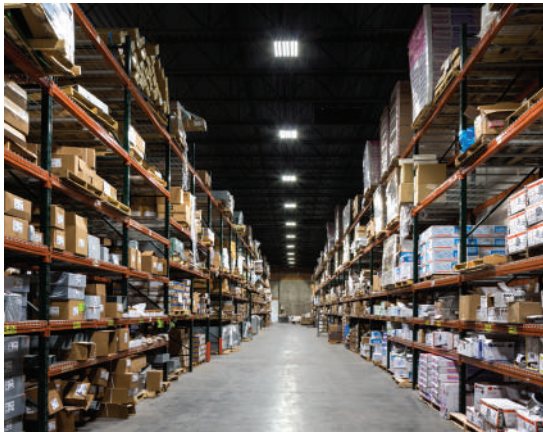


ProductGuide

Fourth Edition

Juno Lighting Group

Commercial | Residential | Retail | Industrial



JUNO LIGHTING GROUP
an AcuityBrands company

Juno Lighting Group

Lighting

ProductGuide

Table of Contents

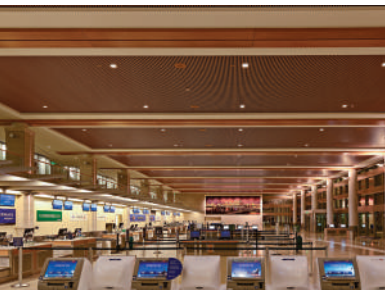
About Juno Lighting Group	1-13
Juno® Recessed Lighting	14-225
Aculux® Precision Recessed Lighting	226-301
Indy™ Architectural Recessed Lighting	302-703
Designer Series	340-433
Indy Architectural Recessed Lighting	434-703
AccuLite™ Commercial and Industrial Lighting	704-855
Highbay	710-736
Commercial & Retail	737-769
Accessories	770-775
Parking Garage and Canopy	776-779
Security Lighting	780-817
Area Lighting	818-839
Floodlighting	840-850
Specialty Lighting	851-855
Juno® Trac Lighting	856-1135
Trac-Master®	876-1013
Trac-Lites™	1014-1035
MonoLine® Trac	1036-1054
HD Commercial Trac	1055-1065
Trac 12™	1066-1097
Flex 12™	1098-1117
Decorative Pendants	1118-1135
Juno® Undercabinet Lighting	1136-1149
DanaLite Architectural Linear Lighting	1150-1161
NaviLite® Exit and Emergency Lighting	1162-1243
Index	1244

Working for you

Juno Lighting Group is committed to providing superior solutions to all your lighting challenges. Since 1976, we have introduced a steady stream of products that have led the industry in quality, performance, and innovation. We have always been trendsetters, anticipating needs and delivering new products that satisfy those needs.

Today, the tradition continues unabated. Leading the drive for more energy-efficient, eco-friendly light sources, we now offer one of the industry's most advanced lines of LED lighting products. With LEDs offering unprecedented energy savings and service life, our LED product development team is constantly pushing the envelope for still greater efficiency and exciting new ways to apply the technology.

The result has been a wave of award-winning LED products designed to lower your energy bills and help you comply with increasingly restrictive electrical codes and green initiatives ... all while helping reduce the amount of carbon emissions and toxins that threaten our environment. In this Product Guide, you'll find our full line of state-of-the-art LED products, as well as thousands of other exceptional lighting solutions. Find what you need, then call your Juno Lighting Group sales representative or distributor for pricing and ordering. You'll discover just how hard we are working for you.



About Us

Founded in 1976, Juno Lighting Group has become one of the leading manufacturers of lighting fixtures and related products. We serve customers throughout North America, including electrical distributors, lighting showrooms, contractors, architects, engineers, lighting designers, and commercial facilities. Our product family includes six stellar brands and over 50,000 items for commercial and residential construction and remodeling. Our products are designed and engineered in the USA and built to exacting standards of quality and performance.



We're the idea people

Juno Lighting Group has a well-earned reputation for innovation. From energy-efficient recessed lighting to versatile track lighting designs, we have a history of creating bright new ideas. A few of our most recent breakthroughs include:

- Indy™-brand and Aculux®-brand luminaires with Tunable White and Black Body Dimming technology, enabling you to optimize color temperatures and spectra of light to complement interior finishes, art, and décor; or to dynamically adjust the lighting from cool and bright, to warm and dim.
- Juno®- and Aculux-brand 2" recessed LED fixtures, establishing the new benchmark for small aperture, designer-grade lighting.
- Indy-brand L-Series luminaires, a comprehensive family of advanced LED fixtures offering totally consistent apertures, trim finishes, and lighting characteristics across the entire line.
- Indy-brand 1x4, 2x2, and 2x4 architectural-grade LED recessed fixtures, featuring exceptional styling and energy efficiency that render traditional fluorescent troffers obsolete.
- Juno-brand trac systems and fixtures, now featuring expanded collections of ultra-efficient, high-performance LED trac heads across all product lines.

And the ideas just keep rolling.

Designing for today and tomorrow

Juno Lighting Group offers products that are leaders in style, efficiency, and performance. But with an eye to the future, we are continually developing products that will be even more efficient and environmentally sustainable. LEDs top the list, and our line already includes a large and rapidly growing selection of LED fixtures. In addition, we offer other highly efficient light sources including ceramic metal halide (CMH) and compact fluorescent (CFL) to cover a broad range of applications and budgets. Our commitment to energy efficiency is meant to provide substantial savings today and help secure tomorrow's future.

Producing excellence

Juno Lighting Group leads the field in design, engineering, and manufacturing. And to stay out front, we are continually introducing fresh approaches to develop innovative new products. A case in point is our LED product development team, consisting of talented engineers and designers who specialize in LED technology. This dedicated group is responsible for many of our award-winning LED products, and there's much more on the way.

Service you can depend on

Outstanding service is fundamental to our business philosophy. Our most popular items are in stock and ship the next business day. "Quick Ship" products ship within 3 to 9 days, and Standard Lead Time products ship within 10 to 20 days. And we deliver on our commitments by maintaining an over 98% on-time-shipment record. To ensure that every project stays on track, our experienced sales, customer service, and technical support teams are always there for you ... from pre-sale planning to post-shipment follow-up.





Caring for our environment

The evidence is mounting that climate change poses a serious threat to everyone. Juno Lighting Group is committed to being part of the solution to this potential crisis in two principle ways:

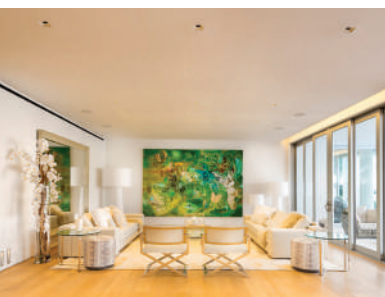
1. by producing energy-efficient, eco-friendly lighting products for our customers.
2. by following policies and practices intended to minimize the environmental impact of our operations.



LEDs to the rescue

Juno Lighting Group has committed to LED technology because it is clearly the gold standard in energy-efficient, eco-friendly lighting. LEDs use as little as 15% of the energy of conventional lighting and offer an ultra-long service life of typically 50,000 hours. They contain no toxic mercury, lead, or PCBs that could pose an environmental hazard. There are no damaging UV rays; no IR beam emissions to create unwanted heat. And LEDs are RoHS compliant.

We believe so strongly in this remarkable technology that we have created a product development group that's solely dedicated to advancing the state-of-the-art in LED lighting. LEDs permeate each of our six brand offerings, and new products are coming on-line with regularity.



Committed to sustainable solutions

LEDs are only part of the sustainability story at Juno Lighting Group. From fixture design, to light source characteristics, to the materials and processes used in production, environmental considerations are right up front. That's why CFL and CMH fixtures proliferate throughout our product line, offering substantial energy savings compared to conventional lighting. There are hundreds of these fixtures to choose from covering wide-ranging applications. For track lighting installations, we also offer our current-limiting feeds and subpanels that enable you to design for the exact power requirements of your track system without incurring watts-per-foot "penalties" imposed by many local energy codes.

All of our advanced illumination technologies share a common goal: To help you achieve your lighting objectives and join the drive for energy sustainability. In the process, you can reduce your operating costs and more easily comply with stringent energy codes such as California Title 24 and the many "green" initiatives.

Responsible stewards of the environment

A sustainable environment is everyone's responsibility. At Juno Lighting Group we are doing our part by reducing our carbon footprint and minimizing the environmental impact of our operations. We have adopted exemplary practices with regard to both our facilities and our products and are committed to RoHS compliance, ISO 14001 certification, and a 10% reduction in facility energy use. Plus, we have paper recycling programs in place that pull over 20 tons per month out of our waste stream.

We are taking full advantage of our lighting expertise by systematically replacing existing fixtures with our latest energy-efficient products. And we also participate in an energy curtailment program that automatically reduces our power consumption during periods of peak demand. At Juno Lighting Group we take our environmental responsibilities very seriously and will continue to pursue policies and programs devoted to resource preservation.



Juno Lighting Group Brands



juno®

The Juno® brand encompasses residential and commercial downlights, track lighting, and undercabinet lighting of exceptional range and quality. Juno is the preferred brand for custom homes, retail stores and elegant office spaces, offering innovative designs and energy-efficient light sources.



indy™

Indy™ architectural recessed lighting offers the industry's widest range of high-quality luminaires, including downlights, pull-down adjustables, wall washers, troffers, cylinders, and multi-lamp fixtures. Innovative features and energy efficiency are the hallmarks of Indy commercial lighting.



AccuLite™

AccuLite™ commercial and industrial fixtures include highbay and lowbay lighting, area lighting, floodlighting, and security lighting solutions. Indoors or out, AccuLite fixtures offer leading-edge designs, featuring ultra-efficient LEDs and other energy-saving options.



NaviLite®

NaviLite® exit and emergency lighting is durable, reliable, and well designed. Most of these fixtures feature energy-efficient LEDs that are economical to operate and competitively priced for the commercial market.



AcuLux®

AcuLux®-brand precision recessed lighting produces spectacular depth and sparkle for contemporary, traditional, and business interiors. Precision adjustments permit accurate light aiming, and low-brightness trims blend seamlessly with their surroundings.



DanaLite

DanaLite architectural linear lighting features custom ultra-slim designs that are ideal for signage casework, coves and a vast array of other commercial applications.

Retail Rocks

Retailing is all about attracting attention and making the sale. Track systems, downlights, and adjustable fixtures from Juno Lighting Group make merchandise displays standout. And Enhanced Spectrum LED luminaires make colors pop. Our lighting products offer everything you need to grab customers and ramp-up sales.



Lighting the Office

Juno Lighting Group offers the industry's widest range of general, task, and accent lighting solutions designed to provide the ideal work environment while simultaneously reducing energy and maintenance costs. Create quiet ceilings with our recessed downlights or brilliantly lit work surfaces with our linear fixtures ... there's no end to the productivity-boosting, cost-saving possibilities.

Healthy Solutions for Healthcare

In hospitals, clinics, and doctor's offices, lighting products from Juno Lighting Group help create ideal working conditions and a comfortable patient environment. Our recessed, track, and LED troffers produce the high-levels of illumination that medical facilities require to deliver accurate, competent care.

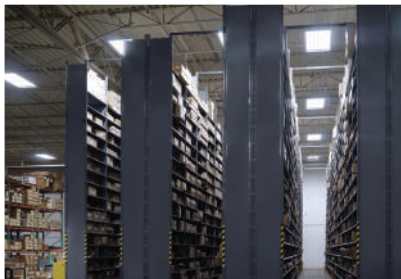


Making the Grade in Education

Juno Lighting Group's product family is loaded with economical, efficient lighting solutions for schools and universities. For example, our 1x4, 2x2 and 2x4 LED recessed fixtures and LED and CFL downlights provide exceptional illumination for classrooms and hallways. These and a host of other lighting products offer substantial energy savings at budget-friendly prices.

Home Sweet Home

With Juno Lighting Group products, homeowners can create the interiors they have always dreamed of. Track lighting accents that highlight artwork, mini-downlights built into architectural niches, decorative pendants suspended above tabletops ... the creative potential is unlimited.



Spotlight on Industry

Juno Lighting Group's extensive range of industrial fixtures offer energy savings, low maintenance, reliability, safety, and optimal workforce productivity. From highbay to lowbay and everywhere in between, our high-performance products can illuminate every inch of the plant or warehouse.

Lighting the Great Outdoors

Juno Lighting Group offers solutions for a variety of outdoor applications, including security and area lighting for pathways, garages, and parking lots. Our outdoor lighting products are designed to withstand the elements, add beauty to their surroundings, and provide energy and maintenance savings.



Hospitable Lighting

Our LED lighting products for the hospitality industry offer unsurpassed energy savings, spectacular performance, and stunning aesthetics. Indoors and out, our extensive fixture collections provide safety, security, and a large dose of razzle-dazzle. Guests will be impressed with the quality of the light and the beauty of the fixtures. Management will be impressed with the operating efficiencies and value.

How to Use this Book

1 Product Brand

2 Product Name

Exact name and description for easy selection

3 LED Product

4 Icons

Icons denote special ratings or features



ENERGY STAR®



Air-Loc



T24 Certified

5 Product Category

6 Color Bar

Quickly identifies sections

7 Description

8 Features

9 Ordering Information

Shows how to "build" a catalog number

10 Accessories

11 Dimensions

Line drawing with dimensions


LED PRODUCT
5
6

1 Juno




2 Down-Lites | IC920LEDG4

5" LED Downlight Housing IC Rated

900 Lumen



4

7 Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with integral light engine • No extra gasket required • Shallow housing allows for fit in 2 x 6 construction • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp locations • UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

8 Features

- 5" LED housing
- Environmentally friendly, energy efficient
- No harmful ultraviolet or infrared wavelengths
- No lead or mercury
- Over 900 lumens using less than 16W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Breakaway bars for tight joist spacing • Bar hangers may be repositioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) ½" and (1) ¾" knockouts and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC20LEDG4, IC20LWDG4N, IC920LEDG4, IC920LWDG4 and IC1420LEDG4 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

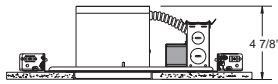
9 Ordering Information Example: IC290LEDG4-35K-1

Catalog No.	Color Temp.	Input Voltage
IC920LEDG4	27K 2700K 3K 3000K 35K 3500K 41K 4100K	1 Dedicated 120V Only (Forward Phase and ELV dimming) U Universal Voltage, 120-277V (0-10V dimming)

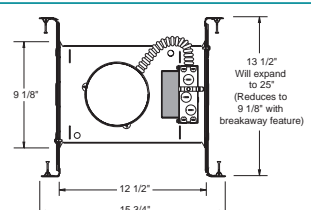
10 LED Optics


Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)


11 Dimensions



5 5/8" Ceiling Cutout




Juno Lighting Group | www.junolightinggroup.com
106

- 1 Product Brand**
- 2 Product Name**
Exact name and description for easy selection
- 3 Product Category**
- 4 Color Bar**
Quickly identifies sections
- 5 Icons**
Icons denote special ratings or features
 Wet Location
- 6 Features**
- 7 Description**
- 8 Ordering Information**
Shows how to “build” a catalog number
- 9 Options**
These suffixes can be added to the end of a catalog number
- 10 Dimensions**
Line drawing with dimensions
- 11 Footnotes**

Resources

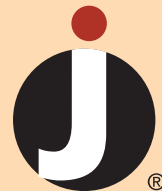
We're here to help

Our goal is to make your life easier. To that end, your Juno Lighting Group sales representative leads a team of specialists that is always ready to help.

Your sales representative can provide instant information on product features, availability, order status, and delivery. If you need technical assistance with specifications, installation, or maintenance, experienced product experts also are available through your sales representative. Our entire sales and service team is comprised of industry pros who can address all your lighting needs.

Beyond sales and service, Juno Lighting Group can provide help through education and training. At our Des Plaines, Illinois, headquarters, we conduct in-depth training programs on key aspects of lighting, from the basics to more advanced subjects. Our courses are taught in our new Lighting Education Center, consisting of the Idea Lab, Lighting Science Room, and Conference Center. These facilities offer hands-on demonstrations and training on the very latest industry innovations. And for those who wish to learn online, our e-learning courses cover lighting from A to Z.





Warehouse Locations

California

1405 E. Locust Street
Ontario, California 91761
Phone: 800-367-5866

Illinois (Corporate Headquarters)

1300 South Wolf Road
Des Plaines, Illinois 60018
800-367-5866

Georgia

1400 Lester Road
Conyers, Georgia 30012
Phone: 770-922-9000

Indiana

12001 Exit Five Parkway
Fishers, Indiana 46037
Phone: 800-367-5866

Pennsylvania

7 Logistics Drive
Carlisle, Pennsylvania 17013
Phone: 800-367-5866

Texas

2700 Esters Blvd.
Dallas, Texas 75261
Phone: 800-367-5866

Ontario, Canada

35B Minthorn Blvd
Thornhill, Ontario
Canada L3T 7N5
Phone: 905-886-8967





Juno® Recessed Lighting

The Juno family of highly recommended recessed lighting fixtures incorporates industry-leading performance, features, and efficiency. Flat or sloped ceilings; ambient, task, or accent lighting; enclosed or open spaces; Juno has a solution for every residential or light-commercial application. An ever-expanding line of innovative LED luminaires leads the way in energy efficiency and brilliant illumination, complemented by a vast collection of fixtures employing a full range of light sources, optics, and trims that fit every need and budget. Juno recessed fixtures are designed and engineered to exacting quality standards, employing only the finest materials and manufacturing processes.



Juno LED lighting ... the industry's best and brightest

Ultra-efficient operation, exceptionally long service life, and technical innovation have made Juno LED fixtures one of today's most highly regarded, recessed lighting solutions. And the innovations just keep coming. In addition to our new small aperture LED downlights, we have introduced the industry's most economical and best performing LED retrofit packages, including Juno Basics Series™ 4-, 5-, and 6-inch retrofits and Juno Retrofit 6-inch Downlights and Eyeballs offering interchangeable trims and optional WarmDim® technology.

Juno 2" LED Downlights set new benchmarks in energy efficiency, performance, and aesthetics. These sophisticated, small-aperture downlights and adjustables offer the designer-grade looks that perfectly complement today's most upscale residential and commercial interiors. Needing as little as 10 watts input to produce over 600 lumens, they provide brilliant white light while consuming just one-fifth the energy of equivalent halogen. And with a 50,000-hour service life, they last 20-times longer. These exceptional IC-rated luminaires are available with round or square apertures and in a wide variety of styles and finishes.

Juno Mini LED Downlights and Adjustables provide big-time illumination for compact spaces. Ideal for niches, bookcases, and soffits, these efficient little recessed luminaires consume just 5-watts of power and are so small, they fit in the palm of your hand. Producing over 300 brilliant LED lumens, these minis easily outperform 20-watt halogen while reducing energy consumption by 75%. Both downlight and adjustable versions are available with round or square apertures; adjustables provide 30° vertical aiming and 360° rotation.

Juno recessed lighting ... the industry's most comprehensive line

Juno brand is the industry's most complete line of recessed lighting, offering an exceptionally broad range of versatile fixtures. No matter what your application, you will find the perfect solution ... from new construction to remodel housings ... from miniature 2" residential downlights to 6" commercial LED downlights ... from Juno-invented white baffles to stunning satin-chrome trims ... from energy-efficient CFLs to even more efficient LEDs. Whether your need is general, wall wash, step, or accent lighting, Juno has the perfect recessed fixture for you.




Housing Offering

Juno Downlights are a complete line of LED, compact fluorescent, low-voltage, and incandescent recessed luminaires for both flat and sloped ceilings. They provide high-quality illumination for all your applications, including general, task, accent, wall-wash, and step lighting. New construction and remodel housings are available in 1", 2", 3", 4", 5", and 6" sizes for insulated and non-insulated ceilings.

Air-Loc®

Juno IC housings are Air-Loc rated and designed to minimize air leak paths. Air-Loc rated housings are tested in accordance with ASTM E283 and certified by an independent laboratory to be in compliance with the minimum air-leakage standards as set in the International Energy Conservation Code, as well as several state energy codes, including Washington State. Significant cost savings are realized as summarized in the chart below:



	Standard IC	Juno Air-Loc IC	Juno Air-Loc IC w/Air-Loc Trim or Gasket
Areas of Leak Path	2.8 sq. inches	1.46 sq. inches	< .1 sq. inch
Air Leakage	5 cu. ft./min. 2.6 million cu. ft./year	2.6 cu. ft./min. 1.4 million cu. ft./year	0
Energy Loss	.86 million BTUs/year	.45 million BTUs/year	0
Annual Energy Savings (VS. STANDARD IC)		\$3.53 per fixture	\$7.34 per fixtures

* Based on 10 cents per KWH

Aesthetically Superior Trims

Juno's downlight trim offering is unparalleled in the industry; choose from baffle, cone, hyperbolic, wall wash, square and lensed trims in an array of finishes and styles.



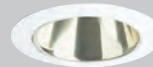
Clear Cone
Specular finish produces a neutral appearance with exceptionally low brightness.



Haze Cone
Uniform satin finish has a soft luminous appearance and hides dust and fingerprints. Blends with white ceilings and coordinates well with cooler interior finishes, light hardwoods and metallic accents such as satin nickel and stainless steel.



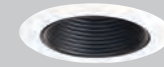
Wheat Haze Cone
Offers a rich trim appearance, and adds subtle warmth to an interior. Coordinates well with warmer tone interior finishes, hardwoods and metallic accents such as satin brass and oil-rubbed bronze.



Gold Cone
Specular finish with a pale gold tint slightly warms lamp color temperature and provides decorative aperture appearance.



Black Cone
Specular black finish produces lowest possible brightness and maximum source concealment.



Black Baffle
Sharply defined concentric ridges reduce trim brightness and create a pleasing architectural appearance.



White Baffle
Brighter appearance when illuminated, but blends with white ceiling when off.

Trim Ring Finishes

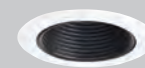
ABZ - Classic Aged Bronze
BL - Black
GP - Graphite
PW - Plastic White (Polycarbonate material shower trim)
SC - Satin Chrome
SL - Silver
WH - White

Styles

Adjustable



Baffle



Cone



Decorative



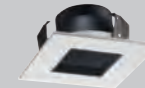
Hyperbolic



Lensed



4" Square



Wall Wash



Real Nail® 3 Bar Hanger





The Juno originated, Real Nail bar hanger (US Patent D552,969) has set the industry standard for ease of installation for over 35 years. This third generation design features an improved range of benefits:

- Proprietary bugle-head, ring shank nail for positive installation and simple claw hammer removal when repositioning housings
- Integral T-bar clip for secure installation in suspended ceilings
- Break-away bars for tight joist spacings
- Curved foot facilitates alignment with joists bottom

Juno LED lighting ... Saving you money, saving our planet

LEDs are today's most efficient light source, delivering substantially reduced energy costs. But just as important is the LED's role in sustaining our planet's resources and protecting our environment. In addition to helping reduce the carbon emissions that contribute to global warming, LEDs contain no lead, mercury, or other toxins that could be harmful to the environment. Therefore, unlike CFLs, LEDs require no special lamp disposal procedures. LEDs have become an invaluable asset in achieving compliance with ever-tightening energy codes and increasingly important "green" initiatives.



<div>  Fixture Performance Comparison  </div>				
Application: 18' x 18' x 8' room, reflectances 80/50/20, light loss factor = 1.0, 9 Fixtures Total: Mounted 6' on center				
  IC LED 11.5W Open Trim	VS.	Incandescent 65W BR-30 Open Trim	CFL 18W Triple Tube Open Trim	CFL 26W Triple Tube Lensed Trim
	Fixture Summary			
IC22LEDG4	Housing and Trim	IC2-24W-WH	ICPL618E-28W-WH	ICPL626E-2330W-WH
11.5W LED	Lamp Specification	65W BR-30	18W Triple Tube	26W Triple Tube
11.5W	Total Input Watts	65W	20.1W	25.3W
50,000	Lamp Life (hrs.)	2,000	12,000	12,000
0.32W/FT ²	Watts Per Square Foot	1.81W/FT ²	0.56W/FT ²	0.70W/FT ²
Yes	ENERGY STAR® Qualified	No	Yes	Yes
Yes	Certified to meet requirements of California T24	No	Yes	Yes
	Illuminance Summary			
17.71fc	Average Illuminance	16.1fc	15.1fc	16.6fc
3:1	Uniformity Ratio (Max/Min)	4:1	3:1	3:1
	Operating Cost Summary			
\$3.35	Annual Energy Cost Per Fixture*	\$18.98	\$5.87	\$7.39
\$0.00	Annual Relamping Cost Per Fixture**	\$4.70	\$3.20	\$3.20
\$3.35 Per Fixture x 9 Fixtures = \$30.15	Annual Operating Costs	\$23.68 Per Fixture x 9 Fixtures = \$213.12	\$9.07 Per Fixture x 9 Fixtures = \$81.63	\$10.59 Per Fixture x 9 Fixtures = \$95.31
	Annual Savings for a 9 Fixture Layout	\$182.97	\$51.48	\$65.16

*Total input watts x 8 hours/day x 365 days/year x \$0.10/KWH/1000

**Replacement cost per lamp x annual hrs. of operation/lamp life

Recessed Down-Lites

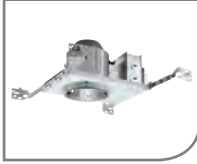
4" Low Voltage

Page 28



IC44 Series
4" 50W MR16

Page 29



TC44 Series
4" 50W MR16

Page 30



TC44R
4" 50W MR16 Remodel

Page 31



TC47 Series
4" 75W MR16

6" Low Voltage

Page 35



TC45
6" 50W MR16

Page 36



TC46
6" 50W PAR36

Mini LED Downlights and Adjustables

LED PRODUCT

Page 38



MD1LG2 and MD1LWG2
Mini LED Downlight

LED PRODUCT

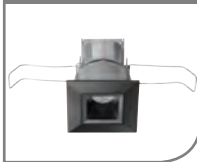
Page 39



MG1LG2
Mini LED Gimbal

LED PRODUCT

Page 40



MDSL2 and MDSLWG2
Square Mini LED Downlight

LED PRODUCT

Page 41



MGSL2
Square Mini LED Gimbal

2" LED Downlights and Adjustables

LED PRODUCT

Page 42



2B and 2C
2" LED Round Downlight

LED PRODUCT

Page 43



2A
2" LED Round Adjustable

LED PRODUCT

Page 44



2SQ
2" LED Square Downlight

LED PRODUCT

Page 45



2SQA
2" LED Square Adjustable

Recessed Down-Lites

3" Incandescent

Page 46



TC18
3" Complete Round
Fixture

Page 47



TC19
3" Complete Square
Fixture

Retrofit LED

LED PRODUCT

Page 48



4RLD
4" Basics Series™ LED
Retrofit Baffle Trim Module

LED PRODUCT

Page 49



4RLA
4" Basics Series™ LED
Retrofit Adjustable Trim

LED PRODUCT

Page 50



4RLS
4" Basics Series™ LED
Surface Mount Fixture

LED PRODUCT

Page 51



IC1-LEDT24
4" Quick Connect LED
New Construction Housing

LED PRODUCT

Page 52



IC1R-LEDT24
4" Quick Connect LED
Remodel Housing

LED PRODUCT

Page 53



5RLD
5" Basics Series™ LED
Retrofit Baffle Trim Module

LED PRODUCT

Page 54



5RLA
5" Basics Series™ LED
Retrofit Adjustable Trim

LED PRODUCT

Page 55



IC20-LEDT24
5" Quick Connect LED
New Construction Housing

LED PRODUCT

Page 56



IC20R-LEDT24
5" Quick Connect LED
Remodel Housing

LED PRODUCT

Page 57



6RLD
6" Basics Series™ LED
Retrofit Baffle Trim Module

LED PRODUCT

Page 58



6RLA
6" Basics Series™ LED
Retrofit Adjustable Trim

LED PRODUCT

Page 59



6RLS
6" Basics Series™ LED
Surface Mount Fixture

LED PRODUCT

Page 60



J6RLG4
6" LED Retrofit
Trim Module

LED PRODUCT

Page 61

















J6RLWDG4N
6" WarmDim® LED Retrofit
Trim Module

Recessed Down-Lites

Retrofit LED (cont)

LED PRODUCT	LED PRODUCT	LED PRODUCT	LED PRODUCT
Page 62  J6RLEG4 6" LED Retrofit Eyeball Trim Module	Page 63  J6RLEWDG4N 6" WarmDim® LED Retrofit Eyeball Trim Module	Page 64  IC23-LEDT24 6" Quick Connect LED New Construction Housing	Page 65  IC23R-LEDT24 6" Quick Connect LED Remodel Housing

4" LED

LED PRODUCT	LED PRODUCT	LED PRODUCT	LED PRODUCT	LED PRODUCT
Page 66  IC1LEDG4 4" LED Downlight	Page 67  IC1RLEDG4 4" WarmDim® LED Downlight Remodel	Page 68  IC1LWDG4N 4" WarmDim® LED Downlight	Page 69  IC1RLWDG4N 4" WarmDim® LED Downlight Remodel	Page 70  IC91LEDG4 4" LED Downlight
Page 71  IC91RLEDG4 4" LED Downlight Remodel	Page 72  IC91LWDG4 4" WarmDim® LED Downlight	Page 73  IC91RLWDG4 4" WarmDim® LED Downlight Remodel	Page 76  IC4AL 4" Internally Adjustable LED Downlight	Page 77  IC4RAL / TC4RAL 4" Internally Adjustable LED Downlight Remodel
Page 78  IC104AL / TC104AL 4" Internally Adjustable LED Downlight	Page 79  TC104RAL 4" Internally Adjustable LED Downlight Remodel	Page 82  IC1ALEDG4-440LEDG4 4" LED Adjustable Downlight and Trim Module	Page 83  IC1RALEDG4-440LEDG4 4" LED Adjustable Downlight Remodel and Trim Module	

Recessed Down-Lites

4" Vertical Compact Fluorescent

Page 84



ICPL426E Series
4" 26W Triple

Page 85



PL426EU
4" 26W Triple

Page 86



PL426RE
4" 26W Triple Remodel

Page 87



ICPL418E
4" 18W Triple

Page 88



ICPL418RE
4" 18W Triple Remodel

4" Incandescent

Page 89



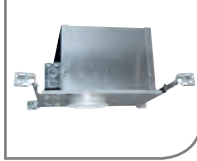
PL418EU
4" 18W Triple

Page 92



IC1 Series
4" Compact Size

Page 93



IC1P
4" Accepts Multiple
Lamp Types

Page 94



TC1 Series
4"

5" LED

Page 95



TC1R
4" Remodel

Page 96



TC1RCWN
4" Remodel

Page 102



IC20LEDG4
5" LED Downlight

Page 103



IC20RLEDG4
5" LED Downlight Remodel

Page 104



IC20LWDG4N
5" WarmDim® LED
Downlight

Page 105



IC20RLWDG4N
5" WarmDim® LED
Downlight Remodel

Page 106



IC920LEDG4
5" LED Downlight

Page 107



IC920RLEDG4
5" LED Downlight
Remodel

Page 108



IC920LWDG4
5" WarmDim® LED
Downlight

Recessed Down-Lites

5" LED (cont)

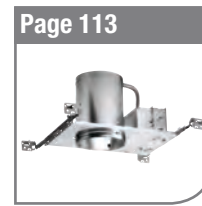


IC920RLWDG4
5" WarmDim® LED
Downlight Remodel



IC1420LEDG4
5" LED Downlight

5" Vertical Compact Fluorescent



ICPL526E Series
5" 26W Triple



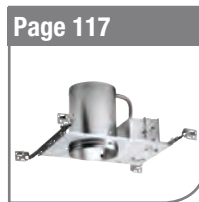
ICPL526RE Series
5" 26W Triple Remodel



PL526EU
5" 26W Triple



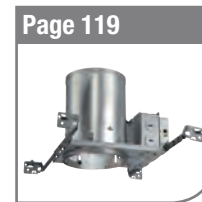
PL526RE
5" 26W Triple Remodel



ICPL518E
5" 18W Triple



ICPL518RE
5" 18W Triple Remodel

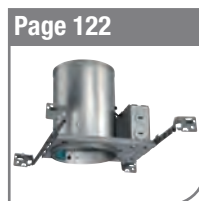


PL518EU
5" 18W Triple

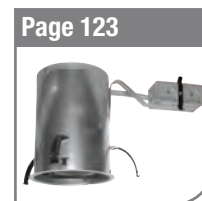
5" Incandescent



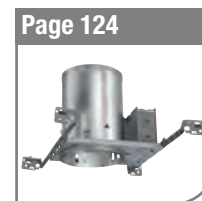
PL518RE
5" 18W Triple Remodel



IC20 Series
5"



IC20R
5" Remodel

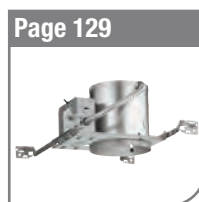


TC20 Series
5"

5" Shallow Incandescent



TC20R
5" Remodel



IC25 Series
5" Shallow



IC25R
5" Shallow Remodel

Recessed Down-Lites

6" LED

<div>LED PRODUCT</div> <div>Page 132</div> <div>IC22LEDG4 6" LED Downlight</div>	<div>LED PRODUCT</div> <div>Page 133</div> <div>IC22RLWDG4 6" WarmDim® LED Downlight Remodel</div>	<div>LED PRODUCT</div> <div>Page 134</div> <div>IC22LWDG4N 6" WarmDim® LED Downlight</div>	<div>LED PRODUCT</div> <div>Page 135</div> <div>IC22RLWDG4N 6" WarmDim® LED Downlight Remodel</div>	<div>LED PRODUCT</div> <div>Page 136</div> <div>IC922LEDG4 6" LED Downlight</div>
<div>LED PRODUCT</div> <div>Page 137</div> <div>IC922RLWDG4 6" WarmDim® LED Downlight Remodel</div>	<div>LED PRODUCT</div> <div>Page 138</div> <div>IC922LWDG4 6" WarmDim® LED Downlight</div>	<div>LED PRODUCT</div> <div>Page 139</div> <div>IC922RLWDG4 6" WarmDim® LED Downlight Remodel</div>	<div>LED PRODUCT</div> <div>Page 140</div> <div>IC1422LEDG4 6" LED Downlight</div>	

6" Vertical Compact Fluorescent

<div>Page 144</div> <div>ICPL632E Series 6" 32W Triple</div>	<div>Page 145</div> <div>ICPL626E Series 6" 26W Triple</div>	<div>Page 146</div> <div>ICPL626RE Series 6" 26W Triple Remodel</div>	<div>Page 147</div> <div>PL642EU 6" 42W Triple</div>	<div>Page 148</div> <div>PL642RE 6" 42W Triple Remodel</div>
<div>Page 151</div> <div>ICPL618E 6" 18W Triple</div>	<div>Page 152</div> <div>ICPL618RE 6" 18W Triple Remodel</div>	<div>Page 153</div> <div>PL618EU 6" 18W Triple</div>	<div>Page 154</div> <div>PL618RE 6" 18W Triple Remodel</div>	

Recessed Down-Lites

6" Incandescent High Wattage

Page 157



IC2 Series
6"

Page 158



TC2 Series
6"

Page 159



TC2R
6" Remodel

6" Incandescent

Page 166



IC22 Series
6"

Page 167



IC22R
6" Remodel

Page 172



IC23 Series
6" with Floating Socket

6" Shallow Incandescent

Page 176



IC21
6" Shallow

Page 177

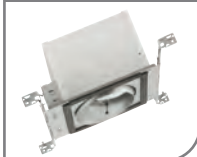


IC21R
6" Shallow Remodel

6" LED Slope Ceiling

LED PRODUCT

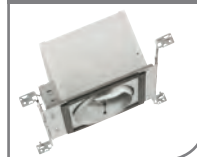
Page 179



IC926LED9G4
6" LED Standard Slope

LED PRODUCT

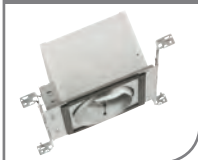
Page 180



IC926LWD9G4
6" WarmDim® LED
Standard Slope

LED PRODUCT

Page 181



IC926LED14G4
6" LED Standard Slope

LED PRODUCT

Page 182



IC928LED9G4
6" LED Super Slope

LED PRODUCT

Page 183



IC928LWD9G4
6" WarmDim® LED
Super Slope

LED PRODUCT

Page 184



IC928LED14G4
6" LED Super Slope

Recessed Down-Lites

6" Compact Fluorescent Slope Ceiling

Page 186



ICPL926-42 Series
6" Standard Slope

Page 187



ICPL926R-32 Series
6" Standard Slope
Remodel

Page 188



ICPL928-42 Series
6" Super Slope

Page 189



ICPL928R-32 Series
6" Super Slope Remodel

6" Incandescent Slope Ceiling

Page 191



IC926 Series
6" Standard Slope

Page 192



TC926
6" Standard Slope

Page 193



TC926R
6" Standard Slope
Remodel

Page 195



IC928 Series
6" Super Slope

Page 196



TC928
6" Super Slope

LED Night Lights and Step Lights

Page 197



TC928R
6" Super Slope Remodel

LED PRODUCT

Page 199



LMS
Mini LED Indoor
Step Light

LED PRODUCT

Page 200



LMSW
Mini LED Outdoor/Wet
Step Light

LED PRODUCT

Page 201



IC115LED
LED Outdoor Step Light

Night Lights and Step Lights

LED PRODUCT

Page 202



838LED
LED Outdoor Performance
Step Light

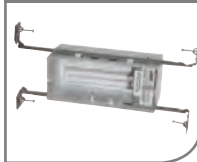
LED PRODUCT

Page 203



IC113LED
LED Indoor
Step Light/Night Light

Page 204



ICPL813
CFL Indoor
Step Light/Night Light

Page 205



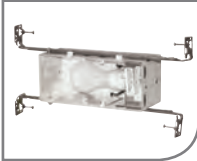
PL115
CFL Outdoor Step Light

Recessed Down-Lites

Night Lights and Step Lights (cont)

Specialty Fixtures

Page 206



ICTC113
Incandescent Indoor
Step Light/Night Light

Page 207



IC6 and TC6
8" Incandescent Squares

Page 208



IC7 and TC7
10" Incandescent Squares

Commercial LED Downlights

LED PRODUCT

Page 210



TC920LEDG4
5" Commercial LED
Downlight

LED PRODUCT

Page 211



TC1420LED4
5" Commercial LED
Downlight

LED PRODUCT

Page 212



TC2020LED4
5" Commercial LED
Downlight

LED PRODUCT

Page 215



TC922LEDG4
6" Commercial LED
Downlight

LED PRODUCT

Page 216



TC1422LED4
6" Commercial LED
Downlight

LED PRODUCT

Page 217



TC2022LED4
6" Commercial LED
Downlight

LED PRODUCT

Page 221



6RLC
6" Basics Series™
Commercial LED Retrofit
Baffle Trim Module

Commercial LED Retrofit

Accessories

Page 222



4", 5", 6" Housing
Accessories

Page 224



LED Accessories

Page 224



Trim Replacement Glass

Page 225



Miscellaneous Parts

Page 225



Bar Hangers
(sets of 2)



Fairview Builders, The Cliffs at Mountain Park; Fairview Builders



Description

IC rated, low voltage, energy efficient, Air-Loc® sealed double wall construction housing does not require separate Air-Loc gasket • Can be completely covered with insulation • Air-Loc housing with all trims stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • Wet location listed with trims 441, 441SQ, 4401, 4402 and 4481 • Conforms with City of Chicago IP requirements

Features

- 4" Low voltage housing
- Ceramic bi-pin socket with aluminum heat shield
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Aluminum housing is fully assembled for ease of installation
- 120V to 12V 50VA thermally protected magnetic transformer
- May be dimmed using dimmers specifically designed for magnetic transformers
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (6) #12 AWG minimum 90° C branch circuit conductors (3 in, 3 out)
- Thermally protected against improper use of lamps
- MR16 lamp wattage based on trim selection. Trim selection follows IC44, TC44 and TC47 Series

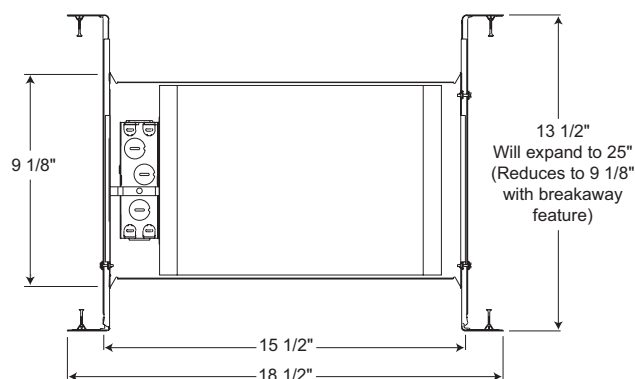
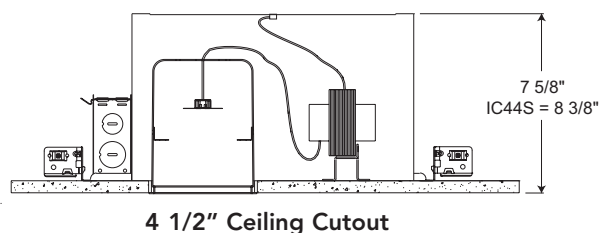
Ordering Information

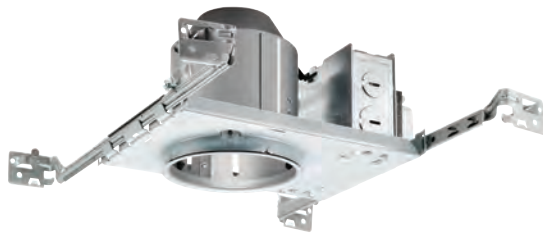
Catalog No.	Description
IC44N	4" Low voltage housing, includes 50VA magnetic transformer
IC44NG	IC44N with pre-installed Air-Loc® gasket
IC44S	IC44N with 1 1/4" deep plaster lip with smaller footprint bar hanger (Real Nail® 2)
IC44SG	IC44N with 1 1/4" deep plaster lip with smaller footprint bar hanger (Real Nail® 2) and pre-installed Air-Loc gasket
IC44W	IC44N with push-in electrical connectors for fast, secure installation
IC44WG	IC44N with push-in electrical connectors and pre-installed Air-Loc gasket

Ordering Information

Catalog No.	Description
4TSA	4" Housing adapter converts original 4" housings for optimal retention of push-in style trims

Dimensions





Description

Non-IC rated low voltage housing • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with trims 441, 441SQ, 4401, 4402 and 4481 • Conforms with City of Chicago IP requirements

Features

- 4" Low voltage housing
- Ceramic bi-pin socket with aluminum heat shield
- Housing is vertically adjustable to accommodate up to a 1 1/4" ceiling thickness

- Steel housing is fully assembled for ease of installation
- 120V to 12V 50VA thermally protected magnetic transformer or available with optional electronic transformer
- May be dimmed using dimmers specifically designed for magnetic transformers or low voltage electronic transformers depending on transformer option selected
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG minimum 90° C branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps or insulation
- MR16 lamp wattage based on trim selection. Trim selection follows IC44, TC44 and TC47 Series

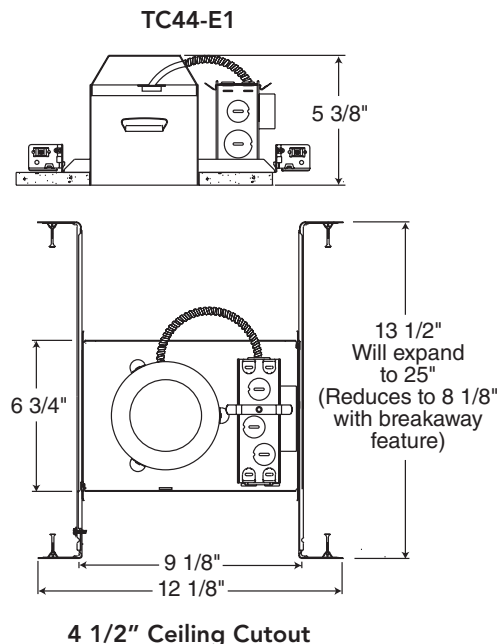
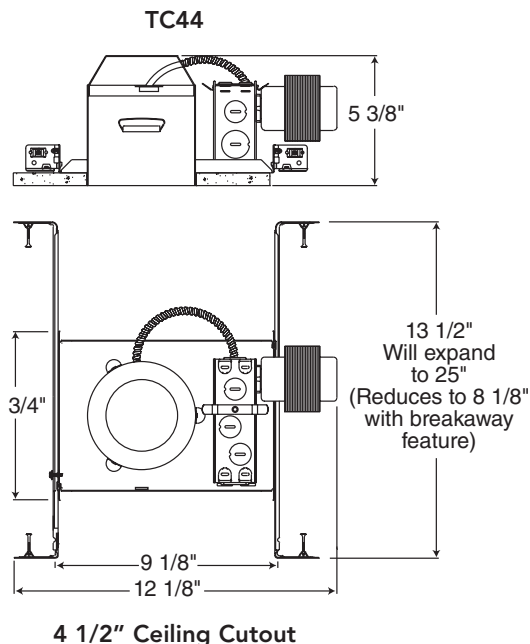
Ordering Information

Catalog No.	Description
TC44	4" Low voltage housing, includes 50VA magnetic transformer
TC44V	TC44 with 277V to 12V 50VA magnetic transformer
TC44S	TC44 with smaller footprint bar hanger (Real Nail® 2)
TC44-E1	TC44 with 120V to 12V Class 2 electronic transformer

Ordering Information

Catalog No.	Description
4TSA	4" Housing adapter converts original 4" housings for optimal retention of push-in style trims.

Dimensions





Description

Non-IC rated, low voltage remodel housing for applications where the back side of the ceiling is not accessible

- Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with trims 441, 441SQ, 4401, 4402 and 4481 • Conforms with City of Chicago IP requirements

Features

- 4" Low voltage remodel housing
- Ceramic bi-pin socket with aluminum heat shield
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Steel housing is fully assembled for ease of installation
- Includes 120V to 12V 50VA thermally protected magnetic transformer or available with optional electronic transformer
- May be dimmed using dimmers specifically designed for magnetic transformers or low voltage electronic transformers depending on transformer option selected
- Pre-wired junction box with (3) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG minimum 90° C branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps or insulation
- MR16 lamp wattage based on trim selection. Trim selection follows IC44, TC44 and TC47 Series

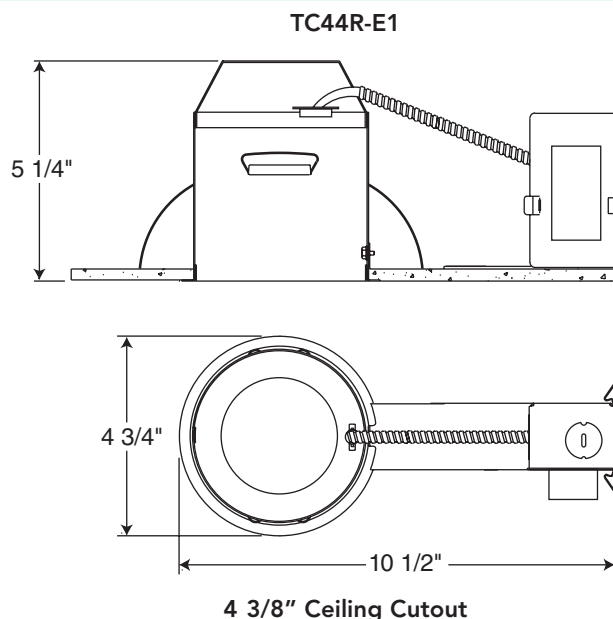
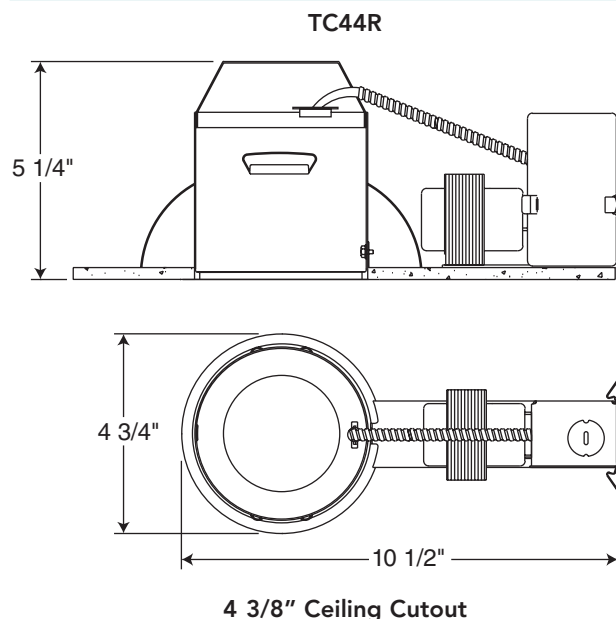
Ordering Information

Catalog No.	Description
TC44R	4" Low voltage remodel housing, includes 50VA magnetic transformer
TC44R-E1	TC44R with 120V to 12V Class 2 electronic transformer

Ordering Information

Catalog No.	Description
SMPLT-4	Galvanized steel plate for locating remodel style housings in new construction. Screw/nail holes for full coverage between 16" and 24" joists.

Dimensions





Description

Non-IC rated low voltage housing • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with trim 441
• Conforms with City of Chicago IP requirements

Features

- 4" Low voltage housing
- Ceramic bi-pin socket with aluminum heat shield
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Aluminum housing is fully assembled for ease of installation
- 120V to 12V 75VA thermally protected magnetic transformer
- May be dimmed using dimmers specifically designed for magnetic transformers
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG minimum 90° C branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps or insulation
- MR16 lamp wattage based on trim selection. Trim selection follows IC44, TC44 and TC47 Series

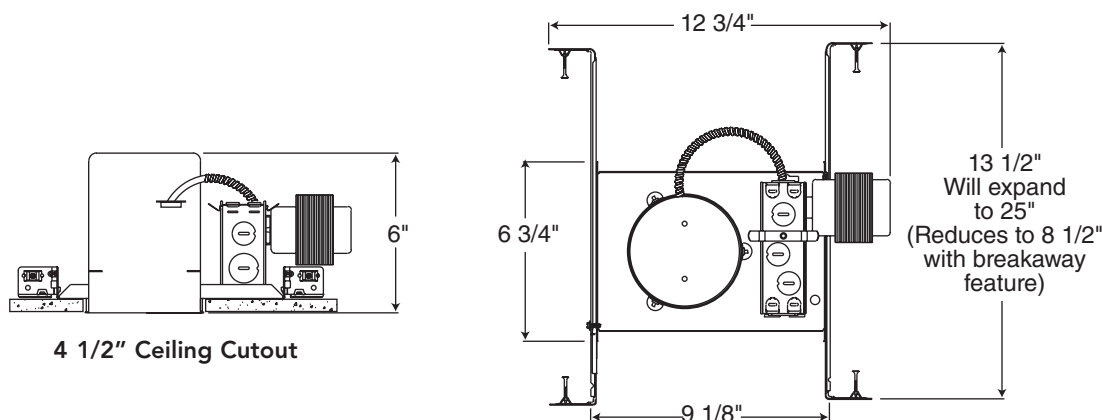
Ordering Information

Catalog No.	Description
TC47	4" Low voltage housing, includes 75VA magnetic transformer
TC47V	TC47 with 277V to 12V 75VA magnetic transformer


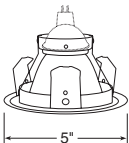

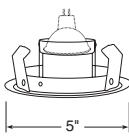
Ordering Information

Catalog No.	Description
4TSA	4" Housing adapter converts original 4" housings for optimal retention of push-in style trims.


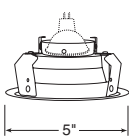


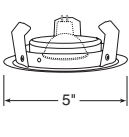
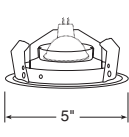
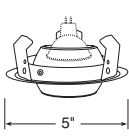
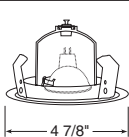
Dimensions



Downlights

 Deep Cone	Catalog #	Description	Max. Lamp Rating	 5"
	442B-WH	Black Alzak®, White Trim	50W MR16	
	442C-WH	Clear Alzak®, White Trim	Aperture	
	442G-WH	Gold Alzak®, White Trim	3 3/8"	
	442HZ-WH	Haze, White Trim		
 Pinhole with Baffle	Catalog #	Description	Max. Lamp Rating	 5"
	443B-WH	White Trim	IC/TC44: 50W MR16	
			TC47: 75W MR16	
			Aperture	
			1 1/4"	

Adjustables

 Baffle-Downlight/Adjustable	Catalog #	Description	Max. Lamp Rating	 5"
	444W-WH	White Baffle, White Trim	IC/TC44: 50W MR16	
	444B-WH	Black Baffle, White Trim	TC47: 75W MR16	
	444B-BL	Black Baffle, Black Trim	Aperture	
	444B-ABZ	Black Baffle, Classic Aged Bronze Trim	3 3/8"	
 Cone-Downlight/Adjustable	Catalog #	Description	Max. Lamp Rating	 5"
	447B-WH	Black Alzak®, White Trim	IC/TC44: 50W MR16	
	447C-WH	Clear Alzak®, White Trim	TC47: 75W MR16	
	447G-WH	Gold Alzak®, White Trim	Aperture	
	447HZ-WH	Haze, White Trim	3 3/8"	
 Flush Gimbal Ring	Catalog #	Description	Max. Lamp Rating	 5"
	440-ABZ	Classic Aged Bronze Trim	50W MR16	
	440-BL	Black Trim	Accessories	
	440-SC	Satin Chrome Trim	Uses 2" light control lenses – consult factory	
	440-WH	White Trim	Adjustment	
 Adjustable Slot Aperture	Catalog #	Description	Max. Lamp Rating	 5"
	445-WH	White Trim	IC/TC44: 50W MR16	
			TC47: 75W MR16	
			Aperture	
			1 1/2" x 2 1/8" Oblong	
 Eyeball with Black Baffle	Catalog #	Description	Max. Lamp Rating	 5"
	448-WH	White Eyeball with Black Baffle, White Trim	IC/TC44: 50W MR16	
			TC47: 75W MR16	
			Adjustment	
			35° vertical	
 Aiming Elbow	Catalog #	Description	Max. Lamp Rating	 4 7/8"
	449-ABZ	Classic Aged Bronze Trim	50W MR16	
	449-BL	Black Trim	Adjustment	
	449-SC	Satin Chrome Trim	75° vertical	
	449-WH	White Trim		

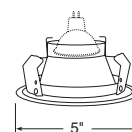
Lensed



Downlight/Adjustable Lensed Trim

Catalog #	Description
441W-ABZ	Perimeter Frosted Lens, Classic Aged Bronze Trim
441W-SC	Perimeter Frosted Lens, Satin Chrome Trim
441W-WH	Perimeter Frosted Lens, White Trim

Max. Lamp Rating
50W MR16
Adjustment
35° vertical



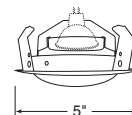
Wall Wash



Adjustable Scoop

Catalog #	Description
446-WH	White Trim

Max. Lamp Rating
IC/TC44: 50W MR16
TC47: 75W MR16
Adjustment
45° vertical



Decorative

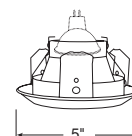


Beveled Lensed

Catalog #	Description
4402-ABZ	Regressed Perimeter Frosted Glass Lens, Classic Aged Bronze Trim
4402-SC	Regressed Perimeter Frosted Glass Lens, Satin Chrome Trim
4402-WH	Regressed Perimeter Frosted Glass Lens, White Trim

Not for use with TC47 series housings

Max. Lamp Rating
50W MR16
Adjustment
30° vertical

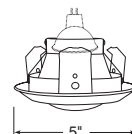


Beveled Dome Lensed

Catalog #	Description
4401-ABZ	Frosted Glass Lens, Classic Aged Bronze Trim
4401-SC	Frosted Glass Lens, Satin Chrome Trim
4401-WH	Frosted Glass Lens, White Trim

Not for use with TC47 series housings

Max. Lamp Rating
50W MR16

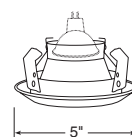


Beveled Cone

Catalog #	Description
4404HZ-SC	Haze, Satin Chrome Trim
4404WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim

Not for use with TC47 series housings

Max. Lamp Rating
50W MR16
Aperture
3 3/8"
Adjustment
30° vertical

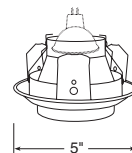


Beveled Cylinder

Catalog #	Description
4403FROST-SC	Frosted Glass, Satin Chrome Trim
4403FROST-WH	Frosted Glass, White Trim

Not for use with TC47 series housings

Max. Lamp Rating
50W MR16
Aperture
3"
Adjustment
30° vertical



UL listed for use in wet location.

Decorative (cont)

	Catalog # 4450MESH-SC	Description Mesh Glass, Satin Chrome Trim Not for use with TC47 series housings	Max. Lamp Rating 50W MR16 Aperture 2 5/8"	
	Catalog # 4481CLEAR	Description Perimeter Frosted Clear Glass Not for use with TC47 series housings	Max. Lamp Rating 50W MR16	
	Catalog # 4480FROST	Description Frosted Glass Not for use with TC47 series housings	Max. Lamp Rating 50W MR16 Aperture 2 5/8"	

Squares

	Catalog # 4475Q-HZ-WH 4475Q-B-WH 4475Q-WHZ-WH	Description Haze, White Trim Black Alzak, White Trim Wheat Haze, White Trim Not for use with TC47 series housings	Max. Lamp Rating 50W MR16 Aperture 2 5/32" Adjustment 35° vertical	
	Catalog # 4435Q-WH	Description White Trim Not for use with TC47 series housings	Max. Lamp Rating 50W MR16 Aperture 1 1/4"	
	Catalog # 4405Q-WH 4405Q-BL	Description White Trim Black Trim Not for use with TC47 series housings	Max. Lamp Rating 50W MR16 Adjustment 35° vertical	
	Catalog # 4415Q-W-WH	Description Perimeter Frosted Lens, White Trim Not for use with TC47 series housings	Max. Lamp Rating 50W MR16 Adjustment 35° vertical	



UL listed for use
in wet location.



Description

Non-IC rated low voltage housing • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

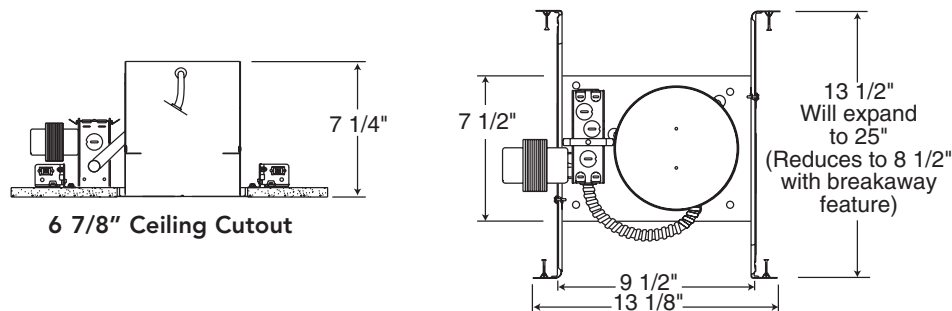
Features

- 6" Low voltage housing
- Ceramic bi-pin socket with aluminum heat shield
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Steel housing is fully assembled for ease of installation
- 120V to 12V 75VA thermally protected magnetic transformer
- May be dimmed using dimmers specifically designed for magnetic transformers
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG minimum 90° C branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of insulation
- MR16 lamp wattage based on trim selection below

Ordering Information

Catalog No.	Description
TC45	6" Low voltage housing, includes 75VA magnetic transformer

Dimensions



Adjustables

	Catalog # 454B-WH	Description Black Baffle, White Trim	Max. Lamp Rating 75W MR16 Aperture 3 1/2" Adjustment 35° vertical	
	Catalog # 457C-WH	Description Clear Alzak®, White Trim	Max. Lamp Rating 75W MR16 Aperture 3 1/2" Adjustment 35° vertical	
	Catalog # 458W-WH	Description White Cylinder, White Baffle, White Trim	Max. Lamp Rating 50W MR16 Aperture 5 3/4" Adjustment 50° vertical	



Description

Non-IC rated low voltage housing • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

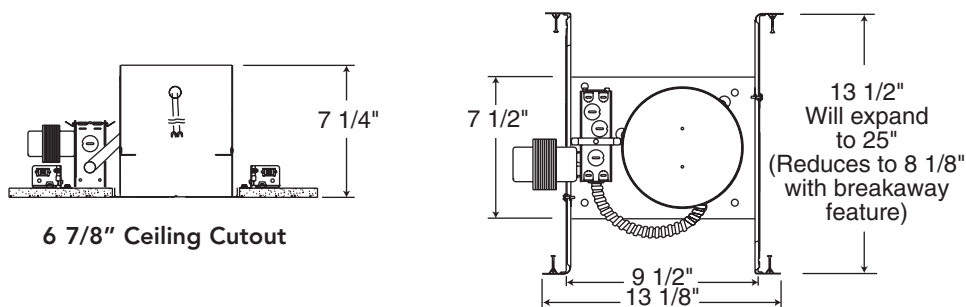
Features

- 6" Low voltage housing
- Leads supplied with spade connectors for screw terminal PAR36 lamps
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Steel housing is fully assembled for ease of installation
- 120V to 12V 50VA thermally protected magnetic transformer
- May be dimmed using dimmers specifically designed for magnetic transformers
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum 8 #12 AWG minimum 90° C branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamp or insulation
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- One 50W PAR36 lamp used in trim selection below


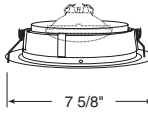
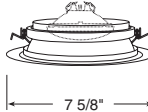
Ordering Information

Catalog No.	Description
TC46	6" Low voltage housing, includes 50VA magnetic transformer

Dimensions



Adjustables

 Baffle-Downlight/Adjustable	Catalog # 464W-WH 464B-WH	Description White Baffle, White Trim Black Baffle, White Trim	Max. Lamp Rating 50W PAR36 Aperture 5 3/4" Adjustment 35° vertical	 7 5/8"
	Catalog # 467C-WH*	Description Clear Alzak®, White Trim *Compatible with TR6, 6" trim ring	Max. Lamp Rating 50W PAR36 Aperture 5 3/4" Adjustment 35° vertical	 7 5/8"



Private Residence, Minneapolis, Minnesota: Alyssa Lee Photography



Down-Lites | MD1LG2 and MD1LWG2

Mini LED Downlight IC Rated



Description

IC rated for insulated or non-insulated applications

- Sleek, compact form factor provides direct accent lighting with low glare optic system that exceeds the light output and distribution of 20W halogen lamps
- Ideal for both residential and commercial limited space applications including niches, bookshelves, displays and cabinets
- Requires remote mount Class 2 120V to 12V AC electronic or magnetic transformer
- Designed to provide 50,000 hours of life

Listings

UL Listed for indoor damp locations and daisy chaining

- MD1LWG2 is outdoor and wet location approved
- Union made • UL and cUL Listed • RoHS compliant

Ordering Information Example: MD1LWG2-27K-SP-WH

Catalog No.	Color Temp.	Optic	Finish
MD1LG2	27K 2700K	SP Spot	WH White
MD1LWG2 (Outdoor & Wet Location Approved)	3K 3000K	NFL Narrow Flood	BL Black
	35K 3500K	FL Flood	SN Satin Nickel
	41K 4100K		BZ Bronze



Features

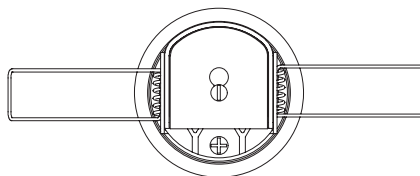
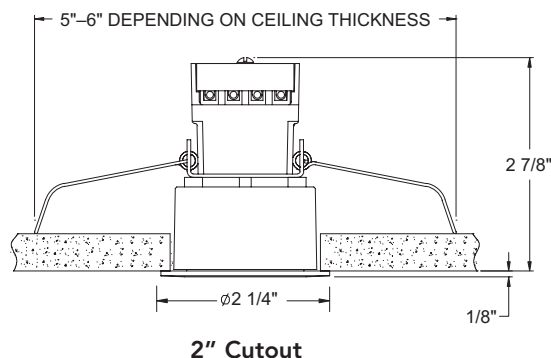
- Miniature round LED downlight housing and trim
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Provides 300 lumens while consuming 5 watts
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- Die cast aluminum housing designed for use in IC (insulated ceiling) or Non-IC construction
- Tempered spring steel torsion clips are provided fully assembled to housing for fast, secure installation or removal in mounting surfaces from 1/8" to 1" thick material
- Choice of spot (16°), narrow flood (24°) or flood (35°) beam patterns
- Reflectors finished to match trim ring color for uniform appearance
- Wiring compartment provided with removable access plate and four pole terminal block for quick, secure connection
- Easy to wire with commonly available low voltage cable (Type CL2 or NEC equivalent, 18-12 AWG).
- UL/cUL Listed for daisy chaining
- May be dimmed with dimmers tested and qualified by Juno® for use with TL602E and TL576

Transformers



Catalog No.	Description	Finish
TL602E-10-WH	10W 12V AC Electronic Transformer	White
TL602E-25-WH	25W 12V AC Electronic Transformer	White
TL602E-60-WH	60W 12V AC Electronic Transformer	White
Options	(Add as suffix to catalog number)	
CP6*	6ft. Cord and Plug, factory installed	
*Not UL Listed		
TL576-10-BL	10W 12V AC Magnetic Transformer	Black
TL576-25-BL	25W 12V AC Magnetic Transformer	Black
TL576-60-BL	60W 12V AC Magnetic Transformer	Black

Dimensions





Down-Lites | MG1LG2

Mini LED Gimbal IC Rated



Description

IC rated for insulated or non-insulated applications

- Sleek, compact form factor provides aimable accent lighting with performance that exceeds the light output and distribution of 20W halogen lamps
- Ideal for both residential and commercial limited space applications including niches, bookshelves, displays and cabinets
- Requires remote mount Class 2 120V to 12V AC electronic or magnetic transformer
- Designed to provide 50,000 hours of life

Listings

UL Listed for indoor damp locations and daisy chaining

- Union made • UL and cUL Listed • RoHS compliant

Features

- Miniature round LED gimbal housing and trim
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Provides 300 lumens while consuming 5 watts
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- Die cast aluminum housing designed for use in IC (insulated ceiling) or Non-IC construction
- Tempered spring steel torsion clips are provided fully assembled to housing for fast, secure installation or removal in mounting surfaces from 1/8" to 1" thick material
- Choice of spot (16°), narrow flood (24°) or flood (35°) beam patterns
- Aimable gimbal design provides up to 30° off vertical adjustment and 360° rotation
- Wiring compartment provided with removable access plate and four pole terminal block for quick, secure connection
- Easy to wire with commonly available low voltage cable (Type CL2 or NEC equivalent, 18-12 AWG).
- UL/cUL Listed for daisy chaining
- May be dimmed with dimmers tested and qualified by Juno® for use with TL602E and TL576

Ordering Information Example: MG1LG2-35K-NFL-SN

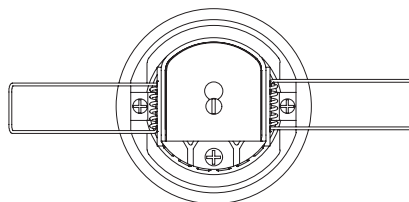
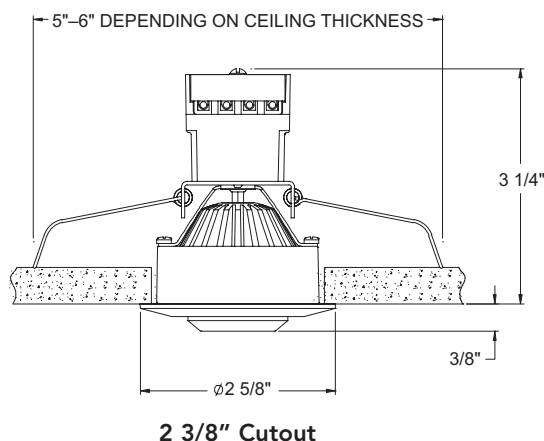
Catalog No.	Color Temp.	Optic	Finish
MG1LG2	27K 2700K	SP Spot	WH White
	3K 3000K	NFL Narrow Flood	BL Black
	35K 3500K	FL Flood	SN Satin Nickel
	41K 4100K		BZ Bronze

Transformers



Catalog No.	Description	Finish
TL602E-10-WH	10W 12V AC Electronic Transformer	White
TL602E-25-WH	25W 12V AC Electronic Transformer	White
TL602E-60-WH	60W 12V AC Electronic Transformer	White
Options		
CP6*	6ft. Cord and Plug, factory installed	
*Not UL Listed		
TL576-10-BL	10W 12V AC Magnetic Transformer	Black
TL576-25-BL	25W 12V AC Magnetic Transformer	Black
TL576-60-BL	60W 12V AC Magnetic Transformer	Black

Dimensions





Down-Lites | MDSL G2 and MDSLWG2

Square Mini LED Downlight IC Rated



Description

IC rated for insulated or non-insulated applications

- Sleek, compact form factor provides direct accent lighting with low glare optic system that exceeds the light output and distribution of 20W halogen lamps
- Ideal for both residential and commercial limited space applications including niches, bookshelves, displays and cabinets
- Requires remote mount Class 2 120V to 12V AC electronic or magnetic transformer
- Designed to provide 50,000 hours of life

Listings

UL Listed for indoor damp locations and daisy chaining

- MDSLWG2 is outdoor and wet location approved
- Union made • UL and cUL Listed • RoHS compliant

Ordering Information Example: MDSLWG2-3K-FL-WH

Catalog No.	Color Temp.	Optic	Finish
MDSL G2	27K 2700K	SP Spot	WH White
MDSLWG2 (Outdoor & Wet Location Approved)	3K 3000K	NFL Narrow Flood	BL Black
	35K 3500K	FL Flood	SN Satin Nickel
	41K 4100K		BZ Bronze



Features

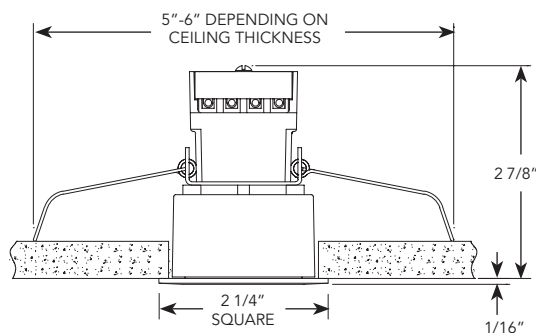
- Miniature square LED downlight housing and trim
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Provides 300 lumens while consuming 5 watts
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- Die cast aluminum housing designed for use in IC (insulated ceiling) or Non-IC construction
- Tempered spring steel torsion clips are provided fully assembled to housing for fast, secure installation or removal in mounting surfaces from 1/8" to 1" thick material
- Choice of spot (16°), narrow flood (24°) or flood (35°) beam patterns
- Reflectors finished to match trim ring color for uniform appearance
- Wiring compartment provided with removable access plate and four pole terminal block for quick, secure connection
- Easy to wire with commonly available low voltage cable (Type CL2 or NEC equivalent, 18-12 AWG).
- UL /cUL Listed for daisy chaining
- May be dimmed with dimmers tested and qualified by Juno® for use with TL602E and TL576

Transformers

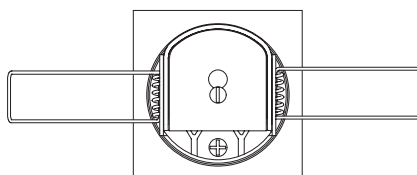


Catalog No.	Description	Finish
TL602E-10-WH	10W 12V AC Electronic Transformer	White
TL602E-25-WH	25W 12V AC Electronic Transformer	White
TL602E-60-WH	60W 12V AC Electronic Transformer	White
TL576-10-BL	10W 12V AC Magnetic Transformer	Black
TL576-25-BL	25W 12V AC Magnetic Transformer	Black
TL576-60-BL	60W 12V AC Magnetic Transformer	Black

Dimensions



2" Ø Circular Cutout





Down-Lites | MGSLG2

Square Mini LED Gimbal IC Rated



Description

IC rated for insulated or non-insulated applications

- Sleek, compact form factor provides aimable accent lighting with performance that exceeds the light output and distribution of 20W halogen lamps
- Ideal for both residential and commercial limited space applications including niches, bookshelves, displays and cabinets
- Requires remote mount Class 2 120V to 12V AC electronic or magnetic transformer
- Designed to provide 50,000 hours of life

Listings

UL Listed for indoor damp locations and daisy chaining

- Union made • UL and cUL Listed • RoHS compliant

Features

- Miniature square LED gimbal housing and trim
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Provides 300 lumens while consuming 5 watts
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- Die cast aluminum housing designed for use in IC (insulated ceiling) or Non-IC construction
- Tempered spring steel torsion clips are provided fully assembled to housing for fast, secure installation or removal in mounting surfaces from 1/8" to 1" thick material
- Choice of spot (16°), narrow flood (24°) or flood (35°) beam patterns
- Aimable gimbal design provides up to 30° off vertical adjustment and 360° rotation
- Wiring compartment provided with removable access plate and four pole terminal block for quick, secure connection
- Easy to wire with commonly available low voltage cable (Type CL2 or NEC equivalent, 18-12 AWG).
- UL/cUL Listed for daisy chaining
- May be dimmed with dimmers tested and qualified by Juno® for use with TL602E and TL576

Ordering Information Example: MGSLG2-35K-NFL-WH

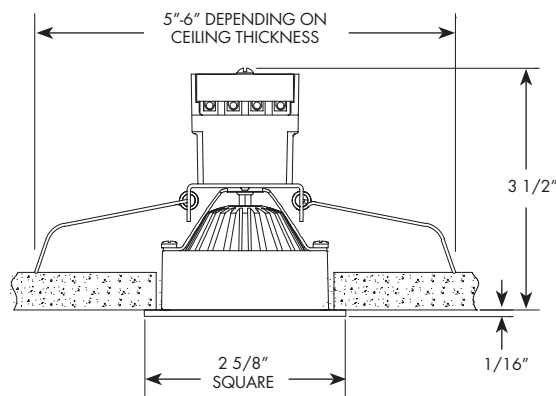
Catalog No.	Color Temp.	Optic	Finish
MGSLG2	27K 2700K	SP Spot	WH White
	3K 3000K	NFL Narrow Flood	BL Black
	35K 3500K	FL Flood	SN Satin Nickel
	41K 4100K		BZ Bronze

Transformers

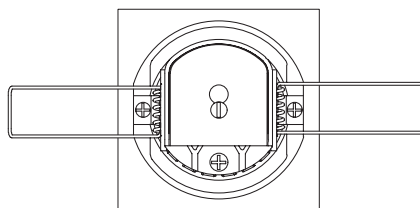


Catalog No.	Description	Finish
TL602E-10-WH	10W 12V AC Electronic Transformer	White
TL602E-25-WH	25W 12V AC Electronic Transformer	White
TL602E-60-WH	60W 12V AC Electronic Transformer	White
TL576-10-BL	10W 12V AC Magnetic Transformer	Black
TL576-25-BL	25W 12V AC Magnetic Transformer	Black
TL576-60-BL	60W 12V AC Magnetic Transformer	Black

Dimensions



2 3/8" Ø Circular Cutout





Down-Lites | 2B and 2C Series

2" LED Round Downlight IC Rated

600 Lumen



Description

2 inch aperture recessed downlight can be installed in either new construction or remodel applications • IC rated for insulated or non-insulated applications • Luminaire produces up to 600 lumens and is available with optical distributions approximating that of 50W MR16 halogen lamps • Low profile form factor allows luminaire to fit in 2 x 6 construction • Designed to provide 50,000 hours of life • 5 year limited warranty on LED Components.

Listings

ENERGY STAR® Qualified • 90 CRI fixtures are certified to the high efficacy requirements of California T24 • Meets energy code Air Leakage requirements per ASTM E283 • UL and cUL Listed for wet locations • RoHS compliant

Features

- 2" LED round downlight
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Comparable light output to 50W MR16 halogen lamps
- 2700K, 3000K, 3500K or 4100K color temperatures available with 80 CRI or 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- Aesthetic trim features die cast beveled knife edge trim ring or frame for clean ceiling interface
- Available with field interchangeable optics in 18° Spot, 24° Narrow Flood, or 40° Flood distributions
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Includes (2) 1/2" knock-outs equipped with pryout slots
- Remodel style plaster frame installs from below the ceiling and accommodates ceiling thicknesses from 1/2" to 1"
- For thicker ceilings up to 1 1/2", order 2-JCTA150
- New Construction mounting frame, 2-NCMF, is also available with patented (US Patent D552,969) Real Nail 3® telescoping bar hangers to position fixture and locate wiring prior to ceiling installation.
- Push-in electrical connectors included
- Die cast baffles and spun aluminum reflectors are available in finishes listed below

Ordering Information

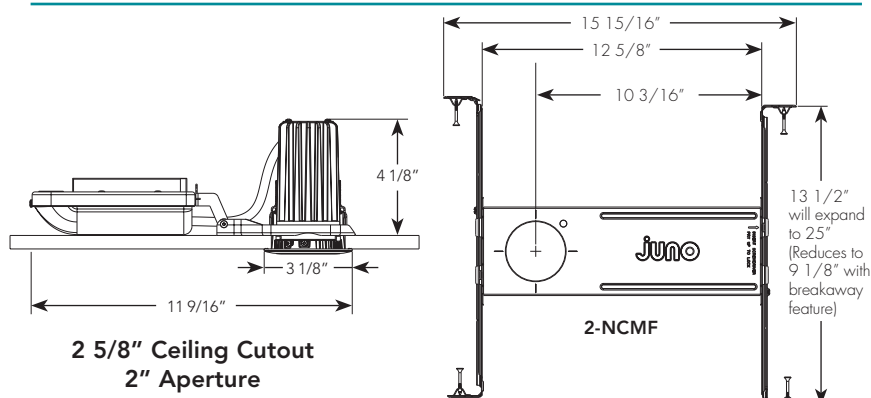
Example: 2B-927N1-WWH

Catalog No.	CRI/Color Temp.	Optic	Drivers	Finish
2B	827 2700K, 80CRI	927 2700K, 90CRI	S 18° Spot	1 Dedicated 120V Only (Forward Phase + ELV Dimmable)
Downlight Baffle			N 24° Narrow Flood	
2C	830 3000K, 80CRI	930 3000K, 90CRI	F 40° Flood	U Universal Voltage 120-277V (0-10V Dimmable)
Downlight Cone				
	835 3500K, 80CRI	935 3500K, 90CRI		
	841 4100K, 80CRI	941 4100K, 90CRI		
				Downlight Baffle
				WWH White Baffle, White Trim Ring
				BBL Black Baffle, Black Trim Ring
				BWH Black Baffle, White Trim Ring
				ZBZ Bronze Baffle, Bronze Trim Ring
				SSN Satin Nickel Baffle, Satin Nickel Trim Ring
				Downlight Cone
				WHW White Cone, White Trim Ring
				CLW Clear Cone, White Trim Ring
				HZW Haze Cone, White Trim Ring
				HZS Haze Cone, Satin Nickel Trim Ring
				WZB Wheat Haze Cone, Bronze Trim Ring

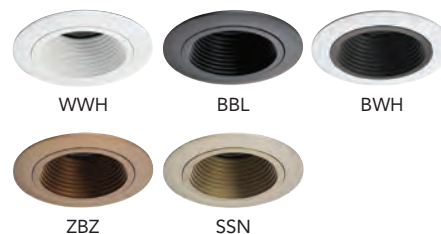
Accessories

Catalog No.	Description
2-NCMF	New Construction Mounting Frame with Real Nail® 3 bar hangers
2-JCTA150	Thick Ceiling adapter for 1" - 1 1/2" thick ceiling
LEDOPTIC2-S	18° Spot Optic
LEDOPTIC2-N	24° Narrow Flood Optic
LEDOPTIC2-F	40° Flood Optic

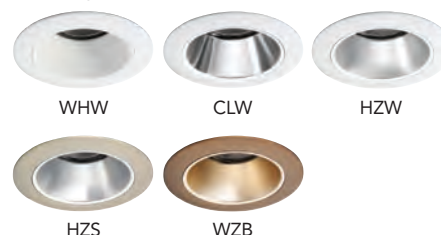
Dimensions



Downlight Baffle Finishes



Downlight Cone Finishes





Down-Lites | 2A Series

2" LED Round Adjustable IC Rated

600 Lumen



Description

2 inch aperture recessed adjustable can be installed in either new construction or remodel applications • IC rated for insulated or non-insulated applications • Luminaire produces up to 600 lumens and is available with optical distributions approximating that of 50W MR16 halogen lamps • Low profile form factor allows luminaire to fit in 2 x 6 construction • Designed to provide 50,000 hours of life • 5 year limited warranty on LED Components.

Listings

ENERGY STAR® Qualified • 90 CRI fixtures are certified to the high efficacy requirements of California T24 • Meets energy code Air Leakage requirements per ASTM E283 • UL Listed for damp locations • RoHS compliant

Features

- 2" LED round adjustable
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Comparable light output to 50W MR16 halogen lamps
- 2700K, 3000K, 3500K or 4100K color temperatures available with 80 CRI or 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- Aesthetic trim features die cast beveled knife edge trim ring or frame for clean ceiling interface
- Available with field interchangeable optics in 18° Spot, 24° Narrow Flood, or 40° Flood distributions
- Gimbal provides up to 35° vertical and 360° horizontal aiming
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Includes (2) 1/2" knock-outs equipped with pryout slots
- Remodel style plaster frame installs from below the ceiling and accommodates ceiling thicknesses from 1/2" to 1"
- For thicker ceilings up to 1 1/2", order 2-JCTA150
- New Construction mounting frame, 2-NCMF, is also available with patented (US Patent D552,969) Real Nail 3® telescoping bar hangers to position fixture and locate wiring prior to ceiling installation.
- Push-in electrical connectors included
- Die cast gimbal trims are available in finishes listed below

Ordering Information

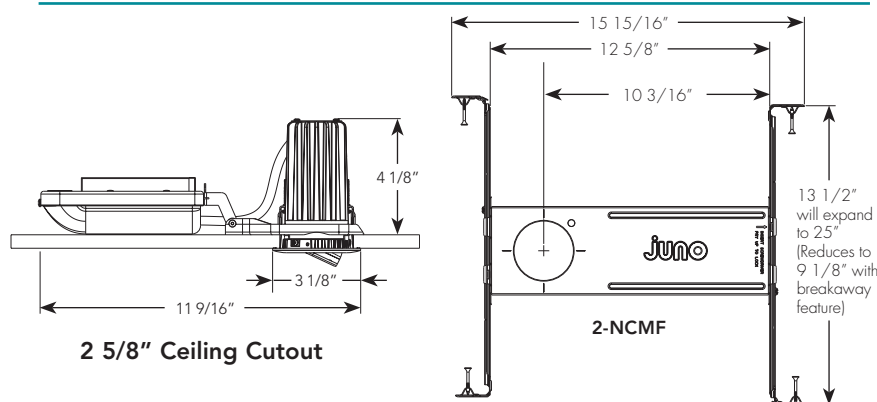
Example: **2A-927N1-WH**

Catalog No.	CRI/Color Temp.				Optic	Drivers	Finish	
2A Adjustable Gimbal	827	2700K, 80CRI	927	2700K, 90CRI	S 18° Spot	1 Dedicated 120V Only (Forward Phase + ELV Dimmable)	WH	White
	830	3000K, 80CRI	930	3000K, 90CRI	N 24° Narrow Flood		BL	Black
	835	3500K, 80CRI	935	3500K, 90CRI	F 40° Flood	U Universal Voltage 120-277V (0-10V Dimmable)	SN	Satin Nickel
	841	4100K, 80CRI	941	4100K, 90CRI			BZ	Bronze

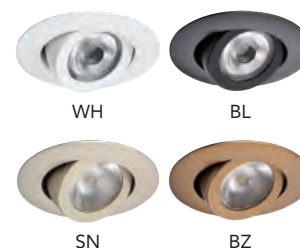
Accessories

Catalog No.	Description
2-NCMF	New Construction Mounting Frame with Real Nail® 3 bar hangers
2-JCTA150	Thick Ceiling adapter for 1" - 1 1/2" thick ceiling
LEDOPTIC2-S	18° Spot Optic
LEDOPTIC2-N	24° Narrow Flood Optic
LEDOPTIC2-F	40° Flood Optic

Dimensions



Trim Finishes





Down-Lites | 2SQ Series

2" LED Square Downlight IC Rated

600 Lumen



Description

2 inch square aperture recessed downlight can be installed in either new construction or remodel applications • IC rated for insulated or non-insulated applications • Luminaire produces up to 600 lumens and is available with optical distributions approximating that of 50W MR16 halogen lamps • Low profile form factor allows luminaire to fit in 2 x 6 construction • Designed to provide 50,000 hours of life • 5 year limited warranty on LED Components.

Listings

ENERGY STAR® Qualified • 90 CRI fixtures are certified to the high efficacy requirements of California T24 with select trims
• Meets energy code Air Leakage requirements per ASTM E283
• UL and cUL Listed for wet locations • RoHS compliant

Features

- 2" LED square downlight
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Comparable light output to 50W MR16 halogen lamps
- 2700K, 3000K, 3500K or 4100K color temperatures available with 80 CRI or 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- Available with field interchangeable optics in 18° Spot, 24° Narrow Flood, or 40° Flood distributions
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Includes (2) 1/2" knock-outs equipped with pryout slots
- Remodel style plaster frame installs from below the ceiling and accommodates ceiling thicknesses from 1/2" to 1"
- For thicker ceilings up to 1 1/2", order 2-JCTA150
- New Construction mounting frame, 2-NCMF, is also available with patented (US Patent D552,969) Real Nail 3® telescoping bar hangers to position fixture and locate wiring prior to ceiling installation.
- Push-in electrical connectors included
- Die cast trim ring and reflectors are available in finishes listed below

Ordering Information

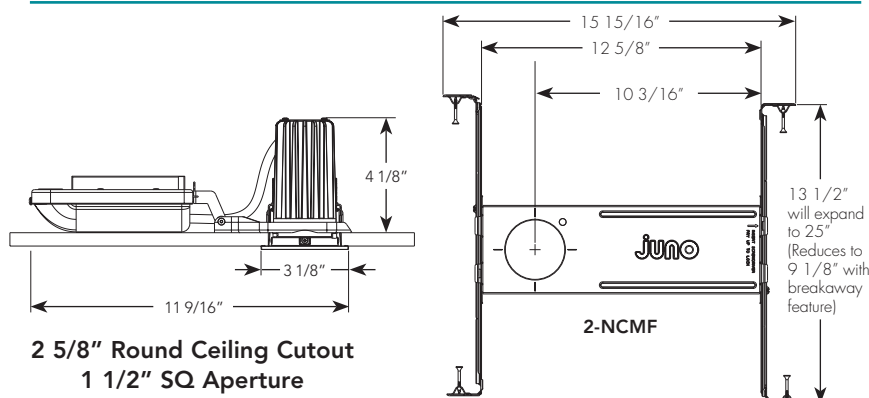
Example: **2SQ-927N1-WWH**

Catalog No.	CRI/Color Temp.		Optic		Drivers	Finish				
2SQ Square Downlight	827	2700K, 80CRI	927	2700K, 90CRI	S	18° Spot	1	Dedicated 120V Only (Forward Phase + ELV Dimmable)	Downlight Reflector	
	830	3000K, 80CRI	930	3000K, 90CRI	N	24° Narrow Flood	U	Universal Voltage 120-277V (0-10V Dimmable)	WWH	White, White Trim Ring
	835	3500K, 80CRI	935	3500K, 90CRI	F	40° Flood	BBL		Black, Black Trim Ring	
							BWH		Black, White Trim Ring	
							BBZ	Black, Bronze Trim Ring		
	841	4100K, 80CRI	941	4100K, 90CRI				BSN	Black, Satin Nickel Trim Ring	

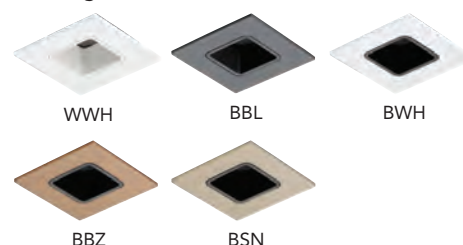
Accessories

Catalog No.	Description
2-NCMF	New Construction Mounting Frame with Real Nail® 3 bar hangers
2-JCTA150	Thick Ceiling adapter for 1" - 1 1/2" thick ceiling
LEDOPTIC2-S	18° Spot Optic
LEDOPTIC2-N	24° Narrow Flood Optic
LEDOPTIC2-F	40° Flood Optic

Dimensions



Downlight Reflector Finishes





Down-Lites | 2SQA Series

2" LED Square Adjustable IC Rated
600 Lumen



Description

2 inch square aperture recessed adjustable can be installed in either new construction or remodel applications • IC rated for insulated or non-insulated applications • Luminaire produces up to 600 lumens and is available with optical distributions approximating that of 50W MR16 halogen lamps • Low profile form factor allows luminaire to fit in 2 x 6 construction • Designed to provide 50,000 hours of life • 5 year limited warranty on LED Components.

Listings

ENERGY STAR® Qualified • 90 CRI fixtures are certified to the high efficacy requirements of California T24 • Meets energy code Air Leakage requirements per ASTM E283 • UL Listed for damp locations • RoHS compliant

Features

- 2" LED square adjustable
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Comparable light output to 50W MR16 halogen lamps
- 2700K, 3000K, 3500K or 4100K color temperatures available with 80 CRI or 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- Available with field interchangeable optics in 18° Spot, 24° Narrow Flood, or 40° Flood distributions
- Gimbal provides up to 35° vertical and 360° horizontal aiming
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Includes (2) 1/2" knock-outs equipped with pryout slots
- Remodel style plaster frame installs from below the ceiling and accommodates ceiling thicknesses from 1/2" to 1"
- For thicker ceilings up to 1 1/2", order 2-JCTA150
- New Construction mounting frame, 2-NCMF, is also available with patented (US Patent D552,969) Real Nail 3® telescoping bar hangers to position fixture and locate wiring prior to ceiling installation.
- Push-in electrical connectors included
- Die cast gimbal trims are available in finishes listed below

Ordering Information

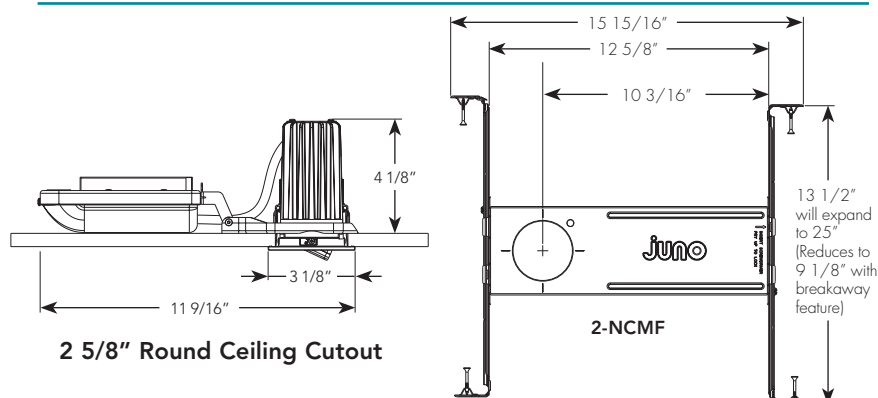
Example: **2SQA-927N1-WH**

Catalog No.	CRI/Color Temp.		Optic	Drivers	Finish	
2SQA Square Adjustable Gimbal	827	2700K, 80CRI	927 2700K, 90CRI	S 18° Spot	1 Dedicated 120V Only (Forward Phase + ELV Dimmable)	WH White
	830	3000K, 80CRI	930 3000K, 90CRI	N 24° Narrow Flood	U Universal Voltage 120-277V (0-10V Dimmable)	BL Black
	835	3500K, 80CRI	935 3500K, 90CRI	F 40° Flood		SN Satin Nickel
	841	4100K, 80CRI	941 4100K, 90CRI			BZ Bronze

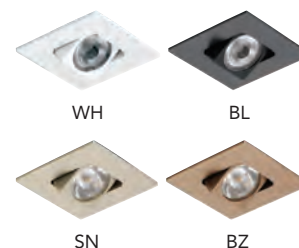
Accessories

Catalog No.	Description
2-NCMF	New Construction Mounting Frame with Real Nail® 3 bar hangers
2-JCTA150	Thick Ceiling adapter for 1" - 1 1/2" thick ceiling
LEDOPTIC2-S	18° Spot Optic
LEDOPTIC2-N	24° Narrow Flood Optic
LEDOPTIC2-F	40° Flood Optic

Dimensions



Trim Finishes





Description

Non-IC recessed housing with trim can be installed in either new construction or remodel applications • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing • Round niche fixture produces focused accent lighting from a miniature 2 1/2" aperture

Listings

UL Listed, cUL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

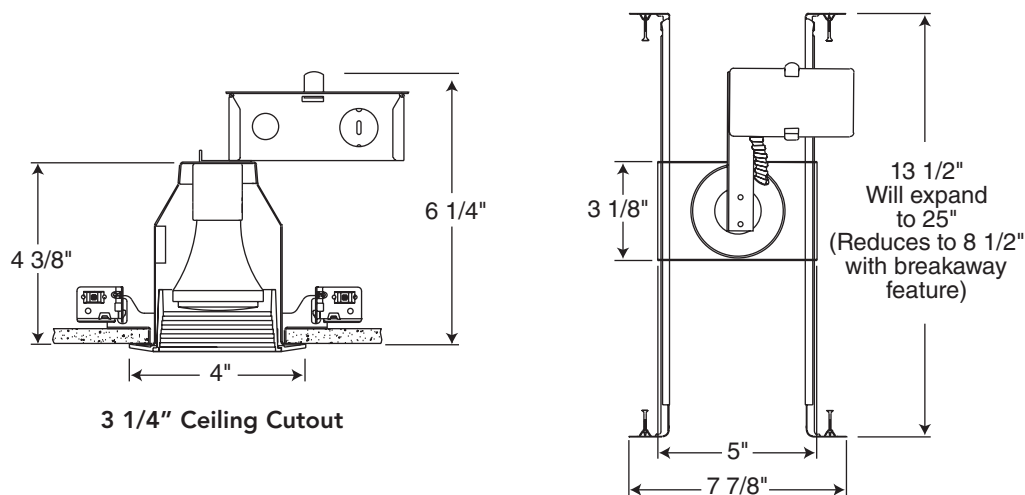
Features

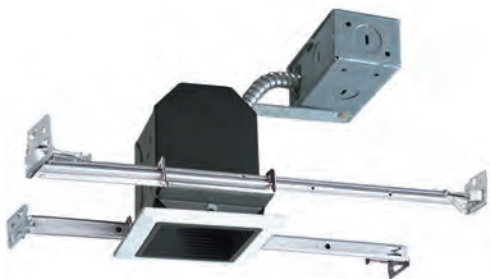
- 3" Shallow round housing fits into tight spaces
- Unique plaster frame design facilitates new or remodel type installation
- Shipped as a complete fixture with housing, trim and bar hangers
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
- Steel housing is fully assembled for ease of installation
- Medium base porcelain socket with nickel-plated copper screw shell
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (3) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum 4 #12 AWG minimum 90° C branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of insulation and lamps
- One 60W Max. PAR16 lamp

Ordering Information

Catalog No.	Description
TC18-184B-WH	Housing with black baffle, white trim ring
TC18-184W-WH	Housing with white baffle, white trim ring

Dimensions





Description

Non-IC recessed housing with trim can be installed in either new construction or remodel applications • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing • Square niche fixture produces focused accent lighting from a miniature 2 5/8" aperture

Listings

UL Listed, cUL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

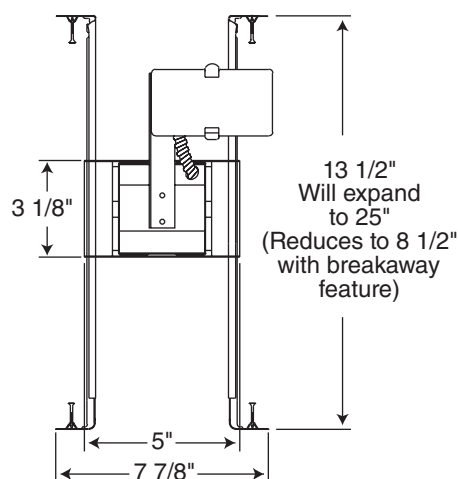
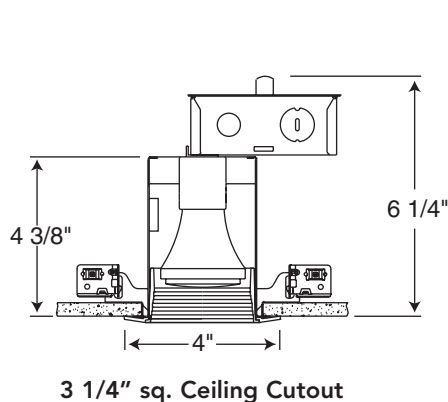
Features

- 3" Shallow square housing fits into tight spaces
- Unique plaster frame design facilitates new or remodel type installation
- Shipped as a complete fixture with housing, trim and bar hangers
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
- Steel housing is fully assembled for ease of installation
- Medium base porcelain socket with nickel-plated copper screw shell
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (3) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG minimum 90° C branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of insulation and lamps
- One 60W Max. PAR16 lamp

Ordering Information

Catalog No.	Description
TC19-194B-WH	Housing with black square baffle, white square trim ring

Dimensions





Down-Lites | 4RLD

4" Basics Series™ LED Retrofit Downlight Baffle Trim

600 Lumen



Description

Energy efficient LED retrofit module fits into standard 4" IC or Non-IC recessed housings • Replaces 50W incandescent lamp, producing 575 lumens at 11.5W • Dimmable with most standard incandescent dimmers and electronic low voltage dimmers • LED retrofit module is designed to provide 36,000 hours of life • 5 year warranty

Listings

• UL and cUL classified for use with most standard UL Listed 4" recessed incandescent housings and Juno IC1-LEDT24 and IC1R-LEDT24 • Suitable for wet locations (indoor covered ceilings) • ENERGY STAR® Qualified • Certified to the high efficacy requirements of California T24

Features

- Installs into existing 4" recessed housings with medium base sockets
- 2700K and 3000K color temperatures available with 90 CRI minimum
- Rated for 36,000 hours at 70% lumen maintenance
- All-in-one design where LED light engine mounts directly to trim for ease of installation
- LED array integrated to one piece high purity aluminum, thermally conductive housing provides uninterrupted heat transfer to ensure long life of the LED
- 120 volts operation
- Dimmable with the use of most standard incandescent, magnetic low voltage and electronic low voltage dimmers
- Retrofit module is compatible with most 4" recessed housings measuring at least 4" high with an inside diameter between 4" and 4 1/2"
- Provided with push-in friction springs
- Trim features quick connect plug installed
- Trim ships with a medium base socket adapter whip for installation into 4" incandescent housings with medium base sockets
- UL and cUL classified for use with 4" incandescent medium based housings and Juno IC1-LEDT24 or IC1R-LEDT24

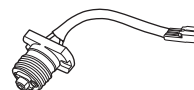
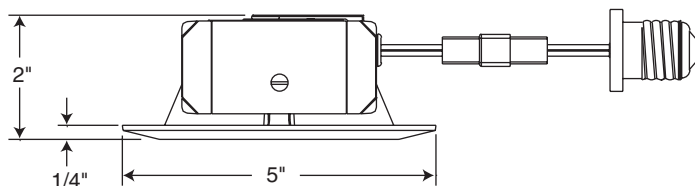
Ordering Information

Catalog No.	Description
4RLD-927-6-WWH	4" LED retrofit trim, 600 lumen, 2700K, White Baffle
4RLD-930-6-WWH	4" LED retrofit trim, 600 lumen, 3000K, White Baffle

Options (Compatible Housing)

Catalog No.	Description
IC1-LEDT24	Compatible 4" quick connect housing
IC1R-LEDT24	Compatible 4" quick connect remodel housing

Dimensions



Medium-based socket whip adapter included with trim



Down-Lites | 4RLA

4" Basics Series™ LED Retrofit Adjustable Trim

600 Lumen



Description

Energy efficient LED adjustable trim module fits into standard 4" IC or non-IC recessed housings • Replaces 50W incandescent lamp, producing over 600 lumens

• Adjustable gimbal design allows for up to 35° vertical aiming • LED retrofit module is designed to provide 36,000 hours of life • 5 year warranty

Listings

• UL and cUL classified for use with most standard UL Listed 4" recessed incandescent housings and Juno IC1-LEDT24 and IC1R-LEDT24 • Damp location • ENERGY STAR® Qualified • Certified to the high efficacy requirements of California T24

Features

- Installs into existing 4" recessed housings with medium base sockets
- 2700K and 3000K color temperatures available with 90 CRI minimum
- Rated for 36,000 hours at 70% lumen maintenance
- All-in-one design where LED light engine mounts directly to trim for ease of installation
- Cast aluminum gimbal provides up to 35° vertical adjustment
- Offered with choice of 25° narrow flood or 70° wide flood beam patterns
- LED source concealed with lensed optic
- LEDs are mounted directly to aluminum housing designed to provide superior thermal management and ensure long life
- 120 volts operation
- Dimmable with the use of most standard incandescent, magnetic low voltage and electronic low voltage dimmers
- Retrofit module is compatible with most 4" recessed housings measuring at least 4" high with an inside diameter between 4" and 4 1/2"
- Provided with push-in friction springs
- Trim features quick connect plug installed
- Trim ships with a medium base socket adapter whip for installation into 4" incandescent housings with medium base sockets
- UL and cUL classified for use with 4" incandescent medium based housings and Juno IC1-LEDT24 or IC1R-LEDT24

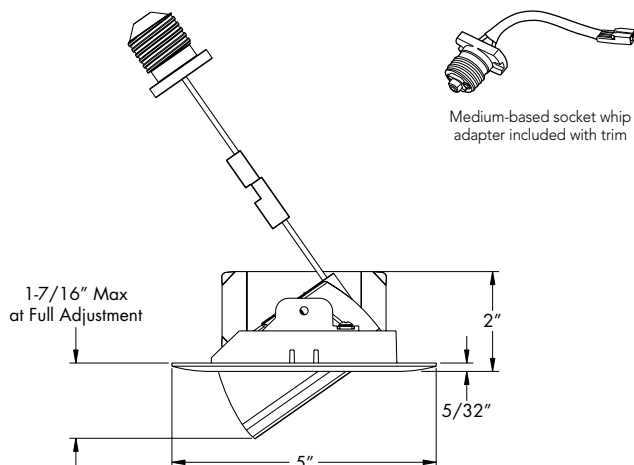
Ordering Information

Catalog No.	Description
4RLA-927-6-N-WH	4" LED retrofit adjustable trim, 2700K, Narrow Flood, White
4RLA-927-6-W-WH	4" LED retrofit adjustable trim, 2700K, Wide Flood, White
4RLA-930-6-N-WH	4" LED retrofit adjustable trim, 3000K, Narrow Flood, White
4RLA-930-6-W-WH	4" LED retrofit adjustable trim, 3000K, Wide Flood, White

Options (Compatible Housing)

Catalog No.	Description
IC1-LEDT24	Compatible 4" quick connect housing
IC1R-LEDT24	Compatible 4" quick connect remodel housing

Dimensions





Down-Lites | 4RLS

4" Basics Series™ LED Surface Mount Fixture

650 Lumen



Description

Sleek, ultra-low profile energy efficient LED surface mount fixture • Installs directly onto industry standard junction boxes and round mud rings • When used with accessory retrofit kit, can be installed into 4" IC or Non-IC recessed housings • LED surface mount fixture is designed to provide over 50,000 hours of life • 5 year warranty

Listings

• UL listed for US and Canada as a surface mounted luminaire • UL classified for US and Canada as a luminaire retrofit conversion for most standard UL listed 4" recessed incandescent housings (when used with optional accessory retrofit kit) • Suitable for damp locations • Suitable for wet locations (indoor covered ceilings) when fixture is sealed to ceiling with field applied caulk • ENERGY STAR® Qualified • Certified to the high efficacy requirements of California T24

Features

- Installs directly to industry standard junction boxes
 - Compatible boxes include 3-1/2" and 4" octagon junction boxes (1-1/2" minimum depth), round mud rings with 2-3/4" mounting centers, and 3" & 4" diameter non-metallic boxes
- Quick-mount strap and spring securement system provides fast installation of fully assembled fixture to junction box
- Suitable for ceiling or wall mount
- Compatible with most 4" recessed housings with an inside diameter between 4" and 4-1/2" when used with 4RLS-RETROKIT
- Over 650 lumens using 10W
- 2700K and 3000K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at >70% lumen maintenance
- Beveled aluminum trim frame with white finish
- Diffusing dome lens conceals the LEDs from direct view and provides uniform lens luminance.
- LED board mounted directly to aluminum housing designed to provide superior thermal management and ensure long life
- 120 volts operation
- Dimmable with most standard incandescent, magnetic low voltage and electronic low voltage dimmers

Ordering Information

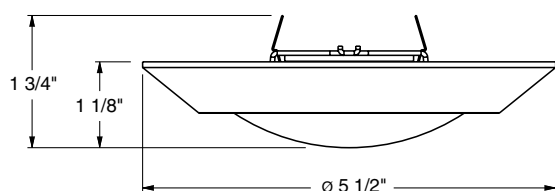
Catalog No.	Description
4RLS-927-6-WH	4" LED surface mount fixture, 2700K
4RLS-930-6-WH	4" LED surface mount fixture, 3000K

Accessory

Catalog No.	Description
4RLS-RETROKIT	Allows 4RLS to retrofit in 4" recessed housing. Kit contains: medium base adapter, mounting springs, and electrical connectors



Dimensions





Down-Lites | IC1-LEDT24

4" New Construction Housing IC Rated, Compatible with 4RLD and 4RLA Series



Description

IC Air-Loc® new construction housing for use with Juno retrofit LED trim modules • Double wall construction • Energy efficient, sealed inner housing does not require separate ALG gasket • Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • Can be completely covered with insulation

Listings

UL Listed for U.S. and Canada for through-branch wiring and damp locations

Ordering Information

Catalog No.	Description
IC1-LEDT24	4" IC new construction housing

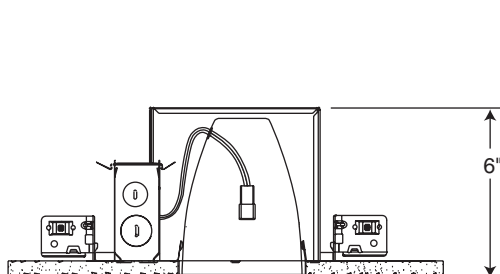
Features

- 4" quick connect housing
- Non-screw base 120V plug-in connector
- Vertically adjustable to accommodate up to a 1 1/4" ceiling thickness
- Aluminum housing is fully assembled for ease of installation
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
- Curved foot facilitates alignment with joist bottom
- Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed/CSA certified for through-branch wiring, maximum (4) #12 AWG 90° C branch circuit conductors (2 in, 2 out)
- Compatible with Juno 4RLD and 4RLA LED trim modules

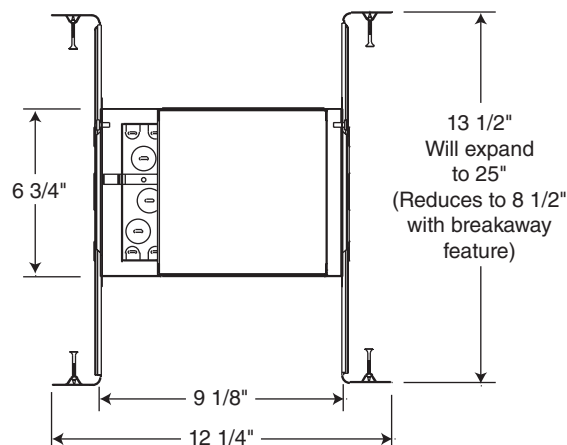
Options (Compatible LED Modules)

Catalog No.	Description
4RLD-927-6-WWH	Compatible Basics Series™ LED retrofit trim, 600 lumen, 2700K, White Baffle
4RLD-930-6-WWH	Compatible Basics Series™ LED retrofit trim, 600 lumen, 3000K, White Baffle
4RLA-927-6-N-WH	4" LED retrofit adjustable trim, 2700K, Narrow Flood, White
4RLA-927-6-W-WH	4" LED retrofit adjustable trim, 2700K, Wide Flood, White
4RLA-930-6-N-WH	4" LED retrofit adjustable trim, 3000K, Narrow Flood, White
4RLA-930-6-W-WH	4" LED retrofit adjustable trim, 3000K, Wide Flood, White

Dimensions



4 1/2" Ceiling Cutout





Down-Lites | IC1R-LEDT24

4" Remodel Housing IC Rated, Compatible with 4RLD and 4RLA Series



Description

IC Air-Loc® remodel housing for use with Juno retrofit LED trim modules • Energy efficient, sealed housing • IC remodel housing for remodel application where back side of ceiling is not accessible • Installs through an opening in the ceiling from below • Secured in place by factory installed remodel springs • Fully sealed housing stops exfiltration of air, reducing heating and cooling costs • Can be completely covered with insulation

Listings

UL Listed for U.S. and Canada for through-branch wiring and damp locations

Features

- 4" quick connect remodel housing
- Non-screw base 120V plug-in connector
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Pre-wired junction box with removable access plate, (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed/CSA certified for through-branch wiring, maximum (4) #12 AWG 90° C branch circuit conductors (2 in, 2 out)
- Compatible with Juno 4RLD and 4RLA LED trim modules

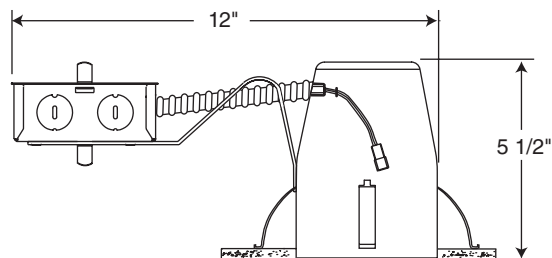
Ordering Information

Catalog No.	Description
IC1R-LEDT24	4" IC remodel housing

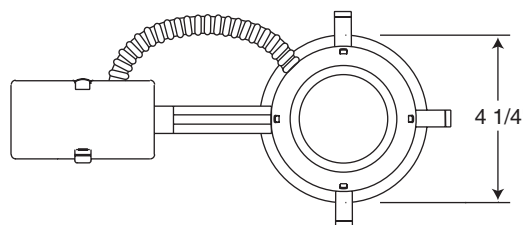
Options (Compatible LED Modules)

Catalog No.	Description
4RLD-927-6-WWH	Compatible Basics Series™ LED retrofit trim, 600 lumen, 2700K, White Baffle
4RLD-930-6-WWH	Compatible Basics Series™ LED retrofit trim, 600 lumen, 3000K, White Baffle
4RLA-927-6-N-WH	4" LED retrofit adjustable trim, 2700K, Narrow Flood, White
4RLA-927-6-W-WH	4" LED retrofit adjustable trim, 2700K, Wide Flood, White
4RLA-930-6-N-WH	4" LED retrofit adjustable trim, 3000K, Narrow Flood, White
4RLA-930-6-W-WH	4" LED retrofit adjustable trim, 3000K, Wide Flood, White

Dimensions



4 3/8" Ceiling Cutout





Down-Lites | 5RLD

5" Basics Series™ LED Retrofit Downlight Baffle Trim

600 Lumen



Description

Energy efficient LED retrofit module fits into standard 5" IC or Non-IC recessed housings • Replaces 65W incandescent lamp, producing 600 lumens at 11.5W • Dimmable with most standard incandescent dimmers and electronic low voltage dimmers • LED retrofit module is designed to provide 36,000 hours of life • 5 year warranty

Listings

• UL and cUL classified for use with most standard UL Listed 5" recessed incandescent housings and Juno IC20-LEDT24 and IC20R-LEDT24 • Suitable for wet locations (indoor covered ceilings) • ENERGY STAR® Qualified • Certified to the high efficacy requirements of California T24

Features

- Installs into existing 5" recessed housings with medium base sockets
- 2700K and 3000K color temperatures available with 90 CRI minimum
- Rated for 36,000 hours at 70% lumen maintenance
- All-in-one design where LED light engine mounts directly to trim for ease of installation
- LED array integrated to one piece high purity aluminum, thermally conductive housing provides uninterrupted heat transfer to ensure long life of the LED
- 120 volts operation
- Dimmable with the use of most standard incandescent, magnetic low voltage and electronic low voltage dimmers
- Retrofit module is compatible with most 5" recessed housings measuring at least 4" high with an inside diameter between 5" and 5 3/4"
- Provided with torsion springs
- Trim features quick connect plug installed
- Trim ships with a medium base socket adapter whip for installation into 5" incandescent housings with medium base sockets
- UL and cUL classified for use with 5" incandescent medium based housings and Juno IC20-LEDT24 or IC20R-LEDT24

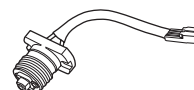
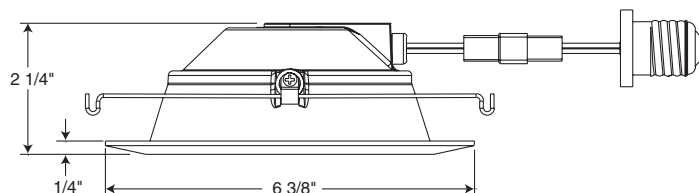
Ordering Information

Catalog No.	Description
5RLD-927-6-WWH	5" LED retrofit trim, 600 lumen, 2700K, White Baffle
5RLD-930-6-WWH	5" LED retrofit trim, 600 lumen, 3000K, White Baffle

Options (Compatible Housing)

Catalog No.	Description
IC20-LEDT24	Compatible 5" quick connect housing
IC20R-LEDT24	Compatible 5" quick connect remodel housing

Dimensions



Medium-based socket whip adapter included with trim



Down-Lites | 5RLA

5" Basics Series™ LED Retrofit Adjustable Trim

600 Lumen



Description

Energy efficient LED adjustable trim module fits into standard 5" IC or non-IC recessed housings • Replaces 65W incandescent lamp, producing over 600 lumens

• Adjustable gimbal design allows for up to 35° vertical aiming and 359° horizontal rotation • LED retrofit module is designed to provide 36,000 hours of life • 5 year warranty

Listings

• UL and cUL classified for use with most standard UL Listed 5" recessed incandescent housings and Juno IC20-LEDT24 and IC20R-LEDT24 • Damp location • ENERGY STAR® Qualified • Certified to the high efficacy requirements of California T24

Features

- Installs into existing 5" recessed housings with medium base sockets
- 2700K and 3000K color temperatures available with 90 CRI minimum
- Rated for 36,000 hours at 70% lumen maintenance
- All-in-one design where LED light engine mounts directly to trim for ease of installation
- Cast aluminum gimbal provides up to 35° vertical adjustment
- Offered with choice of 25° narrow flood or 70° wide flood beam patterns
- LED source concealed with lensed optic
- LEDs are mounted directly to aluminum housing designed to provide superior thermal management and ensure long life
- 120 volts operation
- Dimmable with the use of most standard incandescent, magnetic low voltage and electronic low voltage dimmers
- Retrofit module is compatible with most 5" recessed housings measuring at least 4" high with an inside diameter between 5" and 5 3/4"
- Provided with torsion springs
- Trim features quick connect plug installed
- Trim ships with a medium base socket adapter whip for installation into 5" incandescent housings with medium base sockets
- UL and cUL classified for use with 5" incandescent medium based housings and Juno IC20-LEDT24 or IC20R-LEDT24

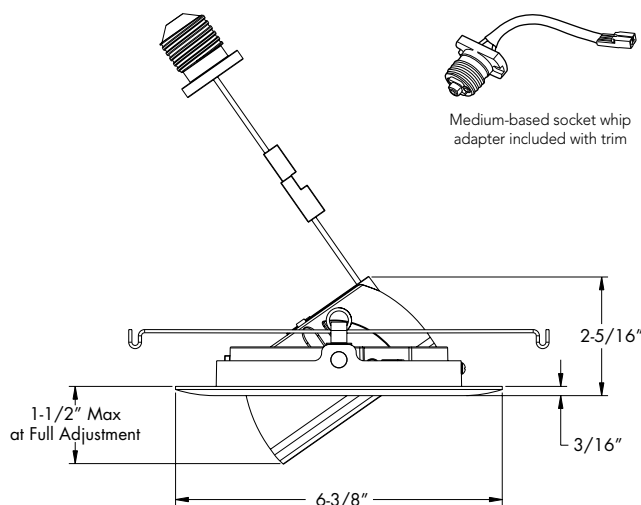
Ordering Information

Catalog No.	Description
5RLA-927-6-N-WH	5" LED retrofit adjustable trim, 2700K, Narrow Flood
5RLA-927-6-W-WH	5" LED retrofit adjustable trim, 2700K, Wide Flood
5RLA-930-6-N-WH	5" LED retrofit adjustable trim, 3000K, Narrow Flood
5RLA-930-6-W-WH	5" LED retrofit adjustable trim, 3000K, Wide Flood

Options (Compatible Housing)

Catalog No.	Description
IC20-LEDT24	Compatible 5" quick connect housing
IC20R-LEDT24	Compatible 5" quick connect remodel housing

Dimensions





Down-Lites | IC20-LEDT24

5" New Construction Housing IC Rated, Compatible with 5RLD Series



Description

IC Air-Loc® new construction housing for use with Juno retrofit LED trim modules • Energy efficient, sealed housing • Fully sealed housing stops exfiltration of air, reducing heating and air cooling costs without the use of additional gaskets • Can be completely covered with insulation

Listings

UL and cUL Listed for U.S. and Canada for through-branch wiring and damp locations

Features

- 5" quick connect housing
- Non-screw base 120V plug-in connector
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Slight lines embossed on mounting frame to allow for easy viewing when aligning fixtures
- Aluminum housing is fully assembled for ease of installation
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed/CSA certified for through-branch wiring, maximum (8) #12 AWG 90° C branch circuit conductors (4 in, 4 out)
- Compatible with Juno 5RLD and 5RLA LED trim modules

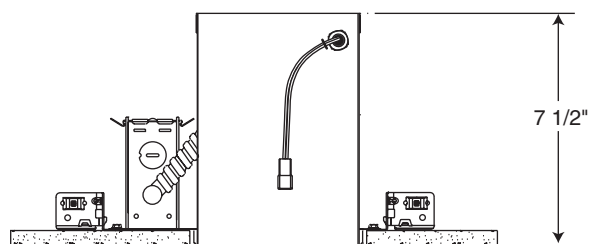
Ordering Information

Catalog No.	Description
IC20-LEDT24	5" IC new construction housing

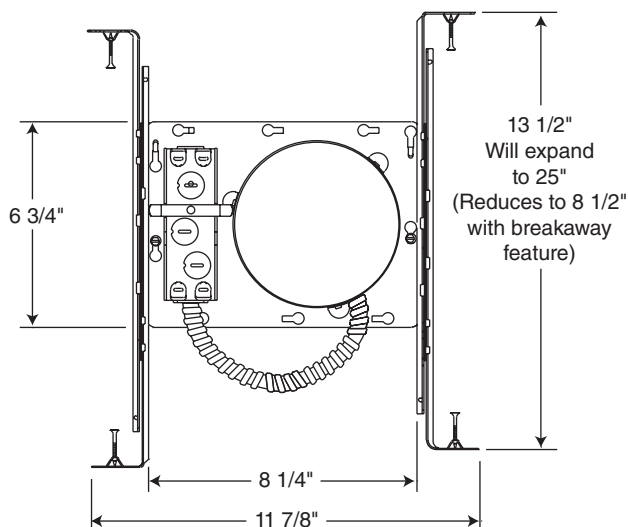
Options (Compatible LED Modules)

Catalog No.	Description
5RLD-927-6-WWH	Compatible Basics Series™ LED retrofit trim, 600 lumen, 2700K, White Baffle
5RLD-930-6-WWH	Compatible Basics Series™ LED retrofit trim, 600 lumen, 3000K, White Baffle
5RLA-927-6-N-WH	5" LED retrofit adjustable trim, 2700K, Narrow Flood
5RLA-927-6-W-WH	5" LED retrofit adjustable trim, 2700K, Wide Flood
5RLA-930-6-N-WH	5" LED retrofit adjustable trim, 3000K, Narrow Flood
5RLA-930-6-W-WH	5" LED retrofit adjustable trim, 3000K, Wide Flood

Dimensions



5 5/8" Ceiling Cutout





Down-Lites | IC20R-LEDT24

5" Remodel Housing IC Rated, Compatible with 5RLD and 5RLA Series



Description

IC Air-Loc® remodel housing for use with Juno retrofit LED trim modules • Energy efficient, sealed housing • IC remodel housing for remodel application where back side of ceiling is not accessible • Installs through an opening in the ceiling from below • Secured in place by factory installed remodel springs • Fully sealed housing stops exfiltration of air, reducing heating and air cooling costs without the use of additional gaskets • Can be completely covered with insulation

Listings

UL Listed for U.S. and Canada for through-branch wiring and damp locations

Ordering Information

Catalog No.	Description
IC20R-LEDT24	5" IC remodel housing

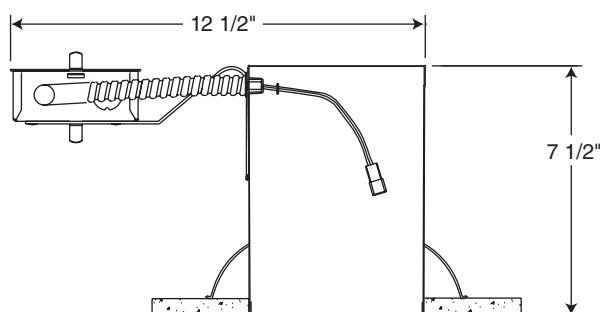
Features

- 5" quick connect remodel housing
- Non-screw base 120V plug-in connector
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Pre-wired junction box with removable access plate, (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed/CSA certified for through-branch wiring, maximum (4) #12 AWG 90° C branch circuit conductors (2 in, 2 out)
- Compatible with Juno 5RLD and 5RLA LED trim modules

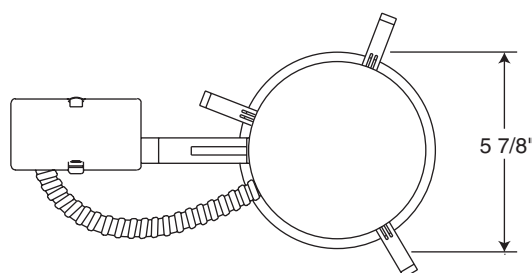
Options (Compatible LED Modules)

Catalog No.	Description
5RLD-927-6-WWH	Compatible Basics Series™ LED retrofit trim, 600 lumen, 2700K, White Baffle
5RLD-930-6-WWH	Compatible Basics Series™ LED retrofit trim, 600 lumen, 3000K, White Baffle
5RLA-927-6-N-WH	5" LED retrofit adjustable trim, 2700K, Narrow Flood
5RLA-927-6-W-WH	5" LED retrofit adjustable trim, 2700K, Wide Flood
5RLA-930-6-N-WH	5" LED retrofit adjustable trim, 3000K, Narrow Flood
5RLA-930-6-W-WH	5" LED retrofit adjustable trim, 3000K, Wide Flood

Dimensions



5 1/2" Ceiling Cutout





Down-Lites | 6RLD

6" Basics Series™ LED Retrofit Downlight Baffle Trim

600 Lumen



Description

Energy efficient LED retrofit module fits into standard 6" IC or Non-IC recessed housings • Replaces 65W incandescent lamp, producing 600 lumens at 11.5W • Dimmable with most standard incandescent dimmers and electronic low voltage dimmers • LED retrofit module is designed to provide 36,000 hours of life • 5 year warranty

Listings

- UL and cUL classified for use with most standard UL Listed 6" recessed incandescent housings and Juno IC23-LEDT24 and IC23R-LEDT24
- Suitable for wet locations
- ENERGY STAR® Qualified
- Certified to the high efficacy requirements of California T24

Features

- Installs into existing 6" recessed housings with medium base sockets
- 2700K and 3000K color temperatures available with 90 CRI minimum
- Rated for 36,000 hours at 70% lumen maintenance
- All-in-one design where LED light engine mounts directly to trim for ease of installation
- LED array integrated to one piece high purity aluminum, thermally conductive housing provides uninterrupted heat transfer to ensure long life of the LED
- 120 volts operation
- Dimmable with the use of most standard incandescent, magnetic low voltage and electronic low voltage dimmers
- Retrofit module is compatible with most 6" recessed housings measuring at least 4" high with an inside diameter between 5 3/4" and 7"
- Provided with torsion springs
- Trim features quick connect plug installed
- Trim ships with a medium base socket adapter whip for installation into 6" incandescent housings with medium base sockets
- UL and cUL classified for use with 6" incandescent medium based housings and Juno IC23-LEDT24 or IC23R-LEDT24

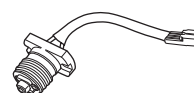
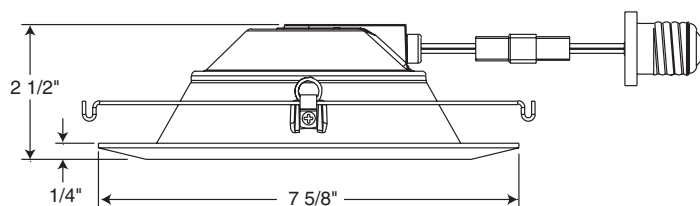
Ordering Information

Catalog No.	Description
6RLD-927-6-WWH	6" LED retrofit trim, 600 lumen, 2700K, White Baffle
6RLD-930-6-WWH	6" LED retrofit trim, 600 lumen, 3000K, White Baffle

Options (Compatible Housing)

Catalog No.	Description
IC23-LEDT24	Compatible 6" quick connect housing
IC23R-LEDT24	Compatible 6" quick connect remodel housing

Dimensions



Medium-based socket whip adapter included with trim



Down-Lites | 6RLA

6" Basics Series™ LED Retrofit Adjustable Trim

600 Lumen



Description

Energy efficient LED adjustable trim module fits into standard 6" IC or non-IC recessed housings • Replaces 65W incandescent lamp, producing over 600 lumens

• Adjustable gimbal design allows for up to 35° vertical aiming and 359° horizontal rotation • LED retrofit module is designed to provide 36,000 hours of life • 5 year warranty

Listings

• UL and cUL classified for use with most standard UL Listed 6" recessed incandescent housings and Juno IC23-LEDT24 and IC23R-LEDT24 • Damp location • ENERGY STAR® Qualified • Certified to the high efficacy requirements of California T24

Features

- Installs into existing 6" recessed housings with medium base sockets
- 2700K and 3000K color temperatures available with 90 CRI minimum
- Rated for 36,000 hours at 70% lumen maintenance
- All-in-one design where LED light engine mounts directly to trim for ease of installation
- Cast aluminum gimbal provides up to 35° vertical adjustment
- Offered with choice of 25° narrow flood or 70° wide flood beam patterns
- LED source concealed with lensed optic
- LEDs are mounted directly to aluminum housing designed to provide superior thermal management and ensure long life
- 120 volts operation
- Dimmable with the use of most standard incandescent, magnetic low voltage and electronic low voltage dimmers
- Retrofit module is compatible with most 6" recessed housings measuring at least 4" high with an inside diameter between 5 3/4" and 7"
- Provided with torsion springs
- Trim features quick connect plug installed
- Trim ships with a medium base socket adapter whip for installation into 6" incandescent housings with medium base sockets
- UL and cUL classified for use with 6" incandescent medium based housings and Juno IC23-LEDT24 or IC23R-LEDT24

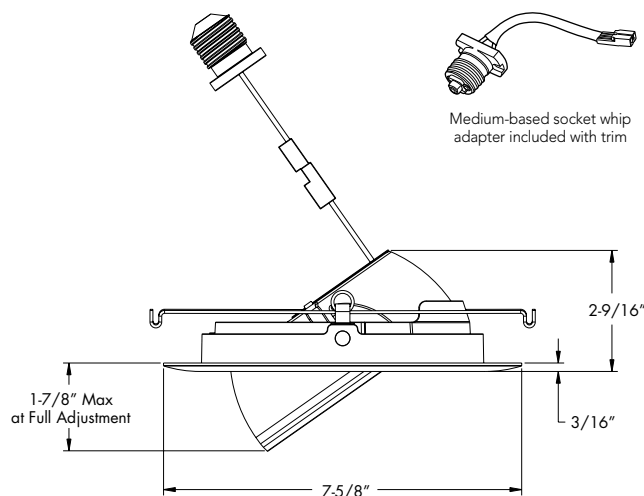
Ordering Information

Catalog No.	Description
6RLA-927-6-N-WH	6" LED retrofit adjustable trim, 2700K, Narrow Flood
6RLA-927-6-W-WH	6" LED retrofit adjustable trim, 2700K, Wide Flood
6RLA-930-6-N-WH	6" LED retrofit adjustable trim, 3000K, Narrow Flood
6RLA-930-6-W-WH	6" LED retrofit adjustable trim, 3000K, Wide Flood

Options (Compatible Housing)

Catalog No.	Description
IC23-LEDT24	Compatible 6" quick connect housing
IC23R-LEDT24	Compatible 6" quick connect remodel housing

Dimensions





Down-Lites | 6RLS

6" Basics Series™ LED Surface Mount Fixture

650 and 950 Lumen



Description

Sleek, ultra-low profile energy efficient LED surface mount fixture • Installs directly onto industry standard junction boxes and round mud rings • When used with accessory retrofit kit, can be installed into 5" or 6" IC or Non-IC recessed housings • LED surface mount fixture is designed to provide over 50,000 hours of life • 5 year warranty

Listings

• UL listed for US and Canada as a surface mounted luminaire
• UL classified for US and Canada as a luminaire retrofit conversion for most standard UL listed 5" or 6" recessed incandescent housings (when used with optional accessory retrofit kit) • Suitable for damp locations • Suitable for wet locations (indoor covered ceilings) when fixture is sealed to ceiling with field applied caulk • ENERGY STAR® Qualified
• Certified to the high efficacy requirements of California T24

Features

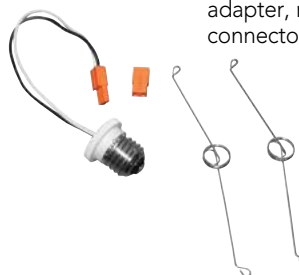
- Installs directly to industry standard junction boxes
 - Compatible boxes include 3-1/2" and 4" octagon junction boxes (1-1/2" minimum depth), round mud rings with 2-3/4" mounting centers, and 3" & 4" diameter non-metallic boxes
- Quick-mount strap and spring securement system provides fast installation of fully assembled fixture to junction box
- Suitable for ceiling or wall mount
- Compatible with most 5" or 6" recessed housings with an inside diameter between 5" and 7" when used with 56RLS-RETROKIT
- Over 650 lumens using 10W or over 950 lumens using 14.5W
- 2700K and 3000K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at >70% lumen maintenance
- Beveled aluminum trim frame with white finish
- Diffusing dome lens conceals the LEDs from direct view and provides uniform lens luminance.
- LED board mounted directly to aluminum housing designed to provide superior thermal management and ensure long life
- 120 volts operation
- Dimmable with most standard incandescent, magnetic low voltage and electronic low voltage dimmers

Ordering Information

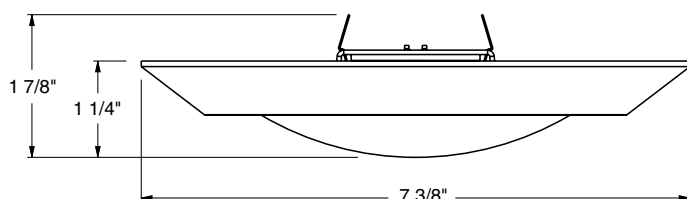
Catalog No.	Description
650 Lumen	
6RLS-927-6-WH	6" LED surface mount fixture, 650 lumen 2700K
6RLS-930-6-WH	6" LED surface mount fixture, 650 lumen 3000K
950 Lumen	
6RLS-927-9-WH	6" LED surface mount fixture, 950 lumen 2700K
6RLS-930-9-WH	6" LED surface mount fixture, 950 lumen 3000K

Accessory

Catalog No.	Description
56RLS-RETROKIT	Allows 6RLS to retrofit in 5" or 6" recessed housing. Kit contains: medium base adapter, mounting springs, and electrical connectors



Dimensions





Down-Lites | J6RLG4

6" IC LED Retrofit Downlight Trim Module

600 and 900 Lumen



Description

All-in-one 6" LED Retrofit downlight trim installs into existing 6" incandescent housings with medium base sockets or Juno IC23-LEDT24 and IC23R-LEDT24 quick connect recessed housings • May be used in housings completely covered with insulation • Selection of interchangeable baffle and cone trim inserts can be changed in the field to customize the look of the product • Dimmable with most standard incandescent or electronic low voltage dimmers • Designed to provide 50,000 hours of life

Listings

• UL and cUL classified • Suitable for wet locations
• ENERGY STAR® Qualified when used with select baffle and cone inserts • Certified to the high efficiency requirements of California T24 when used with select baffle and cone inserts

Features

- Installs into existing 6" incandescent housings with medium base sockets
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens using 11.4W or over 900 lumens using 14.5W
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- All-in-one design where LED light engine mounts directly to trim
- LED array integrated to one piece high purity aluminum, thermally conductive housing provides uninterrupted heat transfer to ensure long life of the LED
- Computer-optimized reflector design with high reflectance white finish coupled with a high transmission diffusing lens conceals the LEDs
- 120 volts operation
- Dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Retrofit module is compatible with most 6" recessed housings measuring at least 5 1/4" high with an inside diameter between 6" and 6 3/4"
- Trim features quick connect plug installed
- Trim ships with a medium base socket adapter whip for installation into 6" incandescent housings with medium base sockets
- UL and cUL classified for use with 6" incandescent medium based housings and Juno IC23-LEDT24 or IC23R-LEDT24

Ordering Information

Example: J6RLG4-27K-6-WWH

Catalog No.	Color Temp.	Lumen Package	Trim
J6RLG4	27K 2700K	6 600 Lumen	WWH White Baffle
	3K 3000K	9 900 Lumen	BWH Black Baffle
	35K 3500K		CLW Clear Cone
	41K 4100K		WHW White Cone
			HZW Haze Cone
			WZW Wheat Haze Cone

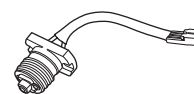
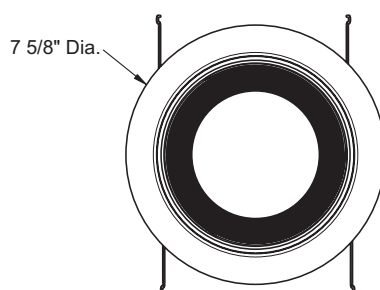
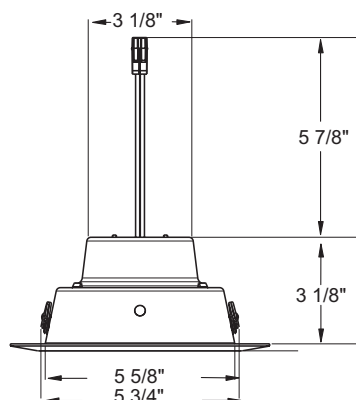
Accessories

Catalog No.	Description
J6RLTRIM-WWH	White Baffle Trim Insert
J6RLTRIM-BWH	Black Baffle Trim Insert
J6RLTRIM-CLW	Clear Cone Trim Insert
J6RLTRIM-WHW	White Cone Trim Insert
J6RLTRIM-HZW	Haze Cone Trim Insert
J6RLTRIM-WZW	Wheat Haze Cone Trim Insert

Options

Catalog No.	Description
IC23-LEDT24	Compatible 6" quick connect housing
IC23R-LEDT24	Compatible 6" quick connect remodel housing
V6RL-TRB	V6RL torsion receiver bracket kit

Dimensions



Medium-based socket whip adapter included with trim



Down-Lites | J6RLWDG4N

6" WarmDim® LED Retrofit Downlight Trim Module

600 Lumen



Description

All-in-one 6" LED Retrofit downlight trim with patented (US Patent 8,710,754) WarmDim® technology installs into existing 6" incandescent housings with medium base sockets or Juno IC23-LEDT24 and IC23R-LEDT24 quick connect recessed housings • May be used in housings completely covered with insulation • Selection of interchangeable baffle and cone trim inserts can be changed in the field to customize the look of the product • Dimmable with most standard incandescent or electronic low voltage dimmers • Designed to provide 50,000 hours of life

Listings

• UL and cUL classified • Suitable for wet locations
• Union made • ENERGY STAR® Qualified when used with select baffle and cone inserts • Certified to the high efficiency requirements of California T24 when used with select baffle and cone inserts

Features

- Installs into existing 6" incandescent housings with medium base sockets
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens using 12W
- 3000K color temperature at full lumen output and dims to 2000K at low end, maintaining 90 CRI throughout dimming range
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- Rated for 50,000 hours at 70% lumen maintenance
- All-in-one design where LED light engine mounts directly to trim
- LED array integrated to one piece high purity aluminum, thermally conductive housing provides uninterrupted heat transfer to ensure long life of the LED
- Computer-optimized reflector design with high reflectance white finish coupled with a high transmission diffusing lens conceals the LEDs
- Dedicated 120 volt driver
- Driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Retrofit module is compatible with most 6" recessed housings measuring at least 5 1/4" high with an inside diameter between 6" and 6 3/4"
- Trim features quick connect plug installed
- Trim ships with a medium base socket adapter whip for installation into 6" incandescent housings with medium base sockets
- UL and cUL classified for use with 6" incandescent medium based housings and Juno IC23-LEDT24 or IC23R-LEDT24

Ordering Information Example: J6RLWDG4N-3K-6-WWH

Catalog No.	Color Temp.	Lumen Package	Trim
J6RLWDG4N	3K 3000K	6 600 Lumen	WWH White Baffle BWH Black Baffle CLW Clear Cone WHW White Cone HZW Haze Cone WZW Wheat Haze Cone

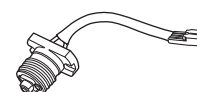
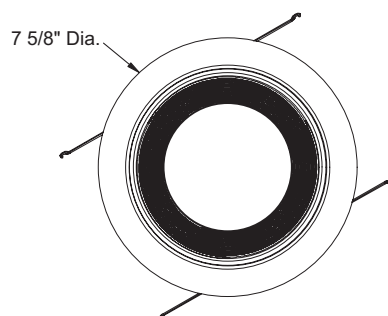
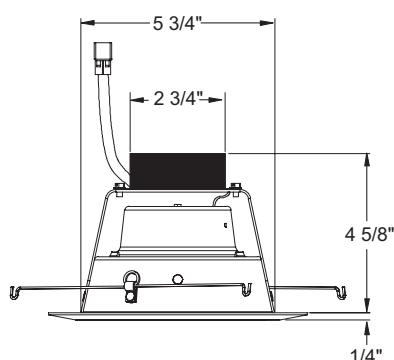
Accessories

Catalog No.	Description
J6RLTRIM-WWH	White Baffle Trim Insert
J6RLTRIM-BWH	Black Baffle Trim Insert
J6RLTRIM-CLW	Clear Cone Trim Insert
J6RLTRIM-WHW	White Cone Trim Insert
J6RLTRIM-HZW	Haze Cone Trim Insert
J6RLTRIM-WZW	Wheat Haze Cone Trim Insert

Options

Catalog No.	Description
IC23-LEDT24	Compatible 6" quick connect housing
IC23R-LEDT24	Compatible 6" quick connect remodel housing
V6RL-TRB	V6RL torsion receiver bracket kit

Dimensions



Medium-based socket whip adapter included with trim



Down-Lites | J6RLEG4

6" IC LED Retrofit Eyeball Trim Module

600 and 900 Lumen



Description

All-in-one 6" LED Retrofit eyeball trim installs into existing 6" incandescent housings with medium base sockets or Juno IC23-LEDT24 and IC23R-LEDT24 quick connect recessed housings • May be used in housings completely covered with insulation • Adjustable eyeball design allows for 30° vertical adjustment, rotates 358° • Field installable optic accessories available to provide different beam spread options • Dimmable with most standard incandescent or electronic low voltage dimmers • Designed to provide 50,000 hours of life

Listings

- UL and cUL classified • Suitable for damp locations
- Union made • ENERGY STAR® Qualified • Certified to the high efficiency requirements of California T24

Features

- Installs into existing 6" incandescent housings with medium base sockets
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens using less than 12W* or over 900 lumens using less than 15.8W*
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- All-in-one design where LED light engine mounts directly to trim
- Up to 30° vertical adjustment, rotates 358°
- LED array integrated to one piece high purity aluminum, thermally conductive eyeball housing provides uninterrupted heat transfer to ensure long life of the LED
- Computer-optimized reflector design with high reflectance white finish coupled with a high transmission diffusing lens conceals the LEDs
- Wide flood optic (75°) provided as standard
- Dedicated 120 volt driver
- Driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Retrofit module is compatible with most 6" recessed housings measuring at least 5 1/4" high with an inside diameter between 6" and 6 3/4"
- Trim features quick connect plug installed
- Trim ships with a medium base socket adapter whip for installation into 6" incandescent housings with medium base sockets
- UL and cUL classified for use with 6" incandescent medium based housings and Juno IC23-LEDT24 or IC23R-LEDT24

*Nominal input wattage under stable operating conditions

Ordering Information

Example: J6RLEG4-27K-9-WH

Catalog No.	Color Temp.	Lumen Package	Finish
J6RLEG4	27K 2700K	6 600 Lumen	WH White
	3K 3000K	9 900 Lumen	
	35K 3500K		
	41K 4100K		

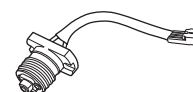
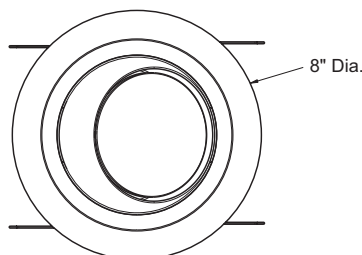
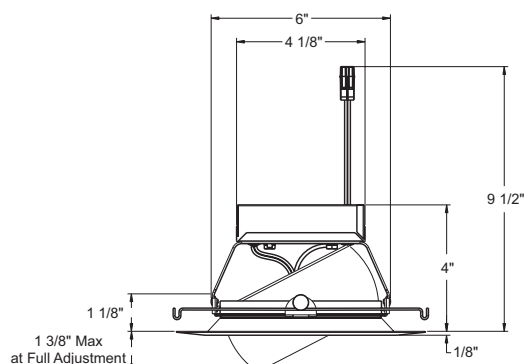
Accessories

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Options

Catalog No.	Description
IC23-LEDT24	Compatible 6" quick connect housing
IC23R-LEDT24	Compatible 6" quick connect remodel housing
V6RL-TRB	V6RL torsion receiver bracket kit

Dimensions



Medium-based socket whip adapter included with trim



Down-Lites | J6RLEWDG4N

6" WarmDim® LED Retrofit Eyeball Trim Module

600 Lumen



Description

All-in-one 6" LED Retrofit eyeball trim with patented (US Patent 8,710,754) WarmDim® technology installs into existing 6" incandescent housings with medium base sockets or Juno IC23-LEDT24 and IC23R-LEDT24 quick connect recessed housings • May be used in housings completely covered with insulation • Adjustable eyeball design allows for 30° vertical adjustment • Field installable optic accessory available to provide medium flood option • Dimmable with most standard incandescent or electronic low voltage dimmers • Designed to provide 50,000 hours of life

Listings

• UL and cUL classified • Suitable for damp locations
• Union made • ENERGY STAR® Qualified • Certified to the high efficiency requirements of California T24

Features

- Installs into existing 6" incandescent housings with medium base sockets
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens using 12W
- 3000K color temperature at full lumen output and dims to 2000K at low end maintaining 90 CRI throughout dimming range
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- Rated for 50,000 hours at 70% lumen maintenance
- All-in-one design where LED light engine mounts directly to trim
- Up to 30° vertical adjustment, rotates 358°
- LED array integrated to one piece high purity aluminum, thermally conductive eyeball housing provides uninterrupted heat transfer to ensure long life of the LED
- Computer-optimized reflector design with high reflectance white finish coupled with a high transmission diffusing lens conceals the LEDs
- Wide flood optic (75°) provided as standard
- Dedicated 120 volt driver
- Driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Retrofit module is compatible with most 6" recessed housings measuring at least 5 1/4" high with an inside diameter between 6" and 6 3/4"
- Trim features quick connect plug installed
- Trim ships with a medium base socket adapter whip for installation into 6" incandescent housings with medium base sockets
- UL and cUL classified for use with 6" incandescent medium based housings and Juno IC23-LEDT24 or IC23R-LEDT24

Ordering Information Example: J6RLEWDG4N-3K-6-WH

Catalog No.	Color Temp.	Lumen Package	Finish
J6RLEWDG4N	3K 3000K	6 600 Lumen	WH White

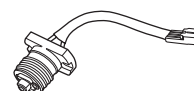
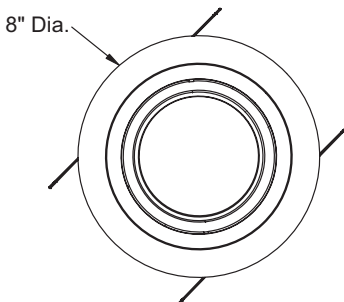
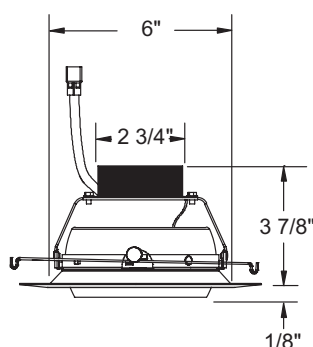
Accessories

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)

Options

Catalog No.	Description
IC23-LEDT24	Compatible 6" quick connect housing
IC23R-LEDT24	Compatible 6" quick connect remodel housing
V6RL-TRB	V6RL torsion receiver bracket kit

Dimensions



Medium-based socket whip adapter included with trim



Down-Lites | IC23-LEDT24

6" New Construction Housing IC Rated, Compatible with 6RLD, 6RLA, J6RL, J6RLE, J6RLWD, J6RLEWD Series



Description

IC Air-Loc® new construction housing for use with Juno retrofit LED trim modules • Energy efficient, sealed housing • Fully sealed housing stops exfiltration of air, reducing heating and air cooling costs without the use of additional gaskets • Can be completely covered with insulation

Listings

UL Listed for U.S. and Canada for through-branch wiring and damp locations

Features

- 6" quick connect housing
- Non-screw base 120V plug-in connector
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Slight lines embossed on mounting frame to allow for easy viewing when aligning fixtures
- Aluminum housing is fully assembled for ease of installation
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed/CSA certified for through-branch wiring, maximum (8) #12 AWG 90° C branch circuit conductors (4 in, 4 out)
- Compatible with Juno 6RLD, 6RLA, J6RL, J6RLE, J6RLWD and J6RLEWD LED trim modules

Ordering Information

Catalog No.	Description
IC23-LEDT24	6" IC new construction housing

Options (Compatible LED Modules)

Catalog No.	Description
6RLD-927-6-WWH	6" LED retrofit trim, 600 lumen, 2700K, White Baffle
6RLD-930-6-WWH	6" LED retrofit trim, 600 lumen, 2700K, White Baffle
6RLA-927-6-N-WH	6" LED retrofit adjustable trim, 2700K, Narrow Flood
6RLA-927-6-W-WH	6" LED retrofit adjustable trim, 2700K, Wide Flood
6RLA-930-6-N-WH	6" LED retrofit adjustable trim, 3000K, Narrow Flood
6RLA-930-6-W-WH	6" LED retrofit adjustable trim, 3000K, Wide Flood

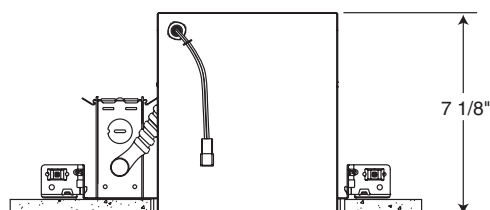
Catalog No.	Color Temp.	Lumen Package	Trim
J6RLG4	27K 2700K	6 600 Lumen	WWH White Baffle
	3K 3000K	9 900 Lumen	BWH Black Baffle
	35K 3500K		CLW Clear Cone
	41K 4100K		WHW White Cone
			HZW Haze Cone
			WZW Wheat Haze Cone

Catalog No.	Color Temp.	Lumen Package	Trim
J6RLWDG4N	3K 3000K	6 600 Lumen	WWH White Baffle
			BWH Black Baffle
			CLW Clear Cone
			WHW White Cone
			HZW Haze Cone
			WZW Wheat Haze Cone

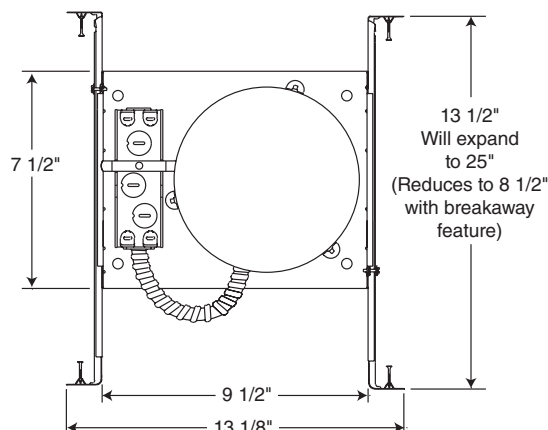
Catalog No.	Color Temp.	Lumen Package	Finish
J6RLEG4	27K 2700K	6 600 Lumen	WH White
	3K 3000K	9 900 Lumen	
	35K 3500K		
	41K 4100K		

Catalog No.	Color Temp.	Lumen Package	Finish
J6RLEWDG4N	3K 3000K	6 600 Lumen	WH White

Dimensions



6 7/8" Ceiling Cutout





Down-Lites | IC23R-LEDT24

6" Remodel Housing IC Rated, Compatible with 6RLD, 6RLA, J6RL, J6RLE, J6RLWD, J6RLEWD Series



Description

IC Air-Loc® remodel housing for use with Juno retrofit LED trim modules • Energy efficient, sealed housing • IC remodel housing for remodel application where back side of ceiling is not accessible • Installs through an opening in the ceiling from below • Secured in place by factory installed remodel springs • Fully sealed housing stops exfiltration of air, reducing heating and air cooling costs without the use of additional gaskets • Can be completely covered with insulation

Listings

UL Listed for U.S. and Canada for through-branch wiring and damp locations

Features

- 6" quick connect remodel housing
- Non-screw base 120V plug-in connector
- Remodel springs accommodate up to a 1 3/4" ceiling thickness
- Pre-wired junction box with removable access plate, (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed/CSA certified for through-branch wiring, maximum (4) #12 AWG 90° C branch circuit conductors (2 in, 2 out)
- Compatible with Juno 6RLD, 6RLA, J6RL, J6RLE, J6RLWD and J6RLEWD LED trim modules

Ordering Information

Catalog No.	Description
IC23R-LEDT24	6" IC remodel housing

Options (Compatible LED Modules)

Catalog No.	Description
6RLD-927-6-WWH	6" LED retrofit trim, 600 lumen, 2700K, White Baffle
6RLD-930-6-WWH	6" LED retrofit trim, 600 lumen, 2700K, White Baffle
6RLA-927-6-N-WH	6" LED retrofit adjustable trim, 2700K, Narrow Flood
6RLA-927-6-W-WH	6" LED retrofit adjustable trim, 2700K, Wide Flood
6RLA-930-6-N-WH	6" LED retrofit adjustable trim, 3000K, Narrow Flood
6RLA-930-6-W-WH	6" LED retrofit adjustable trim, 3000K, Wide Flood

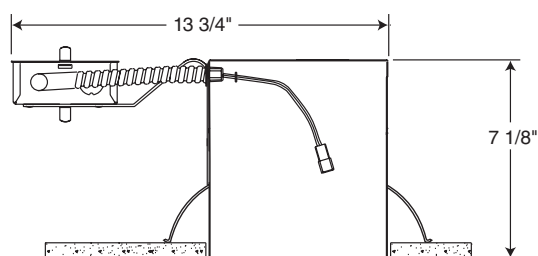
Catalog No.	Color Temp.	Lumen Package	Trim
J6RLG4	27K 2700K	6 600 Lumen	WWH White Baffle
	3K 3000K	9 900 Lumen	BWH Black Baffle
	35K 3500K		CLW Clear Cone
	41K 4100K		WHW White Cone
			HZW Haze Cone
			WZW Wheat Haze Cone

Catalog No.	Color Temp.	Lumen Package	Trim
J6RLWDG4N	3K 3000K	6 600 Lumen	WWH White Baffle
			BWH Black Baffle
			CLW Clear Cone
			WHW White Cone
			HZW Haze Cone
			WZW Wheat Haze Cone

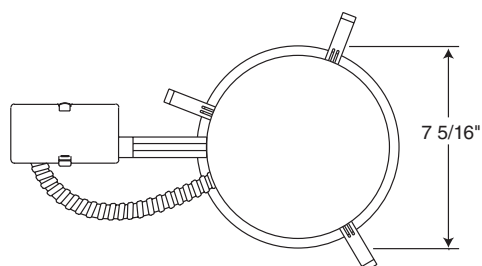
Catalog No.	Color Temp.	Lumen Package	Finish
J6RLEG4	27K 2700K	6 600 Lumen	WH White
	3K 3000K	9 900 Lumen	
	35K 3500K		
	41K 4100K		

Catalog No.	Color Temp.	Lumen Package	Finish
J6RLEWDG4N	3K 3000K	6 600 Lumen	WH White

Dimensions



6 3/4" Ceiling Cutout





Down-Lites | IC1LEDG4

4" LED Downlight Housing IC Rated

600 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with integral light engine • No extra gasket required • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 11, 12, 12SQ, 4101 and 4102 trims • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 4" LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens with select trims using less than 12W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive inner housing and heat sink provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to inner housing assembly and incorporates the latest generation, high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 1 1/2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL Listed for through-branch wiring, maximum (6) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC1LEDG4, IC1LWDG4N, IC91LEDG4 and IC91LWDG4 Series

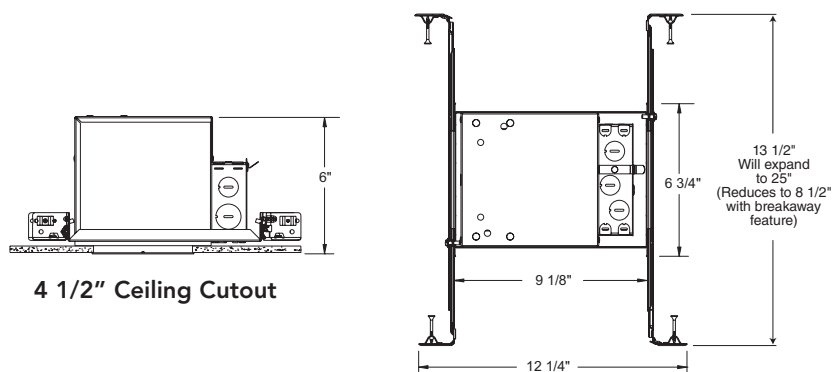
*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

Example: IC1LEDG4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC1LEDG4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	U Universal Voltage, 120-277V (0-10V dimming)
	35K 3500K	
	41K 4100K	

Dimensions





Down-Lites | IC1RLEDG4

4" LED Downlight Remodel Housing IC Rated

600 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed remodel housing with integral light engine • For applications where the backside of the ceiling is not accessible • Can be completely covered with insulation • Secured in place by factory installed remodel springs • When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 11, 12, 12SQ, 4101 and 4102 trims • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 4" LED remodel housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens with select trims using less than 12W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing and heat sink provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing assembly and incorporates the latest generation, high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Knockouts equipped with pryout slots
- Push-in electrical connectors included
- Trim selection follows IC1LEDG4, IC1LWDG4N, IC91LEDG4 and IC91LWDG4 Series

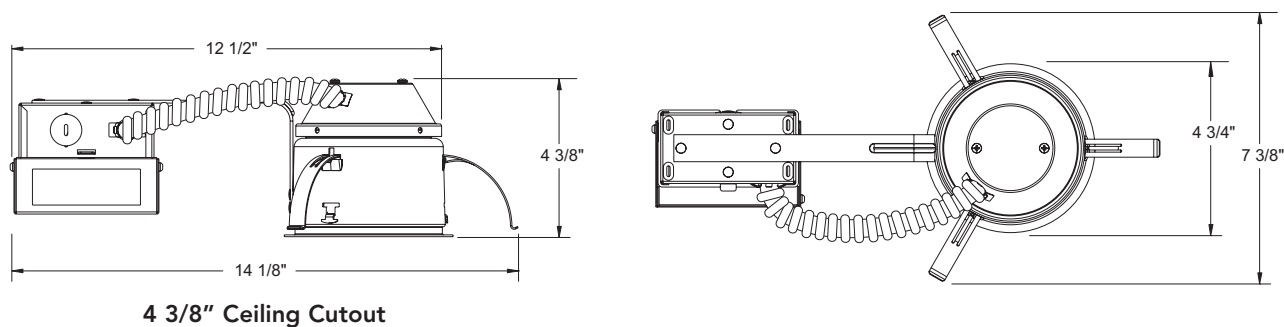
*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

Example: IC1RLEDG4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC1RLEDG4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	U Universal Voltage, 120-277V (0-10V dimming)
	35K 3500K	
	41K 4100K	

Dimensions





Down-Lites | IC1LWDG4N

4" WarmDim® LED Downlight Housing IC Rated

600 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with patented (US Patent 8,710,754) WarmDim® technology • LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources • No extra gasket required • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 11, 12, 12SQ, 4101 and 4102 trims • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

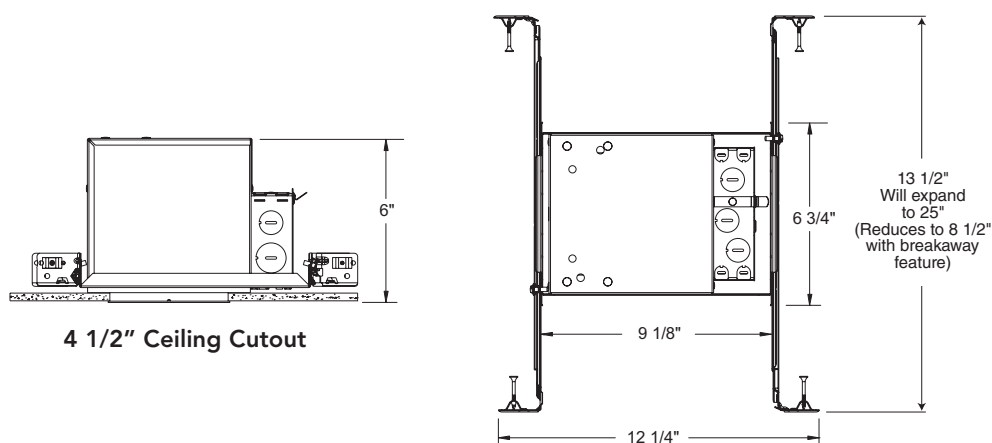
Features

- 4" WarmDim LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens with select trims using 12W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end, maintaining 90 CRI throughout dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive inner housing and heat sink provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Housing is vertically adjustable to accommodate up to a 1 1/2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL Listed for through-branch wiring, maximum (6) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC1LEDG4, IC1LWDG4N, IC91LEDG4 and IC91LWDG4 Series

Ordering Information

Catalog No.	Description
IC1LWDG4N-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

Dimensions





Down-Lites | IC1RLWDG4N

4" WarmDim® LED Downlight Remodel Housing IC Rated

600 Lumen



Description

IC rated dedicated LED, Air-Loc® remodel housing with patented (US Patent 8,710,754) WarmDim® technology

- LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources
- For applications where the backside of the ceiling is not accessible
- Can be completely covered with insulation
- Secured in place by factory installed remodel springs
- When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs
- LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for damp and wet locations • UL and cUL

- RoHS compliant
- Wet location listed when used with 11, 12, 12SQ, 4101 and 4102 trims
- ENERGY STAR® Qualified when used with select trims
- Certified to the high efficiency requirements of California T24 with select trims

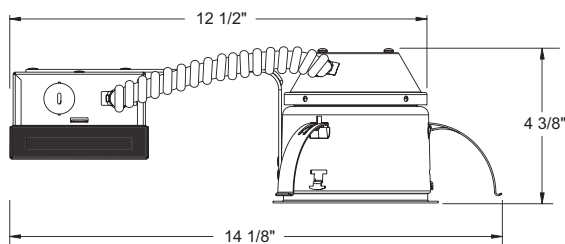
Features

- 4" WarmDim LED remodel housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens with select trims using 12W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end, maintaining 90 CRI throughout dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive housing and heat sink provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Knockouts equipped with pryout slots
- Push-in electrical connectors included
- Trim selection follows IC1LEDG4, IC1LWDG4N, IC91LEDG4 and IC91LWDG4 Series

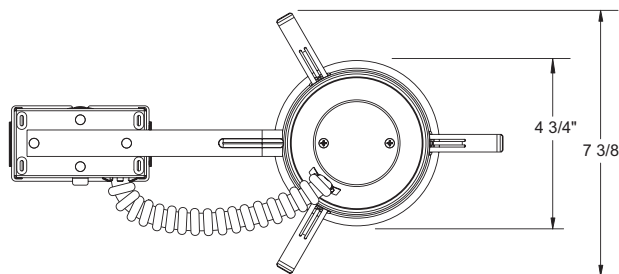
Ordering Information

Catalog No.	Description
IC1RLWDG4N-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

Dimensions



4 3/8" Ceiling Cutout





Down-Lites | IC91LEDG4

4" LED Downlight Housing IC Rated

900 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with integral light engine • No extra gasket required • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 11, 12, 12SQ, 4101 and 4102 trims • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 4" LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens with select trims using less than 15W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive inner housing and heat sink provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to inner housing assembly and incorporates the latest generation, high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 1 1/2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL Listed for through-branch wiring, maximum (6) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC1LEDG4, IC1LWDG4N, IC91LEDG4 and IC91LWDG4 Series

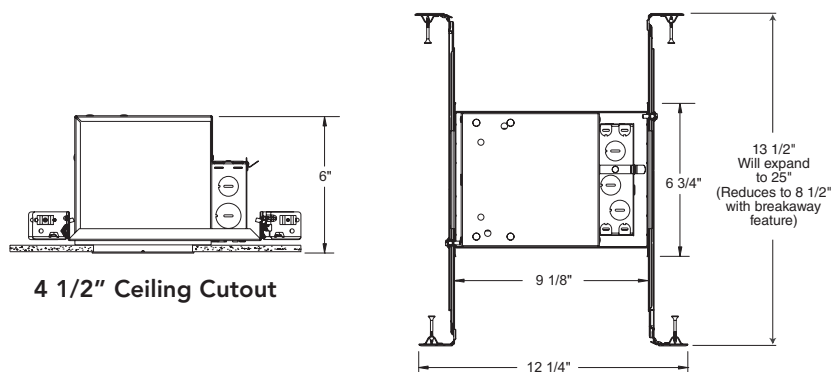
*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

Example: IC91LEDG4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC91LEDG4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	U Universal Voltage, 120-277V (0-10V dimming)
	35K 3500K	
	41K 4100K	

Dimensions





Down-Lites | IC91RLEDG4

4" LED Downlight Remodel Housing IC Rated

900 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed remodel housing with integral light engine • For applications where the backside of the ceiling is not accessible • Can be completely covered with insulation • Secured in place by factory installed remodel springs • When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 11, 12, 12SQ, 4101 and 4102 trims • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 4" LED remodel housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens with select trims using less than 15W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing and heat sink provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing assembly and incorporates the latest generation, high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Knockouts equipped with pryout slots
- Push-in electrical connectors included
- Trim selection follows IC1LEDG4, IC1LWDG4N, IC91LEDG4 and IC91LWDG4 Series

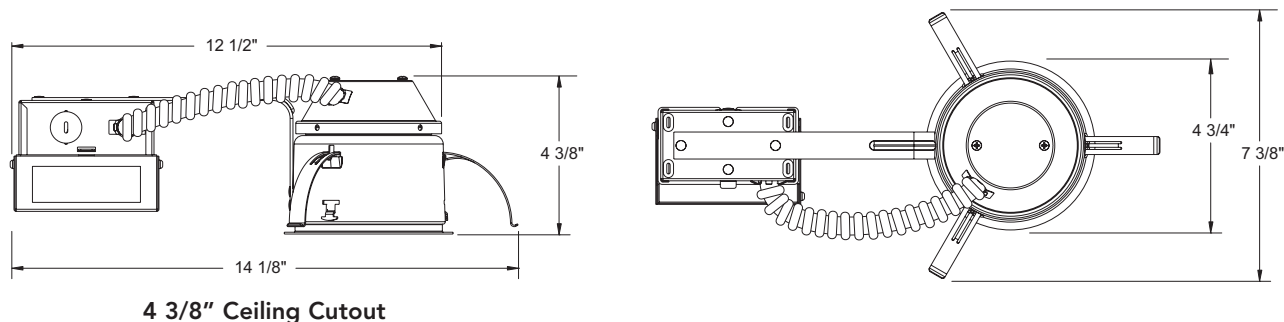
*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

Example: IC91RLEDG4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC91RLEDG4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	U Universal Voltage, 120-277V (0-10V dimming)
	35K 3500K	
	41K 4100K	

Dimensions





Down-Lites | IC91LWDG4

4" WarmDim® LED Downlight Housing IC Rated

900 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with patented (US Patent 8,710,754) WarmDim® technology • LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources • No extra gasket required • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 11, 12, 12SQ, 4101 and 4102 trims • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

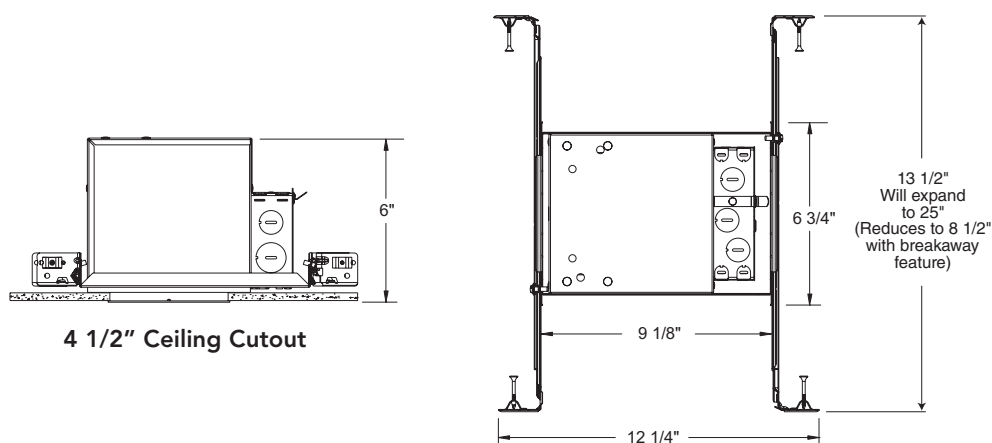
Features

- 4" WarmDim LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens with select trims using less than 15W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end, maintaining 90 CRI throughout dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive inner housing and heat sink provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Housing is vertically adjustable to accommodate up to a 1 1/2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL Listed for through-branch wiring, maximum (6) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC1LEDG4, IC1LWDG4N, IC91LEDG4 and IC91LWDG4 Series

Ordering Information

Catalog No.	Description
IC91LWDG4-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

Dimensions





Down-Lites | IC91RLWDG4

4" WarmDim® LED Downlight Remodel Housing IC Rated

900 Lumen



Description

IC rated dedicated LED, Air-Loc® remodel housing with patented (US Patent 8,710,754) WarmDim® technology

- LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources
- For applications where the backside of the ceiling is not accessible
- Can be completely covered with insulation
- Secured in place by factory installed remodel springs
- When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs
- LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for damp and wet locations • UL and cUL

- RoHS compliant
- Wet location listed when used with 11, 12, 12SQ, 4101 and 4102 trims
- ENERGY STAR® Qualified when used with select trims
- Certified to the high efficiency requirements of California T24 with select trims

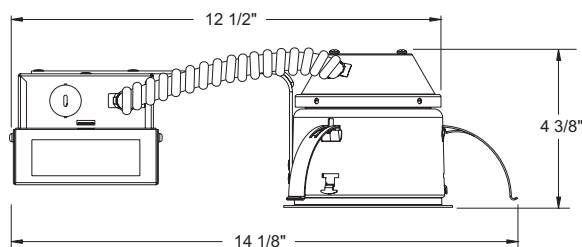
Features

- 4" WarmDim LED remodel housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens with select trims using less than 15W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end, maintaining 90 CRI throughout dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive housing and heat sink provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Knockouts equipped with pryout slots
- Push-in electrical connectors included
- Trim selection follows IC1LEDG4, IC1LWDG4N, IC91LEDG4 and IC91LWDG4 Series

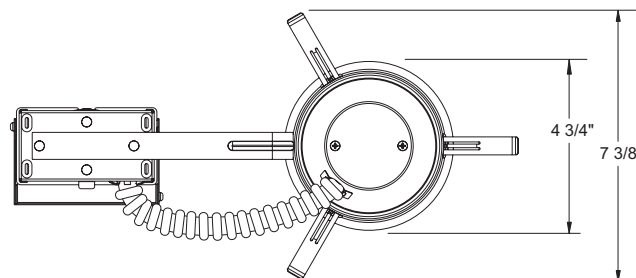
Ordering Information

Catalog No.	Description
IC91RLWDG4-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

Dimensions



4 3/8" Ceiling Cutout





Down-Lites | Trims for IC1LEDG4, IC1RLEDG4, IC1LWDG4N, IC1RLWDG4N, IC91LEDG4, IC91RLEDG4, IC91LWDG4 & IC91RLWDG4

Downlight

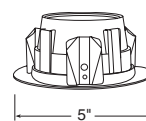


Baffle

Catalog #
14W-WH
14B-WH
14B-BL
14B-ABZ
14B-SC

Description
White Baffle, White Trim
Black Baffle, White Trim
Black Baffle, Black Trim
Black Baffle, Classic Aged Bronze
Black Baffle, Satin Chrome Trim

Aperture
3 3/8"

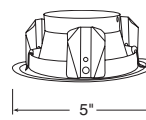


Cone

Catalog #
17B-WH
17C-WH
17G-WH
17HZ-WH
17PT-SC
17W-WH
17WHZ-WH
17WHZ-ABZ

Description
Black Alzak®, White Trim
Clear Alzak®, White Trim
Gold Alzak®, White Trim
Haze, White Trim
Pewter Alzak®, Satin Chrome Trim
Gloss White, White Trim
Wheat Haze, White Trim
Wheat Haze, Classic Aged Bronze

Aperture
3 3/8"

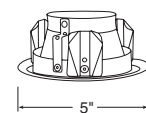


Pinhole with Integral Shield

Catalog #
13-WH

Description
White Trim

Aperture
2"



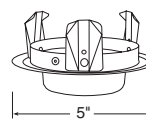
Lensed



Drop Opal

Catalog #
11-WH

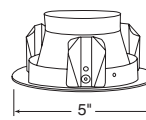
Description
Drop Opal Lens Trim



Frosted Lens with Clear Center

Catalog #
12W-ABZ
12W-SC
12W-WH

Description
Perimeter Frosted Lens, Classic Aged Bronze Trim
Perimeter Frosted Lens, Satin Chrome Trim
Perimeter Frosted Lens, White Trim



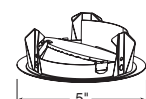
Wall Wash



Lensed Wall Wash Cone

Catalog #
39C-WH
39W-WH
39HZ-WH
39WHZ-WH

Description
Clear Alzak®, White Trim
Gloss White, White Trim
Haze, White Trim
Wheat Haze, White Trim



Hyperbolic

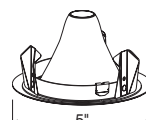


Cone

Catalog #
17HYP2-C-WH
17HYP2-B-WH¹
17HYP2-W-WH
17HYP2-HZ-WH
17HYP2-WHZ-WH¹
17HYP2-WHZ-ABZ¹

Description
Clear Alzak®, White Trim
Black Alzak®, White Trim
White, White Trim
Haze, White Trim
Wheat Haze, White Trim
Wheat Haze, Classic Aged Bronze Trim

Aperture
3 3/8"



¹Not ENERGY STAR® Qualified or T24 certified



ENERGY STAR®
Qualified



Certified to the high
efficiency requirements
of California T24



UL listed for use
in wet location.

ENERGY STAR® qualification and T24 certification is dependent on trim finish and LED color temperature. See housing spec sheet on www.junolightinggroup.com for specific information for each trim.





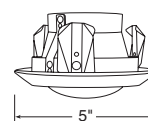
Down-Lites | Trims for IC1LEDG4, IC1RLEDG4, IC1LWDG4N, IC1RLWDG4N, IC91LEDG4, IC91RLEDG4, IC91LWDG4 & IC91RLWDG4

Decorative



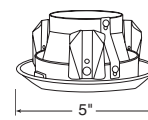
Beveled Dome Lensed

Catalog #	Description
4101-ABZ	Frosted Glass Lens, Classic Aged Bronze Trim
4101-SC	Frosted Glass Lens, Satin Chrome Trim
4101-WH	Frosted Glass Lens, White Trim



Beveled Lensed

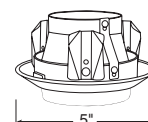
Catalog #	Description
4102-ABZ	Regressed Perimeter Frosted Glass Lens, Classic Aged Bronze Trim
4102-SC	Regressed Perimeter Frosted Glass Lens, Satin Chrome Trim
4102-WH	Regressed Perimeter Frosted Glass Lens, White Trim



Beveled Cylinder

Catalog #	Description
4103FROST-SC	Frost Glass, Satin Chrome Trim
4103FROST-WH	Frost Glass, White Trim

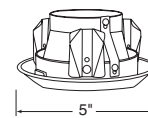
Aperture
3"



Beveled Cone

Catalog #	Description
4104HZ-SC	Haze, Satin Chrome Trim
4104WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim

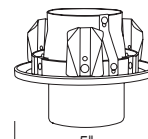
Aperture
3 3/8"



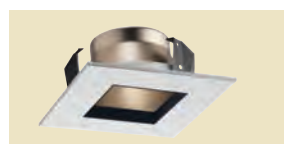
Glass Cylinder

Catalog #	Description
4150MESH-SC	Mesh Glass, Satin Chrome Trim

Aperture
2 5/8"



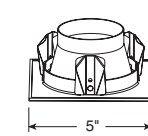
Squares



Square Downlight

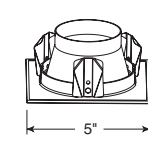
Catalog #	Description
17SQ-B-WH	Black Reflector, White Trim
17SQ-HZ-WH	Haze Reflector, White Trim
17SQ-W-WH	White Reflector, White Trim
17SQ-WHZ-WH	Wheat Haze Reflector, White Trim

Aperture
1 9/32"



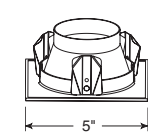
Square Pinhole

Catalog #	Description
13SQ-WH	White Trim



Square Frosted Lens with Clear Center

Catalog #	Description
12SQ-W-WH	Frost Lens, White Trim



ENERGY STAR®
Qualified



Certified to the high
efficiency requirements
of California T24



UL listed for use
in wet location.

ENERGY STAR® qualification and T24 certification is dependent on trim finish and LED color temperature. See housing spec sheet on www.junolightinggroup.com for specific information for each trim.





Down-Lites | IC4AL

4" Internally Adjustable LED Downlight Housing

IC Rated 700 Lumen



Description

Patent pending dedicated LED, Air-Loc® sealed new construction housing with integral internally adjustable light engine • Double wall, shallow housing construction allows for fit in 2 x 6 construction • Can be completely covered with insulation • Fully sealed housing stops infiltration and exfiltration of air, reducing heating and air cooling costs • LED housing is designed to provide 50,000 hours of life

Listings

UL Listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 41L and 41LSQ • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 4" LED internally adjustable housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 700 lumens with select trims using less than 11W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED array attached to cast aluminum sliding heatsink integrated directly with housing provides superior heat transfer to ensure long life of the LED
- Replaceable light engine mounts directly to inner housing assembly and incorporates the latest generation, high lumen output LED array
- Adjustable light engine module provides up to 35° vertical adjustment
- Three field interchangeable, TIR optics available in 18°, 30° and 40° beam angles
- Module can accommodate one 2-inch diameter beam control lens or filter
- Driver choices include: dedicated 120 volt driver, universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz or Lutron universal voltage 120-277V driver
- 120 volt only driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Universal voltage driver is dimmable with the use of most 0-10V wall box dimmers
- Housing is vertically adjustable to accommodate up to a 1 1/2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL Listed for through-branch wiring, maximum (4) #12 branch circuit conductors
- Quick connect electrical connectors included
- Trim selection follows IC4AL and IC104AL/TC104AL Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

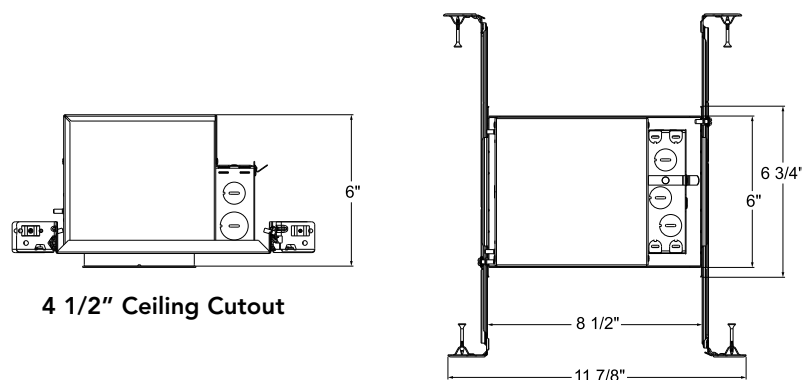
Example: IC4AL-3K-F-1

Catalog No.	Color Temp.	Beam Optics	Input Voltage
IC4AL	27K 2700K	S 18° Spot	1 Dedicated 120V Only (Forward Phase + ELV Dimmable)
	3K 3000K	N 30° Narrow Flood	U Universal Voltage 120-277V (0-10V Dimmable)
	35K 3500K	F 40° Flood	L Lutron Hi-Lume® 3-Wire Dimming EcoSystem Compatible
	41K 4100K		

LED Optics

Catalog No.	Description
TIR-2-SP	Spot Optic (18°)
TIR-2-NFL	Narrow Flood Optic (30°)
TIR-2-FL	Flood Optic (40°)

Dimensions





Down-Lites | IC4RAL / TC4RAL

4" Internally Adjustable LED Downlight Remodel Housing

IC & Non-IC Rated 700 Lumen



Description

Patent pending dedicated LED, Air-Loc® remodel housing with integral internally adjustable light engine • IC4RAL series can be completely covered with insulation and installs in 2 x 6 construction • TC4RAL series for use in non-insulated areas (If installed where insulation is present, the insulation must be pulled back 3" from all sides of the TC housing) • Remodel housing for remodel application where back side of ceiling is not accessible • Installs through an opening in the ceiling from below • Secured in place by factory installed remodel springs • LED housing is designed to provide 50,000 hours of life

Listings

UL Listed for damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 41L and 41LSQ • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 4" LED remodel internally adjustable housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 700 lumens with select trims using less than 11W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED array attached to cast aluminum sliding heatsink integrated directly with housing provides superior heat transfer to ensure long life of the LED
- Replaceable light engine mounts directly to inner housing assembly and incorporates the latest generation, high lumen output LED array
- Adjustable light engine module provides up to 35° vertical adjustment
- Three field interchangeable, TIR optics available in 18°, 30° and 40° beam angles
- Module can accommodate one 2-inch diameter beam control lens or filter
- Driver choices include: dedicated 120 volt driver, universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz or Lutron universal voltage 120-277V driver
- 120 volt only driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Universal voltage driver is dimmable with the use of most 0-10V wall box dimmers
- Housing is vertically adjustable to accommodate up to a 1 1/2" ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Knockouts equipped with pryout slots
- Quick connect electrical connectors included
- Trim selection follows IC4AL and IC104AL/TC104AL Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

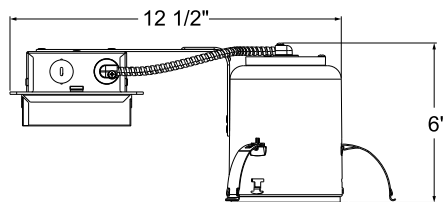
Example: IC4RAL-35K-N-1, TC4RAL-35K-N-L

Catalog No.	Color Temp.	Beam Optics	Input Voltage
IC4RAL	27K 2700K	S 18° Spot	1 Dedicated 120V Only (Forward Phase + ELV Dimmable)
	3K 3000K	N 30° Narrow Flood	U Universal Voltage 120-277V (0-10V Dimmable)
	35K 3500K	F 40° Flood	
TC4RAL	41K 4100K		L Lutron Hi-Lume® 3-Wire Dimming EcoSystem Compatible

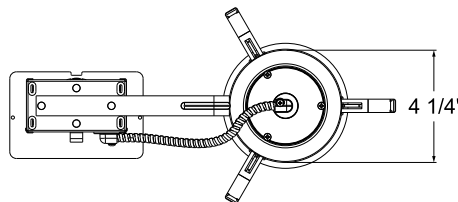
LED Optics

Catalog No.	Description
TIR-2-SP	Spot Optic (18°)
TIR-2-NFL	Narrow Flood Optic (30°)
TIR-2-FL	Flood Optic (40°)

Dimensions



4 3/8" Ceiling Cutout





Down-Lites | IC104AL / TC104AL

4" Internally Adjustable LED Downlight Housing

IC & Non-IC Rated 1000 Lumen



Description

Patent pending dedicated LED, Air-Loc® sealed new construction housing with integral internally adjustable light engine • Double wall, shallow housing construction • IC104AL series can be completely covered with insulation and installs in 2 x 6 construction • TC104AL series for use in non-insulated areas (If installed where insulation is present, the insulation must be pulled back 3" from all sides of the TC housing) • Fully sealed housing stops infiltration and exfiltration of air, reducing heating and air cooling costs • LED housing is designed to provide 50,000 hours of life

Listings

UL Listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 41L and 41LSQ • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 4" LED internally adjustable housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 1000 lumens with select trims using less than 16.5W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED array attached to cast aluminum sliding heatsink integrated directly with housing provides superior heat transfer to ensure long life of the LED
- Replaceable light engine mounts directly to inner housing assembly and incorporates the latest generation, high lumen output LED array
- Adjustable light engine module provides up to 35° vertical adjustment
- Three field interchangeable, TIR optics available in 18°, 30° and 40° beam angles
- Module can accommodate one 2-inch diameter beam control lens or filter
- Driver choices include: dedicated 120 volt driver, universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz or Lutron universal voltage 120-277V driver
- 120 volt only driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Universal voltage driver is dimmable with the use of most 0-10V wall box dimmers
- Housing is vertically adjustable to accommodate up to a 1 1/2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL Listed for through-branch wiring, maximum (4) #12 branch circuit conductors
- Quick connect electrical connectors included
- Trim selection follows IC4AL and IC104AL/TC104AL Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

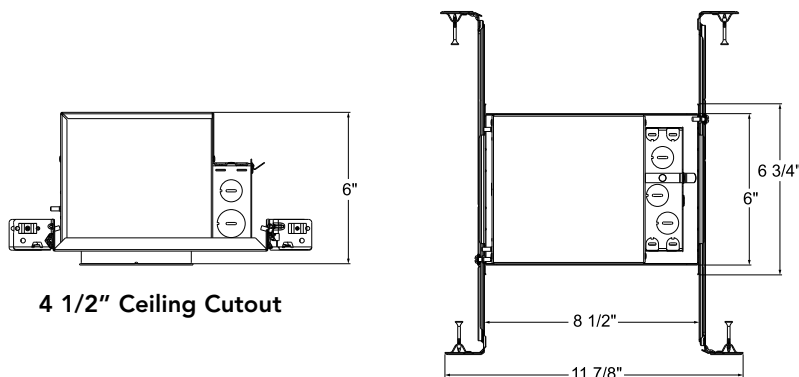
Example: IC104AL-3K-F-1, TC104AL-3K-F-L

Catalog No.	Color Temp.	Beam Optics	Input Voltage
IC104AL	27K 2700K	S 18° Spot	1 Dedicated 120V Only (Forward Phase + ELV Dimmable)
	3K 3000K	N 30° Narrow Flood	U Universal Voltage 120-277V (0-10V Dimmable)
	35K 3500K	F 40° Flood	
TC104AL	41K 4100K		L Lutron Hi-Lume® 3-Wire Dimming EcoSystem Compatible

LED Optics

Catalog No.	Description
TIR-2-SP	Spot Optic (18°)
TIR-2-NFL	Narrow Flood Optic (30°)
TIR-2-FL	Flood Optic (40°)

Dimensions





Down-Lites | TC104RAL

4" Internally Adjustable LED Downlight Remodel Housing

Non-IC Rated 1000 Lumen



Description

Patent pending dedicated LED, Air-Loc® remodel housing with integral internally adjustable light engine • Non-IC remodel housing for remodel application where back side of ceiling is not accessible • If installed where insulation is present, the insulation must be pulled back 3" from all sides of the TC housing • Installs through an opening in the ceiling from below • Secured in place by factory installed remodel springs • LED housing is designed to provide 50,000 hours of life • 5 year limited warranty on LED components

Listings

UL Listed for damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 41L and 41LSQ • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 4" LED remodel internally adjustable housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 1000 lumens with select trims using less than 16.5W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED array attached to cast aluminum sliding heatsink integrated directly with housing provides superior heat transfer to ensure long life of the LED
- Replaceable light engine mounts directly to inner housing assembly and incorporates the latest generation, high lumen output LED array
- Adjustable light engine module provides up to 35° vertical adjustment
- Three field interchangeable, TIR optics available in 18°, 30° and 40° beam angles
- Module can accommodate one 2-inch diameter beam control lens or filter
- Driver choices include: dedicated 120 volt driver, universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz or Lutron universal voltage 120-277V driver
- 120 volt only driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Universal voltage driver is dimmable with the use of most 0-10V wall box dimmers
- Housing is vertically adjustable to accommodate up to a 1 1/2" ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Knockouts equipped with pryout slots
- Quick connect electrical connectors included
- Trim selection follows IC4AL and IC104AL/TC104AL Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

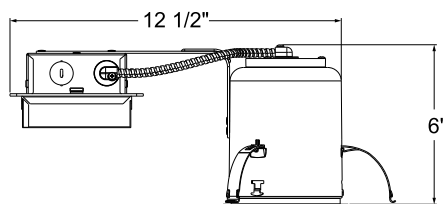
Example: TC104RAL-35K-N-L

Catalog No.	Color Temp.	Beam Optics	Input Voltage
TC104RAL	27K 2700K	S 18° Spot	1 Dedicated 120V Only (Forward Phase + ELV Dimmable)
	3K 3000K	N 30° Narrow Flood	U Universal Voltage 120-277V (0-10V Dimmable)
	35K 3500K	F 40° Flood	L Lutron Hi-Lume® 3-Wire Dimming EcoSystem Compatible
	41K 4100K		

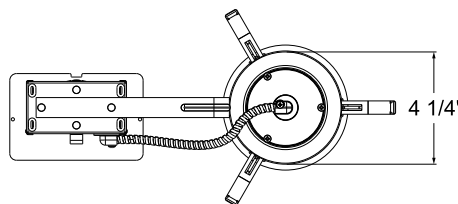
LED Optics

Catalog No.	Description
TIR-2-SP	Spot Optic (18°)
TIR-2-NFL	Narrow Flood Optic (30°)
TIR-2-FL	Flood Optic (40°)

Dimensions



4 3/8" Ceiling Cutout





Down-Lites | Trims for IC4AL, IC4RAL, TC4RAL, IC104AL, TC104AL & TC104RAL

Adjustables



Angle-Cut Cone

Catalog

47LC-WH
47LB-WH
47LPT-SC
47LW-WH
47LHZ-WH
47LWHZ-WH
47LWHZ-ABZ

Description

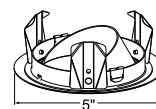
Clear Alzak®, White Trim
Black Alzak®, White Trim
Pewter Alzak®, Satin Chrome Trim
Gloss White, White Trim
Haze, White Trim
Wheat Haze, White Trim
Wheat Haze, Classic Aged
Bronze Trim

Aperture

3 3/8"

Adjustment

35° vertical



Adjustable Slot Aperture

Catalog

45L-WH

Description

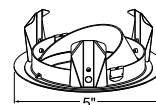
White Trim

Aperture

2" x 2 1/2"
Oblong

Adjustment

35° vertical



Downlight



Cone

Catalog

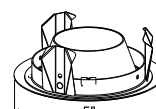
42LC-WH
42LB-WH
42LPT-SC
42LW-WH
42LHZ-WH
42LWHZ-WH
42LWHZ-ABZ

Description

Clear Alzak®, White Trim
Black Alzak®, White Trim
Pewter Alzak®, Satin Chrome Trim
Gloss White, White Trim
Haze, White Trim
Wheat Haze, White Trim
Wheat Haze, Classic Aged
Bronze Trim

Aperture

3 3/8"



Lensed



Downlight / Adjustable
Lensed Trim

Catalog

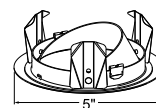
41L-ABZ
41L-SC
41L-WH

Description

Perimeter Frosted Lens,
Classic Aged Bronze Trim
Perimeter Frosted Lens,
Satin Chrome Trim
Perimeter Frosted Lens,
White Trim

Adjustment

35° vertical



Wall Wash



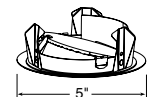
Lensed Wall Wash Cone

Catalog

39C-WH
39W-WH
39HZ-WH
39WHZ-WH

Description

Clear Alzak®, White Trim
Gloss White, White Trim
Haze, White Trim
Wheat Haze, White Trim



ENERGY STAR®
Qualified



Certified to the high
efficiency requirements
of California T24



UL listed for use
in wet location.

ENERGY STAR® qualification and T24 certification is dependent on trim finish and LED color temperature. See housing spec sheet on www.junolightinggroup.com for specific information for each trim.





Down-Lites | Trims for IC4AL, IC4RAL, TC4RAL, IC104AL, TC104AL & TC104RAL

Square



Square Angle-Cut Reflector

Catalog

47LSQ-HZ-WH
47LSQ-WHZ-WH
47LSQ-B-WH
47LSQ-W-WH

Description

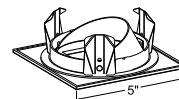
Haze, White Trim
Wheat Haze, White Trim
Black Alzak®, White Trim
Gloss White, White Trim

Aperture

2 1/8" Sq.

Adjustment

35° vertical



Square Downlight Reflector

Catalog

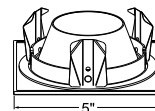
42LSQ-HZ-WH
42LSQ-WHZ-WH
42LSQ-B-WH
42LSQ-W-WH

Description

Haze, White Trim
Wheat Haze, White Trim
Black Alzak®, White Trim
Gloss White, White Trim

Aperture

2 1/8" Sq.



Square Lensed Trim

Catalog

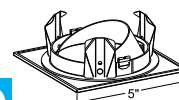
41LSQ-WH

Description

Perimeter Frosted Lens,
White Trim

Adjustment

35° vertical



Standard Slope



Angle-Cut Cone

Catalog

46LC-WH
46LB-WH
46LPT-SC
46LW-WH
46LHZ-WH
46LWHZ-WH
46LWHZ-ABZ

Description

Clear Alzak®, White Trim
Black Alzak®, White Trim
Pewter Alzak®, Satin Chrome Trim
Gloss White, White Trim
Haze, White Trim
Wheat Haze, White Trim
Wheat Haze, Classic Aged
Bronze Trim



Super Slope



Angle-Cut Cone

Catalog

48LC-WH
48LB-WH
48LPT-SC
48LW-WH
48LHZ-WH
48LWHZ-WH
48LWHZ-ABZ

Description

Clear Alzak®, White Trim
Black Alzak®, White Trim
Pewter Alzak®, Satin Chrome Trim
Gloss White, White Trim
Haze, White Trim
Wheat Haze, White Trim
Wheat Haze, Classic Aged
Bronze Trim



ENERGY STAR®
Qualified



Certified to the high
efficiency requirements
of California T24



UL listed for use
in wet location.

ENERGY STAR® qualification and T24 certification is dependent on trim finish and LED color temperature. See housing spec sheet on www.junolightinggroup.com for specific information for each trim.





Down-Lites | IC1ALEDG4-440LEDG4

4" LED Adjustable Downlight Housing & Trim Module IC Rated

600 Lumen



Description

Dedicated LED, Air-Loc® sealed new construction housing with adjustable accent light engine trim module • Double wall, shallow housing construction allows for fit in 2 x 6 construction • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED light engine module is designed to provide 50,000 hours of life • Die cast adjustable gimbal trim features shadow free knife edge to blend seamlessly into ceiling - available in multiple finishes

Listings

UL Listed for through-branch wiring, damp locations • Union made • UL and cUL • RoHS compliant • ENERGY STAR® Qualified • Certified to the high efficiency requirements of California T24

Features

- 4" LED housing with trim module
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens with light engine trim module using 10W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED array attached to die cast trim provides superior heat transfer to ensure long LED life
- Adjustable gimbal trim provides up to 35° vertical adjustment
- Three field interchangeable TIR optics available in 18°, 30° and 40° beam angles (440LED trim ships with 30° optic installed)
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 1 1/2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL Listed for through-branch wiring, maximum (6) #12 branch circuit conductors
- Push-in electrical connectors included
- For complete fixture, order IC1ALEDG4 with 440LED trim module

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

Example: IC1ALEDG4-6-1

Catalog No.	Lumens	Input Voltage
IC1ALEDG4	6 600 Lm	1 Dedicated 120V Only (Forward Phase and ELV dimming) U Universal Voltage, 120-277V (0-10V dimming)

Trim Module

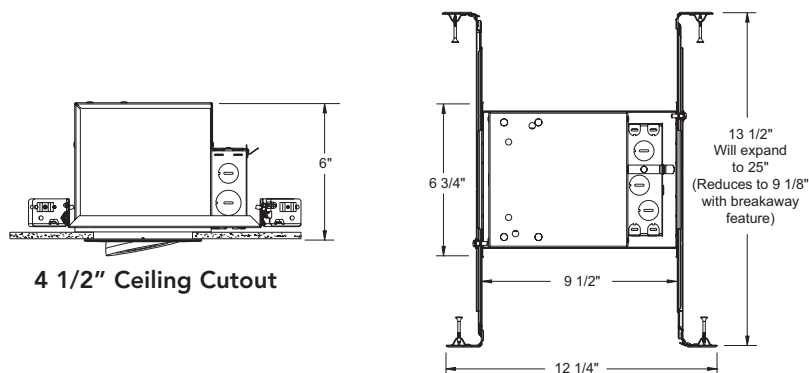
Example: 440LEDG4-27K-6-WH

Catalog No.	Color Temp.	Lumens	Finish
440LEDG4	27K 2700K 3K 3000K 35K 3500K 41K 4100K	6 600 Lm	WH White BL Black SC Satin Chrome ABZ Aged Bronze

LED Optics

Catalog No.	Description
TIR-2-SP	Spot Optic (18°)
TIR-2-NFL	Narrow Flood Optic (30°)
TIR-2-FL	Flood Optic (40°)

Dimensions





Down-Lites | IC1RALEDG4-440LEDG4

4" LED Adjustable Downlight Remodel Housing & Trim Module IC Rated

600 Lumen



Description

Dedicated LED, Air-Loc® sealed remodel housing with adjustable accent light engine trim module • For applications where the backside of the ceiling is not accessible • Can be completely covered with insulation • Secured in place by factory installed remodel springs • When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs • LED light engine module is designed to provide 50,000 hours of life • Die cast adjustable gimbal trim features shadow free knife edge to blend seamlessly into ceiling - available in multiple finishes

Listings

UL Listed for through-branch wiring, damp locations • Union made • UL and cUL • RoHS compliant • ENERGY STAR® Qualified • Certified to the high efficiency requirements of California T24

Features

- 4" LED remodel housing with trim module
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens with light engine trim module using 10W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED array attached to die cast trim provides superior heat transfer to ensure long LED life
- Adjustable gimbal trim provides up to 35° vertical adjustment
- Three field interchangeable TIR optics available in 18°, 30° and 40° beam angles (440LED trim ships with 30° optic installed)
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Knockouts equipped with pryout slots
- Push-in electrical connectors included
- For complete fixture, order IC1RALEDG4 with 440LED trim module

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

Example: IC1RALEDG4-6-1

Catalog No.	Lumens	Input Voltage
IC1RALEDG4	6 600 Lm	1 Dedicated 120V Only (Forward Phase and ELV dimming) U Universal Voltage, 120-277V (0-10V dimming)

Trim Module

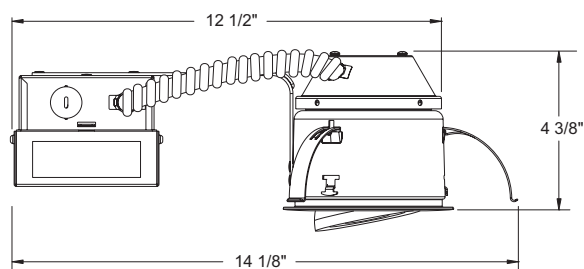
Example: 440LEDG4-27K-6-WH

Catalog No.	Color Temp.	Lumens	Finish
440LEDG4	27K 2700K 3K 3000K 35K 3500K 41K 4100K	6 600 Lm	WH White BL Black SC Satin Chrome ABZ Aged Bronze

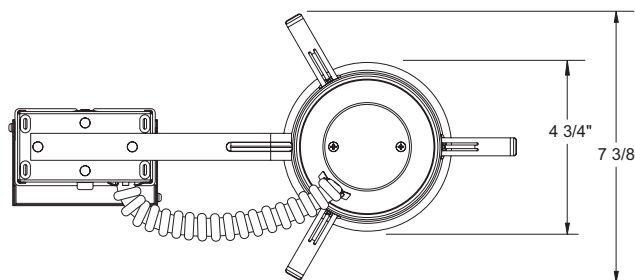
LED Optics

Catalog No.	Description
TIR-2-SP	Spot Optic (18°)
TIR-2-NFL	Narrow Flood Optic (30°)
TIR-2-FL	Flood Optic (40°)

Dimensions



4 3/8" Ceiling Cutout





Description

IC rated Air-Loc, energy efficient vertical CFL housing with double wall construction • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL and cUL Listed for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 11, 12, 12SQ, 4101 and 4102 trims

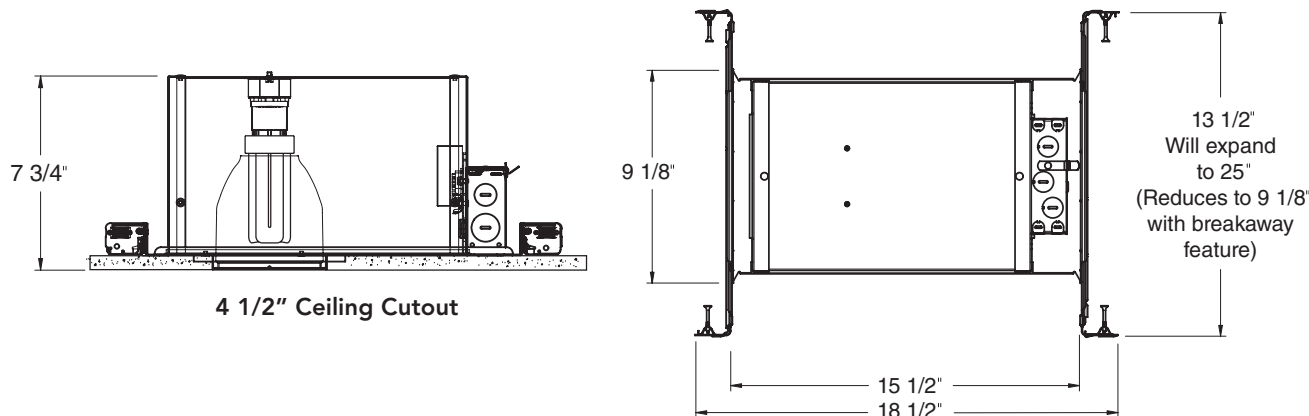
Features

- 4" Compact fluorescent housing
- California Title 24 compliant
- 120V HPF or NPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast is mounted to the inside of the housing on a removable junction box cover for ease of maintenance
- Fixed mounted socket attaches to top of housing
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL and cUL Listed for through-branch wiring, maximum (6) #12 AWG conductors (3 in, 3 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- 2 year warranty
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL4 and PL4 Series

Ordering Information

Catalog No.	Description
ICPL426E	120V HPF ballast
ICPL426EN	120V NPF ballast
ICPL426EN-DB120	ICPL426E with 120V normal power factor (NPF) dimmable ballast — T24 compliant

Dimensions





Description

Non-IC rated vertical CFL housing with single wall construction • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with 11, 12, 12SQ, 4101 and 4102 trims

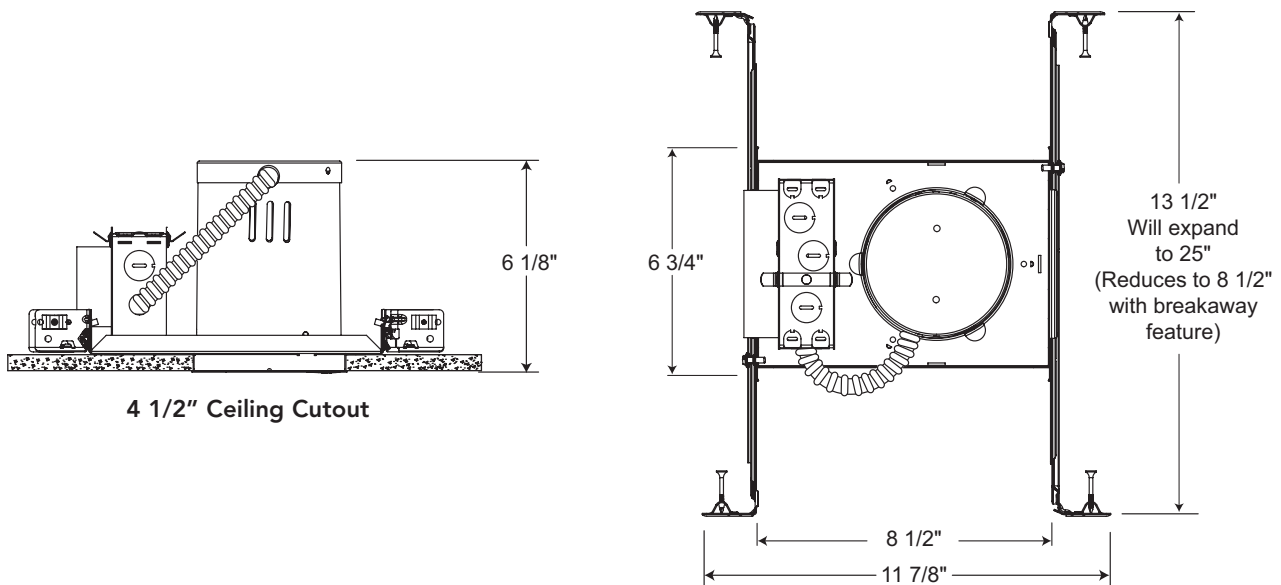
Features

- 4" Compact fluorescent housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted on junction box cover
- Fixed mounted socket attaches to top of housing
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL4 and PL4 Series

Ordering Information

Catalog No.	Description
PL426EU	120V - 277V HPF ballast

Dimensions





Description

Non-IC rated vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible

- Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for damp and wet locations

- Wet location listed when used with 11, 12, 12SQ, 4101 and 4102 trims

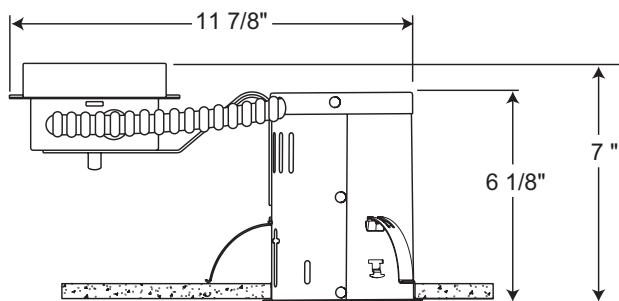
Features

- 4" Compact fluorescent remodel housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Fixed mounted socket attaches to top of housing
- Remodel clips accommodate up to a 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts, 4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL4 and PL4 Series

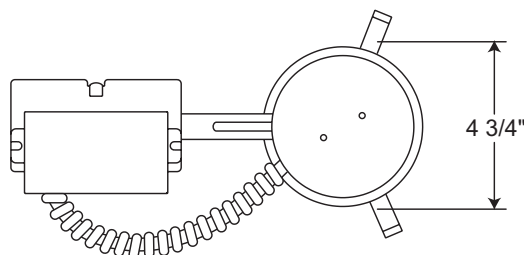
Ordering Information

Catalog No.	Description
PL426RE	120V - 277V HPF ballast

Dimensions



4 3/8" Ceiling Cutout





Description

IC rated Air-Loc, energy efficient vertical CFL housing with double wall construction • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL and cUL Listed for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 11, 12, 12SQ, 4101 and 4102 trims

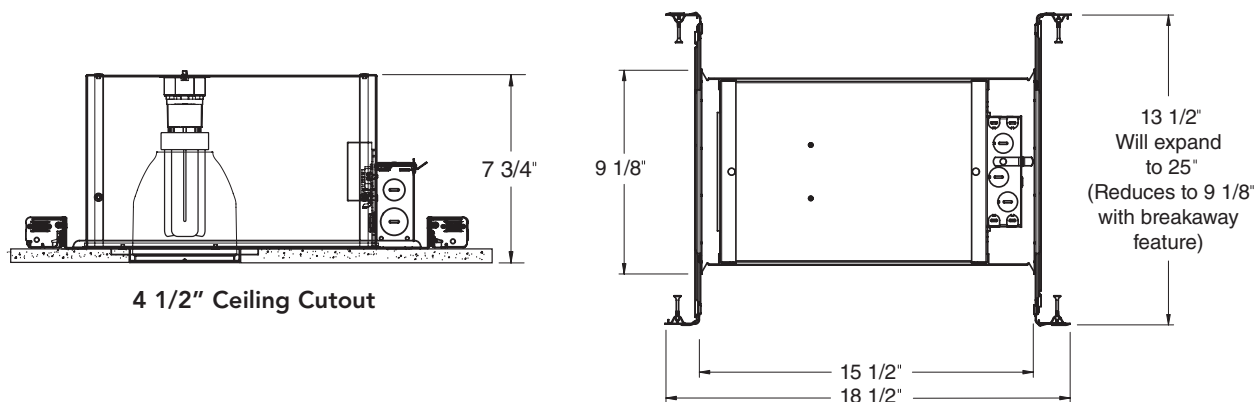
Features

- 4" Compact fluorescent housing
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast is mounted to the inside of the housing on a removable junction box cover for ease of maintenance
- Fixed mounted socket attaches to top of housing
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL and cUL Listed for through-branch wiring, maximum (6) #12 AWG conductors (3 in, 3 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- 2 year warranty
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL4 and PL4 Series

Ordering Information

Catalog No.	Description
ICPL418E	120V HPF ballast

Dimensions





Description

IC rated Air-Loc, energy efficient vertical CFL remodel housing for remodel applications where backside of ceiling is not accessible • Can be completely covered with insulation • ALG gaskets included

Listings

UL and cUL Listed for damp and wet locations
 • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 12, 12SQ, 4101 and 4102 trims

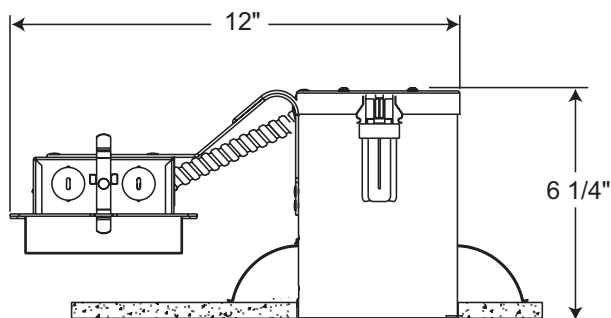
Features

- 4" Compact fluorescent remodel housing
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast mounted to underside of junction box to minimize contact with insulation
- Fixed mounted socket attaches to top of housing
- Remodel clips accommodate up to a 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots and (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- 2 year warranty
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL4 and PL4 Series

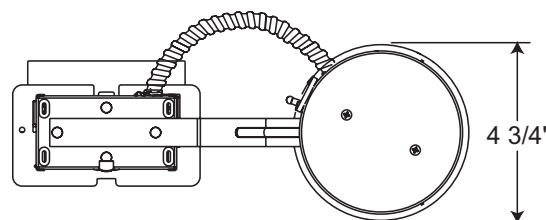
Ordering Information

Catalog No.	Description
ICPL418RE	120V HPF ballast

Dimensions



4 3/8" Ceiling Cutout





Description

Non-IC rated vertical CFL housing with single wall construction • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with 11, 12, 12SQ, 4101 and 4102 trims

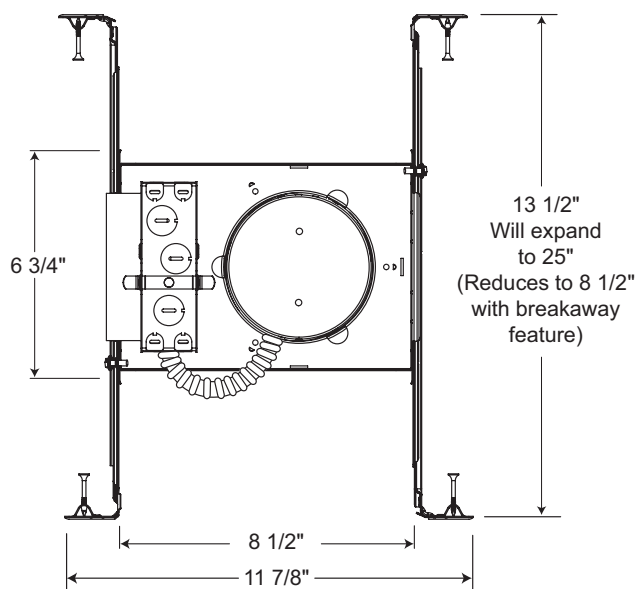
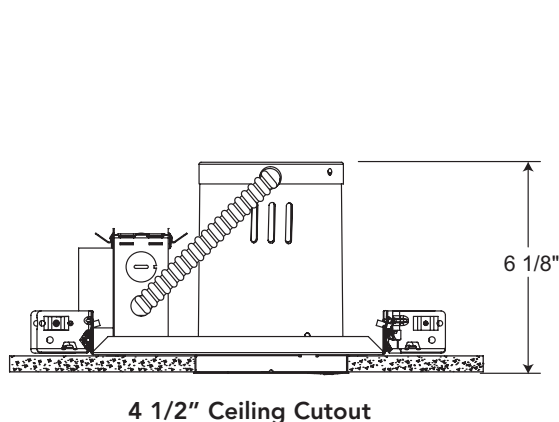
Features

- 4" Compact fluorescent housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted on junction box cover
- Fixed mounted socket attaches to top of housing
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL4 and PL4 Series

Ordering Information

Catalog No.	Description
PL418EU	120V - 277V HPF ballast

Dimensions



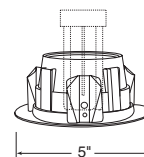
Downlight



Baffle

Catalog #	Description
14W-WH	White Baffle, White Trim
14B-WH	Black Baffle, White Trim
14B-BL	Black Baffle, Black Trim
14B-ABZ	Black Baffle, Classic Aged Bronze
14B-SC	Black Baffle, Satin Chrome Trim

Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
Aperture
3 3/8"

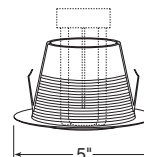


Baffle

Catalog #	Description
140W-WH	White Baffle, White Trim
140B-WH	Black Baffle, White Trim

Optimized for CFL

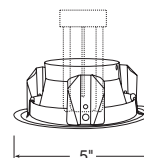
Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
Aperture
3 3/8"



Cone

Catalog #	Description
17B-WH	Black Alzak®, White Trim
17CLI-WH	Clear, Low Iridescent Alzak®, White Trim
17G-WH	Gold Alzak®, White Trim
17HZ-WH	Haze, White Trim
17PT-SC	Pewter Alzak®, Satin Chrome Trim
17W-WH	Gloss White, White Trim
17WHZ-WH	Wheat Haze, White Trim
17WHZ-ABZ	Wheat Haze, Classic Aged Bronze

Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
Aperture
3 3/8"

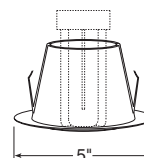


Cone

Catalog #	Description
170CLI-WH	Clear, Low Iridescent Alzak®, White Trim
170HZ-WH	Haze, White Trim
170WHZ-WH	Wheat Haze, White Trim

Optimized for CFL

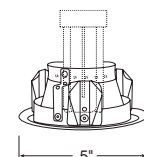
Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
Aperture
3 3/8"



Pinhole with Integral Shield

Catalog #	Description
13-WH	White Trim

Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
Aperture
2"



Lensed

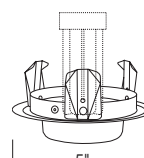


Drop Opal

Catalog #	Description
11-WH*	Drop Opal Lens, White Trim

*Not for use with ICPL413RE or ICPL418RE

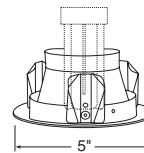
Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL



Frosted Lens with Clear Center

Catalog #	Description
12W-ABZ	Perimeter Frosted Lens, Classic Aged Bronze Trim
12W-SC	Perimeter Frosted Lens, Satin Chrome Trim
12W-WH	Perimeter Frosted Lens, White Trim

Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.

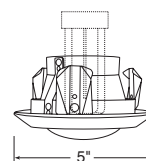
Decorative



Beveled Dome Lensed

Catalog #	Description
4101-ABZ	Frosted Glass Lens, Classic Aged Bronze Trim
4101-SC	Frosted Glass Lens, Satin Chrome Trim
4101-WH	Frosted Glass Lens, White Trim

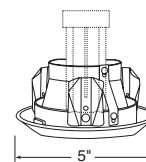
Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL



Beveled Lensed

Catalog #	Description
4102-ABZ	Regressed Perimeter Frosted Glass Lens, Classic Aged Bronze Trim
4102-SC	Regressed Perimeter Frosted Glass Lens, Satin Chrome Trim
4102-WH	Regressed Perimeter Frosted Glass Lens, White Trim

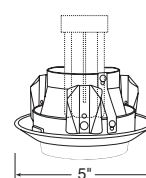
Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL



Beveled Cylinder

Catalog #	Description
4103FROST-SC	Frost Glass, Satin Chrome Trim
4103FROST-WH	Frost Glass, White Trim

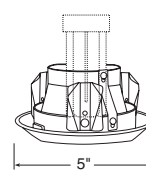
Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
Aperture
3"



Beveled Cone

Catalog #	Description
4104HZ-SC	Haze, Satin Chrome Trim
4104WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim

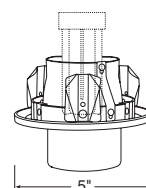
Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
Aperture
3 3/8"



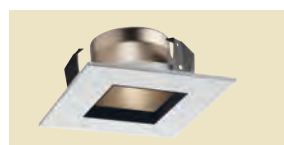
Glass Cylinder

Catalog #	Description
4150MESH-SC	Mesh Glass, Satin Chrome Trim

Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
Aperture
2 5/8"



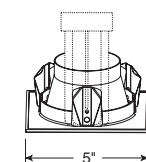
Squares



Square Downlight

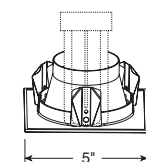
Catalog #	Description
175Q-B-WH	Black Reflector, White Trim
175Q-HZ-WH	Haze Reflector, White Trim
175Q-W-WH	White Reflector, White Trim
175Q-WHZ-WH	Wheat Haze Reflector, White Trim

Aperture
2 5/32"



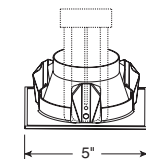
Square Pinhole

Catalog #	Description
135Q-WH	White Trim



Square Frosted Lens with Clear Center

Catalog #	Description
125Q-W-WH	Frost Lens, White Trim



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.



Description

IC rated, energy efficient Air-Loc® sealed double wall construction housing does not require separate Air-Loc gasket • Can be completely covered with insulation • Air-Loc housing with all trims stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • Wet location listed with trims 11, 12, 12SQ, 4101, 4102 and 4181 • Wet location listed with trims 14, 17 and 17SQ with outdoor rated PAR20 lamps • Conforms with City of Chicago IP requirements

Features

- 4" Housing
- Medium base porcelain socket with nickel-plated copper screw shell
- Vertically adjustable to accommodate up to a 2" ceiling thickness
- Aluminum housing is fully assembled for ease of installation
- Shipped with socket cap to protect against paint overspray
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (6) #12 AWG minimum 90° C branch circuit conductors (3 in, 3 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC1 Series, IC1P, TC1 Series, TC1R and TC1RCWN

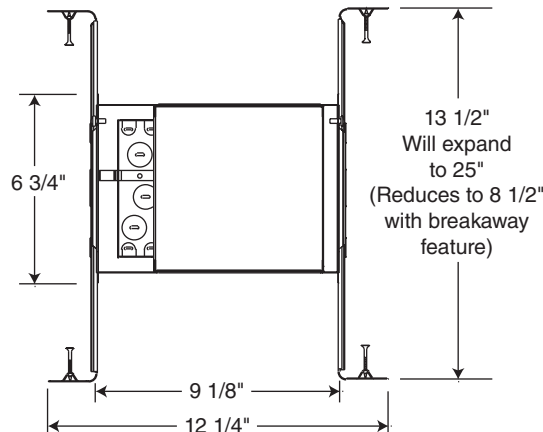
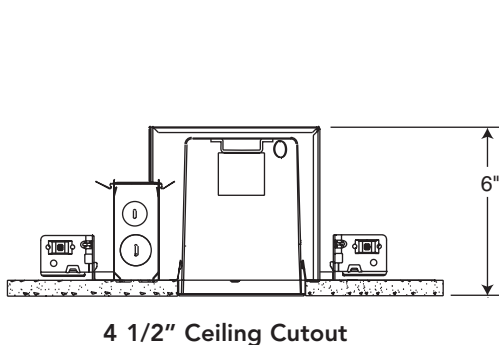
Ordering Information

Catalog No.	Description
IC1	4" IC Incandescent housing
IC1G	IC1 with pre-installed Air-Loc® gasket
IC1S	IC1 with smaller footprint bar hanger (Real Nail® 2)
IC1SG	IC1 with smaller footprint bar hanger (Real Nail 2) and pre-installed Air-Loc gasket
IC1W	IC1 with push-in electrical connectors for fast, secure installation
IC1WG	IC1 with push-in electrical connectors and pre-installed Air-Loc gasket

Ordering Information

Catalog No.	Description
GU10-WHIP	Medium base to GU10 base flexible socket adapter (use with 440, 440SQ & 448 trims only)
T599	1" Socket Extender
4TSA	4" Housing adapter converts original 4" housings for optimal retention of push-in style trims

Dimensions





Description

IC rated, energy efficient, Air-Loc® sealed double wall construction housing does not require separate Air-Loc gasket • Can be completely covered with insulation

- Air-Loc housing with all trims stops infiltration and exfiltration of air, reducing heating and cooling costs
- 4" IC housing optimized for PAR20 gimbal and higher wattage 120V MR16 lamps

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • Wet location listed with trims 11, 12, 12SQ, 4101, 4102 and 4181

- Wet location listed with trims 14, 17 and 17SQ with PAR20 outdoor rated lamps
- Conforms with City of Chicago IP requirements

Features

- 4" Housing
- Detachable medium base porcelain socket with nickel-plated copper screw shell
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Aluminum housing is fully assembled for ease of installation
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (6) #12 AWG minimum 90° C branch circuit conductors (3 in, 3 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC1 Series, IC1P, TC1 Series, TC1R and TC1RCWN

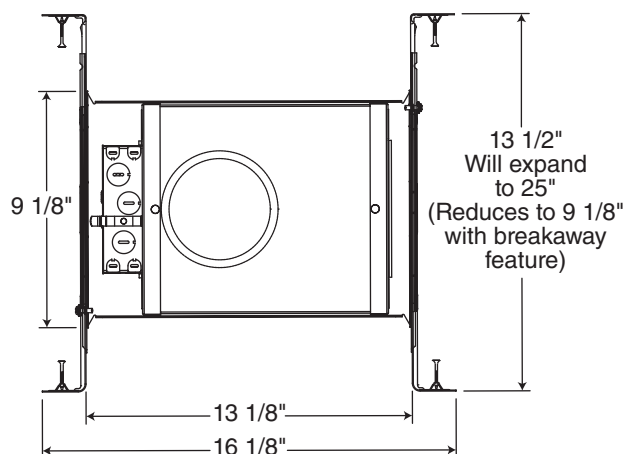
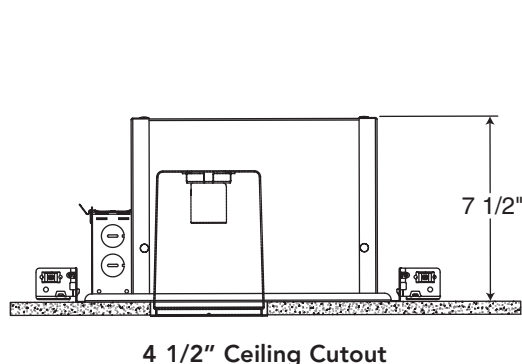
Ordering Information

Catalog No.	Description
IC1P	4" Air-Loc® rated IC housing, detachable socket
IC1PG	IC1P with pre-installed Air-Loc gasket

Ordering Information

Catalog No.	Description
GU10-WHIP	Medium base to GU10 base flexible socket adapter (use with 10, 440, 440SQ, 445, 446 & 448 trims only)

Dimensions





Description

Non-IC rated housing • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with trims 11, 12, 12SQ, 4101, 4102 and 4181 • Wet location listed with trims 14, 17 and 17SQ with PAR20 outdoor rated lamps • Conforms with City of Chicago IP requirements

Features

- 4" Housing
- Detachable medium base porcelain socket with nickel-plated copper screw shell
- Vertically adjustable to accommodate up to a 1 1/4" ceiling thickness
- Steel housing is fully assembled for ease of installation
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG minimum 90° C branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps or insulation
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC1 and TC1 Series

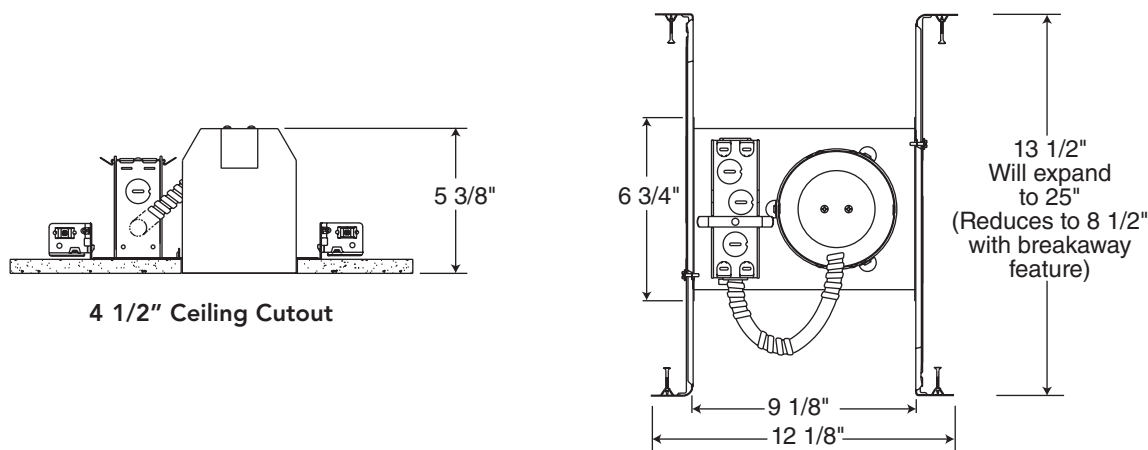
Ordering Information

Catalog No.	Description
TC1	4" TC Incandescent housing
TC1S	TC1 with smaller footprint bar hanger (Real Nail® 2)

Ordering Information

Catalog No.	Description
GU10-WHIP	Medium base to GU10 base flexible socket adapter. Use with 10, 440, 440SQ, 445, 446 & 448 trims only
4TSA	4" Housing adapter converts original 4" housings for optimal retention of push-in style trims

Dimensions





Description

Non-IC rated remodel housing for applications where the back side of the ceiling is not accessible • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with trims 11, 12, 12SQ, 4101, 4102 and 4181 • Wet location listed with trims 14, 17 and 17SQ with PAR20 outdoor rated lamps • Conforms with City of Chicago IP requirements

Features

- 4" Remodel housing
- Detachable medium base porcelain socket with nickel-plated copper screw shell
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Steel housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG minimum 90° C branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps or insulation
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC1 Series, IC1P, TC1 Series, TC1R and TC1RCWN

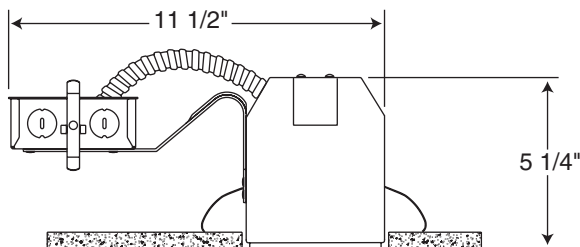
Ordering Information

Catalog No.	Description
TC1R	4" TC Incandescent remodel housing

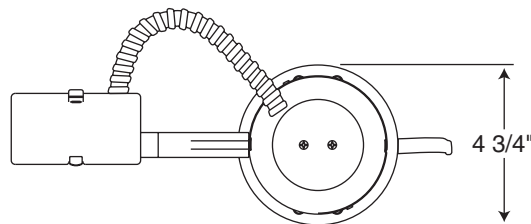
Ordering Information

Catalog No.	Description
SMPLT-4	Galvanized steel plate for locating remodel style housings in new construction. Screw/nail holes for full coverage between 16" and 24" joists
GU10-WHIP	Medium base to GU10 base flexible socket adapter. Use with 10, 440, 440SQ, 445, 446 & 448 trims only

Dimensions



4 3/8" Ceiling Cutout





Description

Non-IC rated remodel housing for applications where back side of ceiling is not accessible • Secured in place by factory installed screw driven remodel clamps for easy installation into ceiling material • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL/cUL Listed for U.S. and Canada through-branch wiring, damp and wet locations • Wet location listed for covered ceiling applications with trims 11, 12, 12SQ, 4101, 4102, V4012 and V4041 • Wet location listed for covered ceiling applications with trims 14, 17, 17SQ, V4017 and V4034 when used with outdoor rated lamps

Features

- 4" Remodel housing
- Shallow housing for use in 2 x 6 construction
- Detachable medium base porcelain socket with nickel-plated copper screw shell
- Remodel clamps provided with #2 Quadrex drive screws (#2 Robertson/#2 Phillips combo)
- Clamps accommodate up to a 5/8" ceiling thickness
- Steel housing is fully assembled for ease of installation
- Pre-wired junction box provided with removable access plate, (5) 1/2" knockouts with pryout slots, (4) Non-metallic sheathed cable connectors and ground wire
- UL/cUL Listed for through-branch wiring maximum (4) #12 AWG 90° C branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of insulation
- Supplied with push-in electrical connectors for fast installation
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC1 Series, IC1P, TC1 Series, TC1R and TC1RCWN

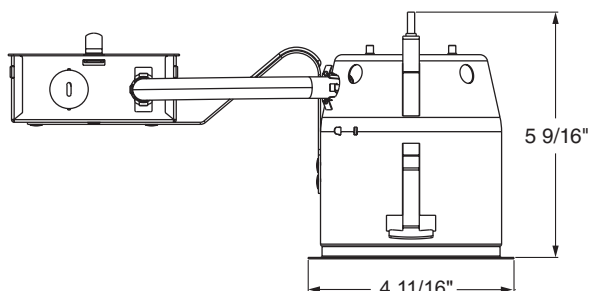
Ordering Information

Catalog No.	Description
TC1RCWN	4" TC Incandescent remodel housing

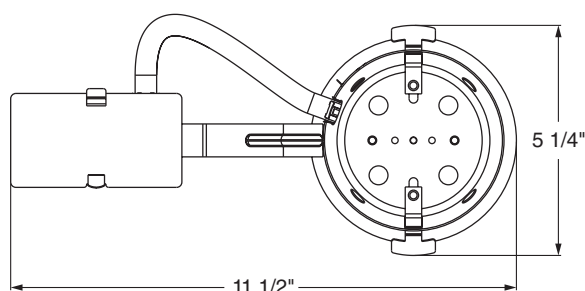
Ordering Information

Catalog No.	Description
SMPLT-4	Galvanized steel plate for locating remodel style housings in new construction. Screw/nail holes for full coverage between 16" and 24" joists
GU10-WHIP	Medium base to GU10 base flexible socket adapter. Use with 440, 440SQ, 445, 446 & 448 trims only

Dimensions



4 3/8" Ceiling Cutout



Downlights

	Catalog # 14W-WH 14B-WH 14B-BL 14B-ABZ 14B-SC	Description White Baffle, White Trim Black Baffle, White Trim Black Baffle, Black Trim Black Baffle, Classic Aged Bronze Black Baffle, Satin Chrome Trim	Max. Lamp Rating IC1: 50W PAR20**, 50W R20 IC1P/TC1/TC1R: 50W PAR20/R20 TC1RCWN: 50W PAR20 Aperture 3 3/8"	
	Catalog # 17B-WH 17C-WH 17G-WH 17HZ-WH 17PT-SC 17W-WH 17WHZ-WH 17WHZ-ABZ	Description Black Alzak®, White Trim Clear Alzak®, White Trim Gold Alzak®, White Trim Haze, White Trim Pewter Alzak®, Satin Chrome Trim Gloss White, White Trim Wheat Haze, White Trim Wheat Haze, Classic Aged Bronze	Max. Lamp Rating IC1/IC1P/TC1/TC1R: 50W PAR20/R20 TC1RCWN: 50W PAR20 IC1P: 60W K19 Aperture 3 3/8"	
	Catalog # 13-WH	Description White Trim	Max. Lamp Rating IC1: 30W R20, 35W PAR20 IC1P/TC1/TC1R: 50W PAR20/R20 TC1RCWN: 50W PAR20 IC1P: 40W K19 Aperture 2"	

Adjustables

	Catalog # 10-ABZ 10-BL 10-SC 10-WH	Description Classic Aged Bronze Trim Black Trim Satin Chrome Trim White Trim	Max. Lamp Rating IC1P/TC1/TC1R: 50W PAR20, 75W ES20* TC1RCWN: 50W PAR20 Adjustment PAR20 = 25° ES20 = 35°	
	Catalog # 18-SC 18-WH	Description Satin Chrome Trim White Trim	Max. Lamp Rating 60W PAR16 40W R16 TC1RCWN: 60W PAR16 Adjustment 35° vertical	
	Catalog # 19-WH	Description White Trim	Max. Lamp Rating IC1/IC1P/TC1/TC1R: 40W R14 40W R16 Intermediate screw base Adjustment 35° vertical	
	Catalog # 440-ABZ 440-BL 440-SC 440-WH	Description Classic Aged Bronze Trim Black Trim Satin Chrome Trim White Trim	Max. Lamp Rating IC1: 35W MR16/ES16 120V GU10 base* IC1P/TC1/TC1R/TC1RCWN: 50W MR16/PAR16/ES16 120V GU10 base* Adjustment 40° vertical	

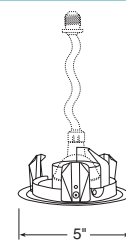
Adjustables (cont)



Adjustable Slot Aperture

Catalog #
445-WH
White Trim
Not for use with IC1/IC1S/IC1W housings

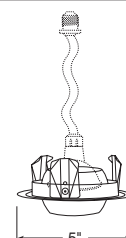
Max. Lamp Rating
IC1P: 50W MR16/ES16
120V GU10 base*
TC1/TC1R/TC1RCWN: 50W
MR16/PAR16/ES16
120V GU10 base*
Aperture
1 1/2" x 2 1/8" Oblong
Adjustment
40° vertical



Eyeball with Black Baffle

Catalog #
448-WH
White Eyeball with Black Baffle,
White Trim

Max. Lamp Rating
IC1: 35W MR16/ES16
120V GU10 base*
IC1P: 50W MR16/ES16
120V GU10 base*
TC1/TC1R/TC1RCWN: 50W
MR16/PAR16/ES16
120V GU10 base*
Adjustment
35° vertical



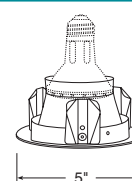
Lensed



Frosted Lens with
Clear Center

Catalog #
12W-ABZ
Perimeter Frosted Lens,
Classic Aged Bronze Trim
12W-SC
Perimeter Frosted Lens,
Satin Chrome Trim
12W-WH
Perimeter Frosted Lens,
White Trim

Max. Lamp Rating
IC1: 30W R20, 50W PAR20**
IC1P: 50W PAR20/R20,
40W K19
TC1/TC1R: 50W
PAR20/R20
TC1RCWN: 50W
PAR20



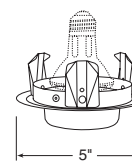
** requires T599 Socket Extender (see Accessories)



Drop Opal

Catalog #
11-WH
Drop Opal Lens, White Trim

Max. Lamp Rating
IC1: 30W R20, 35W PAR20
IC1P: 30W R20, 50W
PAR20, 40W K19
TC1/TC1R: 50W
PAR20/R20
TC1RCWN: 50W
PAR20



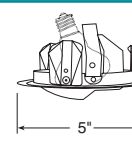
Wall Wash



Adjustable Scoop

Catalog #
16-WH
White Trim

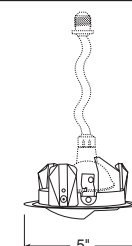
Max. Lamp Rating
IC1/IC1P/TC1/TC1R:
40W R14
40W R16
intermediate screw base
Adjustment
50° vertical



Adjustable Scoop

Catalog #
446-WH
White Trim
Not for use with IC1/IC1S/IC1W housings

Max. Lamp Rating
IC1P: 50W MR16/ES16
120V GU10 base*
TC1/TC1R/TC1RCWN:
50W MR16/PAR16/ES16
120V GU10 base*
Adjustment
40° vertical



UL listed for use
in wet location.

Decorative

	Catalog # 4102-ABZ 4102-SC 4102-WH	Description Regressed Perimeter Frosted Glass Lens, Classic Aged Bronze Trim Regressed Perimeter Frosted Glass Lens, Satin Chrome Trim Regressed Perimeter Frosted Glass Lens, White Trim	Max. Lamp Rating IC1: 50W PAR20, 30W R20 IC1P/TC1/TC1R: 50W PAR/R20 TC1RCWN: 50W PAR20	
	Catalog # 4101-ABZ 4101-SC 4101-WH	Description Frosted Glass Lens, Classic Aged Bronze Trim Frosted Glass Lens, Satin Chrome Trim Frosted Glass Lens, White Trim	Max. Lamp Rating IC1: 50W PAR20, 30W R20 IC1P/TC1/TC1R: 50W PAR/R20 TC1RCWN: 50W PAR20	
	Catalog # 4104HZ-SC 4104WHZ-ABZ	Description Haze, Satin Chrome Trim Wheat Haze, Classic Aged Bronze Trim	Max. Lamp Rating 50W PAR/R20 TC1RCWN: 50W PAR20 Aperture 3 3/8"	
	Catalog # 4103FROST-SC 4103FROST-WH	Description Frosted Glass, Satin Chrome Trim Frosted Glass, White Trim	Max. Lamp Rating 50W PAR/R20 TC1RCWN: 50W PAR20 Aperture 3"	
	Catalog # 4150MESH-SC	Description Mesh Glass, Satin Chrome Trim	Max. Lamp Rating IC1: 50W PAR20, 30W R20 IC1P/TC1/TC1R: 50W PAR/R20 TC1RCWN: 50W PAR20 Aperture 2 5/8"	
	Catalog # 4181CLEAR	Description Perimeter Frosted Clear Glass	Max. Lamp Rating IC1: 35W PAR20, 30W R20 IC1P/TC1/TC1R: 50W PAR/R20	
	Catalog # 4180FROST	Description Frosted Glass ** requires T599 Socket Extender (see Accessories)	Max. Lamp Rating IC1: 50W R20**, 50W PAR20 IC1P/TC1/TC1R: 50W PAR20/R20 Aperture 2 5/8"	

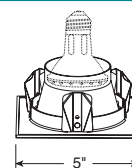
Squares



Square Downlight

Catalog #
17SQ-B-WH Black Reflector, White Trim
17SQ-HZ-WH Haze Reflector, White Trim
17SQ-W-WH White Reflector, White Trim
17SQ-WHZ-WH Wheat Haze Reflector, White Trim
 ** requires T599 Socket Extender (see Accessories)

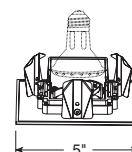
Max. Lamp Rating
 IC1: 30W R20, 39W PAR20, 50W PAR20**
 TC1/TC1R: 50W PAR20,
 IC1P: 50W R20
 TC1RCWN: 50W PAR20



Square Flush Gimbal

Catalog #
440SQ-WH White Trim
440SQ-BL Black Trim
 *Requires GU10-WHIP

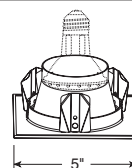
Max. Lamp Rating
 IC1: 35W MR16
 120V GU10 base*
 IC1P/TC1/TC1R/TC1RCWN:
 50W MR16 120V GU10 base*
Adjustment
 35° vertical



Square Pinhole

Catalog #
13SQ-WH White Trim

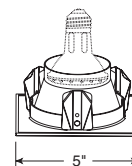
Max. Lamp Rating
 IC1: 30W R20, 35W PAR20, 39W PAR20**
 IC1P: 50W PAR20, 30W R20
 TC1/TC1R: 50W PAR20/R20
 TC1RCWN: 50W PAR20



Square Frosted Lens with Clear Center

Catalog #
12SQ-W-WH Frost Lens, White Trim

Max. Lamp Rating
 IC1: 30W R20, 50W PAR20**
 IC1P/TC1/TC1R:
 50W PAR20/R20
 TC1RCWN: 50W PAR20





Private Residence, St. Charles, Illinois; PictureBoy Photography



Down-Lites | IC20LEDG4

5" LED Downlight Housing IC Rated

600 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with integral light engine • Shallow housing design allows for fit in 2 x 6 construction • No extra gasket required • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified when used with select baffle and cone trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 5" LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens using less than 12W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation, high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC20LEDG4, IC20LWDG4N, IC920LEDG4, IC920LWDG4 and IC1420LEDG4 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

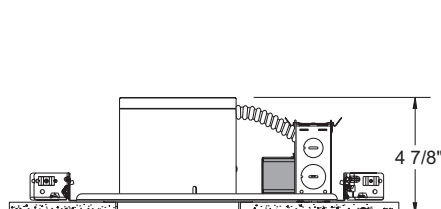
Example: IC20LEDG4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC20LEDG4	27K 2700K	1 Dedicated 120V Only
	3K 3000K	(Forward Phase and
	35K 3500K	ELV dimming)
	41K 4100K	U Universal Voltage,
		120-277V (0-10V dimming)

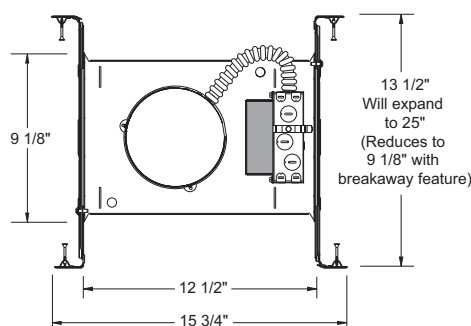
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



5 5/8" Ceiling Cutout





Down-Lites | IC20RLEDG4

5" LED Downlight Remodel Housing IC Rated

600 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed remodel housing with integral light engine for applications where the back side of the ceiling is not accessible • Shallow housing design allows for fit in 2 x 6 construction • Secured in place by factory installed remodel springs • Can be completely covered with insulation • When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified when used with select baffle and cone trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 5" LED remodel housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens using less than 12W*
- 2700, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine with mounts directly to housing and incorporates the latest generation, high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Remodel springs accommodate up to 1 1/8" ceiling thickness
- Pre-wired junction box with (5) 1/2", (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Push-in electrical connectors included
- Trim selection follows IC20LEDG4, IC20LWDG4N, IC920LEDG4, IC920LWDG4 and IC1420LEDG4 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

Example: IC20RLEDG4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC20RLEDG4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	
	35K 3500K	
	41K 4100K	U Universal Voltage, 120-277V (0-10V dimming)

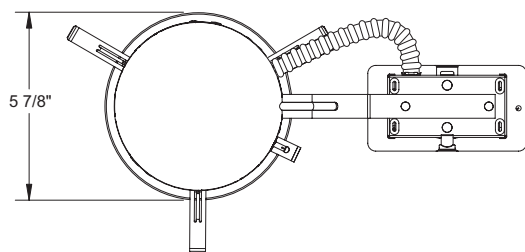
Accessories

Catalog No.	Description
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

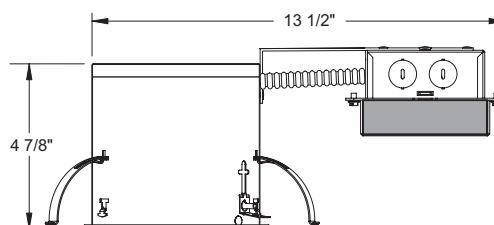
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



5 1/2" Ceiling Cutout





Down-Lites | IC20LWDG4N

5" WarmDim® LED Downlight Housing IC Rated

600 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with patented (US Patent 8,710,754) WarmDim® technology • LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources • Shallow housing design allows for fit in 2 x 6 construction • No extra gasket required • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 5" WarmDim LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens with select trims using 12W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end, maintaining 90 CRI throughout dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC20LEDG4, IC20LWDG4N, IC920LEDG4, IC920LWDG4 and IC1420LEDG4 Series

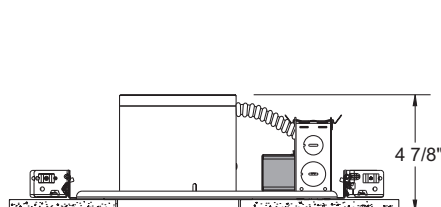
Ordering Information

Catalog No.	Description
IC20LWDG4N-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

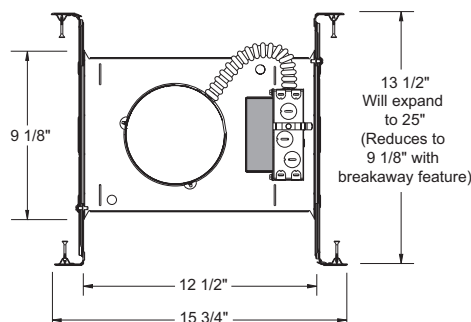
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)

Dimensions



5 5/8" Ceiling Cutout





Down-Lites | IC20RLWDG4N

5" WarmDim® LED Downlight Remodel Housing IC Rated

600 Lumen



Description

IC rated dedicated LED, Air-Loc® remodel housing with patented (US Patent 8,710,754) WarmDim® technology

- LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources
- For applications where the backside of the ceiling is not accessible
- Can be completely covered with insulation
- Shallow housing design allows for fit in 2 x 6 construction
- When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs
- Secured in place by factory installed remodel springs
- LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for damp and wet locations • UL and cUL

- RoHS compliant
- Wet location listed when used with 210N, 212N, 2130 and 5101 trims
- ENERGY STAR® Qualified when used with select trims
- Certified to the high efficiency requirements of California T24 with select trims

Features

- 5" WarmDim LED remodel housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens with select trims using 12W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end, maintaining 90 CRI minimum throughout dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Knockouts equipped with pryout slots
- Push-in electrical connectors included
- Trim selection follows IC20LEDG4, IC20LWDG4N, IC920LEDG4, IC920LWDG4 and IC1420LEDG4 Series

Ordering Information

Catalog No.	Description
IC20RLWDG4N-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase + ELV dimmable) Input Voltage

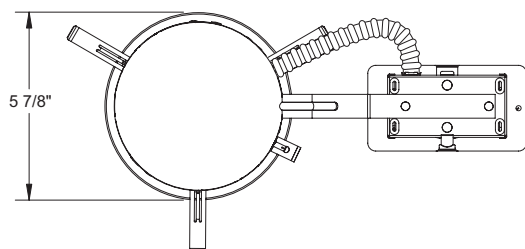
Accessories

Catalog No.	Description
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

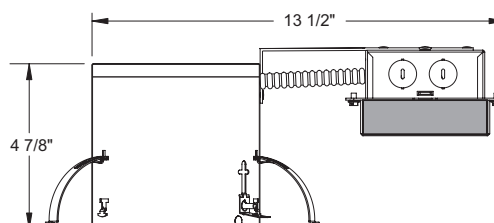
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)

Dimensions



5 1/2" Ceiling Cutout





Down-Lites | IC920LEDG4

5" LED Downlight Housing IC Rated

900 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with integral light engine • No extra gasket required • Shallow housing allows for fit in 2 x 6 construction • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp locations • UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 5" LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens using less than 16W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing • Bar hangers may be repositioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC20LEDG4, IC20LWDG4N, IC920LEDG4, IC920LWDG4 and IC1420LEDG4 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

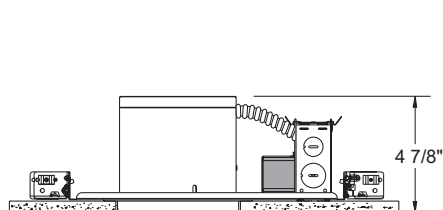
Example: IC290LEDG4-35K-1

Catalog No.	Color Temp.	Input Voltage
IC920LEDG4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	
	35K 3500K	
	41K 4100K	U Universal Voltage, 120-277V (0-10V dimming)

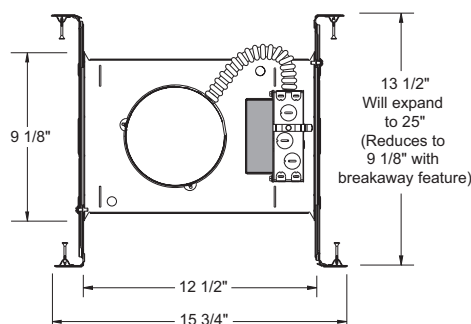
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



5 5/8" Ceiling Cutout





Down-Lites | IC920RLEDG4

5" LED Downlight Remodel Housing IC Rated

900 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed remodel housing with integral light engine for applications where the back side of the ceiling is not accessible • Shallow housing design allows for fit in 2 x 6 construction • Secured in place by factory installed remodel springs • Can be completely covered with insulation • When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp locations • UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 5" LED remodel housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens using less than 16W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine with mounts directly to housing and incorporates the latest generation, high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Remodel springs accommodate up to 1 1/8" ceiling thickness
- Pre-wired junction box with (5) 1/2", (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Push-in electrical connectors included
- Trim selection follows IC20LEDG4, IC20LWDG4N, IC920LEDG4, IC920LWDG4 and IC1420LEDG4 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

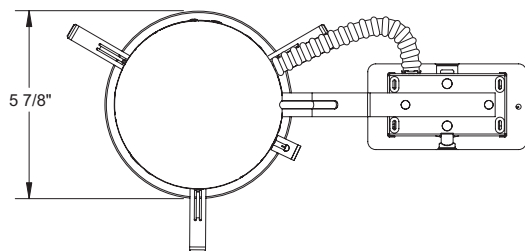
Ordering Information Example: IC920RLEDG4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC920RLEDG4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	
	35K 3500K	
	41K 4100K	U Universal Voltage, 120-277V (0-10V dimming)

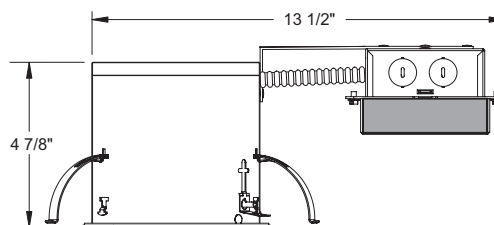
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



5 1/2" Ceiling Cutout





Down-Lites | IC920LWDG4

5" WarmDim® LED Downlight Housing IC Rated

900 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with patented (US Patent 8,710,754) WarmDim® technology • LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources • Shallow housing design allows for fit in 2 x 6 construction • No extra gasket required • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp locations • UL and cUL • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified when used with select trims

Features

- 5" WarmDim LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens with select trims using 18W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end, maintaining 90 CRI throughout dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC20LEDG4, IC20LWDG4N, IC920LEDG4, IC920LWDG4 and IC1420LEDG4 Series

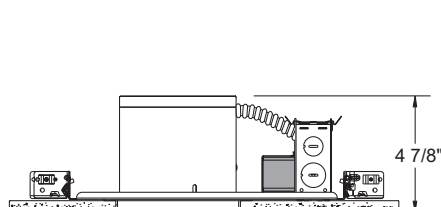
Ordering Information

Catalog No.	Description
IC920LWDG4-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

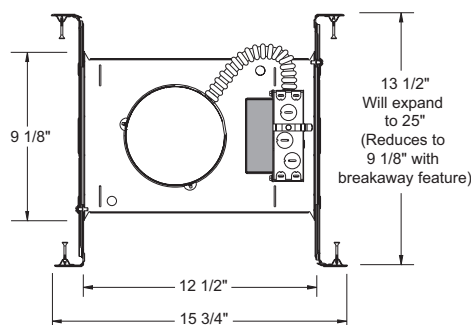
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)

Dimensions



5 5/8" Ceiling Cutout





Down-Lites | IC920RLWDG4

5" WarmDim® LED Downlight Remodel Housing IC Rated

900 Lumen



Description

IC rated dedicated LED, Air-Loc® remodel housing with patented (US Patent 8,710,754) WarmDim® technology

- LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources
- For applications where the backside of the ceiling is not accessible
- Can be completely covered with insulation
- Shallow housing design allows for fit in 2 x 6 construction
- When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs
- Secured in place by factory installed remodel springs
- LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp locations

- UL and cUL
- Wet location listed when used with 210N, 212N, 2130 and 5101 trims
- ENERGY STAR® Qualified when used with select trims

Features

- 5" WarmDim LED remodel housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens with select trims using 18W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end, maintaining 90 CRI throughout dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Knockouts equipped with pryout slots
- Push-in electrical connectors included
- Trim selection follows IC20LEDG4, IC20LWDG4N, IC920LEDG4, IC920LWDG4 and IC1420LEDG4 Series

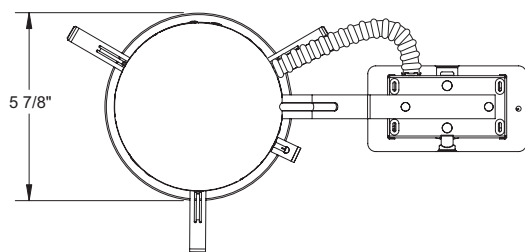
Ordering Information

Catalog No.	Description
IC920RLWDG4-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

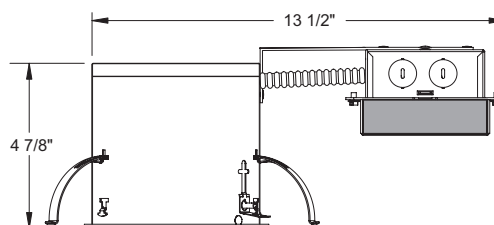
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)

Dimensions



5 1/2" Ceiling Cutout





Down-Lites | IC1420LEDG4

5" LED Downlight Housing IC Rated

1400 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with integral light engine • No extra gasket required • Housing allows for fit in 2 x 8 construction • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp locations • UL and cUL • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified when used with select baffle and cone trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 5" LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 1400 lumens using 20W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED array integrated to thermally conductive housing provides uninterrupted heat transfer to ensure long life of the LED
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing • Bar hangers may be repositioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC20LEDG4, IC20LWDG4N, IC920LEDG4, IC920LWDG4 and IC1420LEDG4 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

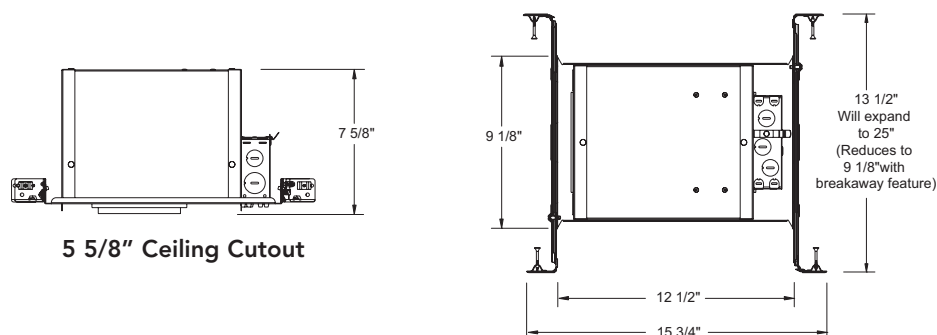
Ordering Information Example: IC1420LEDG4-35K-1

Catalog No.	Color Temp.	Input Voltage
IC1420LEDG4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	
	35K 3500K	
	41K 4100K	U Universal Voltage, 120-277V (0-10V dimming)

LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



Down-Lites | Trims for IC20LEDG4, IC20RLEDG4, IC20LWDG4N, IC20RLWDG4N, IC920LEDG4, IC920RLEDG4, IC920LWDG4, IC920RLWDG4 & IC1420LEDG4

Downlight

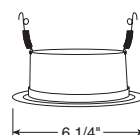


Downlight Cone

Catalog #	Description
204C-WH	Clear Alzak®, White Trim
204G-WH	Gold Alzak®, White Trim
204B-WH	Black Alzak®, White Trim
204PT-SC	Pewter Alzak®, Satin Chrome Trim
204W-WH	Gloss White, White Trim
204HZ-WH	Haze, White Trim
204WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
204WHZ-WH	Wheat Haze, White Trim

Compatible with TR5, 5" trim ring

Aperture
4 3/8"

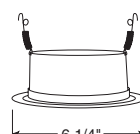


Downlight Baffle

Catalog #	Description
205W-WH	White Baffle, White Trim
205B-WH	Black Baffle, White Trim
205B-ABZ	Black Baffle, Classic Aged Bronze Trim
205B-SC	Black Baffle, Satin Chrome Trim

Compatible with TR5, 5" trim ring

Aperture
4 3/8"



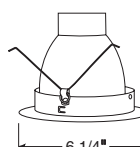
Lensed



Flat Glass Shower Trim*

Catalog #	Description
210N-ABZ	Classic Aged Bronze Trim
210N-SC	Satin Chrome Trim
210N-WH	White Trim

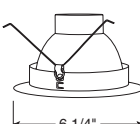
* Do not use reflector shipped with trim for LED housing
Recycle reflector.



Frosted Lens with Clear Center*

Catalog #	Description
212N-ABZ	Perimeter Frosted Lens, Classic Aged Bronze Trim
212N-SC	Perimeter Frosted Lens, Satin Chrome Trim
212N-WH	Perimeter Frosted Lens, White Trim

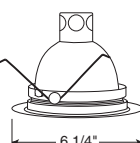
* Do not use reflector shipped with trim for LED housing
Recycle reflector.



Baffle, Regressed Frosted Dome Lens*

Catalog #	Description
2130W-WH	White Baffle, White Trim
2130B-WH	Black Baffle, White Trim

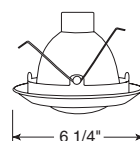
* Do not use reflector shipped with trim for LED housing
Recycle reflector.



Beveled Frame, Frosted Dome Lens*

Catalog #	Description
5101-ABZ	Classic Aged Bronze Trim
5101-SC	Satin Chrome Trim
5101-WH	White Trim

* Do not use reflector shipped with trim for LED housing
Recycle reflector.



ENERGY STAR®
Qualified



Certified to the high
efficiency requirements
of California T24



Juno IC housings meet IECC Air-Loc®
Code requirements per ASTM E283.
Air-Loc® rated trims are pre-gasketed for
minimum air leakage with IC housings.



UL listed for use
in wet location.

ENERGY STAR® qualification and T24 certification is dependent on trim
finish and LED color temperature. See housing spec sheet on
www.junolightinggroup.com for specific information for each trim.



Down-Lites | Trims for IC20LEDG4, IC20RLEDG4, IC20LWDG4N, IC20RLWDG4N, IC920LEDG4, IC920RLEDG4, IC920LWDG4, IC920RLWDG4 & IC1420LEDG4

Hyperbolic

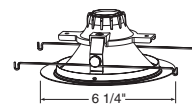


Cone

Catalog #
204HYP2-C-WH
204HYP2-B-WH
204HYP2-W-WH
204HYP2-HZ-WH
204HYP2-WHZ-WH
204HYP2-WHZ-ABZ

Description
Clear Alzak®, White Trim
Black Alzak®, White Trim
White, White Trim
Haze, White Trim
Wheat Haze, White Trim
Wheat Haze, Classic Aged Bronze Trim

Aperture
4 1/2"
Housing Compatibility
IC20LEDG4/IC20RLEDG4 Series

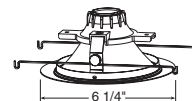


Cone

Catalog #
204HYP3-C-WH
204HYP3-B-WH
204HYP3-W-WH
204HYP3-HZ-WH
204HYP3-WHZ-WH
204HYP3-WHZ-ABZ

Description
Clear Alzak®, White Trim
Black Alzak®, White Trim
White, White Trim
Haze, White Trim
Wheat Haze, White Trim
Wheat Haze, Classic Aged Bronze Trim

Aperture
4 1/2"
Housing Compatibility
IC920LEDG4/IC920RLEDG4 Series, IC1420LEDG4



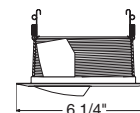
Wall Wash



Scoop

Catalog #
213G3W-WH
213G3B-WH

Description
White Baffle, White Trim
Black Baffle, White Trim



ENERGY STAR®
Qualified



Certified to the high
efficiency requirements
of California T24

ENERGY STAR® qualification and T24 certification is dependent on trim finish and LED color temperature. See housing spec sheet on www.junolightinggroup.com for specific information for each trim.





Description

IC rated Air-Loc®, energy efficient vertical CFL housing with single wall construction • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 210N, 2130 and 5101 trims

Features

- 5" Compact fluorescent housing
- California Title 24 compliant
- 120V HPF or NPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast enclosed in an aluminum heat dissipating box which prevents direct contact with insulation. Ballast mounted between junction box and housing for ease of maintenance
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- 2 year warranty
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

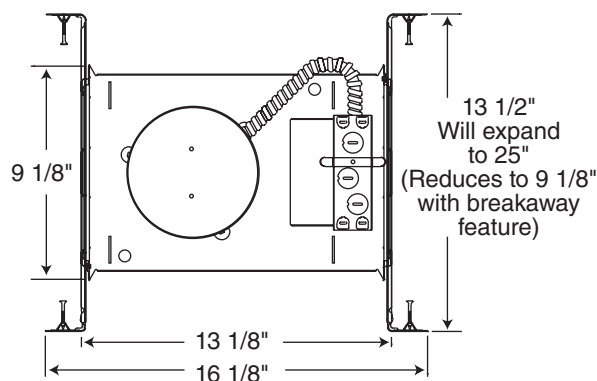
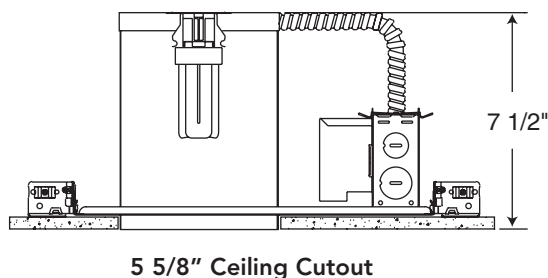
Ordering Information

Catalog No.	Description
ICPL526E	120V HPF ballast
ICPL526EN	120V NPF ballast
ICPL526E-DB120	ICPL526E with 120V HPF dimmable ballast – T24 compliant
ICPL526EN-DB120	ICPL526E with 120V normal power factor (NPF) dimmable ballast – T24 compliant

Ordering Information

Catalog No.	Description
ALG5	Air-Loc® Energy Conserving Gasket for 5" Air-Loc IC housings

Dimensions





Description

IC rated Air-Loc®, energy efficient vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 210N, 2130 and 5101 trims

Features

- 5" Compact fluorescent remodel housing
- California Title 24 compliant
- 120V HPF or NPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast mounted to underside of junction box to minimize contact with insulation
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel springs accommodate up to 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- 2 year warranty
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

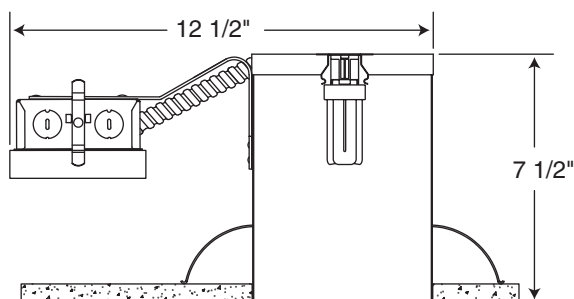
Ordering Information

Catalog No.	Description
ICPL526RE	120V HPF ballast
ICPL526REN	120V NPF ballast
ICPL526REN-DB120	ICPL526RE with 120V normal power factor (NPF) dimmable ballast – T24 compliant

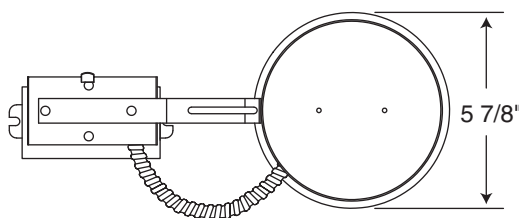
Ordering Information

Catalog No.	Description
ALG5R	Air-Loc® Energy Conserving Gasket Kit for 5" Air-Loc IC remodel housings
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

Dimensions



5 1/2" Ceiling Cutout





Description

Non-IC rated vertical CFL housing with single wall construction • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with 210N, 2130 and 5101 trims

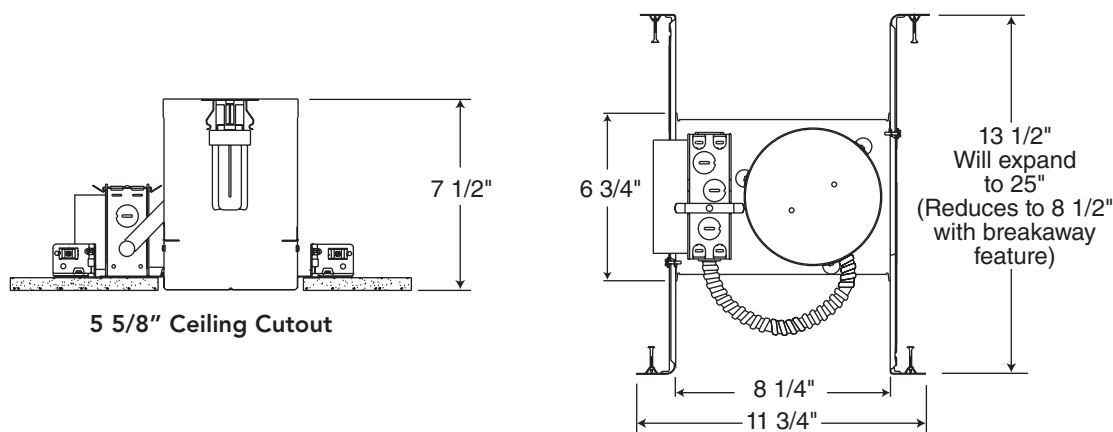
Features

- 5" Compact fluorescent housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted on junction box cover
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

Ordering Information

Catalog No.	Description
PL526EU	120V - 277V HPF ballast

Dimensions





Description

Non-IC rated vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible

- Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with 210N, 2130 and 5101 trims

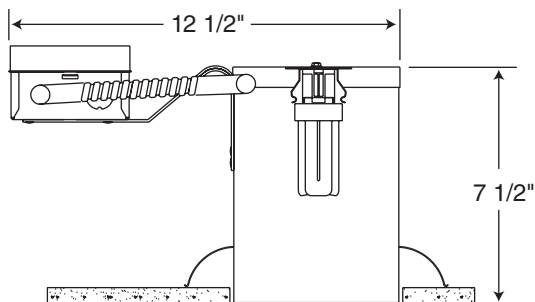
Features

- 5" Compact fluorescent remodel housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel clips accommodate up to a 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG conductors (2 in, 2 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

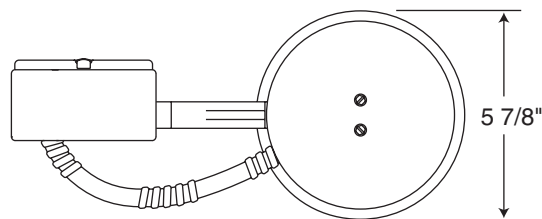
Ordering Information

Catalog No.	Description
PL526RE	120V - 277V HPF ballast

Dimensions



5 1/2" Ceiling Cutout





Description

IC rated Air-Loc®, energy efficient vertical CFL housing with single wall construction • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing the heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283

• California Title 24 compliant • Wet location listed when used with 210N, 2130 and 5101 trims

Features

- 5" Compact fluorescent housing
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast enclosed in an aluminum heat dissipating box which prevents direct contact with insulation. Ballast mounted between junction box and housing for ease of maintenance
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- 2 year warranty
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

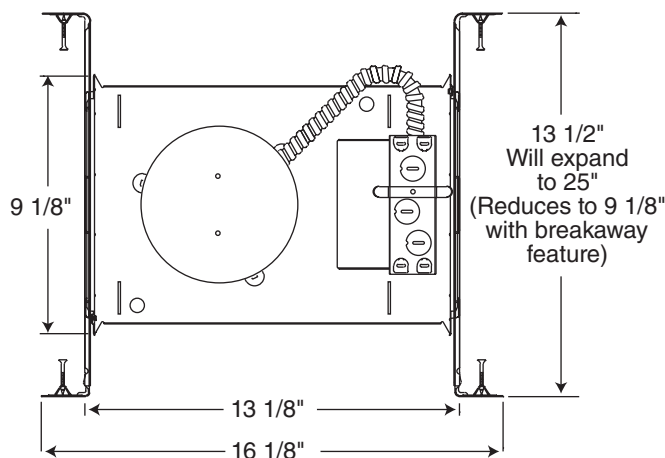
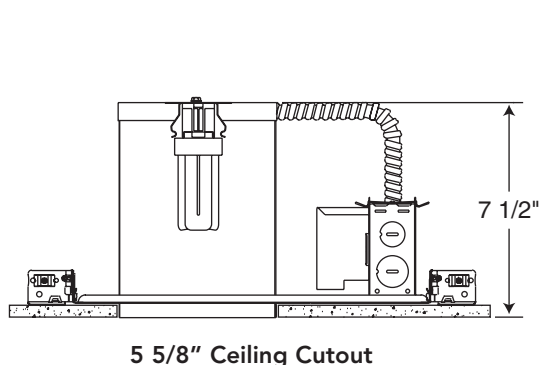
Ordering Information

Catalog No.	Description
ICPL518E	120V HPF ballast

Ordering Information

Catalog No.	Description
ALG5	Air-Loc® Energy Conserving Gasket for 5" Air-Loc IC housings

Dimensions





Description

IC rated Air-Loc®, energy efficient vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 210N, 2130 and 5101 trims

Features

- 5" Compact fluorescent remodel housing
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast mounted to underside of junction box to minimize contact with insulation
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel springs accommodate up to 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG conductors (2 in, 2 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- 2 year warranty
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

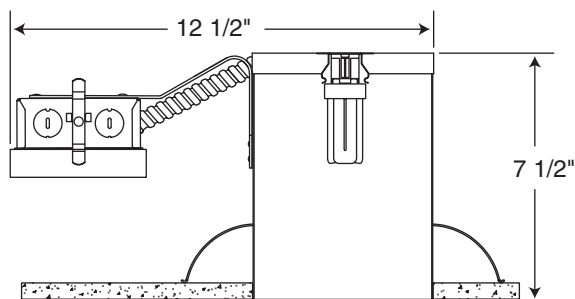
Ordering Information

Catalog No.	Description
ICPL518RE	120V HPF ballast

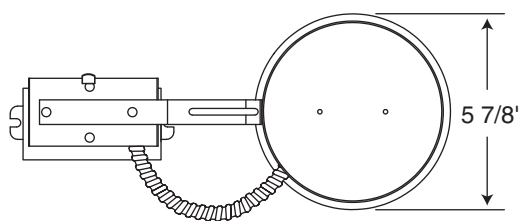
Ordering Information

Catalog No.	Description
ALG5R	Air-Loc® Energy Conserving Gasket Kit for 5" Air-Loc IC remodel housings
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

Dimensions



5 1/2" Ceiling Cutout





Description

Non-IC rated vertical CFL housing with single wall construction • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with 210N, 2130 and 5101 trims

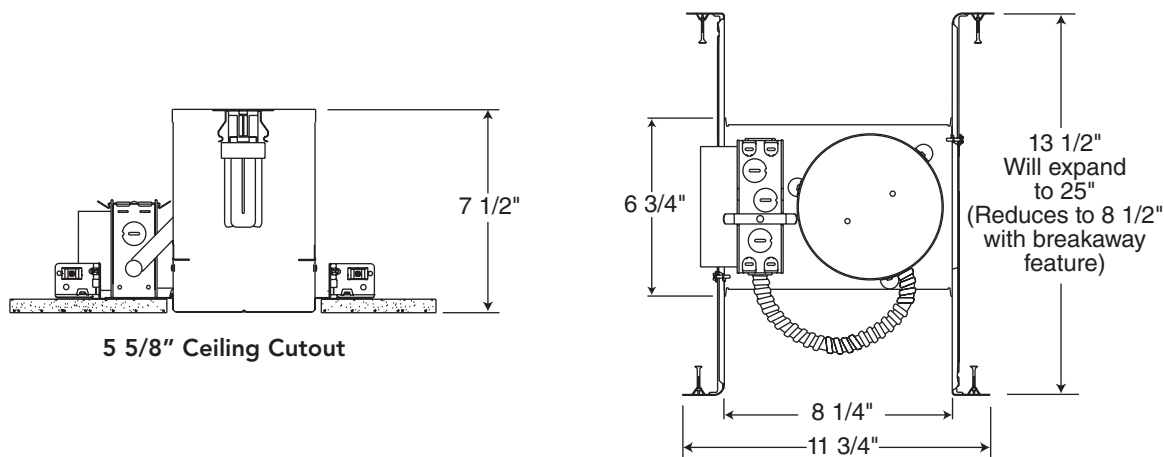
Features

- 5" Compact fluorescent housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted on junction box cover
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

Ordering Information

Catalog No.	Description
PL518EU	120V - 277V HPF ballast

Dimensions





Description

Non-IC rated vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible

- Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with 210N, 2130 and 5101 trims

Features

- 5" Compact fluorescent remodel housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel clips accommodate up to a 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG conductors (2 in, 2 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

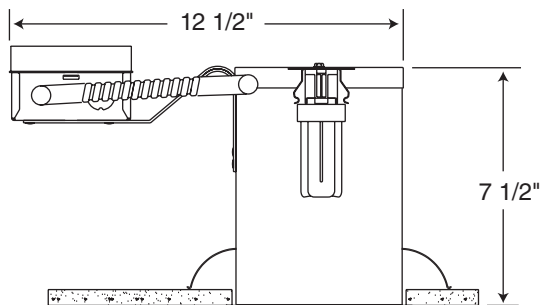
Ordering Information

Catalog No.	Description
PL518RE	120V - 277V HPF ballast

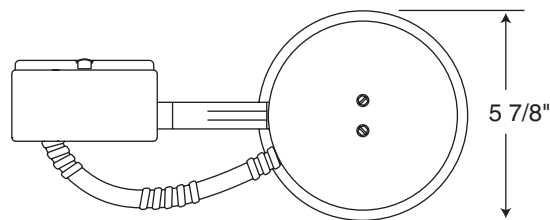
Ordering Information

Catalog No.	Description
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

Dimensions



5 1/2" Ceiling Cutout



Downlights



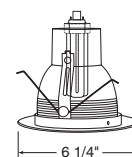
Enclosed Baffle

Catalog #
215W-WH
215B-WH

Description
White Baffle, White Trim
Black Baffle, White Trim

Max. Lamp Rating
ICPL/PL526: 26W
ICPL/PL518: 18W

Aperture
4 3/8"



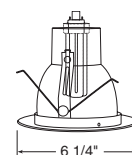
Enclosed Cone

Catalog #
216C-WH
216G-WH
216HZ-WH
216W-WH
216WHZ-WH

Description
Clear Alzak®, White Trim
Gold Alzak®, White Trim
Haze, White Trim
Gloss White, White Trim
Wheat Haze, White Trim

Max. Lamp Rating
ICPL/PL526: 26W
ICPL/PL518: 18W

Aperture
4 3/8"



Reflector with Baffle

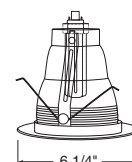
Catalog #
218W-WH
218B-WH

Description
White Baffle, White Trim
Black Baffle, White Trim

Note: Optimized for use with 26W Triples or 13W Quad tube lamps.

Max. Lamp Rating
ICPL/PL526: 26W
ICPL/PL518: 18W

Aperture
4 3/8"



Downlight

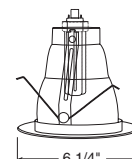
Catalog #
219C-WH
219HZ-SC
219HZ-WH
219WHZ-ABZ
219WHZ-WH

Description
Clear Low Iridescent Alzak®, White Trim
Haze, Satin Chrome Trim
Haze, White Trim
Wheat Haze, Classic Aged Bronze Trim
Wheat Haze, White Trim

Note: Optimized for use with 26W Triples or 13W Quad tube lamps.

Max. Lamp Rating
ICPL/PL526: 26W
ICPL/PL518: 18W

Aperture
4 3/8"



Lensed

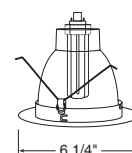


Flat Glass Shower Trim

Catalog #
210N-ABZ
210N-SC
210N-WH

Description
Classic Aged Bronze Trim
Satin Chrome Trim
White Trim

Max. Lamp Rating
ICPL/PL526: 26W
ICPL/PL518: 18W

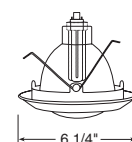


Beveled Frame, Frosted Dome Lens

Catalog #
5101-ABZ
5101-SC
5101-WH

Description
Classic Aged Bronze Trim
Satin Chrome Trim
White Trim

Max. Lamp Rating
ICPL/PL526: 26W
ICPL/PL518: 18W

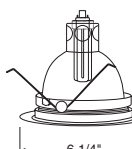


Baffle, Regressed Frosted Dome Lens

Catalog #
2130W-WH
2130B-WH

Description
White baffle, White Trim
Black baffle, White Trim

Max. Lamp Rating
ICPL/PL526: 26W
ICPL/PL518: 18W



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.



Description

IC rated, energy efficient Air-Loc® sealed housing • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 210N, 211, and 212N trims • The listing also includes the 215 and 216 trims, only when used with PAR30 outdoor rated lamps • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 5" Housing
- Drop socket with spring to accommodate various trim installations
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC20 and TC20 Series

Ordering Information

Catalog No.	Description
IC20	5" Incandescent housing
IC20G	IC20 with pre-installed Air-Loc® gasket
IC20S	IC20 with smaller footprint bar hanger (Real Nail® 2)
IC20SG	IC20 with smaller footprint bar hanger (Real Nail 2) and pre-installed Air-Loc gasket
IC20W	IC20 with push-in electrical connectors for fast, secure installation
IC20WG	IC20 with push-in electrical connectors and pre-installed Air-Loc gasket

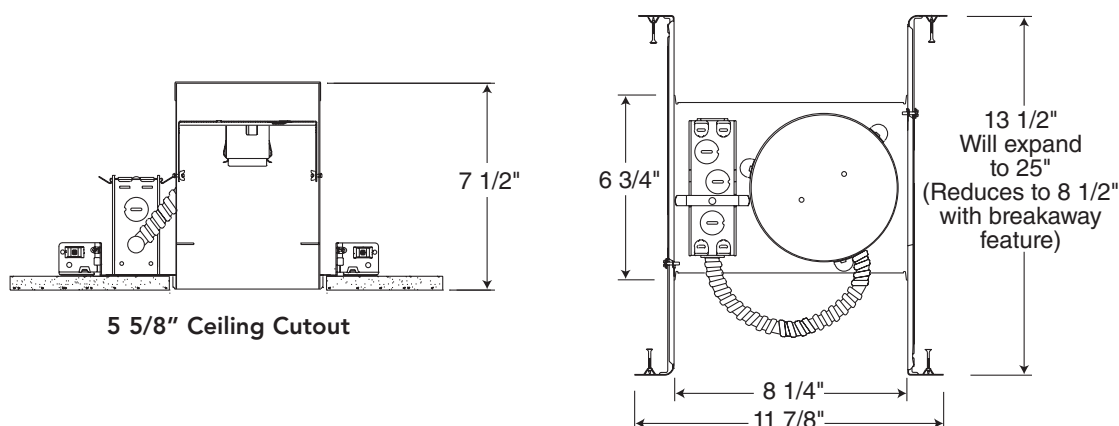
Ordering Information

Catalog No.	Description
IC20N	IC20 with no socket plate (use 208, 210N, 215, 216, 529 trims only)
IC20NG	IC20 with no socket plate. Pre-installed with Air-Loc® gasket
IC20NW	IC20 with push-in electrical connectors and no socket plate
IC20NWG	IC20 with push-in electrical connectors and no socket plate. Pre-installed with Air-Loc gasket

Ordering Information

Catalog No.	Description
ALG5	Air-Loc Energy Conserving Gasket for 5" Air-Loc IC housings

Dimensions





Description

IC rated, energy efficient Air-Loc® sealed remodel housing for applications where the back side of the ceiling is not accessible • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 210N, 211, and 212N trims • Wet location listed with trims 215 and 216 when used with PAR30 outdoor rated lamps • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 5" Remodel housing
- Drop socket with spring to accommodate various trim installations
- Medium base porcelain socket with nickel-plated copper screw shell
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC20 and TC20 Series

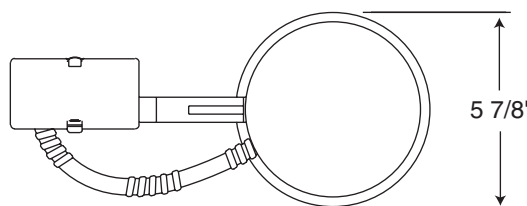
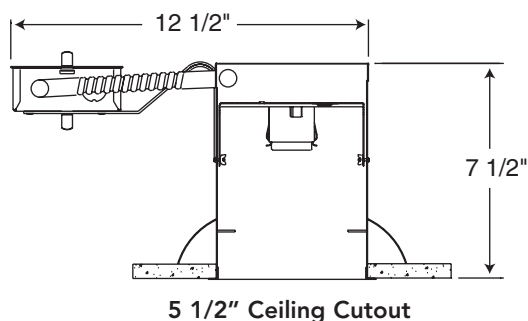
Ordering Information

Catalog No.	Description
IC20R	5" Incandescent remodel housing

Ordering Information

Catalog No.	Description
ALG5R	Air-Loc® Energy Conserving Gasket Kit for 5" Air-Loc IC remodel housings
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

Dimensions





Description

Non-IC rated housing • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 210N, 211, and 212N trims • Wet location listed with trims 215 and 216 when used with PAR30 outdoor rated lamps • Conforms with City of Chicago IP requirements

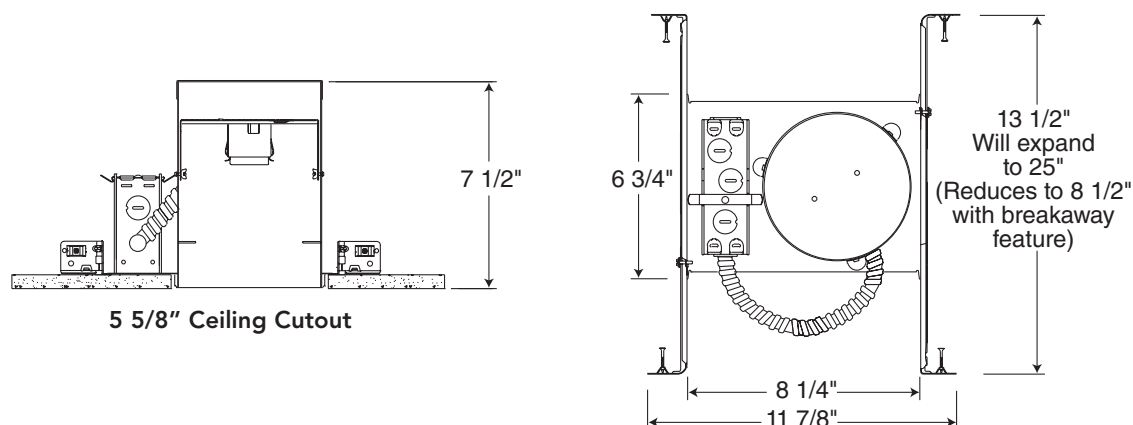
Features

- 5" Housing
- Medium base porcelain socket with nickel-plated copper screw shell
- Drop socket with spring to accommodate various trim installations
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Housing is fully assembled for ease of installation
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps or insulation
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC20 and TC20 Series

Ordering Information

Catalog No.	Description
TC20	5" TC Incandescent housing
TC20S	TC20 with smaller footprint bar hanger (Real Nail® 2)

Dimensions





Description

Non-IC rated remodel housing for applications where the back side of the ceiling is not accessible • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 210N, 211, and 212N trims • Wet location listed with trims 215 and 216 when used with PAR30 outdoor rated lamps • Conforms with City of Chicago IP requirements

Features

- 5" Remodel housing
- Medium base porcelain socket with nickel-plated copper screw shell
- Drop socket with spring to accommodate various trim installations
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps or insulation
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC20 and TC20 Series

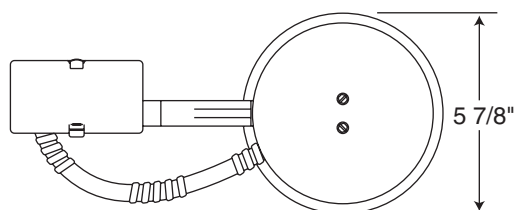
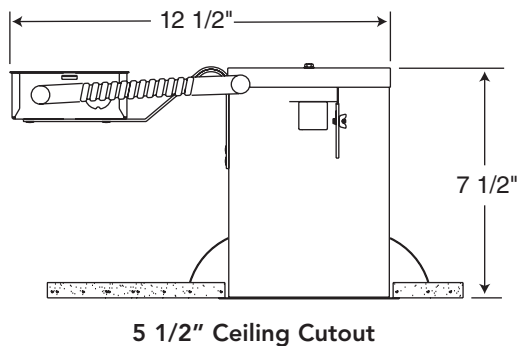
Ordering Information

Catalog No.	Description
TC20R	5" TC Incandescent remodel housing

Ordering Information

Catalog No.	Description
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

Dimensions



Downlights

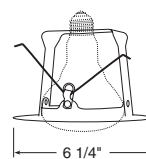


Open Frame

Catalog #
201N-WH

Description
White Trim

Max. Lamp Rating
65W BR30
Aperture
4"

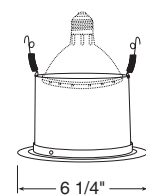


Deep Baffle

Catalog #
203W-WH
203B-WH
Compatible with TR5, 5" trim ring

Description
White Baffle, White Trim
Black Baffle, White Trim

Max. Lamp Rating
TC20: 75W PAR30,
65W BR30
Note: For use with TC20 and
TC20R Housings only.
Aperture
4 1/2"

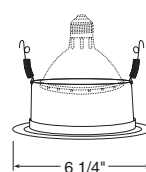


BR30/PAR30 Cone

Catalog #
204B-WH
204C-WH
204G-WH
204HZ-WH
204PT-SC
204W-WH
204WHZ-ABZ
204WHZ-WH
Compatible with TR5, 5" trim ring

Description
Black Alzak®, White Trim
Clear Alzak®, White Trim
Gold Alzak®, White Trim
Haze, White Trim
Pewter Alzak®, Satin Chrome Trim
Gloss White, White Trim
Wheat Haze, Classic Aged Bronze Trim
Wheat Haze, White Trim

Max. Lamp Rating
IC20: 50W PAR30
TC20: 75W PAR30L,
75W PAR30, 65W BR30
Aperture
4 3/8"

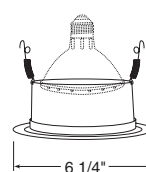


BR30/PAR30 Baffle

Catalog #
205W-WH
205B-WH
205B-ABZ
205B-SC
Compatible with TR5, 5" trim ring

Description
White Baffle, White Trim
Black Baffle, White Trim
Black Baffle, Classic Aged Bronze Trim
Black Baffle, Satin Chrome Trim

Max. Lamp Rating
IC20: 50W PAR30
TC20: 75W PAR30,
65W BR30
Aperture
4 3/8"

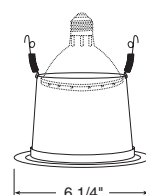


Deep Cone

Catalog #
206B-WH
206C-WH
206G-WH
206HZ-WH
206PT-SC
206WHZ-ABZ
206WHZ-WH
Compatible with TR5, 5" trim ring

Description
Black Alzak®, White Trim
Clear Alzak®, White Trim
Gold Alzak®, White Trim
Haze, White Trim
Pewter Alzak®, Satin Chrome Trim
Wheat Haze, Classic Aged Bronze Trim
Wheat Haze, White Trim

Max. Lamp Rating
IC20: 50W PAR30
TC20: 75W PAR30,
65W BR30
Aperture
4 1/2"

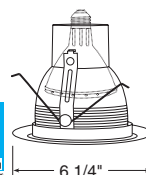


BR30/PAR30 Enclosed Baffle

Catalog #
215W-WH
215B-WH
IMPORTANT: Wet location listed when used with
outdoor rated PAR30 lamp

Description
White Baffle, White Trim
Black Baffle, White Trim

Max. Lamp Rating
IC20: 65W BR30, 75W
PAR30L, 75W PAR30
with Socket Extender
IC20N: 65W BR30
TC20: 85W BR30, 75W
PAR30L, 75W PAR30
with Socket Extender,
60W A19
Aperture
4 3/8"



Juno IC housings meet IECC Air-Loc®
Code requirements per ASTM E283.
Air-Loc® rated trims are pre-gasketed for
minimum air leakage with IC housings.



UL listed for use
in wet location.

Downlights (cont.)



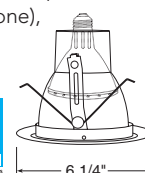
BR30/PAR30 Enclosed Cone

Catalog #	Description
216C-WH	Clear Alzak®, White Trim
216G-WH	Gold Alzak®, White Trim
216HZ-WH	Haze Alzak®, White Trim
216W-WH	Gloss White, White Trim
216WHZ-WH	Wheat Haze, White Trim

IMPORTANT: Wet location listed when used with outdoor rated PAR30 lamp

Max. Lamp Rating
 IC20: 75W PAR30L, 75W PAR30 with Socket Extender, 65W BR30
 IC20N, IC20NW: 65W BR30
 TC20: 85W BR30, 75W PAR30L, 75W PAR30 with Socket Extender, 60W A19 (Clear and Gold Cone), 40W A19 (White Cone)

Aperture
 4 3/8"

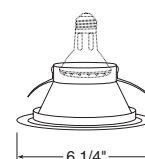


PAR/R20 Cone

Catalog #	Description
207B-WH	Black Alzak®, White Trim
207C-WH	Clear Alzak®, White Trim
207G-WH	Gold Alzak®, White Trim
207HZ-WH	Haze Alzak®, White Trim
207W-WH	Gloss White, White Trim
207WHZ-WH	Wheat Haze, White Trim

Compatible with TR5, 5" trim ring

Max. Lamp Rating
 50W PAR20/R20
Aperture
 4 5/8"



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.

Adjustables

	Catalog # 529-ABZ 529-SC 529-WH	Description Classic Aged Bronze Trim Satin Chrome Trim White Trim	Max. Lamp Rating 75W PAR30 Adjustment: 30° vertical adjustment, 358° rotation	
	Catalog # 208NW-WH 208NB-WH	Description White Baffle, White Trim Black Baffle, White Trim	Max. Lamp Rating 50W PAR20/R20 Adjustment 35° vertical adjustment, 358° rotation	
	Catalog # 209N-WH	Description White Trim	Max. Lamp Rating 75W PAR30 Adjustment 30° vertical adjustment, 358° rotation	
	Catalog # 688W-WH 688B-WH	Description White Baffle, White Trim Black Baffle, White Trim	Max. Lamp Rating IC20: 50W PAR30 TC20: 75W PAR30 Adjustment 30° vertical adjustment, 358° rotation	
	Catalog # 689C-WH 689G-WH 689HZ-WH 689WHZ-WH 689WHZ-ABZ	Description Clear Alzak®, White Trim Gold Alzak®, White Trim Haze Alzak®, White Trim Wheat Haze, White Trim Wheat Haze, Classic Aged Bronze Trim	Max. Lamp Rating IC20: 50W PAR30 TC20: 75W PAR30 Adjustment 30° vertical adjustment, 358° rotation	

Lensed

	Catalog # 210N-ABZ 210N-SC 210N-WH	Description Classic Aged Bronze Trim Satin Chrome Trim White Trim	Max. Lamp Rating IC20: 40W A19 IC20N, IC20NW: 35W PAR30L TC20: 90W A19	
	Catalog # 212N-ABZ 212N-SC 212N-WH	Description Perimeter Frosted Lens, Classic Aged Bronze Trim Perimeter Frosted Lens, Satin Chrome Trim Perimeter Frosted Lens, White Trim	Max. Lamp Rating IC20: 40W A15, 50W PAR30 TC20: 60W A15, 75W PAR30	
	Catalog # 211-PW	Description Shower Light, Plastic White (Polycarbonate Material Shower Trim)	Max. Lamp Rating 40W A19	



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.



Description

IC rated, energy efficient Air-Loc® sealed shallow housing is ideal solution where vertical installation space is limited

- Can be completely covered with insulation
- Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL and cUL Listed for through-branch wiring, damp and wet locations • Wet location listed with the 212N trim
 • Wet location listed with trims 275 and 276 when used with outdoor rated PAR lamps • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 5" Shallow universal IC housing
- 5 3/4" height for use in 2 x 6 construction
- Floating socket with spring for quick trim attachment and consistent lamp positioning
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL/cUL Listed for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC25 Series

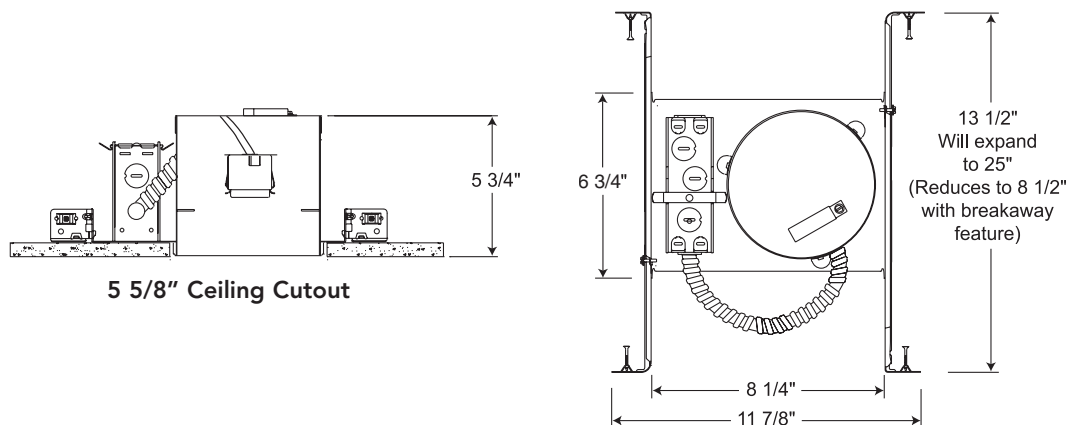
Ordering Information

Catalog No.	Description
IC25	5" Shallow incandescent housing
IC25G	IC25 with pre-installed Air-Loc® gasket
IC25S	IC25 with smaller footprint bar hanger (Real Nail® 2)
IC25SG	IC25 with smaller footprint bar hanger (Real Nail 2) and pre-installed Air-Loc gasket
IC25W	IC25 with push-in electrical connectors for fast, secure installation
IC25WG	IC25 with push-in electrical connectors and pre-installed Air-Loc gasket

Ordering Information

Catalog No.	Description
ALG5	Air-Loc® Energy Conserving Gasket for 5" Air-Loc IC housings

Dimensions





Description

IC rated, energy efficient Air-Loc® sealed remodel shallow housing for applications where the back side of the ceiling is not accessible • Ideal solution for where vertical installation space is limited • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL and cUL Listed for through-branch wiring, damp and wet locations • Wet location listed with 212N trim • Wet location listed with trims 275 and 276 when used with outdoor rated PAR lamps • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 5" Shallow universal IC remodel housing
- 5 3/4" height for use in 2 x 6 construction
- Floating socket with spring for quick trim attachment and consistent lamp positioning
- Medium base porcelain socket with nickel-plated copper screw shell
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL/cUL Listed for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC25 Series

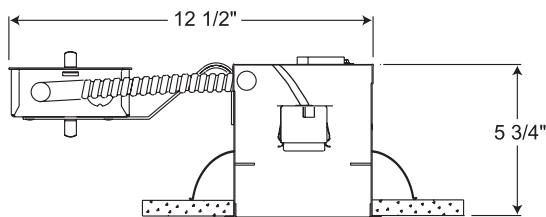
Ordering Information

Catalog No.	Description
IC25R	5" Shallow incandescent remodel housing

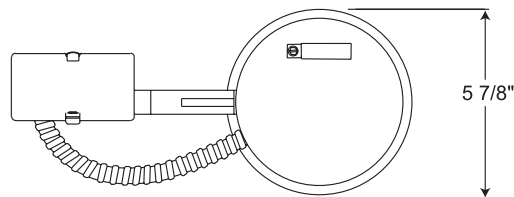
Ordering Information

Catalog No.	Description
ALG5R	Air-Loc® Energy Conserving Gasket Kit for 5" Air-Loc IC remodel housings
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

Dimensions



5 1/2" Ceiling Cutout



Downlights



Shallow Baffle

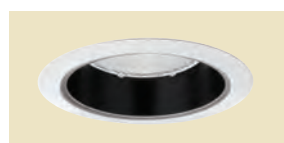
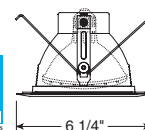
Catalog # Description

275B-WH Black Trim
275W-WH White Trim

IMPORTANT: Wet location listed when used with outdoor rated PAR lamps

Max. Lamp Rating

50W BR30, 50W PAR30
50W PAR30L



Shallow Cone

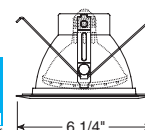
Catalog # Description

276B-WH Black Alzak® Trim
276W-WH Gloss White Trim
276C-WH Clear Alzak® Trim
276HZ-WH Haze Trim
276WHZ-WH Wheat Haze Trim

IMPORTANT: Wet location listed when used with outdoor rated PAR lamps

Max. Lamp Rating

50W BR30, 50W PAR30
50W PAR30L



Adjustables



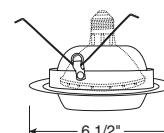
PAR30 Eyeball

Catalog # Description
529-ABZ Classic Aged Bronze Trim
529-SC Satin Chrome Trim
529-WH White Trim

Max. Lamp Rating

50W PAR30

Adjustment:
30° vertical adjustment,
358° rotation



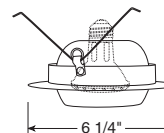
Eyeball with Baffle

Catalog # Description
208NW-WH White Baffle, White Trim
208NB-WH Black Baffle, White Trim

Max. Lamp Rating

50W PAR20/R20

Adjustment
35° vertical adjustment,
358° rotation



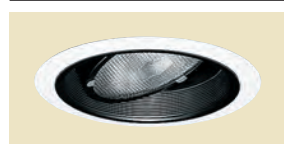
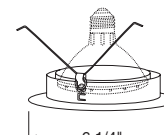
Gimbal Ring with Flat Trim

Catalog # Description
209N-WH White Trim

Max. Lamp Rating

35W PAR30

Adjustment
30° vertical adjustment,
358° rotation



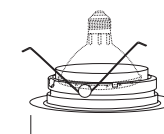
Gimbal Ring in Baffle

Catalog # Description
688W-WH White Baffle, White Trim
688B-WH Black Baffle, White Trim

Max. Lamp Rating

35W PAR30

Adjustment
30° vertical adjustment,
358° rotation



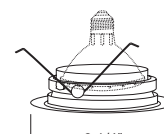
Gimbal Ring in Cone

Catalog # Description
689C-WH Clear Alzak®, White Trim
689G-WH Gold Alzak®, White Trim

Max. Lamp Rating

35W PAR30

Adjustment
30° vertical adjustment,
358° rotation



Lensed

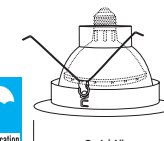


Frosted Lens with Clear Center

Catalog # Description
212N-ABZ Perimeter Frosted Lens, Classic Aged Bronze Trim
212N-SC Perimeter Frosted Lens, Satin Chrome Trim
212N-WH Perimeter Frosted Lens, White Trim

Max. Lamp Rating

35W PAR30



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.



Down-Lites | IC22LEDG4

6" LED Downlight Housing IC Rated

600 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with integral light engine • Shallow housing design allows for fit in 2 x 6 construction • No extra gasket required • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 6" LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens using less than 12W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation, high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC22LEDG4, IC22LWDG4N, IC922LEDG4, IC922LWDG4 and IC1422LEDG4 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

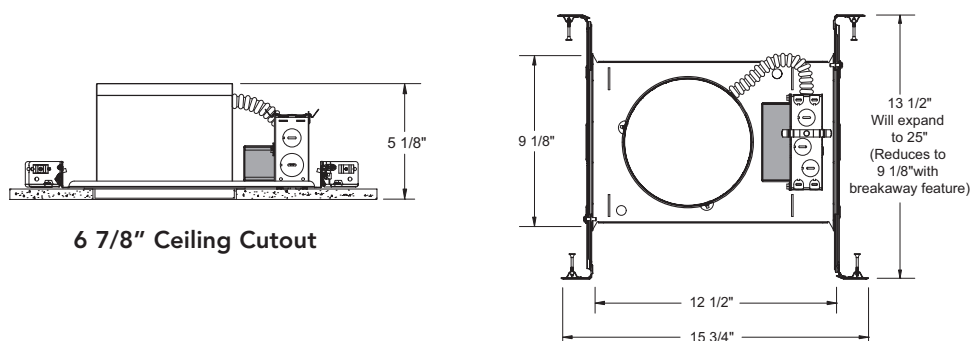
Example: IC22LEDG4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC22LEDG4	27K 2700K	1 Dedicated 120V Only
	3K 3000K	(Forward Phase and
	35K 3500K	ELV dimming)
	41K 4100K	U Universal Voltage,
		120-277V (0-10V dimming)

LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions





Down-Lites | IC22RLEDG4

6" LED Downlight Remodel Housing IC Rated

600 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed remodel housing with integral light engine for applications where the back side of the ceiling is not accessible • Shallow housing design allows for fit in 2 x 6 construction • Secured in place by factory installed remodel springs • Can be completely covered with insulation • When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations
 • UL and cUL • RoHS compliant • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims
 • ENERGY STAR® Qualified when used with select trims
 • Certified to the high efficiency requirements of California T24 with select trims

Features

- 6" LED remodel housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens using less than 12W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine with mounts directly to housing and incorporates the latest generation, high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Remodel springs accommodate up to 1 1/8" single stack or 1 7/8" double stack ceiling thickness
- Pre-wired junction box with (5) 1/2", (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Push-in electrical connectors included
- Trim selection follows IC22LEDG4, IC22LWDG4N, IC922LEDG4, IC922LWDG4 and IC1422LEDG4 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

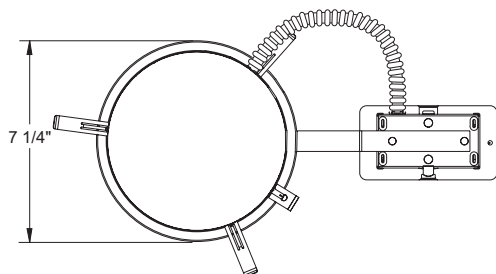
Example: IC22RLEDG4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC22RLEDG4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	
	35K 3500K	
	41K 4100K	U Universal Voltage, 120-277V (0-10V dimming)

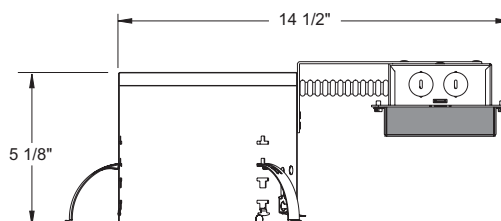
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



6 3/4" Ceiling Cutout





Down-Lites | IC22LWDG4N

6" WarmDim® LED Downlight Housing IC Rated

600 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with patented (US Patent 8,710,754) WarmDim® technology • LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources • Shallow housing design allows for fit in 2 x 6 construction • No extra gasket required • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations

- UL and cUL • RoHS compliant • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims
- ENERGY STAR® Qualified when used with select trims
- Certified to the high efficiency requirements of California T24 with select trims

Features

- 6" WarmDim LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens with select trims using 12W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end, maintaining 90 CRI throughout dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC22LEDG4, IC22LWDG4N, IC922LEDG4, IC922LWDG4 and IC1422LEDG4 Series

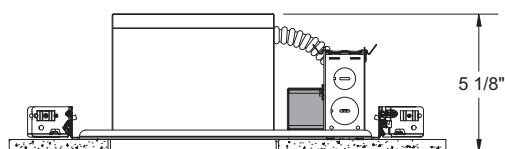
Ordering Information

Catalog No.	Description
IC22LWDG4N-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

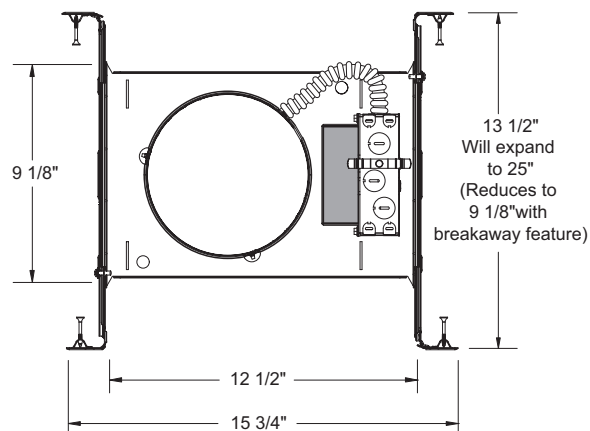
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)

Dimensions



6 7/8" Ceiling Cutout





Down-Lites | IC22RLWDG4N

6" WarmDim® LED Downlight Remodel Housing IC Rated

600 Lumen



Description

IC rated dedicated LED, Air-Loc® remodel housing with patented (US Patent 8,710,754) WarmDim® technology

- LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources
- For applications where the backside of the ceiling is not accessible
- Can be completely covered with insulation
- Shallow housing design allows for fit in 2 x 6 construction
- When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs
- Secured in place by factory installed remodel springs
- LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for damp and wet locations • UL and cUL

- RoHS compliant
- Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims
- ENERGY STAR® Qualified when used with select trims
- Certified to the high efficiency requirements of California T24 with select trims

Features

- 6" WarmDim LED remodel housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 600 lumens with select trims using 12W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end, maintaining 90 CRI throughout dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Remodel springs accommodate up to 1 1/8" single stack or 1 7/8" double stack ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Knockouts equipped with pryout slots
- Push-in electrical connectors included
- Trim selection follows IC22LEDG4, IC22LWDG4N, IC922LEDG4, IC922LWDG4 and IC1422LEDG4 Series

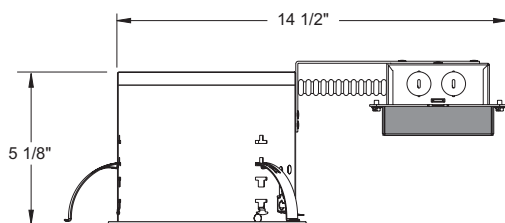
Ordering Information

Catalog No.	Description
IC22RLWDG4N-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

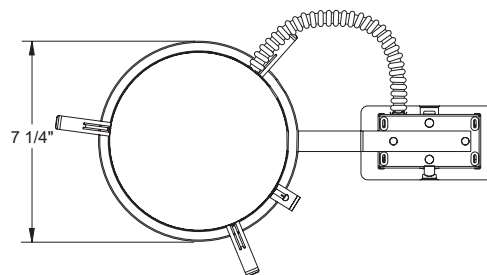
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)

Dimensions



6 3/4" Ceiling Cutout





Down-Lites | IC922LEDG4

6" LED Downlight Housing IC Rated

900 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with integral light engine • No extra gasket required • Shallow housing allows for fit in 2 x 6 construction • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp locations • UL and cUL • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 6" LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens using less than 16W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing • Bar hangers may be repositioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC22LEDG4, IC22LWDG4N, IC922LEDG4, IC922LWDG4 and IC1422LEDG4 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

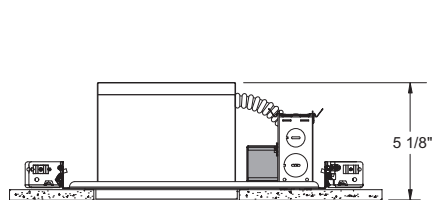
Example: IC922LEDG4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC922LEDG4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	
	35K 3500K	
	41K 4100K	U Universal Voltage, 120-277V (0-10V dimming)

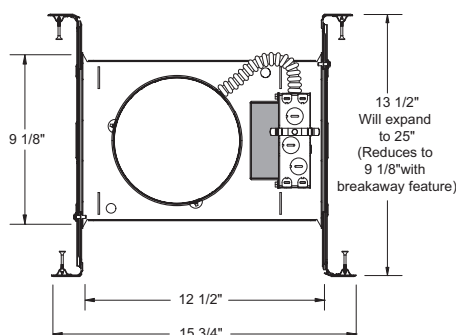
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



6 7/8" Ceiling Cutout





Down-Lites | IC922RLEDG4

6" LED Downlight Remodel Housing IC Rated

900 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed remodel housing with integral light engine for applications where the back side of the ceiling is not accessible • Shallow housing design allows for fit in 2 x 6 construction • Secured in place by factory installed remodel springs • Can be completely covered with insulation • When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for damp locations • UL and cUL • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims • ENERGY STAR® Qualified when used with select trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 6" LED remodel housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens using less than 16W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine with mounts directly to housing and incorporates the latest generation, high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Remodel springs accommodate up to 1 1/8" single stack or 1 7/8" double stack ceiling thickness
- Pre-wired junction box with (5) 1/2", (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Push-in electrical connectors included
- Trim selection follows IC22LEDG4, IC22LWDG4N, IC922LEDG4, IC922LWDG4 and IC1422LEDG4 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

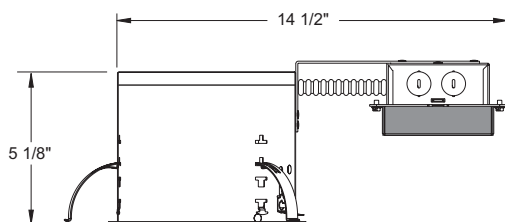
Ordering Information Example: IC922RLEDG4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC922RLEDG4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	
	35K 3500K	
	41K 4100K	U Universal Voltage, 120-277V (0-10V dimming)

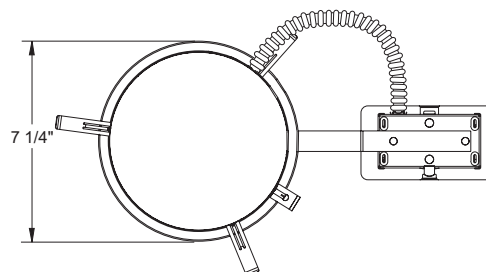
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



6 3/4" Ceiling Cutout





Down-Lites | IC922LWDG4

6" WarmDim® LED Downlight Housing IC Rated

900 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with patented (US Patent 8,710,754) WarmDim® technology • LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources • No extra gasket required • Shallow housing allows for fit in 2 x 6 construction • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp locations • UL and cUL • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims • ENERGY STAR® Qualified when used with select trims

Features

- 6" WarmDim LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens with select trims using 18W*
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end, maintaining 90 CRI throughout dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC22LEDG4, IC22LWDG4N, IC922LEDG4, IC922LWDG4 and IC1422LEDG4 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

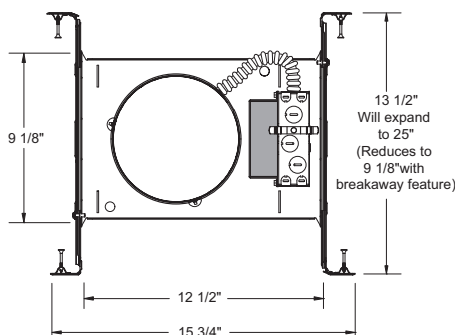
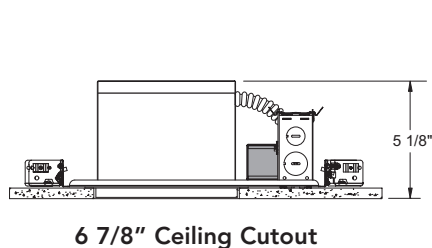
Ordering Information

Catalog No.	Description
IC922LWDG4-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)

Dimensions





Down-Lites | IC922RLWDG4

6" WarmDim® LED Downlight Remodel Housing IC Rated
900 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed remodel housing with patented (US Patent 8,710,754) WarmDim® technology

- LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources
- For applications where the back side of the ceiling is not accessible
- Shallow housing design allows for fit in 2 x 6 construction
- Secured in place by factory installed remodel springs
- Can be completely covered with insulation
- When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs
- LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for damp locations • UL and cUL • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims • ENERGY STAR® Qualified when used with select trims

Features

- 6" WarmDim LED remodel housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens with select trims using 18W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end, maintaining 90 CRI throughout dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Remodel springs accommodate up to 1 1/8" single stack or 1 7/8" double stack ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Knockouts equipped with pryout slots
- Push-in electrical connectors included
- Trim selection follows IC22LEDG4, IC22LWDG4N, IC922LEDG4, IC922LWDG4 and IC1422LEDG4 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

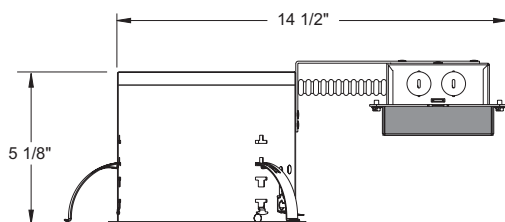
Ordering Information

Catalog No.	Description
IC922RLWDG4-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

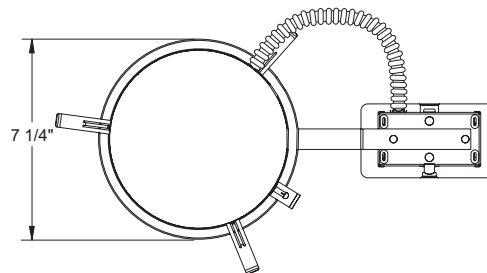
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)

Dimensions



6 3/4" Ceiling Cutout





Down-Lites | IC1422LEDG4

6" LED Downlight Housing IC Rated

1400 Lumen



Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with integral light engine • No extra gasket required • Housing allows for fit in 2 x 8 construction • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp locations • UL and cUL • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims • ENERGY STAR® Qualified when used with select baffle and cone trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 6" LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 1400 lumens using 20W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED array integrated to thermally conductive housing provides uninterrupted heat transfer to ensure long life of the LED
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (75°) provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing • Bar hangers may be repositioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC22LEDG4, IC22LWDG4N, IC922LEDG4, IC922LWDG4 and IC1422LEDG4 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

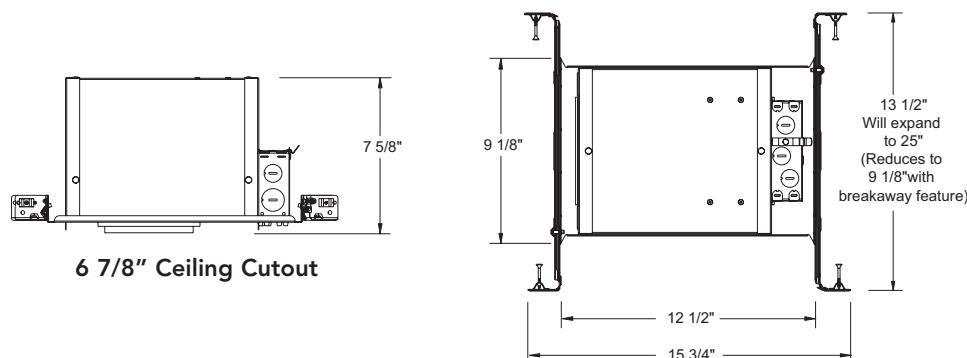
Ordering Information Example: IC1422LEDG4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC1422LEDG4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	
	35K 3500K	
	41K 4100K	U Universal Voltage, 120-277V (0-10V dimming)

LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions





Down-Lites | Trims for IC22LEDG4, IC22RLEDG4, IC22LWDG4N, IC22RLWDG4N, IC922LEDG4, IC922RLEDG4, IC922LWDG4, IC922RLWDG4 & IC1422LEDG4

Downlights



Tapered Downlight Baffle

Catalog #	Description
24W-WH	White Baffle, White Trim
24B-WH	Black Baffle, White Trim
24B-BL	Black Baffle, Black Trim
24B-ABZ	Black Baffle, Classic Aged Bronze Trim
24B-SC	Black Baffle, Satin Chrome Trim

Compatible with TR6, 6" trim ring

Aperture
5 3/4"

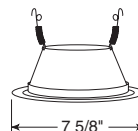


Tapered Downlight Cone

Catalog #	Description
27B-WH	Black Alzak®, White Trim
27C-WH	Clear Alzak®, White Trim
27G-WH	Gold Alzak®, White Trim
27HZ-WH	Haze, White Trim
27PT-SC	Pewter Alzak®, Satin Chrome Trim
27W-WH	Gloss White, White Trim
27WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
27WHZ-WH	Wheat Haze, White Trim

Compatible with TR6, 6" trim ring

Aperture
5 3/4"

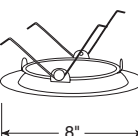


Lensed



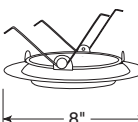
Albalite

Catalog #	Description
20-PW	Shower/Closet Light, Plastic White
20-WH	White Trim



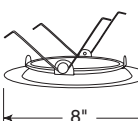
Drop Opal

Catalog #	Description
21-PW	Shower/Closet Light, Plastic White
21-WH	White Trim



Fresnel

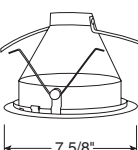
Catalog #	Description
22-WH	White Trim



Frosted Lens*

Catalog #	Description
239-WH	Frosted Lens, White Trim

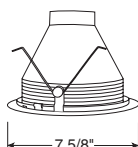
* Do not use reflector shipped with trim for LED housing.
Recycle reflector



Baffle, Regressed Frosted Dome Lens*

Catalog #	Description
2330W-WH	White Baffle, White Trim
2330B-WH	Black Baffle, White Trim

* Do not use reflector shipped with trim for LED housing.
Recycle reflector



ENERGY STAR®
Qualified



Certified to the high
efficiency requirements
of California T24



Juno IC housings meet IECC Air-Loc®
Code requirements per ASTM E283.
Air-Loc® rated trims are pre-gasketed for
minimum air leakage with IC housings.



UL listed for use
in wet location.

ENERGY STAR® qualification and T24 certification is dependent on trim
finish and LED color temperature. See housing spec sheet on
www.junolightinggroup.com for specific information for each trim.





Down-Lites | Trims for IC22LEDG4, IC22RLEDG4, IC22LWDG4N, IC22RLWDG4N, IC922LEDG4, IC922RLEDG4, IC922LWDG4, IC922RLWDG4 & IC1422LEDG4

Lensed Cont.

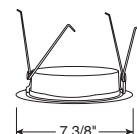


Frosted Lens with Clear Center

Catalog #
242-ABZ
242-SC
242-WH

Description
Classic Aged Bronze Trim
Satin Chrome Trim
White Trim

Aperture
5 3/4"

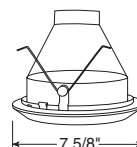


Beveled Frame, Frosted Dome Lens*

Catalog #
6101-ABZ
6101-SC
6101-WH

Description
Classic Aged Bronze Trim
Satin Chrome Trim
White Trim

* Do not use reflector shipped with trim for LED housing.
Recycle reflector



Hyperbolic



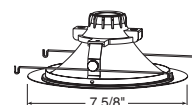
Cone

Catalog #
27HYP2-C-WH
27HYP2-B-WH
27HYP2-W-WH
27HYP2-HZ-WH
27HYP2-WHZ-WH
27HYP2-WHZ-ABZ

Description
Clear Alzak®, White Trim
Black Alzak®, White Trim
White, White Trim
Haze, White Trim
Wheat Haze, White Trim
Wheat Haze, Classic Aged Bronze Trim

Aperture
5 3/4"

Housing Compatibility
IC22LEDG4
/IC22RLEDG4 Series



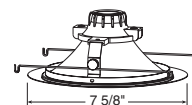
Cone

Catalog #
27HYP3-C-WH
27HYP3-B-WH
27HYP3-W-WH
27HYP3-HZ-WH
27HYP3-WHZ-WH
27HYP3-WHZ-ABZ

Description
Clear Alzak®, White Trim
Black Alzak®, White Trim
White, White Trim
Haze, White Trim
Wheat Haze, White Trim
Wheat Haze, Classic Aged Bronze Trim

Aperture
5 3/4"

Housing/Lamp Compatibility
IC922LEDG4
/IC922RLEDG4 Series,
IC1422LEDG4



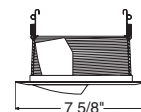
Wall Wash



Scoop

Catalog #
262G3W-WH
262G3B-WH

Description
White Baffle, White Trim
Black Baffle, White Trim



ENERGY STAR®
Qualified



Certified to the high
efficiency requirements
of California T24



Juno IC housings meet IECC Air-Loc®
Code requirements per ASTM E283.
Air-Loc® rated trims are pre-gasketed for
minimum air leakage with IC housings.



UL listed for use
in wet location.

ENERGY STAR® qualification and T24 certification is dependent on trim
finish and LED color temperature. See housing spec sheet on
www.junolightinggroup.com for specific information for each trim.



Down-Lites | Trims for IC22LEDG4, IC22RLEDG4, IC22LWDG4N, IC22RLWDG4N, IC922LEDG4, IC922RLEDG4, IC922LWDG4, IC922RLWDG4 & IC1422LEDG4

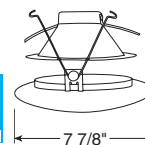
Decorative



Decorative Swirled Etched Opal Glass*

Catalog # 243-WH
Description Opal Glass

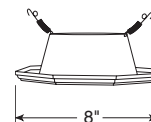
* Do not use reflector shipped with trim for LED housing.
Recycle reflector



Octagonal

Catalog # 9024W-WH
Description White Octagonal with White Baffle, White Trim

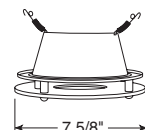
Aperture 5 3/4"



Luminous Disc (Frosted)

Catalog # 9324-SC
Description Satin Chrome Trim

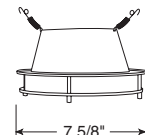
Aperture 3 1/4"



Metal Band

Catalog # 9524-SC
Description Satin Chrome Band, Satin Chrome Trim

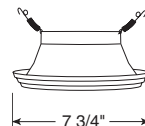
Aperture 5 7/8"



Luminous Collar (Frosted)

Catalog # 9702
Description Clear Etched

Aperture 6 3/8"



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.





Description

IC rated Air-Loc®, energy efficient vertical CFL housing with fully sealed double wall construction, does not require separate gasket • Can be completely covered with insulation • Air-Loc design stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with a 220, 239, 241, 242, 243, 271, 2330, 6101 and 9900 trim

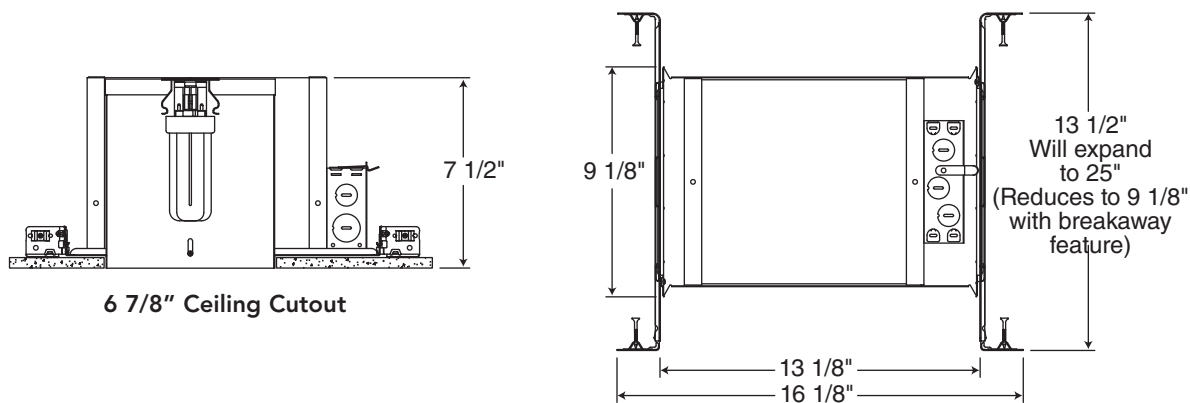
Features

- 6" Compact fluorescent housing
- Fully sealed double wall housing with gasket installed on plaster frame
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast is mounted to the inside of the housing on a removable junction box cover for ease of maintenance
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- 2 year warranty
- One 32W or 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL632, ICPL626 and PL642 Series

Ordering Information

Catalog No.	Description
ICPL632E	120V HPF ballast
ICPL632E-DB120	ICPL632E with 120V HPF dimmable ballast – T24 compliant
ICPL632EN-DB120	ICPL632E with 120V normal power factor (NPF) dimmable ballast – T24 compliant

Dimensions





Description

IC rated Air-Loc®, energy efficient vertical CFL housing with single wall construction • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with a 22, 220, 239, 241, 242, 243, 271, 2330, 6101 and 9900 trim

Features

- 6" Compact fluorescent housing
- California Title 24 compliant
- 120V HPF or NPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast enclosed in an aluminum heat dissipating box which prevents direct contact with insulation. Ballast mounted between junction box and housing for ease of maintenance
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- 2 year warranty
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL632, ICPL626 and PL642 Series

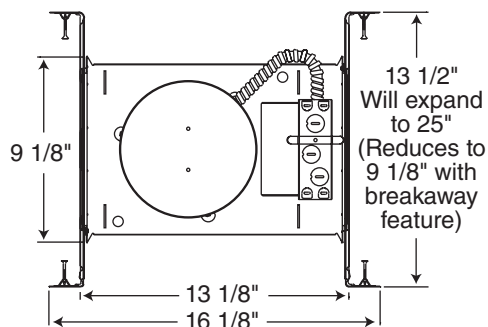
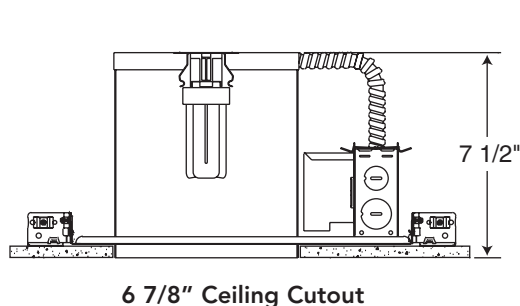
Ordering Information

Catalog No.	Description
ICPL626E	120V HPF ballast
ICPL626EN	120V NPF ballast
ICPL626E-DB120	ICPL626E with 120V HPF dimmable ballast – T24 compliant
ICPL626EN-DB120	ICPL626E with 120V normal power factor (NPF) dimmable ballast – T24 compliant

Ordering Information

Catalog No.	Description
ALG6	Air-Loc® Energy Conserving Gasket for 6" Air-Loc IC housings

Dimensions





Description

IC rated Air-Loc®, energy efficient vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with a 220, 239, 241, 242, 243, 271, 2330, 6101 and 9900 trim

Features

- 6" Compact fluorescent remodel housing
- California Title 24 compliant
- 120V HPF or NPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast mounted to underside of junction box to minimize contact with insulation
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel springs accommodate up to 1 1/8" single stack or 1 7/8" double stack ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- 2 year warranty
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL632, ICPL626 and PL642 Series

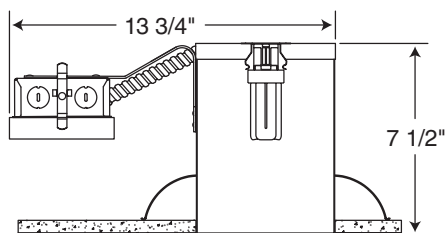
Ordering Information

Catalog No.	Description
ICPL626RE	120V HPF ballast
ICPL626REN	120V NPF ballast
ICPL626REN-DB120	ICPL626RE with 120V normal power factor (NPF) dimmable ballast – T24 compliant

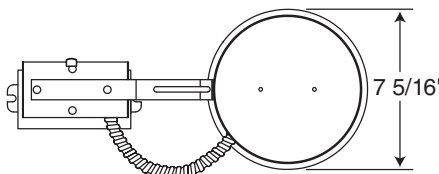
Ordering Information

Catalog No.	Description
ALG6R	Air-Loc® Energy Conserving Gasket Kit for 6" Air-Loc IC remodel housings

Dimensions



6 3/4" Ceiling Cutout





Description

Non-IC rated vertical CFL housing with single wall construction • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with a 22, 220, 239, 241, 242, 243, 271, 2330, 6101 and 9900 trim

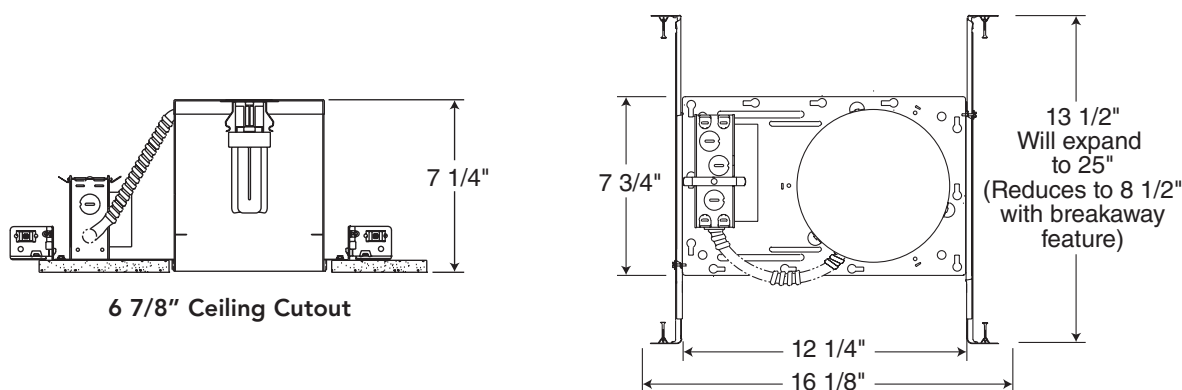
Features

- 6" Compact fluorescent housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted to the inside junction box cover facing the housing for ease of maintenance
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled white painted steel housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- One 42W or 32W or 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL632, ICPL626 and PL642 Series

Ordering Information

Catalog No.	Description
PL642EU	120V - 277V HPF ballast

Dimensions





Description

Non-IC rated vertical CFL Remodel housing for remodel applications where back side of ceiling is not accessible

- Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with a 22, 220, 239, 241, 242, 243, 271, 2330, 6101 and 9900 trim

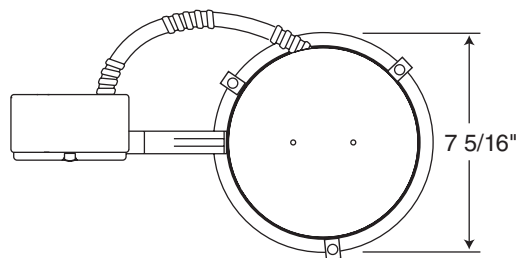
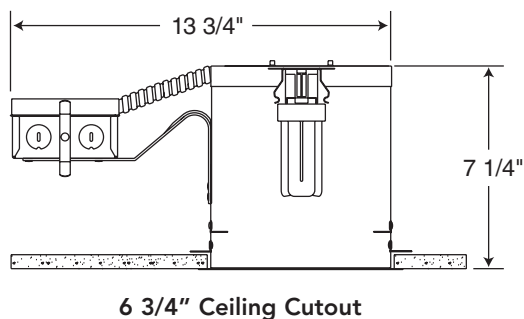
Features

- 6" Compact fluorescent remodel housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted on junction box cover
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel clips accommodate up to a 1 1/8" ceiling thickness
- Fully assembled white painted steel housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG conductors (2 in, 2 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- One 42W or 32W or 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL632, ICPL626 and PL642 Series

Ordering Information

Catalog No.	Description
PL642RE	120V - 277V HPF ballast

Dimensions





Down-Lites | Trims for ICPL632E Series, ICPL626E Series, ICPL626RE Series, PL642EU & PL642RE

Downlights



Ultra-Trim Baffle - Fully Enclosed

Catalog #	Description
28W-WH	White Baffle, White Trim
28B-WH	Black Baffle, White Trim

Note: For best performance, 26W max recommended.

Max. Lamp Rating

ICPL626: 26W
ICPL632: 32W
PL642: 42W

Aperture
5 7/8"



Ultra-Trim Cone - Fully Enclosed

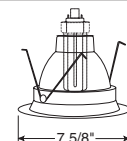
Catalog #	Description
29C-WH	Clear Finish, White Trim
29W-WH	White Finish, White Trim

Note: For best performance, 26W max recommended.

Max. Lamp Rating

ICPL626: 26W
ICPL632: 32W
PL642: 42W

Aperture
5 7/8"



Reflector with Black Baffle

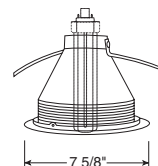
Catalog #	Description
233C-WH	Clear Alzak® with Black Baffle, White Trim

Note: Specify General Electric or Osram Sylvania lamps only.

Max. Lamp Rating

ICPL626: 26W
ICPL632: 32W
PL642: 42W

Aperture
5 7/8"



Reflector

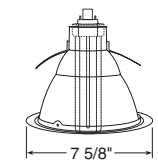
Catalog #	Description
232C-WH	Clear Alzak®, White Trim
232G-WH	Gold Alzak®, White Trim
232HZ-WH	Haze, White Trim
232W-WH	Semi-Gloss White, White Trim
232WHZ-WH	Wheat Haze, White Trim

Note: Specify General Electric or Osram Sylvania lamps only.

Max. Lamp Rating

ICPL626: 26W
ICPL632: 32W
PL642: 42W

Aperture
5 7/8"



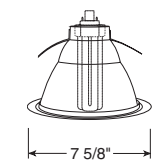
Reflector

Catalog #	Description
2320C-WH	Clear Low Iridescent Alzak®, White Trim (Optimized for 32W/42W)
2320HZ-SC	Haze, Satin Chrome Trim
2320HZ-WH	Haze, White Trim
2320WHZ-ABZ	Wheat Haze, Classic Aged Bronze
2320WHZ-WH	Wheat Haze, White Trim

Max. Lamp Rating

ICPL626: 26W
ICPL632: 32W
PL642: 42W

Aperture
6"



Lensed

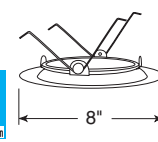


Fresnel

Catalog #	Description
22-WH	White Trim

Max. Lamp Rating

ICPL626E: 26W
PL642: 32W

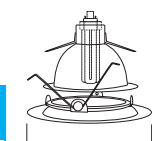


Albalite Lens with Reflector

Catalog #	Description
220-PW	Shower/Closet Light, Plastic White
220-WH	White Trim

Max. Lamp Rating

ICPL626/ICPL632/
PL642: 26W

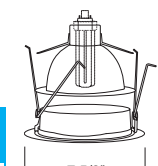


Frosted Lens with Reflector

Catalog #	Description
239-WH	Frosted Lens, White Trim

Max. Lamp Rating

ICPL626: 26W
ICPL632/PL642: 32W



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.

Down-Lites | Trims for ICPL632E Series, ICPL626E Series, ICPL626RE Series, PL642EU & PL642RE

Lensed (cont)

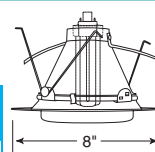


Drop Opal with Reflector

Catalog #
241-PW
241-WH

Description
Plastic White
White Trim

Max. Lamp Rating
ICPL626/ICPL632/
PL642: 26W

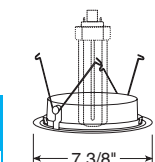


Frosted Lens with Clear Center

Catalog #
242-ABZ
242-SC
242-WH

Description
Classic Aged Bronze Trim
Satin Chrome Trim
White Trim

Max. Lamp Rating
ICPL626: 26W
ICPL632/PL642: 32W

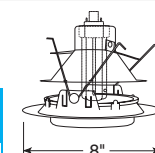


Drop Opal with Reflector

Catalog #
271-PW

Description
Plastic White

Max. Lamp Rating
ICPL626: 26W
ICPL632/PL642: 32W

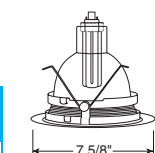


Baffle, Regressed Frosted Dome Lens

Catalog #
2330W-WH
2330B-WH

Description
White Baffle, White Trim
Black Baffle, White Trim

Max. Lamp Rating
ICPL626: 26W
ICPL632/PL642: 32W

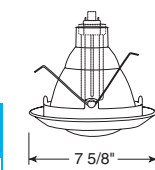


Beveled Frame, Frosted Dome Lens

Catalog #
6101-ABZ
6101-SC
6101-WH

Description
Classic Aged Bronze
Satin Chrome Trim
White Trim

Max. Lamp Rating
ICPL626: 26W
ICPL632: 32W
PL642: 42W



Wall Wash



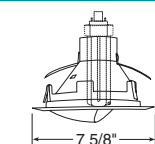
Scoop

Catalog #
261W-WH
261B-WH

Description
White Baffle, White Trim
Black Baffle, White Trim

Note: Specify General Electric or Osram Sylvania lamps only.

Max. Lamp Rating
ICPL626/ICPL632/PL642:
26W



Decorative

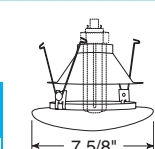


Decorative Swirled Etched Opal Glass

Catalog #
243-WH

Description
Opal Glass

Max. Lamp Rating
ICPL626: 26W
ICPL632/PL642: 32W



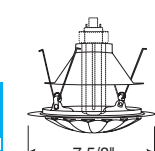
Fluted Drop Opal

Catalog #
9900-WH

Description
White Trim

Note: Specify General Electric or Osram Sylvania lamps only.
Compatible with TR6, 6" trim ring

Max. Lamp Rating
ICPL626: 26W
ICPL632/PL642: 26W



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.



Description

IC rated Air-Loc®, energy efficient vertical CFL housing with single wall construction • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with a 239, 240, 241, 243, 271, 2330, 6101 and 9900 trim

Features

- 6" Compact fluorescent housing
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast enclosed in an aluminum heat dissipating box which prevents direct contact with insulation. Ballast mounted between junction box and housing for ease of maintenance
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- 2 year warranty
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL618, PL618, ICPL613 and PL613 Series

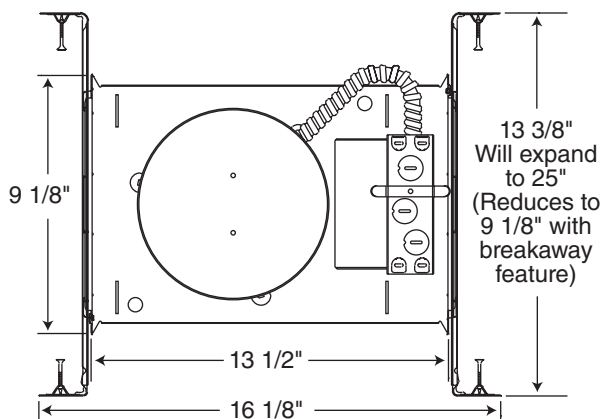
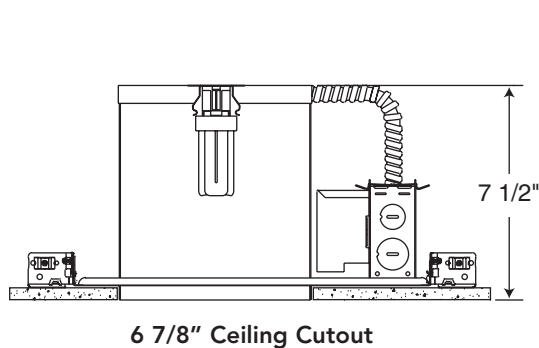
Ordering Information

Catalog No.	Description
ICPL618E	120V HPF ballast

Ordering Information

Catalog No.	Description
ALG6	Air-Loc® Energy Conserving Gasket for 6" Air-Loc IC housings

Dimensions





Description

IC rated Air-Loc®, energy efficient vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with a 239, 240, 241, 243, 271, 2330, 6101 and 9900 trim

Features

- 6" Compact fluorescent remodel housing
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast mounted to underside of junction box to minimize contact with insulation
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel springs accommodate up to 1 1/8" single stack or 1 7/8" double stack ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG conductors (2 in, 2 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- 2 year warranty
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL618, PL618, ICPL613 and PL613 Series

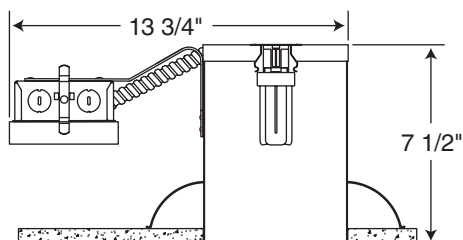
Ordering Information

Catalog No.	Description
ICPL618RE	120V HPF ballast

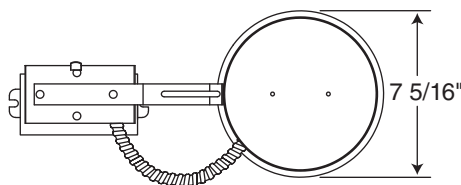
Ordering Information

Catalog No.	Description
ALG6R	Air-Loc® Energy Conserving Gasket Kit for 6" Air-Loc IC remodel housings

Dimensions



6 3/4" Ceiling Cutout





Description

Non-IC rated vertical CFL housing with single wall construction • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with a 239, 240, 241, 243, 271, 2330, 6101 and 9900 trim

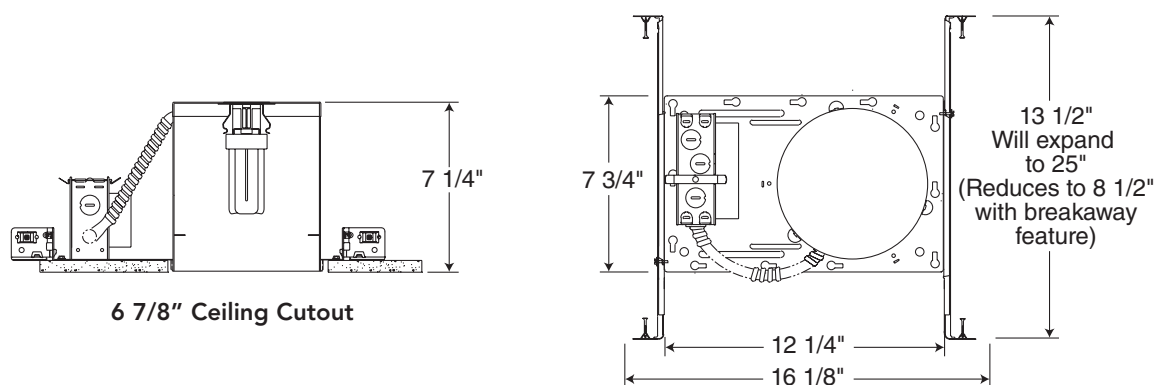
Features

- 6" Compact fluorescent housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted to the inside junction box cover facing the housing for ease of maintenance
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 2" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled white painted steel housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL618, PL618, ICPL613 and PL613 Series

Ordering Information

Catalog No.	Description
PL618EU	120V - 277V HPF ballast

Dimensions





Description

Non-IC rated vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible

- Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA qualified for through-branch wiring, damp and wet locations • Wet location listed when used with a 239, 240, 241, 243, 271, 2330, 6101 and 9900 trim

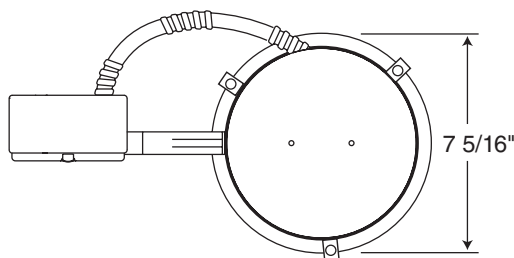
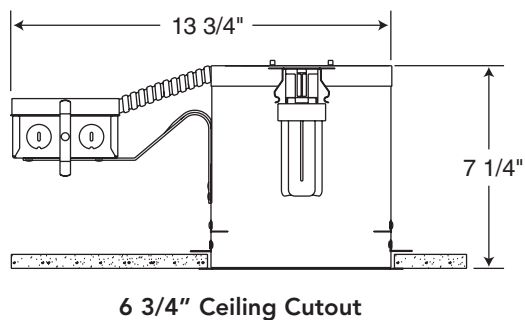
Features

- 6" Compact fluorescent remodel housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted on junction box cover
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel clips accommodate up to a 1 1/8" ceiling thickness
- Fully assembled white painted steel housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG conductors (2 in, 2 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL618, PL618, ICPL613 and PL613 Series

Ordering Information

Catalog No.	Description
PL618RE	120V - 277V HPF ballast

Dimensions



Downlights

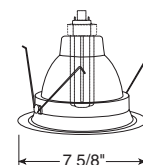


Ultra-Trim Baffle

Catalog #
28W-WH
28B-WH

Description
White Baffle, White Trim
Black Baffle, White Trim

Max. Lamp Rating
ICPL/PL618: 18W
Aperture
5 7/8"

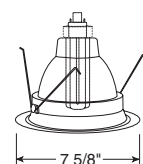


Ultra-Trim Cone

Catalog #
29C-WH
29W-WH

Description
Clear Finish, White Trim
White Finish, White Trim

Max. Lamp Rating
ICPL/PL618: 18W
Aperture
5 7/8"



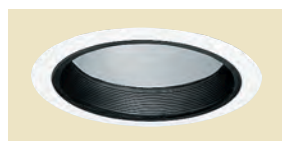
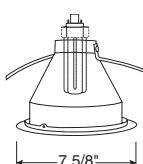
Reflector

Catalog #
232C-WH
232G-WH
232HZ-WH
232W-WH
232WHZ-WH

Description
Clear Alzak®, White Trim
Gold Alzak®, White Trim
Haze, White Trim
Semi-Gloss White, White Trim
Wheat Haze, White Trim

Note: Specify General Electric or Osram Sylvania lamps only.

Max. Lamp Rating
ICPL/PL618: 18W
Aperture
5 7/8"



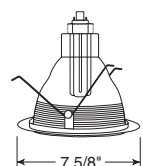
Reflector with Black Baffle

Catalog #
233C-WH

Description
Clear Alzak® with Black Baffle,
White Trim

Note: Specify General Electric or Osram Sylvania lamps only.

Max. Lamp Rating
ICPL/PL618: 18W
Aperture
5 7/8"



Lensed

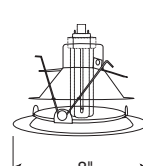


Frosted Lens with Reflector

Catalog #
239-WH

Description
Frosted Lens, White Trim

Max. Lamp Rating
ICPL/PL618: 18W



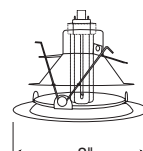
Abalite Lens with Reflector

Catalog #
240-PW
240-WH

Description
Shower/Closet Light, Plastic White
White Trim

Note: For 18W housings, use only Phillips or Osram Sylvania lamps.

Max. Lamp Rating
ICPL/PL618: 18W

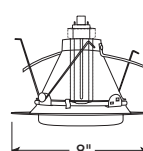


Drop Opal with Reflector

Catalog #
241-PW
241-WH

Description
Shower/Closet Light, Plastic White
White Trim

Max. Lamp Rating
ICPL/PL618: 18W



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.

Lensed (cont)

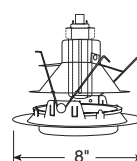


Drop Opal with Reflector

Catalog #
271-PW

Description
Plastic White

Max. Lamp Rating
ICPL/PL618: 18W

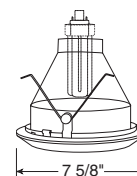


Beveled Frame, Frosted Dome Lens

Catalog #
6101-ABZ
6101-SC
6101-WH

Description
Classic Aged Bronze
Satin Chrome Trim
White Trim

Max. Lamp Rating
ICPL/PL618: 18W

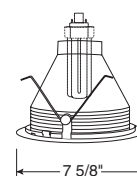


Baffle, Regressed Frosted Dome Lens

Catalog #
2330W-WH
2330B-WH

Description
White Baffle, White Trim
Black Baffle, White Trim

Max. Lamp Rating
ICPL/PL618: 18W



Wall Wash



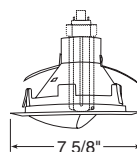
Scoop

Catalog #
261W-WH
261B-WH

Description
White Baffle, White Trim
Black Baffle, White Trim

Note: Specify General Electric or Osram Sylvania lamps only.

Max. Lamp Rating
ICPL/PL618: 18W



Decorative

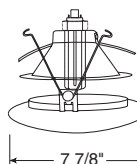


Decorative Swirled Etched Opal Glass

Catalog #
243-WH

Description
Opal Glass

Max. Lamp Rating
ICPL/PL618: 18W



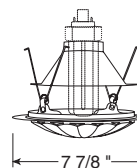
Fluted Drop Opal

Catalog #
9900-WH

Description
White Trim

Note: Specify General Electric or Osram Sylvania lamps only.
Compatible with TR6, 6" trim ring

Max. Lamp Rating
ICPL/PL618: 18W



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.



Description

IC rated 6" High wattage, energy efficient Air-Loc® double wall construction housing • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 20, 21, 22, 239, 240, 241, 242, 243, and 9900 trims • The listing also includes the 28 and 29 trims, only when used with PAR30/ PAR38 outdoor rated lamps • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 6" Deluxe housing
- Drop socket with spring to accommodate a wide variety of trim and lamp combinations
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC2 and TC2 Series

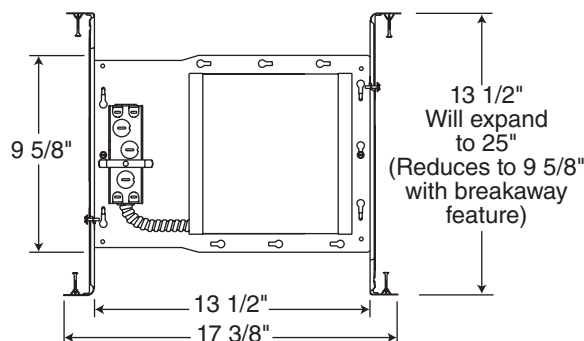
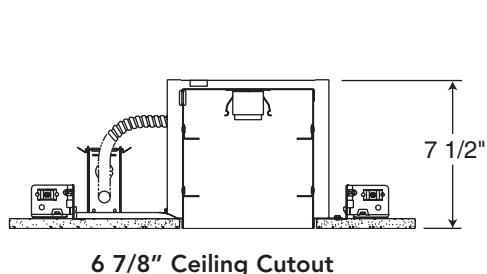
Ordering Information

Catalog No.	Description
IC2	6" Deluxe incandescent housing
IC2G	IC2 with pre-installed Air-Loc® gasket
IC2W	IC2 with push-in electrical connectors for fast, secure installation
IC2WG	IC2 with push-in electrical connectors and pre-installed Air-Loc gasket

Ordering Information

Catalog No.	Description
ALG6	Air-Loc® Energy Conserving Gasket for 6" Air-Loc IC housings

Dimensions





Description

Non-IC rated housing • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 20, 21, 22, 239, 240, 241, 242, 243, and 9900 trims • The listing also includes the 28 and 29 trims, only when used with PAR30/ PAR38 outdoor rated lamps • Conforms with City of Chicago IP requirements

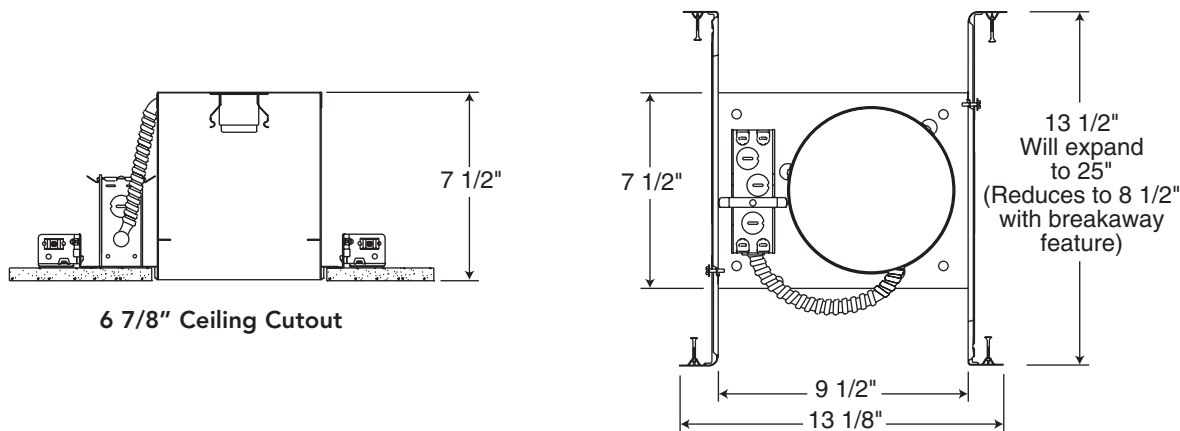
Features

- 6" Housing
- Medium base porcelain socket with nickel-plated copper screw shell
- Drop socket with spring to accommodate certain trim installation
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Housing is fully assembled for ease of installation
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG minimum 90° C branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps or insulation
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC2 and TC2 Series

Ordering Information

Catalog No.	Description
TC2	6" TC Incandescent housing
TC2S	TC2 with smaller footprint bar hanger (Real Nail® 2)
TC2W	TC2 with push-in electrical connectors for fast, secure installation

Dimensions





Description

Non-IC rated remodel housing for applications where the back side of the ceiling is not accessible • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing • Adjustable height allows installation where vertical space is limited

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 20, 21, 22, 239, 240, 241, 242, 243, and 9900 trims • The listing also includes the 28 and 29 trims, only when used with PAR30/ PAR38 outdoor rated lamps • Conforms with City of Chicago IP requirements

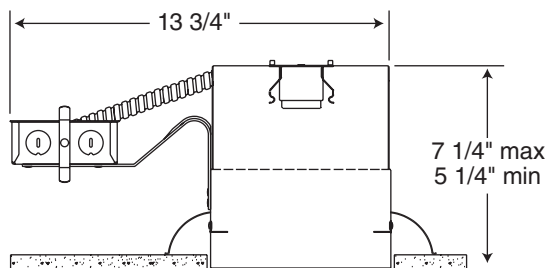
Features

- 6" Remodel housing
- Medium base porcelain socket with nickel-plated copper screw shell
- Drop socket with spring to accommodate various trim installations
- Adjustable height remodel springs accommodate up to 1 1/8" single stack or 1 7/8" double stack ceiling thickness
- Telescoping housing adjusts from 7 1/4" max. height down to 5 1/4" min. height
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG 90° C branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps or insulation
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC2 and TC2 Series

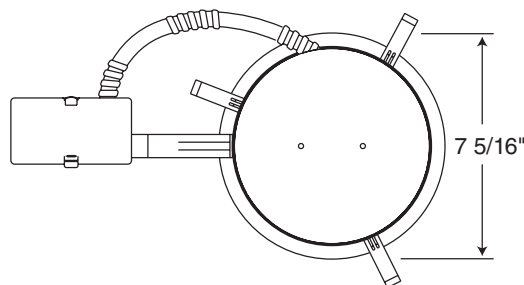
Ordering Information

Catalog No.	Description
TC2R	6" TC Incandescent remodel housing

Dimensions



6 3/4" Ceiling Cutout



Downlights



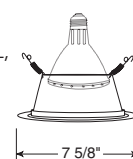
Tapered Baffle

Catalog #	Description
24W-WH	White Baffle, White Trim
24B-WH	Black Baffle, White Trim
24B-BL	Black Baffle, Black Trim
24B-ABZ	Black Baffle, Classic Aged Bronze Trim
24B-SC	Black Baffle, Satin Chrome Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position. Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2: 50W PAR30, 75W PAR30L, 65W BR30
TC2/TC2R: 75W PAR30L, 65W BR30, 75W PAR30

Aperture
5 3/4"



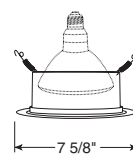
Straight Baffle

Catalog #	Description
25W-WH	White Baffle, White Trim
25B-WH	Black Baffle, White Trim
25B-BL	Black Baffle, Black Trim
25B-ABZ	Black Baffle, Classic Aged Bronze Trim
25B-SC	Black Baffle, Satin Chrome Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position. Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2: 85W BR40/90W PAR38
TC2/TC2R: 120W BR40/150 PAR38

Aperture
5 3/4"



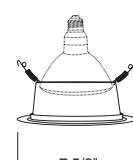
Straight Cone

Catalog #	Description
26B-WH	Black Alzak®, White Trim
26C-WH	Clear Alzak®, White Trim
26G-WH	Gold Alzak®, White Trim
26HZ-WH	Haze, White Trim
26PT-SC	Pewter Alzak®, Satin Chrome Trim
26W-WH	Gloss White, White Trim
26WHZ-WH	Wheat Haze, White Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position. Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2: 90W PAR38/85W BR40
TC2/TC2R: 150W PAR38/120W BR40

Aperture
5 3/4"



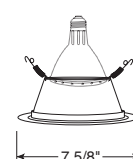
Tapered Cone

Catalog #	Description
27B-WH	Black Alzak®, White Trim
27C-WH	Clear Alzak®, White Trim
27G-WH	Gold Alzak®, White Trim
27HZ-WH	Haze, White Trim
27PT-SC	Pewter Alzak®, Satin Chrome Trim
27W-WH	Gloss White, White Trim
27WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
27WHZ-WH	Wheat Haze, White Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position. Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2: 50W PAR30, 75W PAR30L, 65W BR30
TC2/TC2R: 75W PAR30, 75W PAR30L, 65W BR30

Aperture
5 3/4"



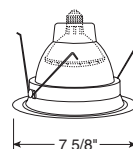
Ultra-Trim Baffle - Fully Enclosed

Catalog #	Description
28W-WH	White Baffle, White Trim
28B-WH	Black Baffle, White Trim

IMPORTANT: Wet location listed only with outdoor rated PAR30/38 lamp

Max. Lamp Rating
IC2: 75W A19/100W PAR38, 75W PAR30/30L, 85W BR30, 120W BR40
TC2/TC2R: 150W A21/150W PAR38, 75W PAR30/30L, 85W BR30, 120W BR40

Aperture
5 7/8"



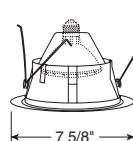
Shallow Baffle

Catalog #	Description
244W-WH	White Baffle, White Trim
244B-WH	Black Baffle, White Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position. Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2/TC2/TC2R: 75W PAR30, 75W PAR30L, 65W BR30

Aperture
5 3/4"



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.

Downlights (cont)

	Catalog # 254W-WH 254B-WH White, White Trim Black, White Trim Compatible with TR6, 6" trim ring	Max. Lamp Rating IC2/TC2/TC2R: 75W PAR30, 100W PAR38 Aperture 5 5/8"	 7 5/8"
	Catalog # 29C-WH 29W-WH Clear Finish, White Trim White Finish, White Trim IMPORTANT: Wet location listed only with outdoor rated PAR30/38 lamp	Max. Lamp Rating IC2: 100W A19/100W PAR38, 75W PAR30/30L, 85W BR30, 120W BR40 TC2/TC2R: 150W A21/150W PAR38, 75W PAR30/30L, 85W BR30, 120W BR40 Aperture 5 7/8"	 7 5/8"
	Catalog # 247B-WH 247C-WH 247G-WH 247HZ-WH 247WHZ-WH Black Alzak®, White Trim Clear Alzak®, White Trim Gold Alzak®, White Trim Haze, White Trim Wheat Haze, White Trim *Compatible with TR6, 6" trim ring	Max. Lamp Rating IC2/TC2/TC2R: 75W PAR30/30L, 65W BR30 Aperture 5 3/4"	 7 5/8"
	Catalog # 257B-WH 257C-WH 257G-WH 257HZ-WH 257WHZ-WH Black Alzak®, White Trim Clear Alzak®, White Trim Gold Alzak®, White Trim Haze, White Trim Wheat Haze, White Trim *Compatible with TR6, 6" trim ring	Max. Lamp Rating IC2/TC2/TC2R: 75W PAR30, 100W PAR38 Aperture 5 5/8"	 7 5/8"
	Catalog # 230CW-WH 230CB-WH Clear with White Baffle, White Trim Clear with Black Baffle, White Trim	Max. Lamp Rating IC2/TC2/TC2R: 100W A19 Aperture 5 1/2"	 7 5/8"
	Catalog # 233C-WH Clear Alzak® with Black Baffle, White Trim	Max. Lamp Rating IC2: 75W A19 TC2/TC2R: 100W A19, 150W A21 Aperture 5 7/8"	 7 5/8"
	Catalog # 232C-WH 232G-WH 232HZ-WH 232W-WH 232WHZ-WH Clear Alzak®, White Trim Gold Alzak®, White Trim Haze, White Trim Semi-Gloss White, White Trim Wheat Haze, White Trim	Max. Lamp Rating IC2/TC2/TC2R: 100W A19, 150W A21 IC2 (White Finish only) 75W A19 TC2 (White Finish only) 100W A19 Aperture 5 7/8"	 7 5/8"



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.

Downlights (cont)

	Catalog # 23B-WH Black Baffle, White Trim +Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position	Max. Lamp Rating IC2/TC2/TC2R: 50W PAR20/R20 Aperture 3 3/8"	
	Catalog # 250-ABZ 250-SC 250-WH Classic Aged Bronze Trim Satin Chrome Trim White Trim +Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position	Max. Lamp Rating IC2/TC2/TC2R: 65W BR30 Aperture 4"	
	Catalog # 251-WH White Trim	Max. Lamp Rating IC2:100W BR40 TC2/TC2R: 120W BR40, 250W R40 Heat Lamp Aperture 5 1/8"	

Adjustables

	Catalog # 224W-WH 224B-WH White Baffle, White Trim Black Baffle, White Trim	Max. Lamp Rating IC2: 75W PAR38, Medium Side Prong TC2/TC2R: 150W PAR38, Medium Side Prong Aperture 5 3/4"	
	Catalog # 226W-WH 226B-WH White Cylinder Adjustable with White Baffle, White Trim Black Cylinder Adjustable with Black Baffle, White Trim +Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position	Max. Lamp Rating IC2/TC2/TC2R: 60W PAR16	
	Catalog # 228-WH White Trim +Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position	Max. Lamp Rating IC2/TC2/TC2R: 50W PAR/R20	
	Catalog # 248W-WH White Baffle, White Trim +Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position	Max. Lamp Rating IC2/TC2/TC2R: 50W PAR/R20	
	Catalog # 229-ABZ 229-BL 229-SC 229-WH Classic Aged Bronze Trim Black Trim Satin Chrome Trim White Trim	Max. Lamp Rating IC2/TC2/TC2R: 75W PAR30L, 65W BR30	

Adjustables (cont)

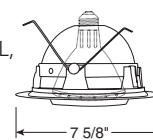


PAR/BR30 Regressed Eyeball in Baffle

Catalog #
249W-WH
249B-WH

Description
White Baffle, White Trim
Black Baffle, White Trim

Max. Lamp Rating
IC2/TC2/TC2R: 75W PAR30L,
65W BR30



PAR30 Adjustable Tapered Baffle

Catalog #
264W-WH
264B-WH

Description
White Baffle, White Trim
Black Baffle, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2/TC2/TC2R: 75W PAR30
Aperture
5 3/4"



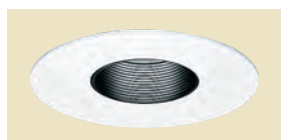
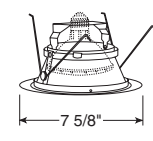
PAR30 Adjustable Tapered Cone

Catalog #
267B-WH
267C-WH
267G-WH
267HZ-WH
267WHZ-WH

Description
Black Alzak®, White Trim
Clear Alzak®, White Trim
Gold Alzak®, White Trim
Haze, White Trim
Wheat Haze, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2/TC2/TC2R: 75W PAR30
Aperture
5 3/4"

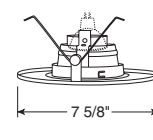


Low Voltage Pinhole with Baffle

Catalog #
424B-WH

Description
Low Voltage Trim with Transformer,
Black Baffle, White Trim

Max. Lamp Rating
IC2: 35W MR16
TC2/TC2R: 50W MR16
Adjustment
30° vertical, 358° rotation
Aperture
3 1/2"

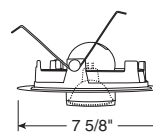


Low Voltage Cylinder Spotlight in Baffle

Catalog #
427W-WH

Description
Low Voltage Trim with
Transformer, White Baffle, White
Bezel, White Trim

Max. Lamp Rating
IC2/TC2/TC2R: 50W MR16
Adjustment
45° vertical, 358° rotation



Lensed

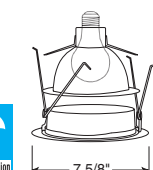


Frosted Lens with Reflector

Catalog #
239-WH

Description
Frosted Lens, White Trim

Max. Lamp Rating
IC2: 40W A19, 35W PAR30L
TC2: 100W A19
TC2R: 75W A19



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.

Lensed (cont)

	Catalog # 20-PW 20-WH Description Shower/Closet Light, Plastic White White Trim	Max. Lamp Rating IC2: 40W A19 TC2/TC2R: 75W A19	
Albalite			
	Catalog # 240-PW 240-WH Description Shower/Closet Light, Plastic White White Trim	Max. Lamp Rating IC2: 60W A19 TC2/TC2R: 100W A19	
Albalite with Reflector			
	Catalog # 21-PW 21-WH Description Shower/Closet Light, Plastic White White Trim +Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position	Max. Lamp Rating IC2: 40W A19 TC2/TC2R: 75W A19	
Drop Opal			
	Catalog # 22-WH Description White Trim	Max. Lamp Rating IC2: 40W A19 TC2/TC2R: 75W A19	
Fresnel			
	Catalog # 241-PW 241-WH Description Shower/Closet Light, Plastic White White Trim +Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position	Max. Lamp Rating IC2: 60W A19 TC2/TC2R: 100W A19	
Drop Opal with Reflector			
	Catalog # 242-ABZ 242-SC 242-WH Description Classic Aged Bronze Trim Satin Chrome Trim White Trim	Max. Lamp Rating IC2: 75W PAR38 TC2/TC2R: 120W PAR38	
Frosted Lens with Clear Center			

Wall Wash

	Catalog # 261W-WH 261B-WH Description White Baffle, White Trim Black Baffle, White Trim	Max. Lamp Rating IC2: 40W A19 TC2/TC2R: 75W A19	
Scoop			



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.

Decorative

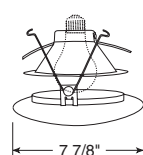


Decorative Swirled Etched
Opal Glass

Catalog #
243-WH

Description
Opal Glass

Max. Lamp Rating
IC2: 60W A19
TC2/TC2R: 100W A19

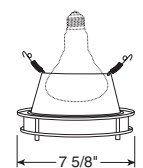


Metal Band

Catalog #
9524-SC

Description
Satin Chrome Band, Satin Chrome Trim
+Trim may be used with TC2R housing adjusted in
lowest height (5 1/4") position

Max. Lamp Rating
IC2/TC2/TC2R: 65W BR30
Aperture
5 7/8"

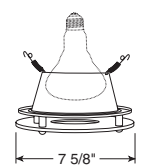


Luminous Disc (Frosted)

Catalog #
9324-SC

Description
Satin Chrome Trim
+Trim may be used with TC2R housing adjusted in
lowest height (5 1/4") position

Max. Lamp Rating
IC2/TC2/TC2R: 65W BR30
Aperture
3 1/4"

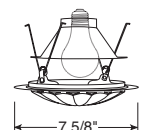


Fluted Drop Opal

Catalog #
9900-WH

Description
White Trim
+Trim may be used with TC2R housing adjusted in
lowest height (5 1/4") position. Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2: 60W A19
TC2/TC2R: 75W A19

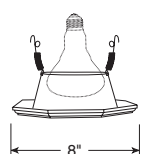


Octagonal

Catalog #
9024W-WH

Description
White Octagonal with White Baffle,
White Trim
+Trim may be used with TC2R housing adjusted in
lowest height (5 1/4") position

Max. Lamp Rating
IC2/TC2/TC2R: 65W BR30
Aperture
5 3/4"



Luminous Collar (Frosted)

Catalog #
9702

Description
Clear Etched

Max. Lamp Rating
IC2/TC2/TC2R: 65W BR30
Aperture
6 3/8"



Juno IC housings meet IECC Air-Loc®
Code requirements per ASTM E283.
Air-Loc® rated trims are pre-gasketed for
minimum air leakage with IC housings.



UL listed for use
in wet location.



Description

IC rated, energy efficient Air-Loc® sealed housing • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 239, 241 and 242 trims • Trims 28 and 29 are wet location approved when used with PAR30/PAR38 outdoor rated lamps • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 6" Housing
- Adjustable socket plate and detachable socket with snap-in springs to accommodate various lamp and trim combinations
- Socket plate is secured at two points for consistent, straight lamp positioning
- Medium base porcelain socket with nickel-plated copper screw shell
- Shipped with socket cap to protect against paint overspray
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC22 Series

Ordering Information

Catalog No.	Description
IC22	6" Incandescent housing
IC22G	IC22 with pre-installed Air-Loc® gasket
IC22S	IC22 with smaller footprint bar hanger (Real Nail® 2)
IC22SG	IC22 with smaller footprint bar hanger (Real Nail 2) and pre-installed Air-Loc gasket

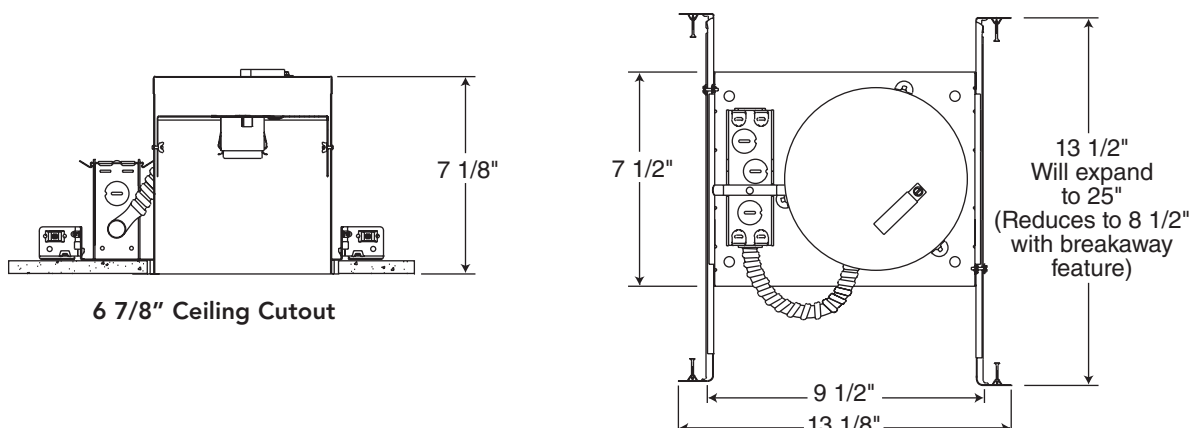
Ordering Information

Catalog No.	Description
IC22W	IC22 with push-in electrical connectors for fast, secure installation
IC22WG	IC22 with push-in electrical connectors and pre-installed Air-Loc gasket

Ordering Information

Catalog No.	Description
ALG6	Air-Loc® Energy Conserving Gasket for 6" Air-Loc IC housings

Dimensions





Description

IC rated, energy efficient Air-Loc® sealed remodel housing

- Can be completely covered with insulation
- Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 239, 241 and 242 trims • Trims 28 and 29 are wet location approved when used with PAR30/PAR38 outdoor rated lamps

- Washington State IECC and MEC energy codes as tested per ASTM-E283
- Conforms with City of Chicago IP requirements

Features

- 6" Remodel housing
- Adjustable socket plate and detachable socket with snap-in springs to accommodate various lamp and trim combinations
- Socket plate is secured at two points for consistent, straight lamp positioning
- Medium base porcelain socket with nickel-plated copper screw shell
- Shipped with socket cap to protect against paint overspray
- Adjustable height remodel springs accommodate up to 1 1/8" single stack or 1 7/8" double stack ceiling thickness
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC22 Series

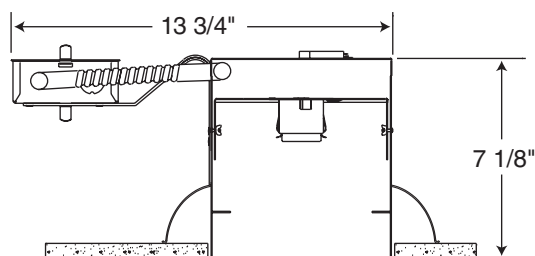
Ordering Information

Catalog No.	Description
IC22R	6" Incandescent remodel housing

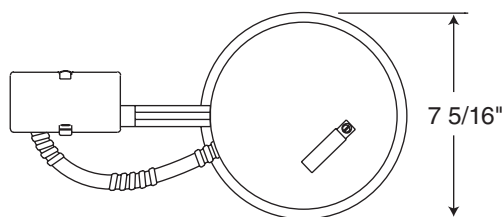
Accessories

Catalog No.	Description
ALG6R	Air-Loc® Energy Conserving Gasket Kit for 6" Air-Loc IC remodel housings

Dimensions



6 3/4" Ceiling Cutout



BR/PAR Downlights

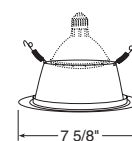


Tapered Baffle

Catalog #	Description
24W-WH	White Baffle, White Trim
24B-WH	Black Baffle, White Trim
24B-BL	Black Baffle, Black Trim
24B-ABZ	Black Baffle, Classic Aged Bronze Trim
24B-SC	Black Baffle, Satin Chrome Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
75W PAR30L, 50W PAR30,
65W BR30
Aperture
5 3/4"

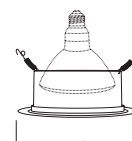


Straight Baffle

Catalog #	Description
25W-WH	White Baffle, White Trim
25B-WH	Black Baffle, White Trim
25B-BL	Black Baffle, Black Trim
25B-ABZ	Black Baffle, Classic Aged Bronze Trim
25B-SC	Black Baffle, Satin Chrome Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
50W PAR30, 65W BR30,
65W PAR38
Aperture
5 3/4"

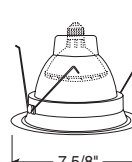


Ultra-Trim Baffle-
Fully Enclosed

Catalog #	Description
28W-WH	White Baffle, White Trim
28B-WH	Black Baffle, White Trim

IMPORTANT: Wet location listed only with
outdoor rated PAR30/38 lamps

Max. Lamp Rating
60W A19, 75W PAR30/30L
65W BR30, 90W PAR38/
BR40
Aperture
5 7/8"

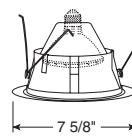


Shallow Baffle

Catalog #	Description
244W-WH	White Baffle, White Trim
244B-WH	Black Baffle, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
60W PAR30, 65W BR30,
75W PAR30L
Aperture
5 3/4"

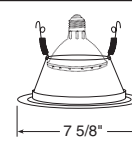


Tapered Cone

Catalog #	Description
27B-WH	Black Alzak®, White Trim
27C-WH	Clear Alzak®, White Trim
27G-WH	Gold Alzak®, White Trim
27HZ-WH	Haze, White Trim
27PT-SC	Pewter Alzak®, Satin
27W-WH	Gloss White, White Trim
27WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
27WHZ-WH	Wheat Haze, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
50W PAR30, 65W BR30,
75W PAR30L
Aperture
5 3/4"

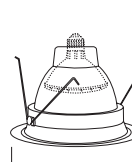


Ultra-Trim Cone-
Fully Enclosed

Catalog #	Description
29C-WH	Clear Finish, White Trim
29W-WH	White Finish, White Trim

IMPORTANT: Wet location listed only with
outdoor rated PAR30/38 lamps

Max. Lamp Rating
60W A19, 75W PAR30/30L
65W BR30, 90W PAR38/
BR40
Aperture
5 7/8"

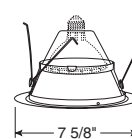


Shallow Cone

Catalog #	Description
247B-WH	Black Alzak®, White Trim
247C-WH	Clear Alzak®, White Trim
247G-WH	Gold Alzak®, White Trim
247HZ-WH	Haze, White Trim
247WHZ-WH	Wheat Haze, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
75W PAR30L, 65W BR30,
75W PAR30
Aperture
5 3/4"


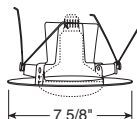


Juno IC housings meet IECC Air-Loc®
Code requirements per ASTM E283.
Air-Loc® rated trims are pre-gasketed for
minimum air leakage with IC housings.


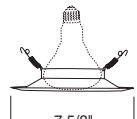


UL listed for use
in wet location.

BR/PAR Downlights (cont)


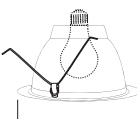
	Catalog #	Description	Max. Lamp Rating	
	250-ABZ	Classic Aged Bronze Trim	65W BR30	
	250-SC	Satin Chrome Trim	Aperture	
	250-WH	White Trim	4"	

BR30 Open Frame

	Catalog #	Description	Max. Lamp Rating	
	252-WH	White Trim	65W BR30 Aperture 4"	


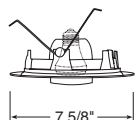
BR30 Regressed Open Frame

A-Lamp Downlights


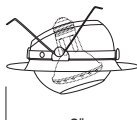
	Catalog #	Description	Max. Lamp Rating	
	231C-WH	Clear Alzak®, White Trim	60W A19	
	231G-WH	Gold Alzak®, White Trim	Aperture	
	231W-WH	Gloss White, White Trim	5 7/8"	

A-Lamp Reflector


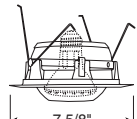
Adjustables

	Catalog #	Description	Max. Lamp Rating	
	226W-WH	White Cylinder Adjustable with White Baffle, White Trim	60W PAR16	
	226B-WH	Black Cylinder Adjustable with Black Baffle, White Trim		


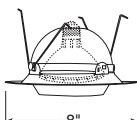
Cylinder Spotlight in Baffle

	Catalog #	Description	Max. Lamp Rating	
	228-WH	White Trim	50W PAR20/R20	


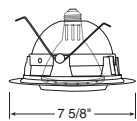
R/PAR20 Regressed Eyeball

	Catalog #	Description	Max. Lamp Rating	
	248W-WH	White Baffle, White Trim	50W PAR20/R20	

R/PAR20 Regressed Eyeball in Baffle

	Catalog #	Description	Max. Lamp Rating	
	229-ABZ	Classic Aged Bronze Trim	75W PAR30L, 65W BR30	
	229-BL	Black Trim		
	229-SC	Satin Chrome Trim		
	229-WH	White Trim		

PAR/BR30 Regressed Eyeball

	Catalog #	Description	Max. Lamp Rating	
	249W-WH	White Baffle, White Trim	75W PAR30L, 65W BR30	
	249B-WH	Black Baffle, White Trim		

PAR/BR30 Regressed Eyeball in Baffle

Adjustables (cont)



PAR30 Adjustable
Tapered Baffle

Catalog #	Description
264W-WH	White Baffle, White Trim
264B-WH	Black Baffle, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
50W PAR30
Aperture
5 3/4"



7 5/8"

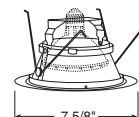


PAR30 Adjustable
Tapered Cone

Catalog #	Description
267B-WH	Black Alzak®, White Trim
267C-WH	Clear Alzak®, White Trim
267G-WH	Gold Alzak®, White Trim
267HZ-WH	Haze, White Trim
267WHZ-WH	Wheat Haze, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
50W PAR30
Aperture
4"



7 5/8"

Lensed



Frosted Lens with Reflector

Catalog #	Description
239-WH	Frosted Lens, White Trim

Max. Lamp Rating
40W A19, 35W PAR30L



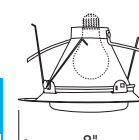
7 5/8"



Drop Opal with Reflector

Catalog #	Description
241-PW	Shower/Closet Light, Plastic White
241-WH	White Trim

Max. Lamp Rating
40W A19



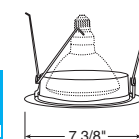
8"



Frosted Lens with
Clear Center

Catalog #	Description
242-ABZ	Classic Aged Bronze Trim
242-SC	Satin Chrome Trim
242-WH	White Trim

Max. Lamp Rating
45W PAR38



7 3/8"



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.

Decorative

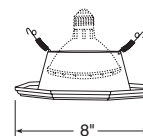


Octagonal

Catalog #
9024W-WH

Description
White Octagonal with White
Baffle, White Trim

Max. Lamp Rating
50W PAR30/65W BR30
Aperture
5 3/4"

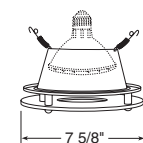


Luminous Disc (Frosted)

Catalog #
9324-SC

Description
Satin Chrome Trim

Max. Lamp Rating
50W PAR30/65W BR30
Aperture
3 1/4"

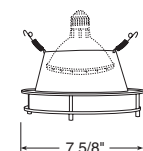


Metal Band

Catalog #
9524-SC

Description
Satin Chrome Band, Satin
Chrome Trim

Max. Lamp Rating
50W PAR30/75W
PAR30L/65W BR30
Aperture
5 7/8"

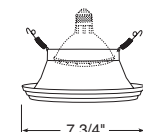


Luminous Collar (Frosted)

Catalog #
9702

Description
Clear Etched Collar

Max. Lamp Rating
50W PAR30/75W
PAR30L/65W BR30
Aperture
6 3/8"





Description

IC rated, energy efficient Air-Loc® sealed housing • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet location • Wet location listed with the 239, 241 trim • Trims 28 and 29 are wet location approved when used with PAR30/PAR38 outdoor rated lamps • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 6" Housing
- Floating socket with spring for quick trim attachment and consistent alignment
- Medium base porcelain socket with nickel-plated copper screw shell
- Shipped with socket cap to protect against paint overspray
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC23 Series

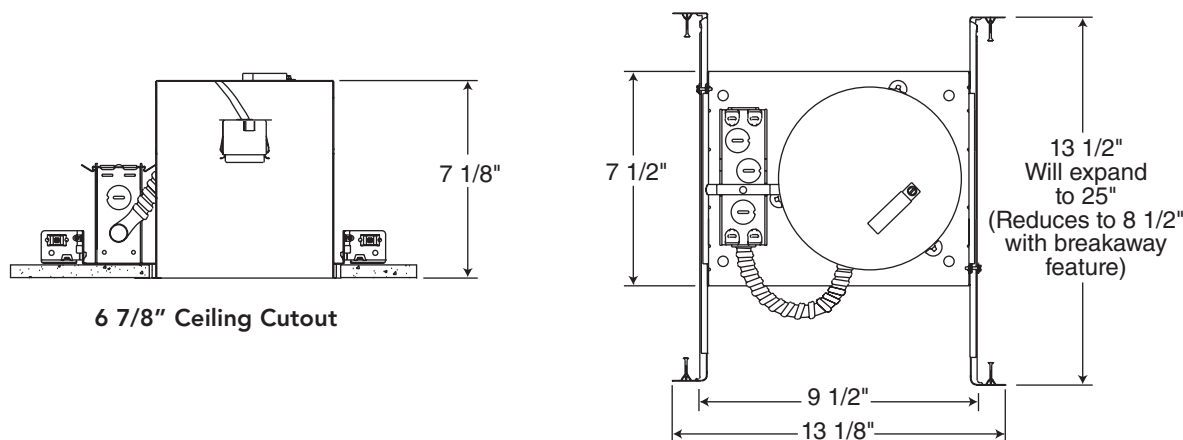
Ordering Information

Catalog No.	Description
IC23	6" Incandescent housing with floating socket
IC23G	IC23 with pre-installed Air-Loc® gasket
IC23W	IC23 with push-in electrical connectors for fast, secure installation
IC23WG	IC23 with push-in electrical connectors and pre-installed Air-Loc gasket

Ordering Information

Catalog No.	Description
ALG6	Air-Loc® Energy Conserving Gasket for 6" Air-Loc IC housings

Dimensions



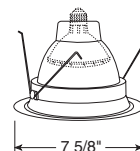
BR/PAR Downlights



Ultra-Trim Baffle-Fully Enclosed

Catalog #
28W-WH White Baffle, White Trim
28B-WH Black Baffle, White Trim
 IMPORTANT: Wet location listed only with outdoor rated PAR30/38 lamps

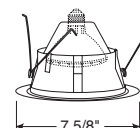
Max. Lamp Rating
 60W A19, 75W PAR30/30L
 65W BR30, 90W PAR38/BR40
Aperture
 5 7/8"



Shallow Baffle

Catalog #
244W-WH White Baffle, White Trim
244B-WH Black Baffle, White Trim
 *Compatible with TR6, 6" trim ring

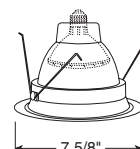
Max. Lamp Rating
 65W BR30, 60W PAR30
 75W PAR30L
Aperture
 5 3/4"



Ultra-Trim Cone-Fully Enclosed

Catalog #
29C-WH Clear Finish, White Trim
29W-WH White Finish, White Trim
 IMPORTANT: Wet location listed only with outdoor rated PAR30/38 lamps

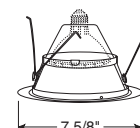
Max. Lamp Rating
 60W A19, 75W PAR30/30L
 65W BR30, 90W PAR38/BR40
Aperture
 5 7/8"



Shallow Cone

Catalog #
247B-WH Black Alzak®, White Trim
247C-WH Clear Alzak®, White Trim
247G-WH Gold Alzak®, White Trim
247HZ-WH Haze, White Trim
247WHZ-WH Wheat Haze, White Trim
 *Compatible with TR6, 6" trim ring

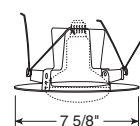
Max. Lamp Rating
 75W PAR30, 75W PAR30L,
 65W BR30
Aperture
 5 3/4"



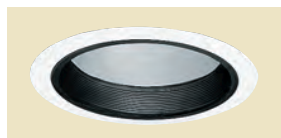
BR30 Open Frame

Catalog #
250-ABZ Classic Aged Bronze Trim
250-SC Satin Chrome Trim
250-WH White Trim

Max. Lamp Rating
 65W BR30
Aperture
 4"



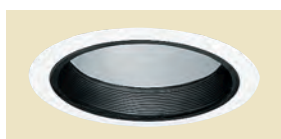
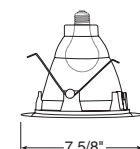
A-Lamp Downlights



Economy A-Lamp Reflector with Baffle

Catalog #
230CW-WH White Baffle, White Trim
230CB-WH Black Baffle, White Trim

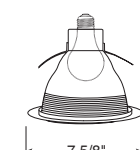
Max. Lamp Rating
 40W A19
Aperture
 5 1/2"



A-Lamp Reflector with Baffle

Catalog #
233C-WH Clear Alzak® with Black Baffle, White Trim

Max. Lamp Rating
 40W A19
Aperture
 5 7/8"



A-Lamp Reflector

Catalog #
232C-WH Clear Alzak®, White Trim
232G-WH Gold Alzak®, White Trim
232HZ-WH Haze, White Trim
232W-WH Semi-Gloss White, White Trim
232WHZ-WH Wheat Haze, White Trim

Max. Lamp Rating
 60W A19
Aperture
 5 7/8"



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.

BR/PAR Adjustables

	Catalog # 226W-WH 226B-WH	Description White Cylinder Adjustable with White Baffle, White Trim Black Cylinder Adjustable with Black Baffle, White Trim	Max. Lamp Rating 60W PAR16	 7 5/8"
Cylinder Spotlight in Baffle	Catalog # 228-WH	Description White Trim	Max. Lamp Rating 50W PAR20/R20	 8"
R/PAR20 Regressed Eyeball	Catalog # 248W-WH	Description White Baffle, White Trim	Max. Lamp Rating 50W PAR20/R20	 7 5/8"
R/PAR20 Regressed Eyeball in Baffle	Catalog # 229-ABZ 229-BL 229-SC 229-WH	Description Classic Aged Bronze Trim Black Trim Satin Chrome Trim White Trim	Max. Lamp Rating 75W PAR30L, 65W BR30	 8"
PAR/BR30 Regressed Eyeball	Catalog # 249W-WH 249B-WH	Description White Baffle, White Trim Black Baffle, White Trim	Max. Lamp Rating 75W PAR30L, 65W BR30	 7 5/8"
PAR/BR30 Regressed Eyeball in Baffle	Catalog # 264W-WH 264B-WH	Description White Baffle, White Trim Black Baffle, White Trim	Max. Lamp Rating 50W PAR30 Aperture 5 3/4"	 7 5/8"
PAR30 Adjustable Tapered Baffle	Catalog # 267B-WH 267C-WH 267G-WH 267HZ-WH 267WHZ-WH	Description Black Alzak®, White Trim Clear Alzak®, White Trim Gold Alzak®, White Trim Haze, White Trim Wheat Haze, White Trim	Max. Lamp Rating 50W PAR30 Aperture 4"	 7 5/8"
PAR30 Adjustable Tapered Cone	*Compatible with TR6, 6" trim ring	*Compatible with TR6, 6" trim ring		

Lensed

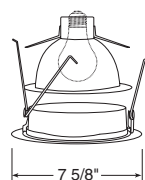


Frosted Lens with Reflector

Catalog #
239-WH

Description
Frosted Lens, White Trim

Max. Lamp Rating
40W A19, 35W PAR30L

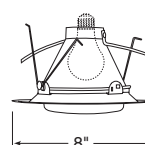


Drop Opal with Reflector

Catalog #
241-PW
241-WH

Description
Shower/Closet Light, Plastic White
White Trim

Max. Lamp Rating
40W A19



Wall Wash

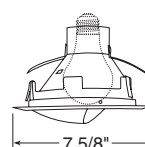


Scoop

Catalog #
261W-WH
261B-WH

Description
White Baffle, White Trim
Black Baffle, White Trim

Max. Lamp Rating
40W A19



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.



Description

IC rated, energy efficient Air-Loc® sealed shallow housing is ideal solution where vertical installation space is limited

- Can be completely covered with insulation
- Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 241 trim • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 6" Housing
- 5 3/4" height for use in 2 x 6 construction
- Floating socket with spring for quick trim attachment and consistent lamp positioning
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) # 12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC21 Series

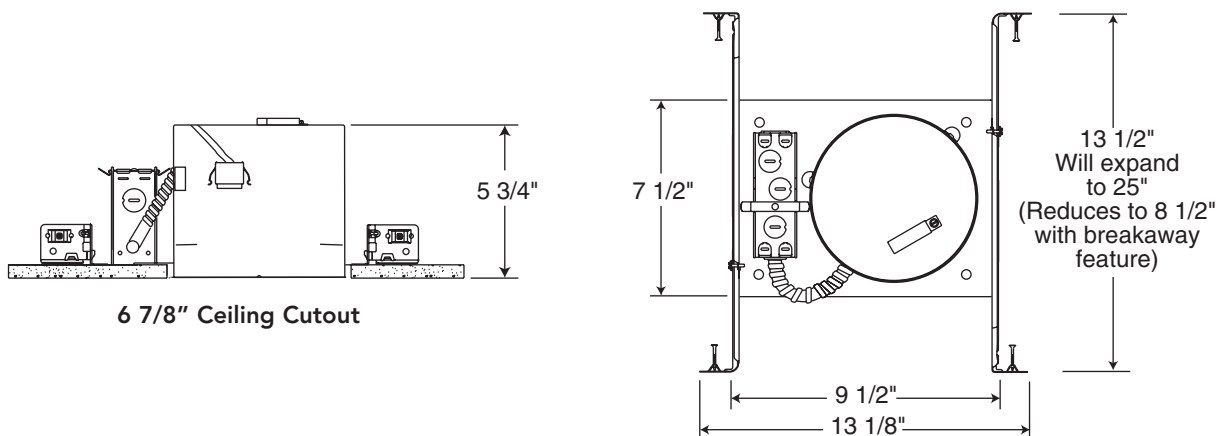
Ordering Information

Catalog No.	Description
IC21	6" Shallow incandescent housing
IC21G	IC21 with pre-installed Air-Loc® gasket

Ordering Information

Catalog No.	Description
ALG6	Air-Loc® Energy Conserving Gasket for 6" Air-Loc IC housings

Dimensions





Description

IC rated, energy efficient Air-Loc® sealed remodel shallow housing is ideal solution where vertical installation space is limited • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 241 trim • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 6" Remodel housing
- 5 3/4" height for use in 2 x 6 construction
- Floating socket with spring for quick trim attachment and consistent lamp positioning
- Medium base porcelain socket with nickel-plated copper screw shell
- Adjustable height remodel springs accommodate up to 1 1/8" single stack or 1 7/8" double stack ceiling thickness
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC21 Series

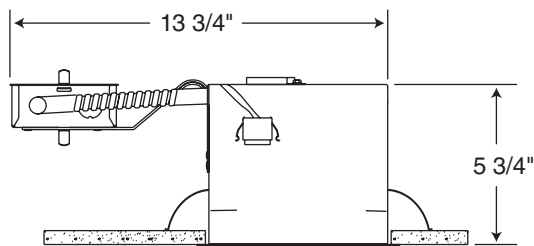
Ordering Information

Catalog No.	Description
IC21R	6" Shallow incandescent remodel housing

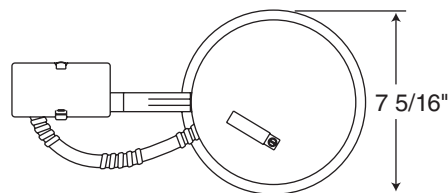
Accessories

Catalog No.	Description
ALG6R	Air-Loc® Energy Conserving Gasket Kit for 6" Air-Loc IC remodel housings



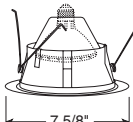


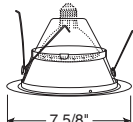

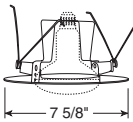
Dimensions





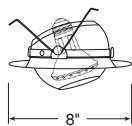


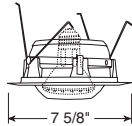


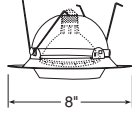


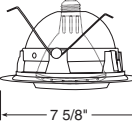
6 3/4" Ceiling Cutout







Downlights

	Catalog # 244W-WH 244B-WH *Compatible with TR6, 6" trim ring	Description White Baffle, White Trim Black Baffle, White Trim	Max. Lamp Rating 75W PAR30L, 65W BR30, 50W PAR30 Aperture 5 3/4"		
Shallow Baffle					
	Catalog # 247B-WH 247C-WH 247G-WH 247HZ-WH 247WHZ-WH *Compatible with TR6, 6" trim ring	Description Black Alzak®, White Trim Clear Alzak®, White Trim Gold Alzak®, White Trim Haze, White Trim Wheat Haze, White Trim	Max. Lamp Rating 75W PAR30/30L, 65W BR30 Aperture 5 3/4"		
Shallow Cone					
	Catalog # 250-ABZ 250-SC 250-WH	Description Classic Aged Bronze Trim Satin Chrome Trim White Trim	Max. Lamp Rating 65W BR30 Aperture 4"		
BR30 Open Frame					

Adjustables

	Catalog # 228-WH	Description White Trim	Max. Lamp Rating 50W PAR20/R20		
R/PAR20 Regressed Eyeball					
	Catalog # 248W-WH	Description White Baffle, White Trim	Max. Lamp Rating 50W PAR20/R20		
R/PAR20 Regressed Eyeball in Baffle					
	Catalog # 229-ABZ 229-SC 229-WH 229-BL	Description Classic Aged Bronze Trim Satin Chrome Trim White Trim Black Trim	Max. Lamp Rating 75W PAR30L, 65W BR30		
PAR/BR30 Regressed Eyeball					
	Catalog # 249W-WH 249B-WH	Description White Baffle, White Trim Black Baffle, White Trim	Max. Lamp Rating 75W PAR30L, 65W BR30		
PAR/BR30 Regressed Eyeball in Baffle					

Lensed

	Catalog # 241-PW 241-WH	Description Shower/Closet Light, Plastic White White Trim	Max. Lamp Rating 40W A19			
Drop Opal with Reflector						



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.



Down-Lites | IC926LED9G4

6" Standard Slope LED Housing IC Rated

900 Lumen



Description

Dedicated LED, Air-Loc® sealed slope ceiling new construction housing with integral light engine for use in 2/12 to 6/12 pitch slopes (9° to 27°) • IC rated double-wall construction housing can be completely covered with insulation • Fully sealed housing stops infiltration and exfiltration of air, reducing heating and air cooling costs without the use of additional gaskets • LED housing is designed to provide 50,000 hours of life and is compatible with standard Juno trims • Juno's patented (US Patent 8,550,669 & Canada Patent 2,740,380) Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

• UL Listed for through-branch wiring, damp locations
• Union made • UL and cUL Listed • Wet location listed when used with 6330 trim • ENERGY STAR® Qualified when used with select baffle and cone trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 6" Standard slope LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens using less than 16W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Extruded heat sink and cast aluminum slider plate integrated directly with housing provides superior thermal management to ensure the long life of the LED
- Adjustable slider plate to position LEDs/reflector perpendicular to floor
- Replaceable light engine mounts directly to slider plate and incorporates the latest generation high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Choice of dedicated 120V driver with forward phase and ELV dimming or universal 120-277V driver with 0-10V dimming
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL and cUL Listed for through-branch wiring
- Push-in electrical connectors included
- Trim selection follows IC926LED9G4, IC926LWD9G4, IC926LED14G4, IC928LED9G4, IC928LWD9G4 and IC928LED14G4

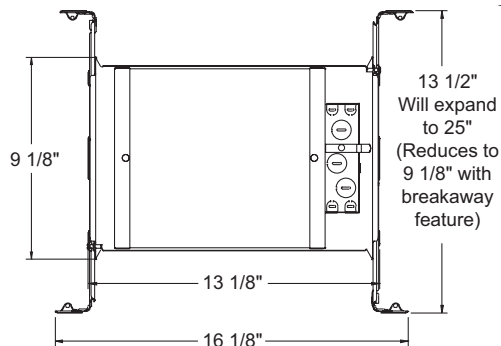
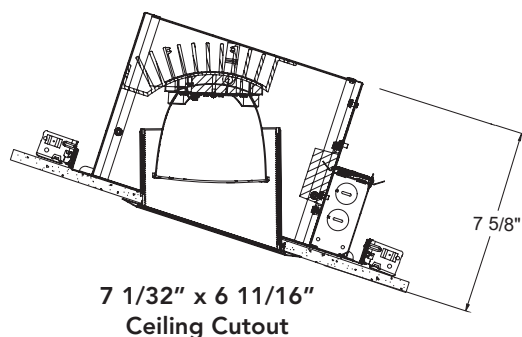
*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

Example: IC926LED9G4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC926LED9G4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	U Universal Voltage, 120-277V (0-10V dimming)
	35K 3500K	
	41K 4100K	

Dimensions





Down-Lites | IC926LWD9G4

6" Standard Slope WarmDim® LED Housing IC Rated

900 Lumen



Description

Dedicated LED, Air-Loc® sealed slope ceiling new construction housing with patented (US Patent 8,710,754) WarmDim® technology • For use in 2/12 to 6/12 pitch slopes (9° to 27°) • IC rated double-wall construction housing can be completely covered with insulation • Fully sealed housing stops infiltration and exfiltration of air, reducing heating and air cooling costs without the use of additional gaskets • LED housing is designed to provide 50,000 hours of life and is compatible with standard Juno trims • Juno's patented (US Patent 8,550,669 & Canada Patent 2,740,380) Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

• UL Listed for through-branch wiring, damp locations
• Union made • UL and cUL Listed • Wet location listed when used with 6330 trim • ENERGY STAR® Qualified when used with select baffle and cone trims

Features

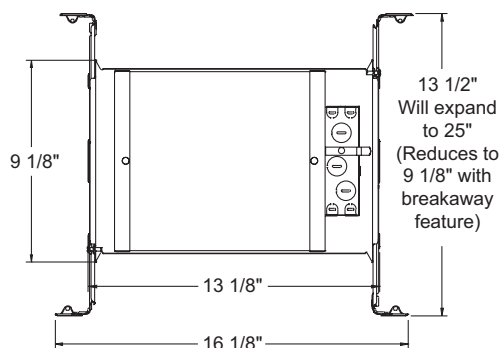
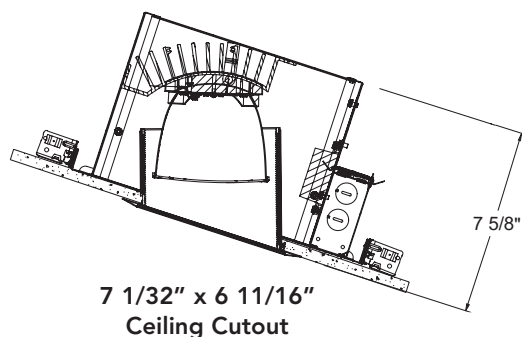
- 6" Standard slope WarmDim LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens with select trims using 18W*
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end, maintaining 90 CRI throughout dimming range
- Extruded heat sink and cast aluminum slider plate integrated directly with housing provides superior thermal management to ensure the long life of the LED
- Adjustable slider plate to position LEDs/reflector perpendicular to floor
- Replaceable light engine mounts directly to slider plate and incorporates the latest generation high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL and cUL Listed for through-branch wiring
- Push-in electrical connectors included
- Trim selection follows IC926LED9G4, IC926LWD9G4, IC926LED14G4, IC928LED9G4, IC928LWD9G4 and IC928LED14G4

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

Catalog No.	Description
IC926LWD9G4-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

Dimensions





Down-Lites | IC926LED14G4

6" Standard Slope LED Housing IC Rated

1400 Lumen



Description

Dedicated LED, Air-Loc® sealed slope ceiling new construction housing with integral light engine for use in 2/12 to 6/12 pitch slopes (9° to 27°) • IC rated double-wall construction housing can be completely covered with insulation • Fully sealed housing stops infiltration and exfiltration of air, reducing heating and air cooling costs without the use of additional gaskets • LED housing is designed to provide 50,000 hours of life and is compatible with standard Juno trims • Juno's patented (US Patent 8,550,669 & Canada Patent 2,740,380) Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

• UL Listed for through-branch wiring, damp locations
• Union made • UL and cUL Listed • Wet location listed when used with 6330 trim • ENERGY STAR® Qualified when used with select baffle and cone trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 6" Standard slope LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 1400 lumens using 20W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Extruded heat sink and cast aluminum slider plate integrated directly with housing provides superior thermal management to ensure the long life of the LED
- Adjustable slider plate to position LEDs/reflector perpendicular to floor
- Replaceable light engine mounts directly to slider plate and incorporates the latest generation high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Choice of dedicated 120V driver with forward phase and ELV dimming or universal 120-277V driver with 0-10V dimming
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL and cUL Listed for through-branch wiring
- Push-in electrical connectors included
- Trim selection follows IC926LED9G4, IC926LWD9G4, IC926LED14G4, IC928LED9G4, IC928LWD9G4 and IC928LED14G4

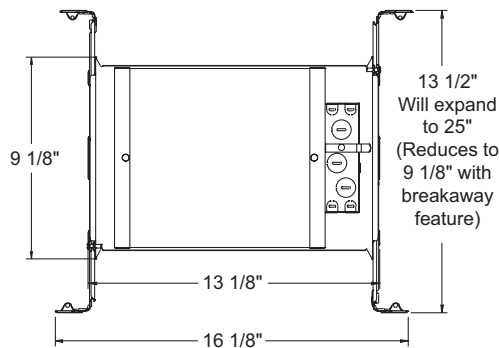
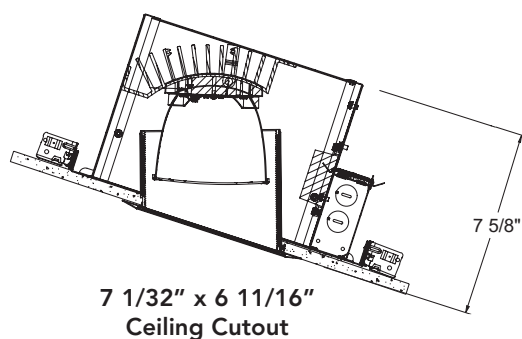
*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

Example: IC926LED14G4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC926LED14G4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	U Universal Voltage, 120-277V (0-10V dimming)
	35K 3500K	
	41K 4100K	

Dimensions





Down-Lites | IC928LED9G4

6" Super Slope LED Housing IC Rated

900 Lumen



Description

Dedicated LED, Air-Loc® sealed slope ceiling new construction housing with integral light engine for use in 7/12 to 12/12 pitch slopes (30° to 45°) • IC rated double-wall construction housing can be completely covered with insulation • Fully sealed housing stops infiltration and exfiltration of air, reducing heating and air cooling costs without the use of additional gaskets • LED housing is designed to provide 50,000 hours of life and is compatible with standard Juno trims • Juno's patented (US Patent 8,550,669 & Canada Patent 2,740,380) Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

- UL Listed for through-branch wiring, damp locations
- Union made • UL and cUL Listed • Wet location listed when used with 6033 trim • ENERGY STAR® Qualified when used with select baffle and cone trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 6" Super slope LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens using less than 16W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Extruded heat sink and cast aluminum slider plate integrated directly with housing provides superior thermal management to ensure the long life of the LED
- Adjustable slider plate to position LEDs/reflector perpendicular to floor
- Replaceable light engine mounts directly to slider plate and incorporates the latest generation high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Choice of dedicated 120V driver with forward phase and ELV dimming or universal 120-277V driver with 0-10V dimming
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL and cUL Listed for through-branch wiring
- Push-in electrical connectors included
- Trim selection follows IC926LED9G4, IC926LWD9G4, IC926LED14G4, IC928LED9G4, IC928LWD9G4 and IC928LED14G4

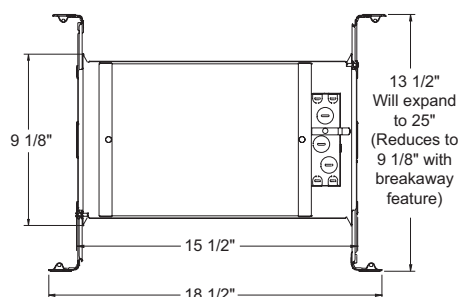
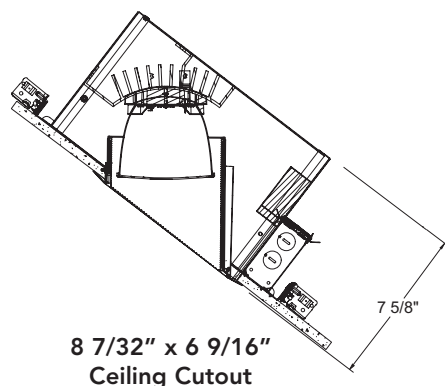
*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

Example: IC928LED9G4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC928LED9G4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	U Universal Voltage, 120-277V (0-10V dimming)
	35K 3500K	
	41K 4100K	

Dimensions





Down-Lites | IC928LWD9G4

6" Super Slope WarmDim® LED Housing IC Rated

900 Lumen



Description

Dedicated LED, Air-Loc® sealed slope ceiling new construction housing with patented (US Patent 8,710,754) WarmDim® technology • For use in 7/12 to 12/12 pitch slopes (30° to 45°) • IC rated double-wall construction housing can be completely covered with insulation • Fully sealed housing stops infiltration and exfiltration of air, reducing heating and air cooling costs without the use of additional gaskets • LED housing is designed to provide 50,000 hours of life and is compatible with standard Juno trims • Juno's patented (US Patent 8,550,669 & Canada Patent 2,740,380) Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

• UL Listed for through-branch wiring, damp locations
• Union made • UL and cUL Listed • Wet location listed when used with 6033 trim • ENERGY STAR® Qualified when used with select baffle and cone trims

Features

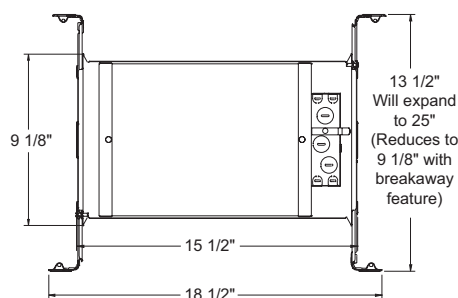
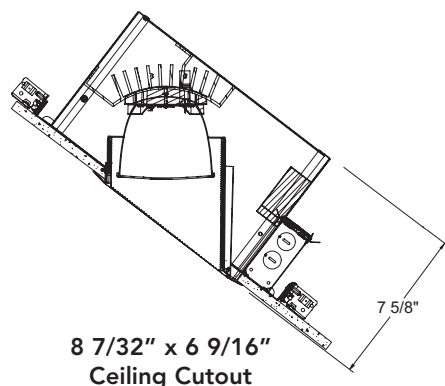
- 6" Super slope WarmDim LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens with select trims using 18W*
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end, maintaining 90 CRI throughout dimming range
- Extruded heat sink and cast aluminum slider plate integrated directly with housing provides superior thermal management to ensure the long life of the LED
- Adjustable slider plate to position LEDs/reflector perpendicular to floor
- Replaceable light engine mounts directly to slider plate and incorporates the latest generation high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL and cUL Listed for through-branch wiring
- Push-in electrical connectors included
- Trim selection follows IC926LED9G4, IC926LWD9G4, IC926LED14G4, IC928LED9G4, IC928LWD9G4 and IC928LED14G4

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

Catalog No.	Description
IC928LWD9G4-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

Dimensions





Down-Lites | IC928LED14G4

6" Super Slope LED Housing IC Rated

1400 Lumen



Description

Dedicated LED, Air-Loc® sealed slope ceiling new construction housing with integral light engine for use in 7/12 to 12/12 pitch slopes (30° to 45°) • IC rated double-wall construction housing can be completely covered with insulation • Fully sealed housing stops infiltration and exfiltration of air, reducing heating and air cooling costs without the use of additional gaskets • LED housing is designed to provide 50,000 hours of life and is compatible with standard Juno trims • Juno's patented (US Patent 8,550,669 & Canada Patent 2,740,380) Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

- UL Listed for through-branch wiring, damp locations
- Union made • UL and cUL Listed • Wet location listed when used with 6033 trim • ENERGY STAR® Qualified when used with select baffle and cone trims • Certified to the high efficiency requirements of California T24 with select trims

Features

- 6" Super slope LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 1400 lumens using 20W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Extruded heat sink and cast aluminum slider plate integrated directly with housing provides superior thermal management to ensure the long life of the LED
- Adjustable slider plate to position LEDs/reflector perpendicular to floor
- Replaceable light engine mounts directly to slider plate and incorporates the latest generation high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Choice of dedicated 120V driver with forward phase and ELV dimming or universal 120-277V driver with 0-10V dimming
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL and cUL Listed for through-branch wiring
- Push-in electrical connectors included
- Trim selection follows IC926LED9G4, IC926LWD9G4, IC926LED14G4, IC928LED9G4, IC928LWD9G4 and IC928LED14G4

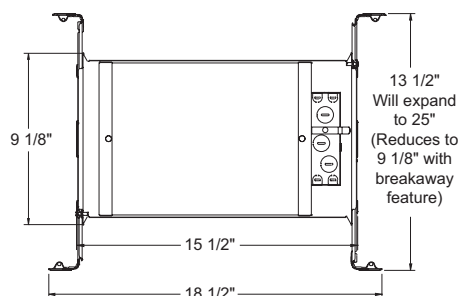
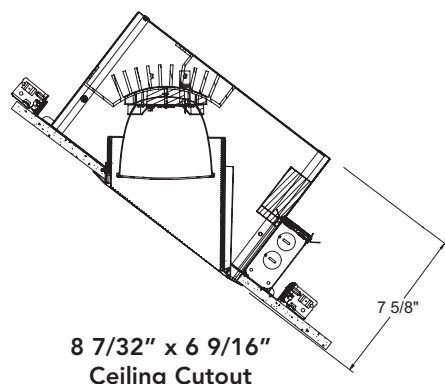
*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

Example: IC928LED14G4-27K-1

Catalog No.	Color Temp.	Input Voltage
IC928LED14G4	27K 2700K	1 Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	U Universal Voltage, 120-277V (0-10V dimming)
	35K 3500K	
	41K 4100K	

Dimensions





Down-Lites | Trims for IC926LED9G4, IC926LWD9G4, IC926LED14G4, IC928LED9G4, IC928LWD9G4 & IC928LED14G4

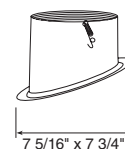
Standard Slope Trims



Downlight Baffle

Catalog #	Description
614W-WH	White Baffle, White Trim
614B-WH	Black Baffle, White Trim
614B-BL	Black Baffle, Black Trim
614B-ABZ	Black Baffle, Classic Aged Bronze Trim
614B-SC	Black Baffle, Satin Chrome Trim

Aperture
5 1/2" x 5 3/4"



7 5/16" x 7 3/4"



Downlight Cone

Catalog #	Description
620C-WH	Clear Alzak®, White Trim
620B-WH	Black Alzak®, White Trim
620HZ-WH	Haze, White Trim
620HZ-SC	Haze, Satin Chrome Trim
620W-WH	White, White Trim
620WHZ-WH	Wheat Haze, White Trim
620WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim

Aperture
5 1/2" x 5 7/8"



7 3/8" x 7 3/4"

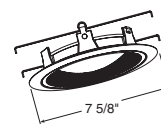
Lensed



Baffle, Regressed Frosted Dome Lens

Catalog #	Description
6330W-WH	White Baffle, White Trim
6330B-WH	Black Baffle, White Trim

Not T24 or ENERGY STAR® compliant.



7 5/8"

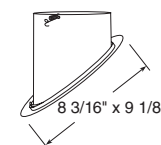
Super Slope Trims



Downlight Baffle

Catalog #	Description
604W-WH	White Baffle, White Trim
604B-WH	Black Baffle, White Trim
604B-BL	Black Baffle, Black Trim
604B-ABZ	Black Baffle, Classic Aged Bronze Trim
604B-SC	Black Baffle, Satin Chrome Trim

Aperture
5 1/2" x 6 7/8"



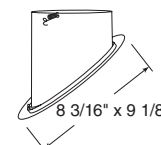
8 3/16" x 9 1/8"



Downlight Cone

Catalog #	Description
602B-WH	Black Alzak®, White Trim
602C-WH	Clear Alzak®, White Trim
602HZ-SC	Haze, Satin Chrome Trim
602HZ-WH	Haze, White Trim
602W-WH	White, White Trim
602WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
602WHZ-WH	Wheat Haze, White Trim

Aperture
5 3/4" x 7"



8 3/16" x 9 1/8"

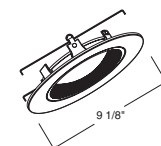
Lensed



Baffle, Regressed Frosted Dome Lens

Catalog #	Description
6033W-WH	White Baffle, White Trim
6033B-WH	Black Baffle, White Trim

Not T24 or ENERGY STAR® compliant.



9 1/8"



ENERGY STAR®
Qualified



Certified to the high
efficiency requirements
of California T24



Juno IC housings meet IECC Air-Loc®
Code requirements per ASTM E283.
Air-Loc® rated trims are pre-gasketed for
minimum air leakage with IC housings.



UL listed for use
in wet location.

ENERGY STAR® qualification and T24 certification is dependent on trim
finish and LED color temperature. See housing spec sheet on
www.junolightinggroup.com for specific information for each trim.





Description

ICPL, Air-Loc® sealed double-wall new construction housing for use in 2/12 to 6/12 pitch slopes (9° to 27°) • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • Juno's Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed for contact with insulation, through-branch wiring, and damp locations • Meets Washington State Air Tight Requirements, IECC • Complies with FCC Part 18 consumer use limits • Complies with California's Title 24 energy code

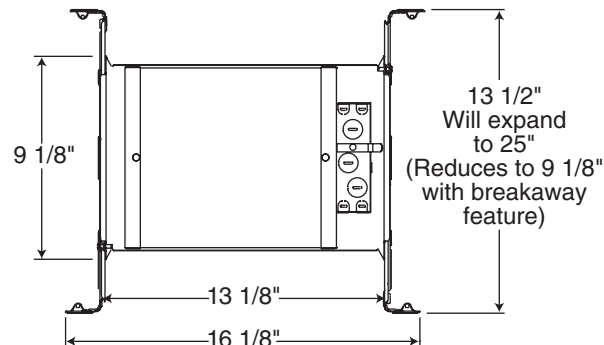
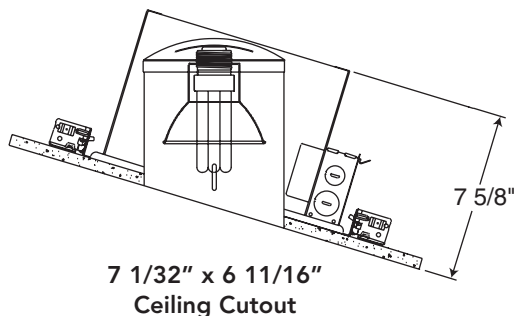
Features

- 6" Standard slope housing
- 120V HPF rapid start electronic FCC Class B ballast with end of life lamp protection
- One 26W, 32W, or 42W triple tube (4-pin) CFL lamp
- Air-Loc® CFL double wall housing does not require separate gasket
- Oblique angle housing design holds trims flush with the ceiling
- Socket mounts to an adjustable plate to accommodate various pitch ceilings
- Supplied with threaded barrel CFL socket
- Inner housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL Listed for through-branch wiring, maximum (8) #12 AWG 90° C branch circuit conductors (4 in, 4 out)
- 2 year warranty
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows ICPL926/28-42 and ICPL926R/28R-32 Series

Ordering Information

Catalog No.	Description
ICPL926-42	120V HPF ballast
ICPL926-42-DB120	ICPL926-42 with 120V HPF dimmable ballast – T24 compliant

Dimensions





Description

ICPL, Air-Loc® sealed remodel housing for use in 2/12 to 6/12 pitch slopes (9° to 27°) • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • Juno's Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed for contact with insulation and damp locations
 • Meets Washington State Air Tight Requirements, IECC
 • Complies with FCC Part 18 consumer use limits
 • Complies with California's Title 24 energy code

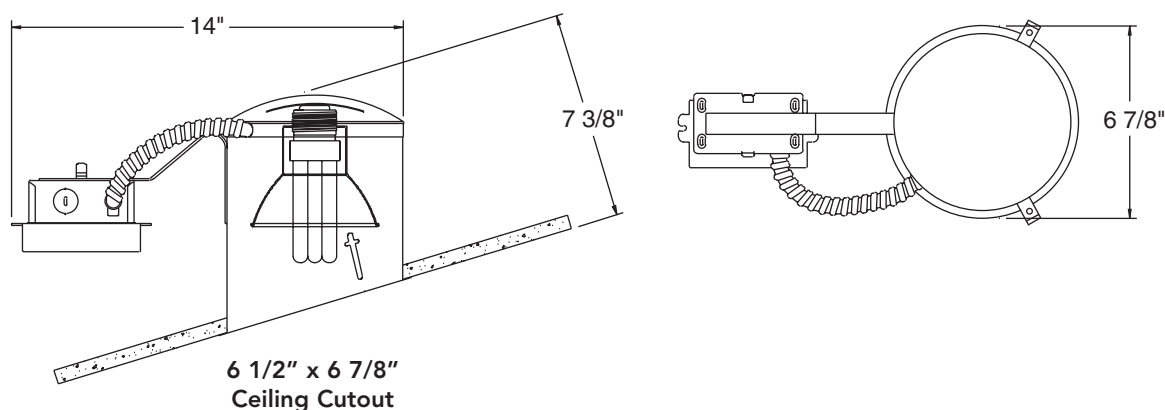
Features

- 6" Standard slope remodel housing
- 120V HPF rapid start electronic FCC Class B ballast with end of life lamp protection
- One 26W or 32W triple tube (4-pin) CFL lamp
- Air-Loc® CFL remodel housing does not require separate gasket
- Oblique angle housing design holds trims flush with the ceiling
- Socket mounts to an adjustable plate to accommodate various pitch ceilings
- Supplied with threaded barrel CFL socket
- Remodel clips accommodate up to a 1 1/8" ceiling thickness
- Pre-wired junction box with six (5) 1/2" knockouts equipped with pryout slots, four (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- 2 year warranty
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows ICPL926/28-42 and ICPL926R/28R-32 Series

Ordering Information

Catalog No.	Description
ICPL926R-32	120V HPF ballast
ICPL926R-32N-DB120	ICPL926R-32 with 120V NPF dimmable ballast – T24 compliant

Dimensions





Description

ICPL, Air-Loc® sealed double-wall construction housing for use in 7/12 to 12/12 pitch slopes (30° to 45°) • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • Juno's Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed for contact with insulation, through-branch wiring, and damp locations • Meets Washington State Air Tight Requirements, IECC • Complies with FCC Part 18 consumer use limits • Complies with California's Title 24 energy code

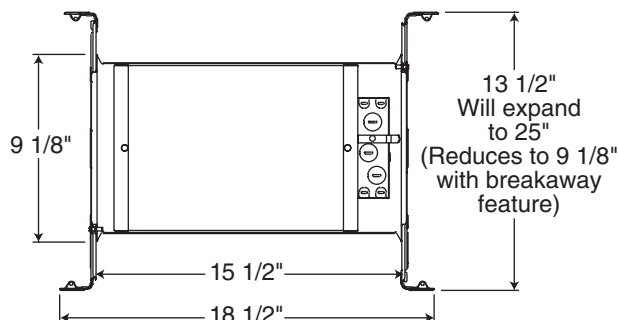
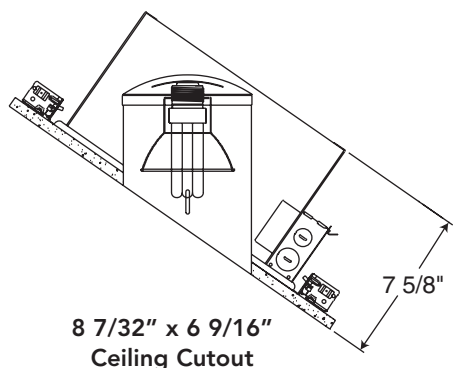
Features

- 6" Super slope housing
- 120V HPF rapid start electronic FCC Class B ballast with end of life lamp protection
- One 26W, 32W, or 42W triple tube (4-pin) CFL lamp
- Air-Loc® CFL double wall housing does not require separate gasket
- Oblique angle housing design holds trims flush with the ceiling
- Socket mounts to an adjustable plate to accommodate various pitch ceilings
- Supplied with threaded barrel CFL socket
- Inner housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL Listed for through-branch wiring, maximum (8) #12 AWG 90° C branch circuit conductors (4 in, 4 out)
- 2 year warranty
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows ICPL926/28-42 and ICPL926R/28R-32 Series

Ordering Information

Catalog No.	Description
ICPL928-42	120V HPF ballast
ICPL928-42-DB120	ICPL928-42 with 120V HPF dimmable ballast – T24 compliant

Dimensions





Description

ICPL, Air-Loc® sealed remodel housing for use in 7/12 to 12/12 pitch slopes (30° to 45°) • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • Juno's Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed for contact with insulation and damp locations

- Meets Washington State Air Tight Requirements, IECC
- Complies with FCC Part 18 consumer use limits
- Complies with California's Title 24 energy code

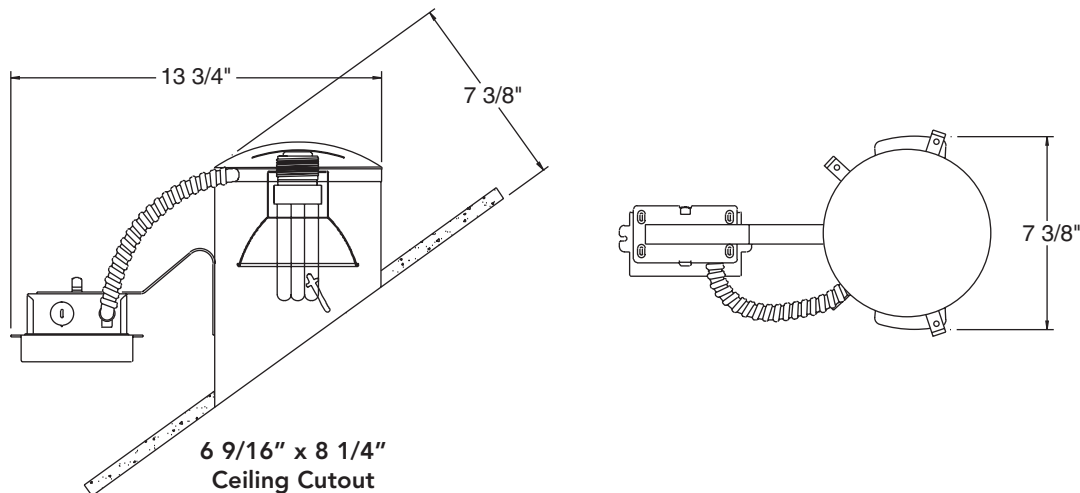
Features

- 6" Super slope remodel housing
- 120V HPF rapid start electronic FCC Class B ballast with end of life lamp protection
- One 26W or 32W triple tube (4-pin) CFL lamp
- Air-Loc® CFL remodel housing does not require separate gasket
- Oblique angle housing design holds trims flush with the ceiling
- Socket mounts to an adjustable plate to accommodate various pitch ceilings
- Supplied with threaded barrel CFL socket
- Remodel clips accommodate up to a 1 1/8" ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts equipped with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- 2 year warranty
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows ICPL926/28-42 and ICPL926R/28R-32 Series

Ordering Information

Catalog No.	Description
ICPL928R-32	120V HPF ballast
ICPL928R-32N-DB120	ICPL928R-32 with 120V NPF dimmable ballast – T24 compliant

Dimensions





Down-Lites | Trims for ICPL926-42 Series, ICPL926R-32 Series, ICPL928-42 Series & ICPL928R-32 Series

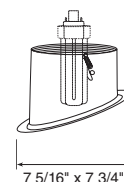
Standard Slope Trims



Downlight Baffle

Catalog #	Description
614W-WH	White Baffle, White Trim
614B-WH	Black Baffle, White Trim
614B-BL	Black Baffle, Black Trim
614B-ABZ	Black Baffle, Aged Bronze Trim
614B-SC	Black Baffle, Satin Chrome Trim

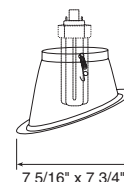
Max. Lamp Rating
ICPL926-42: 42W Max
ICPL926R-32: 32W Max
Aperture
5 1/2" x 5 3/4"



Downlight Reflector Cone

Catalog #	Description
612C-WH	Clear Alzak®, White Trim
612G-WH	Gold Alzak®, White Trim
612B-WH	Black Alzak®, White Trim
612HZ-WH	Haze, White Trim
612HZ-SC	Haze, Satin Chrome Trim
612W-WH	White, White Trim
612WHZ-ABZ	Wheat Haze, Aged Bronze Trim
612WHZ-WH	Wheat Haze, White Trim

Max. Lamp Rating
ICPL926-42: 42W Max
ICPL926R-32: 32W Max
Aperture
5 5/8" x 5 7/8"



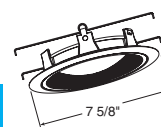
Lensed



Baffle, Regressed
Frosted Dome Lens

Catalog #	Description
6330W-WH	White Baffle, White Trim

Max. Lamp Rating
ICPL926-42: 32W Max
ICPL926R-32: 26W Max



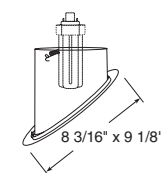
Super Slope Trims



Downlight Baffle

Catalog #	Description
604W-WH	White Baffle, White Trim
604B-WH	Black Baffle, White Trim
604B-BL	Black Baffle, Black Trim
604B-ABZ	Black Baffle, Aged Bronze Trim
604B-SC	Black Baffle, Satin Chrome Trim

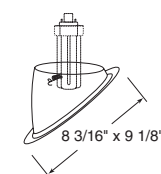
Max. Lamp Rating
ICPL928-42: 42W Max
ICPL928R-32: 32W Max
Aperture
5 1/2" x 6 7/8"



Downlight Reflector Cone

Catalog #	Description
602C-WH	Clear Alzak®, White Trim
602G-WH	Gold Alzak®, White Trim
602B-WH	Black Alzak®, White Trim
602HZ-WH	Haze, White Trim
602HZ-SC	Haze, Satin Chrome Trim
602W-WH	White, White Trim
602WHZ-ABZ	Wheat Haze, Aged Bronze Trim
602WHZ-WH	Wheat Haze, White Trim

Max. Lamp Rating
ICPL928-42: 42W Max
ICPL928R-32: 32W Max
Aperture
5 3/4" x 7"



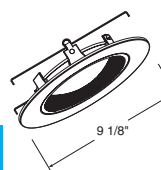
Lensed



Baffle, Regressed
Frosted Dome Lens

Catalog #	Description
6033W-WH	White Baffle, White Trim

Max. Lamp Rating
ICPL928-42: 32W Max
ICPL928R-32: 26W Max



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.



Description

IC rated, energy efficient Air-Loc® double wall construction housing for use in 2/12 to 6/12 pitch slopes (9° to 27°)

- Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs • Juno's Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 610 trim • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

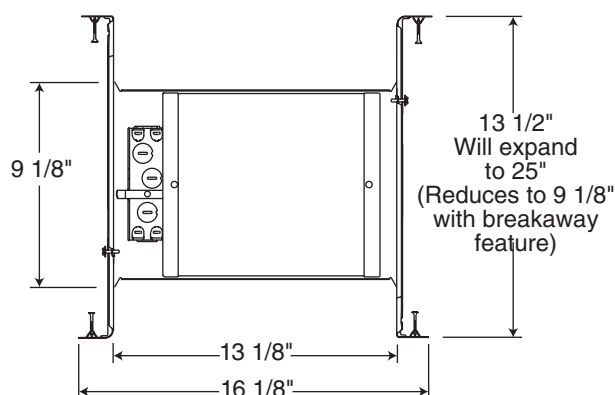
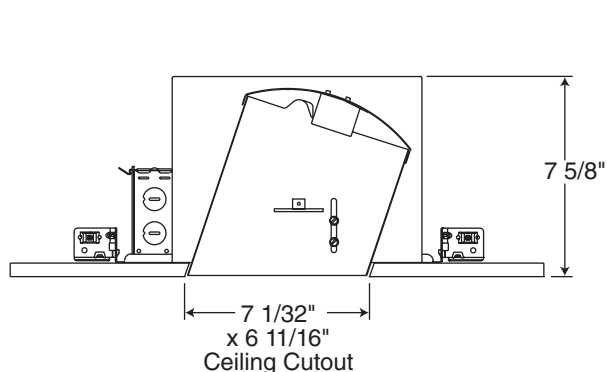
Features

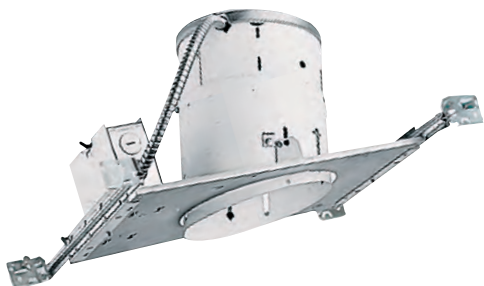
- 6" Standard slope housing (oval)
- Oblique angle housing design holds trims flush with the ceiling
- Adjustable socket plate permits lamp to remain perpendicular to floor through entire pitch range
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC926 and TC926 Series

Ordering Information

Catalog No.	Description
IC926	6" Standard slope incandescent housing
IC926W	IC926 with push-in electrical connectors for fast, secure installation

Dimensions





Description

Non-IC rated housing for use in 2/12 to 6/12 pitch slopes (9° to 27°) • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing • Juno's Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 610 trim • Conforms with City of Chicago IP requirements

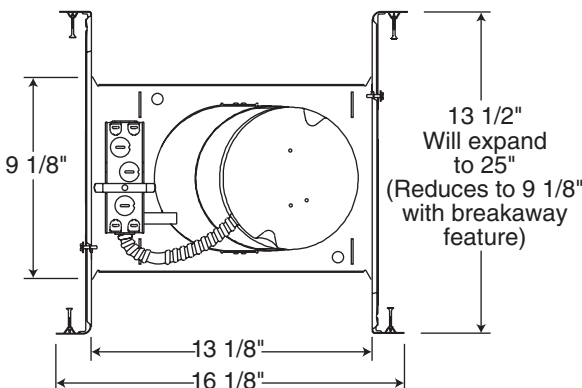
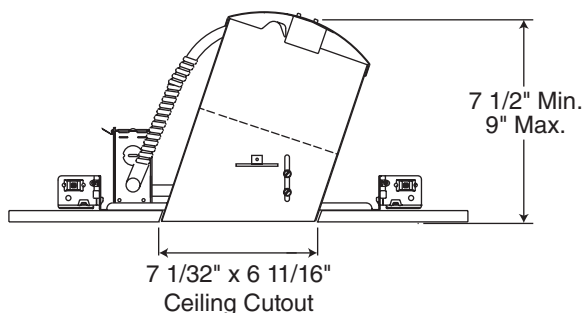
Features

- 6" Standard slope housing (oval)
- Oblique angle housing design holds trims flush with the ceiling
- Adjustable socket plate permits lamp to remain perpendicular to floor through entire pitch range
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC926 and TC926 Series

Ordering Information

Catalog No.	Description
TC926	6" Standard slope incandescent housing

Dimensions





Description

Non-IC rated remodel housing for use in 2/12 to 6/12 pitch slopes (9° to 27°) where the back side of the ceiling is not accessible • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing • The Juno Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 610 trim • Conforms with City of Chicago IP requirements

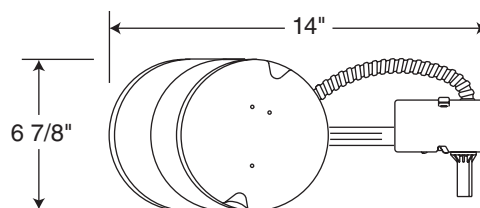
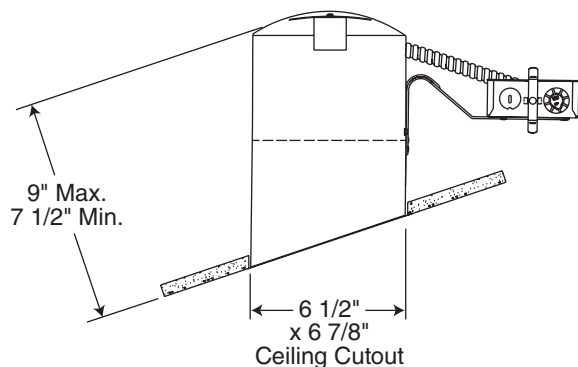
Features

- 6" Standard slope remodel housing (oval)
- Oblique angle housing design holds trims flush with the ceiling
- Adjustable socket plate permits lamp to remain perpendicular to floor through entire pitch range
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1 1/8" ceiling thickness
- Housing is secured in place with factory supplied remodel clips
- Telescoping height for use in 2 x 8 or 2 x 10 construction
- Pre-wired junction box with (4) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC926 and TC926 Series


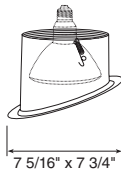

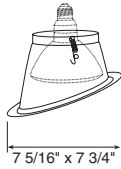
Ordering Information

Catalog No.	Description
TC926R	6" Standard slope incandescent remodel housing

Dimensions



Downlights

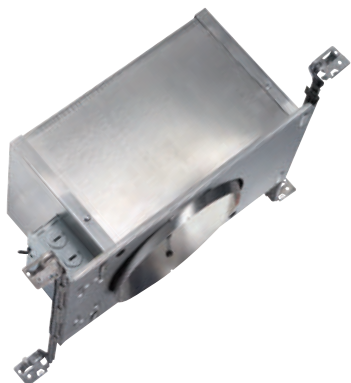
 Baffle	Catalog #	Description	Max. Lamp Rating	
	614W-WH	White Baffle, White Trim	IC926: 90W PAR38	
	614B-WH	Black Baffle, White Trim	TC926: 150W PAR38	
	614B-BL	Black Baffle, Black Trim	Aperture	
	614B-ABZ	Black Baffle, Classic Aged Bronze Trim	5 1/2" x 5 3/4"	
	614B-SC	Black Baffle, Satin Chrome Trim		
 Cone	Catalog #	Description	Max. Lamp Rating	
	612B-WH	Black Alzak®, White Trim	IC926: 75W PAR30, 90W	
	612C-WH	Clear Alzak®, White Trim	PAR38, 65W BR30	
	612G-WH	Gold Alzak®, White Trim	TC926: 75W PAR30,	
	612HZ-SC	Haze, Satin Chrome Trim	150W PAR 38, 85W BR30	
	612HZ-WH	Haze, White Trim	Aperture	
	612W-WH	White, White Trim	5 5/8" x 5 7/8"	
	612WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim		
	612WHZ-WH	Wheat Haze, White Trim		

Adjustables

 Cylinder Spotlight in Baffle	Catalog #	Description	Max. Lamp Rating	
	616W-WH	White Cylinder with White Baffle, White Trim	60W PAR16	
	616B-WH	Black Cylinder with Black Baffle, White Trim	Adjustment 45° vertical, 358° rotation	
 Low Voltage Cylinder Spotlight in Baffle	Catalog #	Description	Max. Lamp Rating	
	617W-WH	White Cylinder with White Baffle/White Bezel and Magnetic Transformer, White Trim	IC926: 35W MR16 TC926: 50W MR16	
			Adjustment 45° vertical, 358° rotation	
 Eyeball in Baffle	Catalog #	Description	Max. Lamp Rating	
	619W-WH	White Baffle, White Trim	85W BR30	
	619B-WH	Black Baffle, White Trim	Adjustment 35° vertical, 358° rotation	
 Lensed Shower Trim Flat Diffuser	Catalog #	Description	Max. Lamp Rating	
	610W-WH	White Baffle, White Trim	IC926: 50W PAR30	
	610B-WH	Black Baffle, White Trim	TC926: 75W A19, 75W PAR30	



UL listed for use
in wet location.



Description

IC rated, energy efficient Air-Loc® double wall construction housing for use in 7/12 to 12/12 pitch slopes (30° to 45°)

• Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs • The Juno Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 603 trim • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

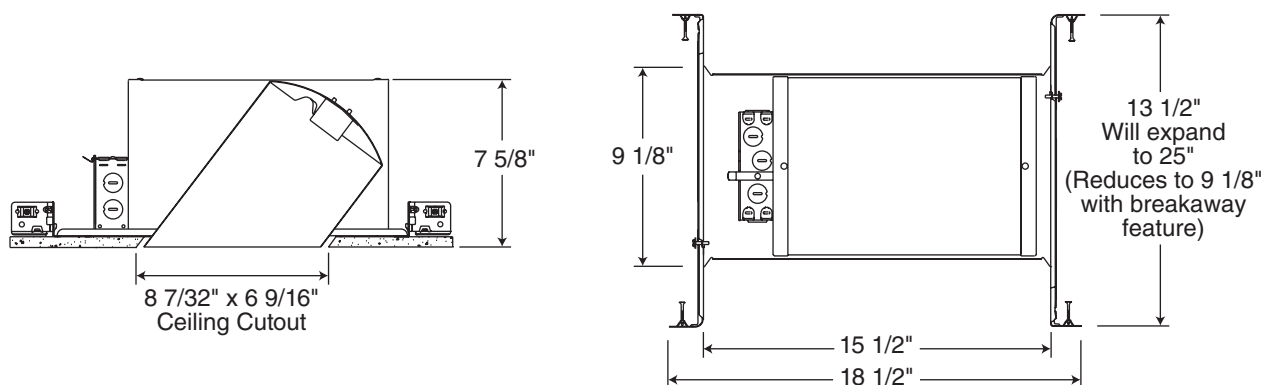
Features

- 6" Super slope housing (oval)
- Oblique angle housing design holds trims flush with the ceiling
- Adjustable socket plate permits lamp to remain perpendicular to floor through entire pitch range
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC928 and TC928 Series

Ordering Information

Catalog No.	Description
IC928	6" Super slope incandescent housing
IC928W	IC928 with push-in electrical connectors for fast, secure installation

Dimensions





Description

Non-IC rated housing for use in 7/12 to 12/12 pitch slopes (30° to 45°) • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing • The Juno Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 603 trim • Conforms with City of Chicago IP requirements

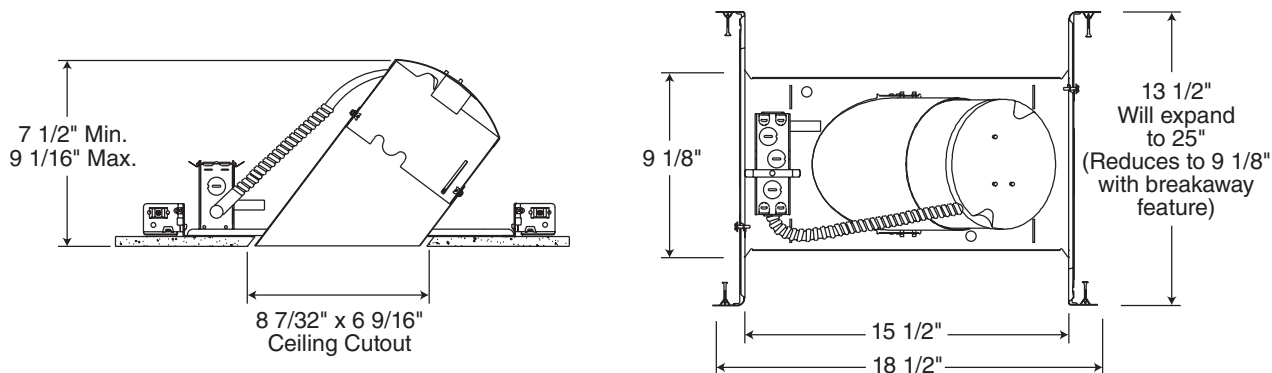
Features

- 6" Super slope housing (oval)
- Oblique angle housing design holds trims flush with the ceiling
- Adjustable socket plate permits lamp to remain perpendicular to floor through entire pitch range
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1 1/8" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Integral T-bar mounting feature for secure installation in suspended ceilings
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Curved foot facilitates alignment with joist bottom
 - Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC928 and TC928 Series

Ordering Information

Catalog No.	Description
TC928	6" Super slope incandescent housing

Dimensions





Description

Non-IC rated remodel housing for use in 7/12 to 12/12 pitch slopes (30° to 45°) where the back side of the ceiling is not accessible • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing • The Juno Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed, cUL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 603 trim • Conforms with City of Chicago IP requirements

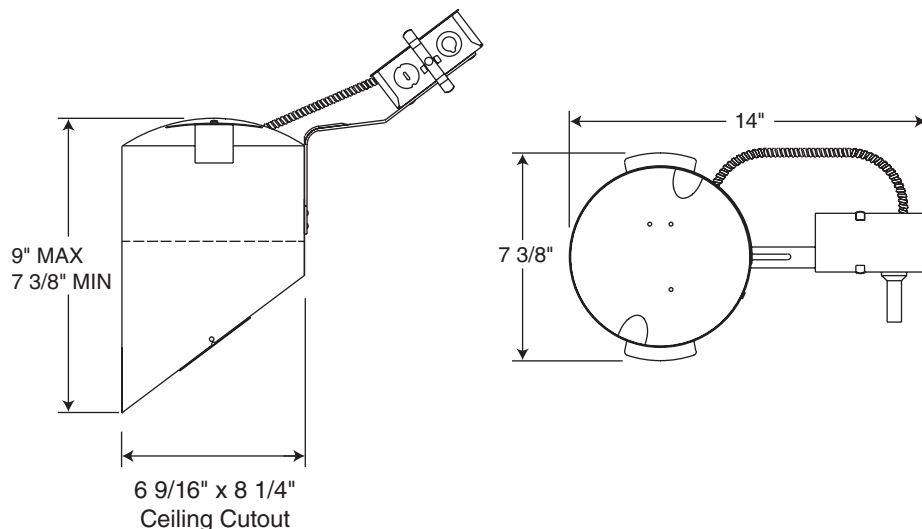
Features

- 6" Super slope remodel housing (oval)
- Oblique angle housing design holds trims flush with the ceiling
- Adjustable socket plate permits lamp to remain perpendicular to floor through entire pitch range
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1 1/8" ceiling thickness
- Housing is secured in place with factory supplied remodel clips
- Telescoping height for use in 2 x 8 or 2 x 10 construction
- Pre-wired junction box with (4) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC928 and TC928 Series

Ordering Information

Catalog No.	Description
TC928R	6" Super slope incandescent remodel housing

Dimensions



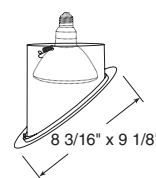
Downlights



Baffle

Catalog #	Description
604W-WH	White Baffle, White Trim
604B-WH	Black Baffle, White Trim
604B-BL	Black Baffle, Black Trim
604B-ABZ	Black Baffle, Classic Aged Bronze Trim
604B-SC	Black Baffle, Satin Chrome Trim

Max. Lamp Rating
IC928: 90W PAR38
TC928: 150W PAR38
Aperture
5 1/2" x 6 7/8"



Cone

Catalog #	Description
602B-WH	Black Alzak®, White Trim
602C-WH	Clear Alzak®, White Trim
602G-WH	Gold Alzak®, White Trim
602HZ-SC	Haze, Satin Chrome Trim
602HZ-WH	Haze, White Trim
602W-WH	White, White Trim
602WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
602WHZ-WH	Wheat Haze, White Trim

Max. Lamp Rating
IC928: 75W PAR30, 90W PAR38, 85W BR30
TC928: 75W PAR30, 150W PAR38, 85W BR30
Aperture
5 3/4" x 7"



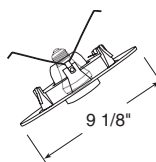
Adjustables



Cylinder Spotlight in Baffle

Catalog #	Description
606W-WH	White Cylinder with White Baffle, White Trim
606B-WH	Black Cylinder with Black Baffle, White Trim

Max. Lamp Rating
60W PAR16



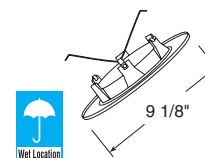
Lensed



Lensed Flat Diffuser

Catalog #	Description
603W-WH	White Trim
603B-WH	White Trim

Max. Lamp Rating
IC928: 50W PAR30
TC928: 75W A19, 75W PAR30



UL listed for use
in wet location.

CUTOFF
(VERTICAL ORIENTATION)HOOD
(HORIZONTAL ORIENTATION)LOUVER
(HORIZONTAL ORIENTATION)MARKER
(VERTICAL ORIENTATION)

Description

The LMS Mini LED step light is designed for installation in indoor wall mount applications using standard junction boxes (not supplied) • IC rated for direct contact with insulating materials • Four distinct optics conceal LEDs and provide unique light distribution patterns • Modular design allows fixture to be mounted in horizontal or vertical orientation • Ideal for residential, theatrical, or commercial applications • Designed to provide 50,000 hours of life

Listings

UL and cUL Listed for damp locations • RoHS compliant

Features

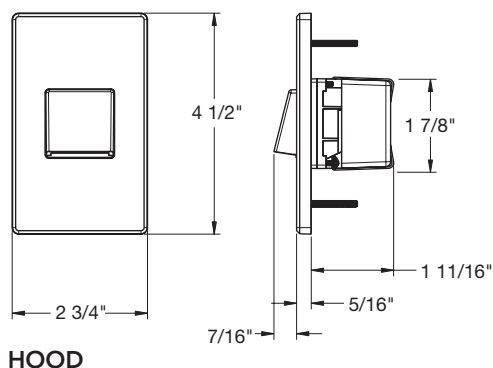
- Miniature LED indoor step light
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Die cast aluminum construction designed for use in IC and Non-IC application
- 3000K and 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- Modular design allows fixture to be mounted in horizontal or vertical orientation
- Available in hood, cutoff, louver, and marker optics to conceal LEDs, and provide four unique light distribution patterns
- Available in plated satin nickel or bronze and textured black or white finishes
- Designed to mount directly in standard junction boxes: 2" x 4" (2 1/8" minimum depth) or 4" x 4" (1 1/2" minimum depth) fitted with a single-gang plaster ring 5/8" minimum depth
- Utilizes two 1-watt high lumen LEDs
- UL Listed for indoor damp locations and through-branch wiring, maximum 4 No. 12 AWG 75° C through branch circuit conductors for 2 x 4 junction box or maximum 8 No. 12 AWG 75° C through branch circuit conductors for 4 x 4 junction box
- Accommodates an input voltage of 120 VAC at 60Hz
- Driver is dimmable with the use of Juno qualified 120V electronic low voltage dimmers

Ordering Information

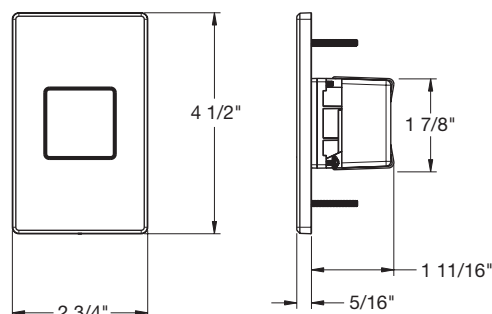
Example: LMS-3K-L-WH

Catalog No.	Color Temp.	Optic	Finishes
LMS	3K 3000K 41K 4100K	C Cutoff L Louver H Hood M Marker	BL Black, Textured WH White, Textured SN Satin Nickel, Plated BZ Bronze, Plated

Dimensions



HOOD



MARKER, LOUVER, CUTOFF

Note:
Vertical orientation
shown. All fixtures
can be mounted in
vertical or horizontal
orientation.



Night Lights/Step Lights | LMSW

LED Outdoor/Wet Location Mini Step Light IC Rated

IP65



Description

The LMSW Mini LED step light is designed for installation in outdoor or indoor wall mount applications using standard junction boxes (not supplied) • IC rated for direct contact with insulating materials • Four distinct optics conceal LEDs and provide unique light distribution patterns • Modular design allows fixture to be mounted in horizontal or vertical orientation • Ideal for residential or commercial applications • Designed to provide 50,000 hours of life

Listings

UL and cUL Listed for wet locations • IP65 rated • RoHS compliant

Features

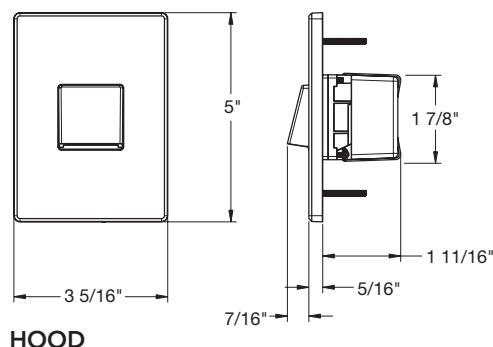
- Miniature LED outdoor step light
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Die cast aluminum construction designed for use in IC and Non-IC application
- 3000K and 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- Modular design allows fixture to be mounted in horizontal or vertical orientation
- Available in hood, cutoff, louver, and marker optics to conceal LEDs, and provide four unique light distribution patterns
- Available in corrosion resistant textured black, white, silver and bronze paint
- Designed to mount directly in standard junction boxes: 2" x 4" (2 1/8" minimum depth) or 4" x 4" (1 1/2" minimum depth) fitted with a single-gang plaster ring 5/8" minimum depth
- Utilizes two 1-watt high lumen LEDs
- UL Listed for wet locations and through-branch wiring, maximum 4 No. 12 AWG 75° C through branch circuit conductors for 2 x 4 junction box or maximum 8 No. 12 AWG 75° C through branch circuit conductors for 4 x 4 junction box
- Accommodates an input voltage of 120 VAC at 60Hz
- Driver is dimmable with the use of Juno qualified 120V electronic low voltage dimmers

Ordering Information

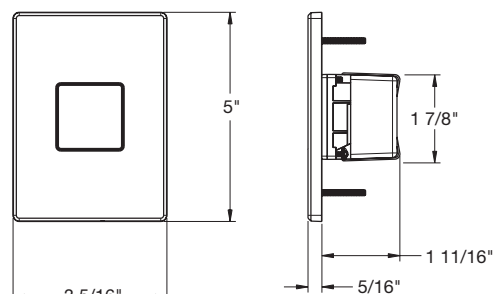
Example: LMSW-3K-L-WH

Catalog No.	Color Temp.	Optic	Finishes
LMSW	3K 3000K 41K 4100K	C Cutoff L Louver H Hood M Marker	BL Black, Textured WH White, Textured SR Silver, Textured BZ Bronze, Textured

Dimensions



HOOD



MARKER, LOUVER, CUTOFF

Note:
Vertical orientation shown. All fixtures can be mounted in vertical or horizontal orientation.



Night Lights/Step Lights | IC115LED

LED Outdoor Rated Step Light & Trims IC Rated



Description

LED step light is rated for use in outdoor or indoor wall mount applications including concrete pour, brick masonry or drywall

- Recessed housing is IC rated and can be completely covered with insulation
- Back housing ships separately from power module for rough-in purposes
- Designed to provide 50,000 hours of life and is compatible with standard trims

Listings

UL and cUL Listed for wet locations and concrete pour approved • RoHS compliant

Features

- **Housing:** Die cast aluminum housing gasketed for wet location
 - Housing ships separate from power module for rough-in purposes. Cover plate provided to protect housing during installation
 - Two mounting brackets for nailing housing to studs
 - Housing provided with (2) 1/2" conduit compression fittings
- **Power Module:** LED light engine and driver mounted directly to metal tray assembly for ease of wiring and installation into housing after rough-in
 - Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
 - Consumes 6W nominal
 - Non-dimming driver accommodates input voltage of 120 volts AC at 50/60Hz
 - High lumen output LEDs binned to ENERGY STAR® standards
 - 3000K or 4100K color temperatures available
 - Rated 50,000 hours at 70% lumen maintenance
- **Trims:** Cast aluminum trims supplied with a polycarbonate, opal diffuser
 - Trims fasten to housing with two allen-head screws
 - Trim selection shown below

Ordering Information

Order housing, power module and trim separately



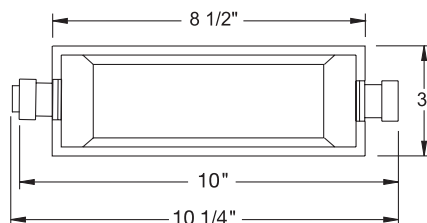
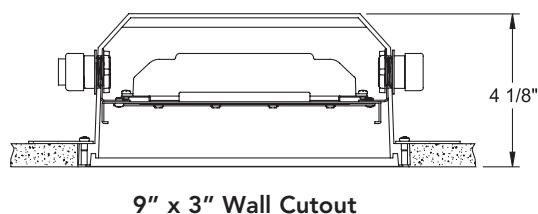
IC115LEDHSG
Housing



IC115LEDPM
Power Module

Catalog No.	Description
IC115LEDHSG	Back housing
IC115LEDPM-3K	3000K LED color temperature
IC115LEDPM-41K	4100K LED color temperature

Dimensions

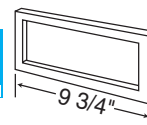


Trims

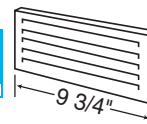


Opal Lens

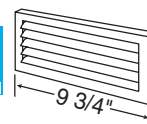
Catalog #	Description	Trim Size:	Wet Location	Diagram
835-BL 835-WH	Black White	9 3/4" L x 3 5/8" H		
836-BL 836-WH	Black White	9 3/4" L x 3 5/8" H		
837-BL 837-WH	Black White	9 3/4" L x 3 5/8" H		



Opal Lens with Grill



Opal Lens with
Angled Louvers





Night Lights/Step Lights | 838LED

LED Outdoor Performance Step Light IC Rated

IP65



Description

Performance LED step light is rated for use in outdoor or indoor wall mount applications including concrete pour, brick masonry or drywall • May be used as LED retrofit for existing Juno PL115 outdoor rated step lights installed in application • Recessed housing is IC rated and can be completely covered with insulation • Back housing ships separately from power module trim for rough-in purposes • Designed to provide 50,000 hours of life

Listings

UL and cUL Listed for wet locations and concrete pour approved • RoHS compliant • UL Listed as LED conversion retrofit for Juno PL115 outdoor rated step light • IP65 rated

Features

- **Housing:** Die cast aluminum housing gasketed for wet location provides IP65 rating • Housing ships separate from power module trim for rough-in purposes. Cover plate provided to protect housing during installation • Two mounting brackets for nailing housing to studs • Housing provided with (2) 1/2" conduit compression fittings
- **Power Module Trim:** LED light engine and driver mounted directly to trim assembly for ease of wiring and installation into housing after rough-in • No harmful ultraviolet or infrared wavelengths • No lead or mercury
- Consumes 13W nominal • Environmentally friendly, energy efficient
- **LED Light Engine:** LED PCB utilizes 1 watt high lumen output LEDs binned to ENERGY STAR® standards • 3000K or 4100K color temperatures available
- **LED Driver:** Non-dimming driver accommodates input voltage of 120 volts AC at 50/60Hz • Thermally protected and has integral overload and short circuit protection
- **Trim:** Matte textured diffuser supplied • Fasten to housing with two allen-head screws • Available in textured white, black, bronze or silver corrosion resistant paint on cast aluminum
- **Life:** Rated 50,000 hours at 70% lumen maintenance

Ordering Information

Order housing and power module trim separately



IC115LEDHSG
Housing



838LED-13
Power Module
Trim 13W

Catalog No.

Description

IC115LEDHSG

Back housing

838LED-13-3K-BL

3000K LED color temperature, textured, black trim

838LED-13-3K-BZ

3000K LED color temperature, textured, bronze trim

838LED-13-3K-SR

3000K LED color temperature, textured, silver trim

838LED-13-3K-WH

3000K LED color temperature, textured, white trim

838LED-13-41K-BL

4100K LED color temperature, textured, black trim

838LED-13-41K-BZ

4100K LED color temperature, textured, bronze trim

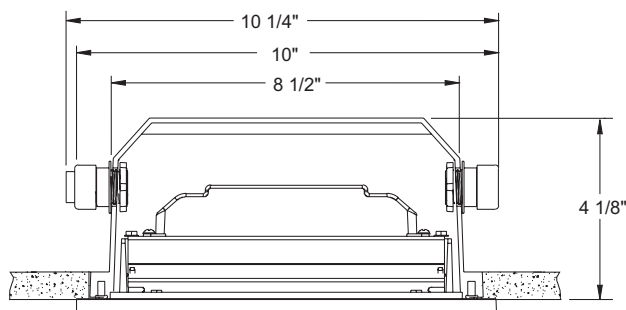
838LED-13-41K-SR

4100K LED color temperature, textured, silver trim

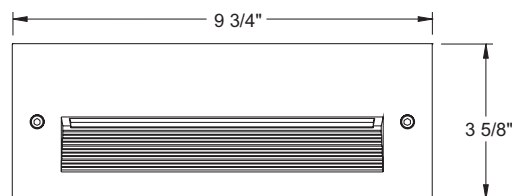
838LED-13-41K-WH

4100K LED color temperature, textured, white trim

Dimensions



9" x 3" Wall Cutout





Night Lights/Step Lights | IC113LED

LED Indoor Step/Night Light & Trims IC Rated



Description

LED step light is rated for use in indoor wall mount or ceiling mount applications • Recessed housing is IC rated and can be completely covered with insulation • Designed to provide 50,000 hours of life and is compatible with standard trims

Listings

UL and cUL Listed for damp locations • Union made
• RoHS compliant

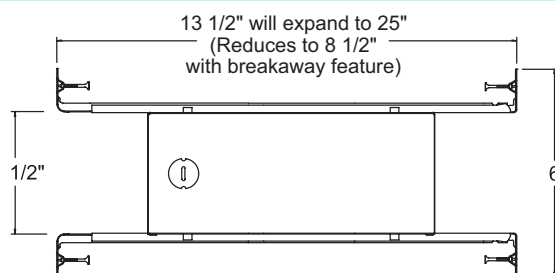
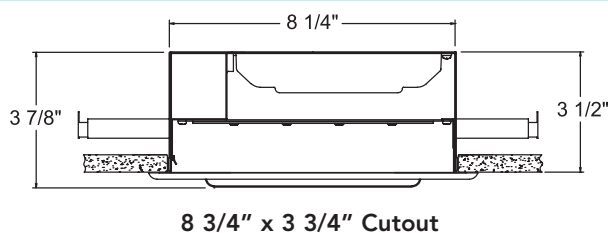
Features

- LED step light ships complete with LED light engine and driver
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Consumes 6W nominal
- Non-dimming driver accommodates input voltage of 120 volts AC at 50/60HZ
- LED PCB mounted to removable tray for easy access to LED driver and junction box
- Utilizes high output LEDs binned to ENERGY STAR® standards
- 3000K and 4100K color temperatures available
- Rated 50,000 hours at 70% lumen maintenance
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Breakaway bars for tight joist spacing
- Oversized set screw locks fixture into position
- Integral junction box with (3) 1/2" pryout knockouts and ground wire • UL and cUL Listed for No. 12 AWG daisy chain circuit connectors suitable for 90° C permitted in wiring compartment
- Secure trim retention with torsion springs
- Trim selection shown below

Ordering Information

Catalog No.	Description
IC113LED-3K	3000K LED color temperature
IC113LED-41K	4100K LED color temperature

Dimensions



Trims

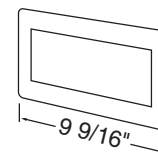


Diffuse Lensed Trim

Catalog #
104-WH

Description
Diffuse Glass Lens, White Trim

Trim Size:
9 9/16" L x 4 7/8" H

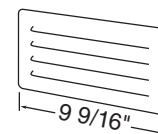


Louver Trim

Catalog #
840-WH

Description
Angled Louvers, White Trim

Trim Size
9 9/16" L x 4 7/8" H





Description

IC Rated Step Light/Night Light housing for compact fluorescent lamp • For use indoors in insulated and non-insulated areas

Listings

UL and cUL Listed for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

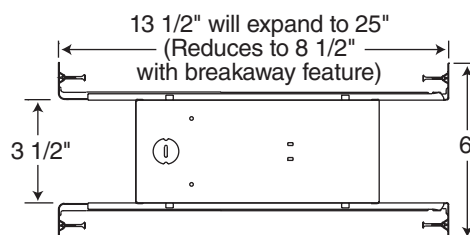
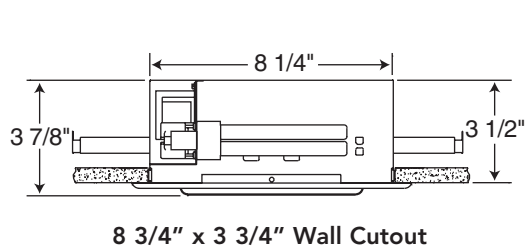
Features

- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Breakaway bars for tight joist spacing
 - Bar hangers may be repositioned 90°
 - Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (3) 1/2" pryout knockouts and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- 120V NPF magnetic ballast
- Secure trim retention with torsion springs
- One 7W or 9W twin tube CFL lamp mounted horizontally in fixture
- Trim selection shown below

Ordering Information

Catalog No.	Description
ICPL813	CFL step light/night light housing

Dimensions



Trims

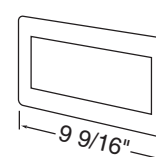


Diffuse Lensed Trim

Catalog #
104-WH

Description
Diffuse Glass Lens, White Trim

Max. Lamp Rating
7W/9W CFL
Trim Size:
9 9/16" L x 4 7/8" H

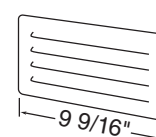


Louvered Trim

Catalog #
840-WH

Description
Angled Louvers, White Trim

Max. Lamp Rating
7W/9W 2-pin CFL
Trim Size:
9 9/16" L x 4 7/8" H





Description

Non IC Step Light housing for compact fluorescent lamp • For use in concrete pour wet locations or non-insulated areas

Listings

UL Listed for wet locations and concrete pour approved
• UL and cUL Listed for through-branch wiring and damp locations

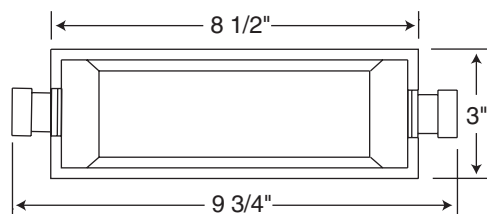
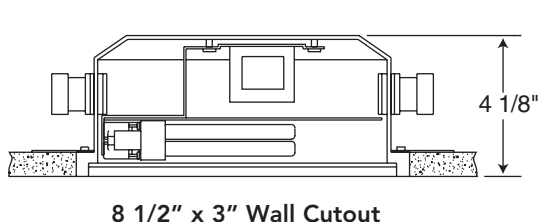
Features

- Die cast aluminum housing gasketed for wet location
- Two mounting brackets for nailing housing to studs
- Junction box with (2) 1/2" compression conduit connections and ground wire
- 120V NPF magnetic ballast
- Cast aluminum trims supplied with a polycarbonate, opal diffuser
- Trims fasten to housing with two allen-head screws
- One 7W or 9W twin tube CFL lamp mounted horizontally in fixture
- Trim selection shown below

Ordering Information

Catalog No.	Description
PL115	CFL step light housing

Dimensions



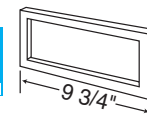
Trims



Opal Lens

Catalog #	Description
835-BL	Black
835-WH	White

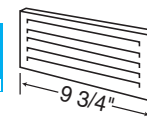
Max. Lamp Rating
7W/9W 2-pin CFL
Trim Size:
9 3/4" L x 3 5/8" H



Opal Lens with Grill

Catalog #	Description
836-BL	Black
836-WH	White

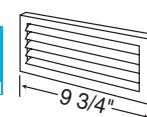
Max. Lamp Rating
7W/9W 2-pin CFL
Trim Size:
9 3/4" L x 3 5/8" H



Opal Lens with Angled Louvers

Catalog #	Description
837-BL	Black
837-WH	White

Max. Lamp Rating
7W/9W 2-pin CFL
Trim Size:
9 3/4" L x 3 5/8" H



UL listed for use in wet location.



Description

IC Rated Step Light/Night Light housing for incandescent lamp • For use indoors in insulated and non-insulated areas

Listings

UL and cUL Listed for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

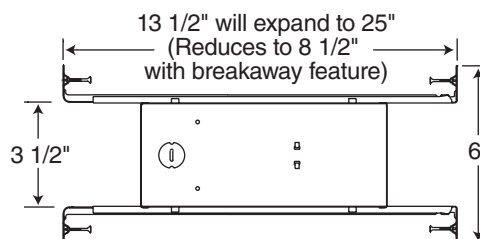
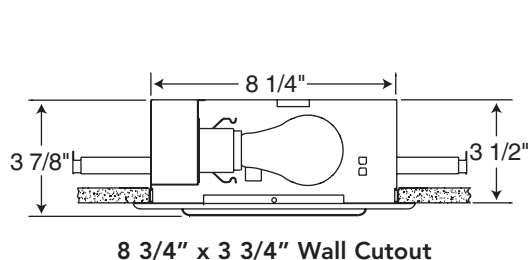
Features

- Medium base porcelain socket with nickel-plated copper screw shell
- Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
 - Breakaway bars for tight joist spacing
 - Oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (3) 1/2" pryout knockouts and ground wire
- UL Listed, cUL/CSA certified for No. 12 AWG daisy chain circuit connectors suitable for 90°C permitted in wiring compartment
- Thermally protected against improper use of lamps
- Secure trim retention with torsion springs
- Trim selection and A19 wattages shown below

Ordering Information

Catalog No.	Description
ICTC113	Incandescent step light/night light housing

Dimensions



Trims



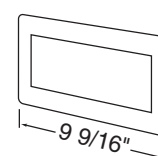
Diffuse Lensed Trim

Catalog #
104-WH

Description
Diffuse Glass Lens, White Trim

Max. Lamp Rating

TC: 40W A19
IC: 25W A19
Trim Size:
9 9/16" L x 4 7/8" H



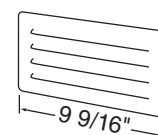
Louver Trim

Catalog #
840-WH

Description
Angled Louvers, White Trim

Max. Lamp Rating

TC: 40W A19
IC: 25W A19
Trim Size
9 9/16" L x 4 7/8" H





Description

IC rated, double wall 8" square housing • Can be completely covered with insulation

Features

- 8" Square housing
- Accommodates up to 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers
- Fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- One 60W A19, horizontally mounted

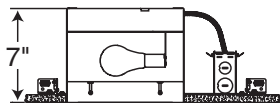
Listings

UL and cUL Listed for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

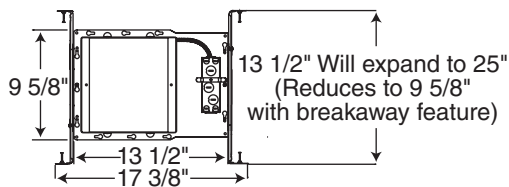
Ordering Information

Catalog No.	Description
IC6	8" Incandescent square housing

Dimensions



8 5/8" sq. Ceiling Cutout



Description

Non-IC rated, 8" square housing • For use in non-insulated areas, or where insulation is spaced at least 3" from housing

Features

- 8" Square housing
- Accommodates up to 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers
- Fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)

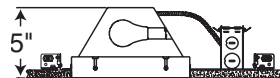
Listings

UL and cUL Listed for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

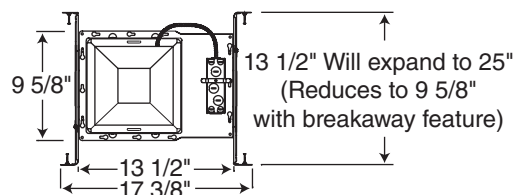
Ordering Information

Catalog No.	Description
TC6	8" Incandescent square housing

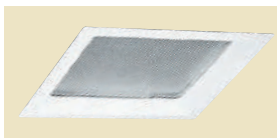
Dimensions



8 5/8" sq. Ceiling Cutout



Trim

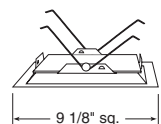


Crystal Diffuser

Catalog #
60-WH

Description
White Trim

Max. Lamp Rating
IC: 60W A19
TC: 100W A19





Description

IC rated, double wall 10" square housing • Can be completely covered with insulation

Features

- 10" Square housing
- Accommodates up to 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers
- Fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)

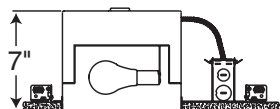
Listings

UL and cUL Listed for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

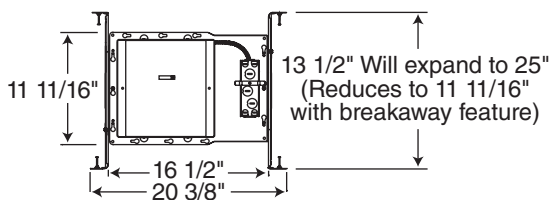
Ordering Information

Catalog No.	Description
IC7	10" Incandescent square housing

Dimensions



10 5/8" sq. Ceiling Cutout



Description

Non-IC rated, 10" square housing • For use in non-insulated areas, or where insulation is spaced at least 3" from housing

Features

- 10" Square housing
- Accommodates up to 1" ceiling thickness
- Patented (US Patent D552,969) Real Nail® 3 bar hangers
- Fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, cUL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)

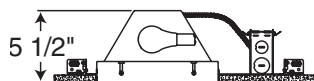
Listings

UL and cUL Listed for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

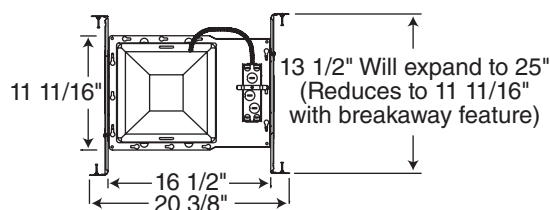
Ordering Information

Catalog No.	Description
TC7	10" Incandescent square housing

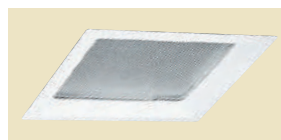
Dimensions



10 5/8" sq. Ceiling Cutout



Trims



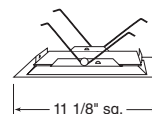
Crystal Diffuser

Catalog #
70-WH

Description
White Trim

Max. Lamp Rating

IC7: 100W A19
TC7: 100W A19/150W A21



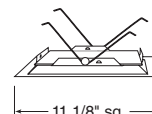
Drop Opal

Catalog #
71-WH

Description
White Trim

Max. Lamp Rating

IC7: 100W A19
TC7: 100W A19/150W A21





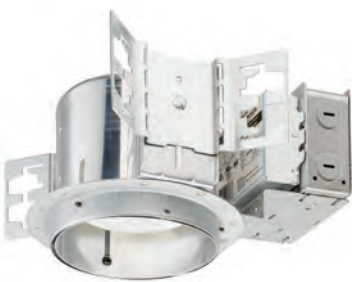
Culver's Company Headquarters, Prairie du Sac, Wisconsin; Gary Bartholomew Photography



Down-Lites | TC920LEDG4

5" LED Downlight Housing Non-IC Rated

900 Lumen



Description

Non-IC dedicated LED new construction housing with integral light engine • TC housing designed to be installed in non-insulated areas where insulation is spaced at least 3" from all sides of the housing and junction box • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations

• UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified when used with select trims

Features

- 5" Commercial LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens using 18W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high-transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (>70° typical) provided as standard
- Universal voltage driver that accommodates input voltage from 120-277 volts AC at 50/60Hz is standard and is dimmable with the use of most 0-10V dimmers
- Optional Lutron Hi-Lume® A-Series driver accommodates 120-277 volts AC at 50/60Hz
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Butterfly style mounting brackets accommodate 1/2" conduit or C-channel, linear flat bars and patented (US Patent D552,969) Real Nail® 3 bar hangers
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 AWG 90° C branch circuit conductors (4 in, 4 out)
- Trim selection follows TC920LEDG4, TC1420LED4 and TC2020LED4 Series

*Nominal input wattage at 120 volt operation with standard universal voltage driver under stable operating conditions

Ordering Information Example: TC920LEDG4-27K-UBR

Catalog No.	Color Temp.	Input Voltage	Input Voltage
TC920LEDG4	27K 2700K	U Universal Voltage, 120-277V (0-10V dimming)	BR Emergency Battery, Back-up w/ Remote Switch
	3K 3000K		
	35K 3500K		
	41K 4100K	L Lutron Hi-Lume 3-wire Dimming Ecosystem® Compatible	CP Chicago Plenum

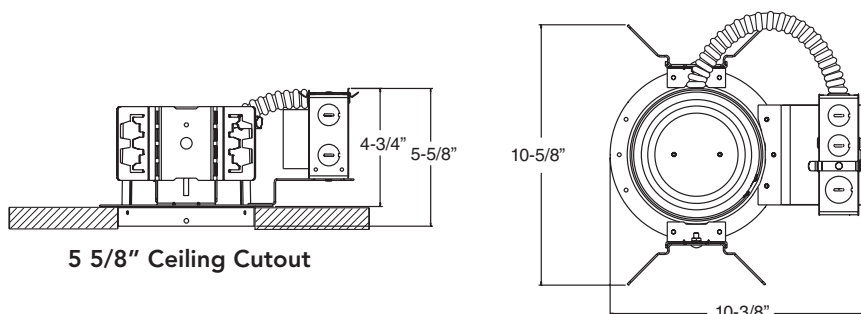
Accessories

Catalog No.	Description
HB-1	Adjustable 13 1/2" - 25" Real Nail® 3 Bar Hangers (Set of 2)
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions

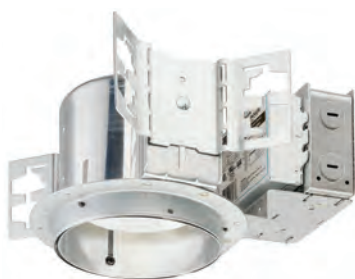




Down-Lites | TC1420LED4

5" LED Downlight Housing Non-IC Rated

1400 Lumen



Description

Non-IC dedicated LED new construction housing with integral light engine • TC housing designed to be installed in non-insulated areas where insulation is spaced at least 3" from all sides of the housing and junction box • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations

• UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified when used with select trims

Features

- 5" Commercial LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 1400 lumens using 20W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high-transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (>70° typical) provided as standard
- Universal voltage driver that accommodates input voltage from 120-277 volts AC at 50/60Hz is standard and is dimmable with the use of most 0-10V dimmers
- Optional Lutron Hi-Lume® A-Series driver accommodates 120-277 volts AC at 50/60Hz
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Butterfly style mounting brackets accommodate 1/2" conduit or C-channel, linear flat bars and patented (US Patent D552,969) Real Nail® 3 bar hangers
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 AWG 90° C branch circuit conductors (4 in, 4 out)
- Trim selection follows TC920LEDG4, TC1420LED4 and TC2020LED4 Series

*Nominal input wattage at 120 volt operation with standard universal voltage driver under stable operating conditions

Ordering Information Example: TC1420LED4-27K-UBR

Catalog No.	Color Temp.	Input Voltage	Input Voltage
TC1420LED4	27K 2700K	U Universal Voltage, 120-277V (0-10V dimming)	BR Emergency Battery, Back-up w/ Remote Switch
	3K 3000K		
	35K 3500K		
	41K 4100K	L Lutron Hi-Lume Dimmable Driver	CP Chicago Plenum

Chicago Plenum is not available with emergency option

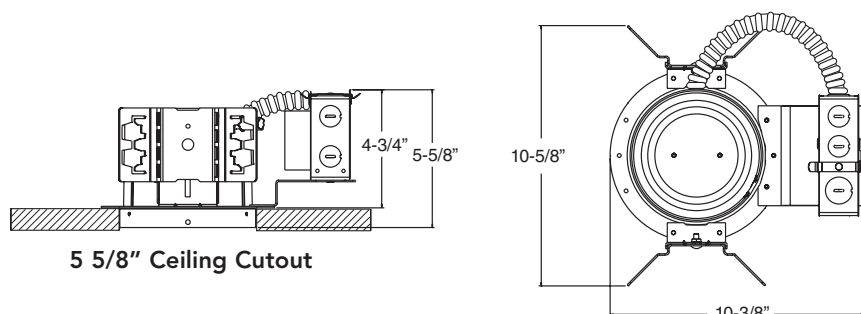
Accessories

Catalog No.	Description
HB-1	Adjustable 13 1/2" - 25" Real Nail® 3 Bar Hangers (Set of 2)
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions





Down-Lites | TC2020LED4

5" LED Downlight Housing Non-IC Rated

2000 Lumen



Description

Non-IC dedicated LED new construction housing with integral light engine • TC housing designed to be installed in non-insulated areas where insulation is spaced at least 3" from all sides of the housing and junction box • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified when used with select trims

Features

- 5" Commercial LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 2000 lumens using 26W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high-transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (>70° typical) provided as standard
- Universal voltage driver that accommodates input voltage from 120-277 volts AC at 50/60Hz is standard and is dimmable with the use of most 0-10V dimmers
- Optional Lutron Hi-Lume® A-Series driver accommodates 120-277 volts AC at 50/60Hz
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Butterfly style mounting brackets accommodate 1/2" conduit or C-channel, linear flat bars and patented (US Patent D552,969) Real Nail® 3 bar hangers
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 AWG 90° C branch circuit conductors (4 in, 4 out)
- Trim selection follows TC920LEDG4, TC1420LED4 and TC2020LED4 Series

*Nominal input wattage at 120 volt operation with standard universal voltage driver under stable operating conditions

Ordering Information Example: TC2020LED4-27K-UBR

Catalog No.	Color Temp.	Input Voltage	Input Voltage
TC2020LED4	27K 2700K	U Universal Voltage, 120-277V (0-10V dimming)	BR Emergency Battery, Back-up w/ Remote Switch
	3K 3000K		
	35K 3500K		
	41K 4100K		CP Chicago Plenum

Chicago Plenum is not available with emergency option

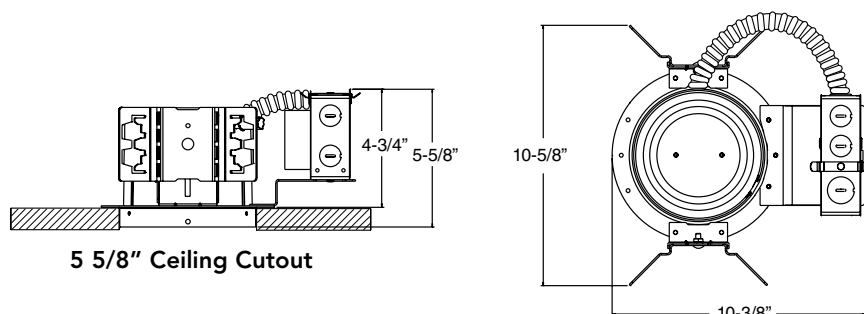
Accessories

Catalog No.	Description
HB-1	Adjustable 13 1/2" - 25" Real Nail® 3 Bar Hangers (Set of 2)
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



Downlights

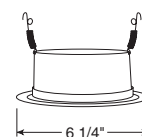


Downlight Cone

Catalog #	Description
204C-WH	Clear Alzak®, White Trim
204G-WH	Gold Alzak®, White Trim
204B-WH	Black Alzak®, White Trim
204PT-SC	Pewter Alzak®, Satin Chrome Trim
204W-WH	Gloss White, White Trim
204HZ-WH	Haze, White Trim
204WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
204WHZ-WH	Wheat Haze, White Trim

Compatible with TR5, 5" trim ring

Aperture
4 3/8"

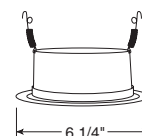


Downlight Baffle

Catalog #	Description
205W-WH	White Baffle, White Trim
205B-WH	Black Baffle, White Trim
205B-ABZ	Black Baffle, Classic Aged Bronze Trim
205B-SC	Black Baffle, Satin Chrome Trim

Compatible with TR5, 5" trim ring

Aperture
4 3/8"



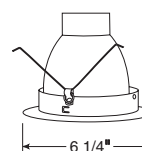
Lensed



Flat Glass Shower Trim*

Catalog #	Description
210N-ABZ	Classic Aged Bronze Trim
210N-SC	Satin Chrome Trim
210N-WH	White Trim

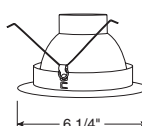
* Do not use reflector shipped with trim for LED housing
Recycle reflector



Frosted Lens with Clear Center*

Catalog #	Description
212N-ABZ	Perimeter Frosted Lens, Classic Aged Bronze Trim
212N-SC	Perimeter Frosted Lens, Satin Chrome Trim
212N-WH	Perimeter Frosted Lens, White Trim

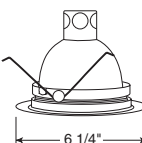
* Do not use reflector shipped with trim for LED housing
Recycle reflector



Baffle, Regressed Frosted Dome Lens*

Catalog #	Description
2130W-WH	White Baffle, White Trim
2130B-WH	Black Baffle, White Trim

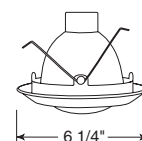
* Do not use reflector shipped with trim for LED housing
Recycle reflector



Beveled Frame, Frosted Dome Lens*

Catalog #	Description
5101-ABZ	Classic Aged Bronze Trim
5101-SC	Satin Chrome Trim
5101-WH	White Trim

* Do not use reflector shipped with trim for LED housing
Recycle reflector



ENERGY STAR®
Qualified



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.

ENERGY STAR® qualification is dependent on trim finish and LED color temperature. See housing spec sheet on www.junolightinggroup.com for specific information for each trim.



Down-Lites | Trims for TC920LEDG4, TC1420LED4 & TC2020LED4

Hyperbolic



Cone

Catalog

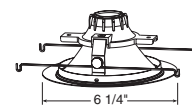
204HYP3-C-WH
204HYP3-B-WH
204HYP3-W-WH
204HYP3-HZ-WH
204HYP3-WHZ-WH
204HYP3-WHZ-ABZ

Description

Clear Alzak®, White Trim
Black Alzak®, White Trim
White, White Trim
Haze, White Trim
Wheat Haze, White Trim
Wheat Haze, Classic Aged
Bronze Trim

Aperture

4 1/2"



Wall Wash



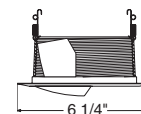
Scoop

Catalog

213G3W-WH
213G3B-WH

Description

White Baffle, White Trim
Black Baffle, White Trim



ENERGY STAR®
Qualified

ENERGY STAR® qualification is dependent on trim finish and LED color temperature. See housing spec sheet on www.junolightinggroup.com for specific information for each trim.





Down-Lites | TC922LEDG4

6" LED Downlight Housing Non-IC Rated

900 Lumen



Description

Non-IC dedicated LED new construction housing with integral light engine • TC housing designed to be installed in non-insulated areas where insulation is spaced at least 3" from all sides of the housing and junction box • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations

- UL and cUL • RoHS compliant • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims
- ENERGY STAR® Qualified when used with select trims

Features

- 6" Commercial LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 900 lumens using 18W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high-transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (>70° typical) provided as standard
- Universal voltage driver that accommodates input voltage from 120-277 volts AC at 50/60Hz is standard and is dimmable with the use of most 0-10V dimmers
- Optional Lutron Hi-Lume® A-Series driver accommodates 120-277 volts AC at 50/60Hz
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Butterfly style mounting brackets accommodate 1/2" conduit or C-channel, linear flat bars and patented (US Patent D552,969) Real Nail® 3 bar hangers
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 AWG 90° C branch circuit conductors (4 in, 4 out)
- Trim selection follows TC922LEDG4, TC1422LED4 and TC2022LED4 Series

*Nominal input wattage at 120 volt operation with standard universal voltage driver under stable operating conditions

Ordering Information Example: TC922LEDG4-27K-UBR

Catalog No.	Color Temp.	Input Voltage	Input Voltage
TC922LEDG4	27K 2700K	U Universal Voltage, 120-277V (0-10V dimming)	BR Emergency Battery, Back-up w/ Remote Switch
	3K 3000K		
	35K 3500K		
	41K 4100K	L Lutron Hi-Lume 3-wire Dimming Ecosystem® Compatible	CP Chicago Plenum

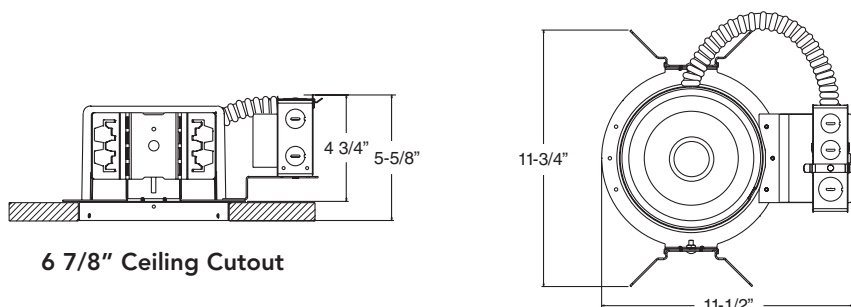
Accessories

Catalog No.	Description
HB-1	Adjustable 13 1/2" - 25" Real Nail® 3 Bar Hangers (Set of 2)
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions

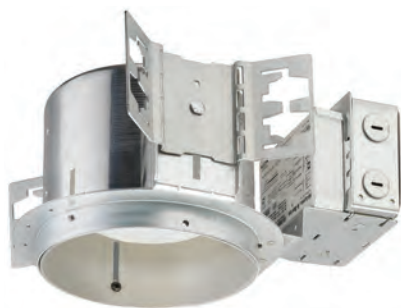




Down-Lites | TC1422LED4

6" LED Downlight Housing Non-IC Rated

1400 Lumen



Description

Non-IC dedicated LED new construction housing with integral light engine • TC housing designed to be installed in non-insulated areas where insulation is spaced at least 3" from all sides of the housing and junction box • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations

- UL and cUL • RoHS compliant • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims
- ENERGY STAR® Qualified when used with select trims

Features

- 6" Commercial LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 1400 lumens using 20W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high-transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (>70° typical) provided as standard
- Universal voltage driver that accommodates input voltage from 120-277 volts AC at 50/60Hz is standard and is dimmable with the use of most 0-10V dimmers
- Optional Lutron Hi-Lume® A-Series driver accommodates 120-277 volts AC at 50/60Hz
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Butterfly style mounting brackets accommodate 1/2" conduit or C-channel, linear flat bars and patented (US Patent D552,969) Real Nail® 3 bar hangers
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 AWG 90° C branch circuit conductors (4 in, 4 out)
- Trim selection follows TC922LEDG4, TC1422LED4 and TC2022LED4 Series

*Nominal input wattage at 120 volt operation with standard universal voltage driver under stable operating conditions

Ordering Information Example: TC1422LED4-27K-UBR

Catalog No.	Color Temp.	Input Voltage	Input Voltage
TC1422LED4	27K 2700K	U Universal Voltage, 120-277V	BR Emergency Battery, Back-up w/ Remote Switch
	3K 3000K		
	35K 3500K	(0-10V dimming)	
	41K 4100K	L Lutron Hi-Lume Dimmable Driver	CP Chicago Plenum

Chicago Plenum is not available with emergency option

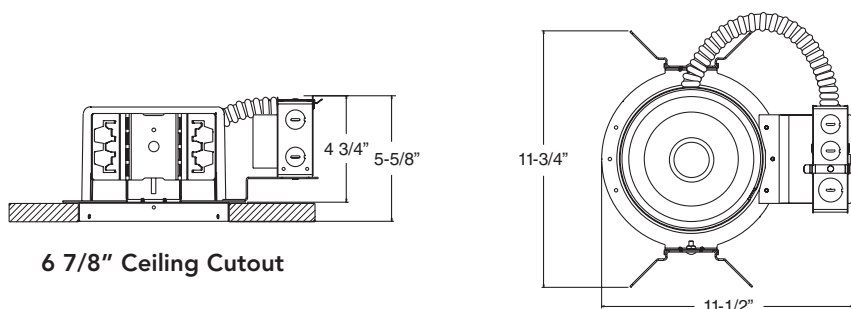
Accessories

Catalog No.	Description
HB-1	Adjustable 13 1/2" - 25" Real Nail® 3 Bar Hangers (Set of 2)
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



Down-Lites | TC2022LED4

6" LED Downlight Housing Non-IC Rated

2000 Lumen



Description

Non-IC dedicated LED new construction housing with integral light engine • TC housing designed to be installed in non-insulated areas where insulation is spaced at least 3" from all sides of the housing and junction box • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL Listed for through-branch wiring, damp and wet locations
 • UL and cUL • RoHS compliant • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims
 • ENERGY STAR® Qualified when used with select trims

Features

- 6" Commercial LED housing
- Environmentally friendly, energy efficient
 - No harmful ultraviolet or infrared wavelengths
 - No lead or mercury
- Over 2000 lumens using 26W*
- 2700K, 3000K, 3500K or 4100K color temperatures available with 90 CRI minimum
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high-transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic (>70° typical) provided as standard
- Universal voltage driver that accommodates input voltage from 120-277 volts AC at 50/60Hz is standard and is dimmable with the use of most 0-10V dimmers
- Optional Lutron Hi-Lume® A-Series driver accommodates 120-277 volts AC at 50/60Hz
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Butterfly style mounting brackets accommodate 1/2" conduit or C-channel, linear flat bars and patented (US Patent D552,969) Real Nail® 3 bar hangers
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts and ground wire
- UL and cUL Listed for through-branch wiring, maximum (8) #12 AWG 90° C branch circuit conductors (4 in, 4 out)
- Trim selection follows TC922LEDG4, TC1422LED4 and TC2022LED4 Series

*Nominal input wattage at 120 volt operation with standard universal voltage driver under stable operating conditions

Ordering Information Example: TC2022LED4-27K-UBR

Catalog No.	Color Temp.	Input Voltage	Input Voltage
TC2022LED4	27K 2700K	U Universal Voltage, 120-277V	BR Emergency Battery, Back-up w/ Remote Switch
	3K 3000K		
	35K 3500K	L Lutron Hi-Lume Dimmable Driver	CP Chicago Plenum
	41K 4100K		

Chicago Plenum is not available with emergency option

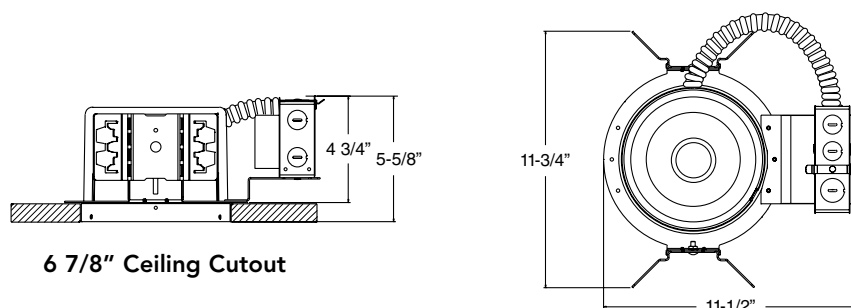
Accessories

Catalog No.	Description
HB-1	Adjustable 13 1/2" - 25" Real Nail® 3 Bar Hangers (Set of 2)
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



Downlights



Tapered Downlight Baffle

Catalog #	Description
24W-WH	White Baffle, White Trim
24B-WH	Black Baffle, White Trim
24B-BL	Black Baffle, Black Trim
24B-ABZ	Black Baffle, Classic Aged Bronze Trim
24B-SC	Black Baffle, Satin Chrome Trim

Compatible with TR6, 6" trim ring

Aperture
5 3/4"



Tapered Downlight Cone

Catalog #	Description
27B-WH	Black Alzak®, White Trim
27C-WH	Clear Alzak®, White Trim
27G-WH	Gold Alzak®, White Trim
27HZ-WH	Haze, White Trim
27PT-SC	Pewter Alzak®, Satin Chrome Trim
27W-WH	Gloss White, White Trim
27WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
27WHZ-WH	Wheat Haze, White Trim

Compatible with TR6, 6" trim ring

Aperture
5 3/4"

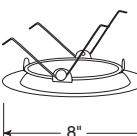


Lensed



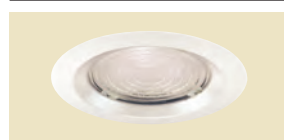
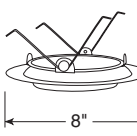
Albalite

Catalog #	Description
20-PW	Shower/Closet Light, Plastic White
20-WH	White Trim



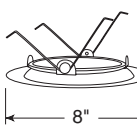
Drop Opal

Catalog #	Description
21-PW	Shower/Closet Light, Plastic White
21-WH	White Trim



Fresnel

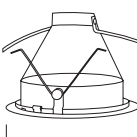
Catalog #	Description
22-WH	White Trim



Frosted Lens*

Catalog #	Description
239-WH	Frosted Lens, White Trim

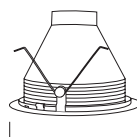
* Do not use reflector shipped with trim for LED housing
Recycle reflector



Baffle, Regressed Frosted Dome Lens*

Catalog #	Description
2330W-WH	White Baffle, White Trim
2330B-WH	Black Baffle, White Trim

* Do not use reflector shipped with trim for LED housing
Recycle reflector



ENERGY STAR®
Qualified



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.

ENERGY STAR® qualification is dependent on trim finish and LED color temperature. See housing spec sheet on www.junolightinggroup.com for specific information for each trim.

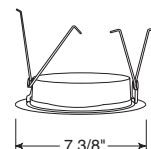
Lensed Cont.



Frosted Lens with Clear Center

Catalog #
242-ABZ
242-SC
242-WH

Description
Classic Aged Bronze Trim
Satin Chrome Trim
White Trim

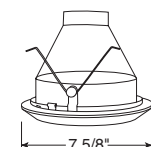


Beveled Frame, Frosted Dome Lens*

Catalog #
6101-ABZ
6101-SC
6101-WH

Description
Classic Aged Bronze Trim
Satin Chrome Trim
White Trim

* Do not use reflector shipped with trim for LED housing
Recycle reflector



Hyperbolic

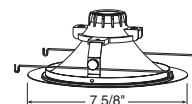


Cone

Catalog #
27HYP3-C-WH
27HYP3-B-WH
27HYP3-W-WH
27HYP3-HZ-WH
27HYP3-WHZ-WH
27HYP3-WHZ-ABZ

Description
Clear Alzak®, White Trim
Black Alzak®, White Trim
White, White Trim
Haze, White Trim
Wheat Haze, White Trim
Wheat Haze, Classic Aged Bronze Trim

Aperture
5 3/4"



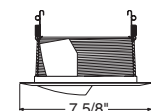
Wall Wash



Scoop

Catalog #
262G3W-WH
262G3B-WH

Description
White Baffle, White Trim
Black Baffle, White Trim



ENERGY STAR®
Qualified



Certified to the high
efficiency requirements
of California T24



Juno IC housings meet IECC Air-Loc®
Code requirements per ASTM E283.
Air-Loc® rated trims are pre-gasketed for
minimum air leakage with IC housings.



UL listed for use
in wet location.

ENERGY STAR® qualification and T24 certification is dependent on trim
finish and LED color temperature. See housing spec sheet on
www.junolightinggroup.com for specific information for each trim.

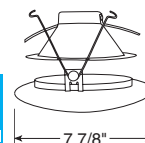
Decorative



Decorative Swirled Etched Opal Glass*

Catalog # 243-WH
Description Opal Glass

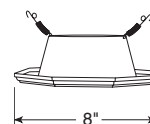
* Do not use reflector shipped with trim for LED housing
Recycle reflector.



Octagonal

Catalog # 9024W-WH
Description White Octagonal with White Baffle, White Trim

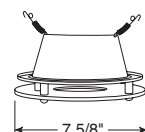
Aperture 5 3/4"



Luminous Disc (Frosted)

Catalog # 9324-SC
Description Satin Chrome Trim

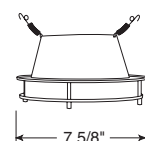
Aperture 3 1/4"



Metal Band

Catalog # 9524-SC
Description Satin Chrome Band, Satin Chrome Trim

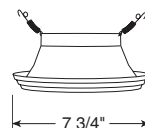
Aperture 5 7/8"



Luminous Collar (Frosted)

Catalog # 9702
Description Clear Etched

Aperture 6 3/8"



Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.



UL listed for use in wet location.



Down-Lites | 6RLC

6" Basics Series™ Commercial LED Retrofit Downlight
Baffle Trim 900 Lumen



Description

Energy efficient LED retrofit module fits into standard 6" Non-IC commercial recessed rough-in sections • Replaces 26W CFL lamp, producing 900 lumens typical at 12.4W • Dimmable with most standard incandescent dimmers and electronic low voltage dimmers • LED retrofit module is designed to provide 36,000 hours of life • 5 year warranty

Listings

UL and cUL classified for use with most standard UL Listed 6" Non-IC commercial rough-in sections • Suitable for wet locations (indoor covered ceilings) and damp location • ENERGY STAR® Qualified

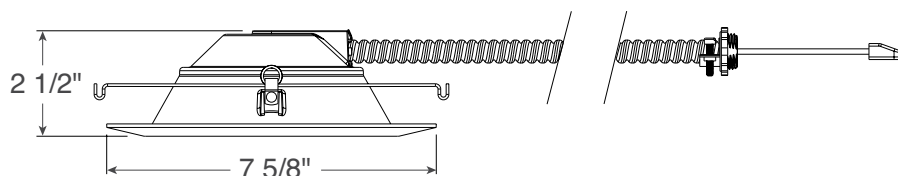
Features

- Installs into existing 6" Non-IC commercial recessed rough-in sections
- 3000K and 3500K color temperatures available with 80 CRI minimum
- Rated for 36,000 hours at 70% lumen maintenance
- All-in-one design where LED light engine mounts directly to trim for ease of installation
- LED array integrated to one piece high purity aluminum, thermally conductive housing provides uninterrupted heat transfer to ensure long life of the LED
- 120 volts operation
- Dimmable with the use of most standard incandescent, magnetic low voltage and electronic low voltage dimmers
- Trim is provided with a patent pending universal mounting bracket allowing for installation in a variety of 6" commercial recessed open frame rough-in sections
 - Retrofit module is compatible with most 6" commercial recessed rough-in sections with a ceiling thickness ranging from 1/2" to 1 1/4". Rough-in section inside diameter compatibility range is from 5 13/16" - 7 1/8"
- Provided with torsion springs
- Trim features quick connect plug installed
- UL and cUL classified for use with 6" Non-IC commercial recessed rough-in

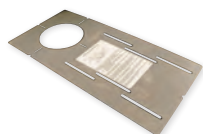
Ordering Information

Catalog No.	Description
6RLC-830-9-WWH	6" LED Retrofit Trim, 900 lumen, 3000K, White Baffle
6RLC-835-9-WWH	6" LED Retrofit Trim, 900 lumen, 3500K, White Baffle

Dimensions



4" Housing Accessories



Catalog #
SMPLT-4

Description

4" Housing Locator
Galvanized steel plate for locating remodel style housings in new construction. Screw/nail holes for full coverage between 16" & 24" joists. Features alignment notches, tape measure retention slots and integrated measurement scale for consistent placement.



Catalog #
GU10-WHIP

Description

GU10 Socket Whip
Medium base to GU10 base flexible socket adapter. For use with IC1 (440, 448 trims), IC1P, TC1, TC1R (10, 440, 445, 446, 448 trims).



Catalog #
4TSA

Description

4" Housing Adapter
Converts original style 4" housings for optimal retention of push-in style trims. For use in IC1, TC1, TC44, IC44N, TC47 original style housings.



Catalog #
T599

Description

1" Socket Extender

5" Housing Accessories



Catalog #
ALG5

Description

Air-Loc® Energy Conserving Gasket for 5" Air-Loc IC housings



Catalog #
ALG5R

Description

Air-Loc® Energy Conserving Gasket Kit for 5" Air-Loc IC Remodel housings



Catalog #
SMPLT-5

Description

5" Housing Locator
Galvanized steel plate for locating remodel style housings in new construction. Screw/nail holes for full coverage between 16" & 24" joists. Features alignment notches, tape measure retention slots and integrated measurement scale for consistent placement.



Catalog #
TR5-ABZ
TR5-BL
TR5-SC
TR5-WH

Description

5" trim ring compatible with 203, 204, 205, 206, 207 trims.
Classic Aged Bronze
Black
Satin Chrome
White

6" Housing Accessories



Catalog #
ALG6

Description

Air-Loc® Energy Conserving Gasket for 6" Air-Loc IC housings



Catalog #
ALG6R

Description

Air-Loc® Energy Conserving Gasket Kit for 6" Air-Loc IC Remodel housings



Catalog #
ALG926

Description

Air-Loc® Energy Conserving Gasket for IC926



Catalog #
ALG928

Description

Air-Loc® Energy Conserving Gasket for IC928



Catalog #

TR6-ABZ
TR6-BL
TR6-SC
TR6-WH

Description

6" trim ring compatible with 24, 25, 26, 27, 244, 247, 254, 257, 264, 267, 9900 trims.
Classic Aged Bronze
Black
Satin Chrome
White



Catalog #
VB-6

Description

Vapour Barrier Extender. For joists spaced 16" on center. For use with Air-Loc® IC housings: IC1, IC1P, IC44N, IC20, IC20R, IC20N, IC25, IC25R, IC20LEDG4 Series, IC2, IC21, IC21R, IC22, IC22R, IC22LEDG4 Series, IC23, IC6, ICPL Series, all slope ceiling housings. For joists spaced 24" on center, compatible with IC1, IC20, IC20R, IC20RLEDG4, IC20N, IC21, IC21R, IC22, IC22R, IC22RLEDG4, IC23, IC25, IC25R, ICPL remodel housings.



Catalog #
VB-6L

Description

Large Vapour Barrier Extender. For joists spaced 24" on center. For use with Air-Loc® IC housings: IC1, IC1P, IC2, IC20, IC20R, IC20LEDG4 Series, IC20N, IC21, IC21R, IC22, IC22R, IC22LEDG4 Series, IC23, IC25, IC25R, IC44N, IC6, IC7, IC926, IC926LED9G4 Series, IC928, IC928LED9G4 Series, ICPL413E, ICPL413RE, ICPL418E, ICPL418RE, ICPL426E, ICPL513E, ICPL513RE, ICPL518E, ICPL518RE, ICPL526E, ICPL526RE, ICPL613E, ICPL618E, ICPL618RE, ICPL626E, ICPL626RE, ICPL632E, ICPL926-42, ICPL926R-32, ICPL928-42, ICPL928R-32

LED Accessories



Catalog #
LEDOPTICG3-M
LEDOPTICG3-N
LEDOPTICG3-S

Description

LED Optics.
Field installable optic accessory to provide alternate optic packages for 5" and 6" G3 LED downlights and eyeball retrofit trim modules. Not for use with wall wash trims.
Medium Flood Optic – 50° beam
Narrow Flood Optic – 37° beam
Spot Optic – 10° beam

Note: Recommend using only medium with WarmDim



Catalog #
RP-JLEDRETRO-WHIP

Description

LED Retrofit Socket Whip.
Screws into medium-base housings, then quick connects to Juno LED modules for lightning-fast retrofits.

Trim Replacement Glass



Catalog #
G11

Description

4" Drop Opal Glass for trim 11-WH



Catalog #
G20-240

Description

6" Albalite Glass for trims 20, 240 Series



Catalog #
G21-241

Description

6" Drop Opal Glass for trims 21, 241 Series



Catalog #
G60

Description

7" sq. Crystal Diffuser for trim 60-WH



Catalog #
G61

Description

7" sq. Drop Opal Glass for trim 60-WH



Catalog #
G70

Description

9" sq. Crystal Diffuser for trim 70-WH



Catalog #
G71

Description

9" sq. Drop Opal for trim 70-WH

Miscellaneous Parts



Catalog #
G24

Description
1 pair, coil springs



Catalog #
G92

Description
Goof plate for all 6 5/8" dia. trims
Compatible with trims 224, 226, 230, 248, 249, 427, 458,
464, 467, 610, 616, 617, 619, 6330, 20, 21, 22, 220, 228,
229, 240, 241



Catalog #
G93

Description
Oversize trim ring for 7 5/8" dia. trims
Compatible with trims 244, 247, 24, 254, 257, 25, 264,
267, 26, 27, 424, 9900, 625, 626, 696, 697, 698



Catalog #
G94

Description
Remodel clips-use w/remodel housings only
(Certain housings only)



Catalog #
G99

Description
2" Porcelain socket extender

Bar Hangers



Catalog #
HB-26

Description
26" C-Channel bar hangers with clips for attachment to
T-Bar Ceilings (Set of 2)



Catalog #
HB-50

Description
50" C-Channel bar hangers with clips for attachment to
T-Bar Ceilings (Set of 2)



Catalog #
LB-27

Description
27" Linear bar hangers (Set of 2)



Catalog #
HB-1

Description
Adjustable 13 1/2" - 25" Real Nail® 3 bar hangers for
installation of incandescent, compact fluorescent and
electronically ballasted HID fixtures into joist construction
(Set of 2)



Aculux® Precision Recessed Lighting

Aculux high-performance, high-precision luminaires deliver stunning results quite distinct from standard recessed lighting. Offering ultra-precise control, optics and aiming, Aculux products create spectacular depth and sparkle for both contemporary and traditional interiors. The combination of computer contoured reflectors, deep regression, precise center-beam optics, and low-brightness trims enables these luminaires to blend seamlessly into virtually any hospitality, commercial, boutique retail or residential space. Advanced LED technology dominates the product, ensuring that Aculux is as efficient as it is elegant.



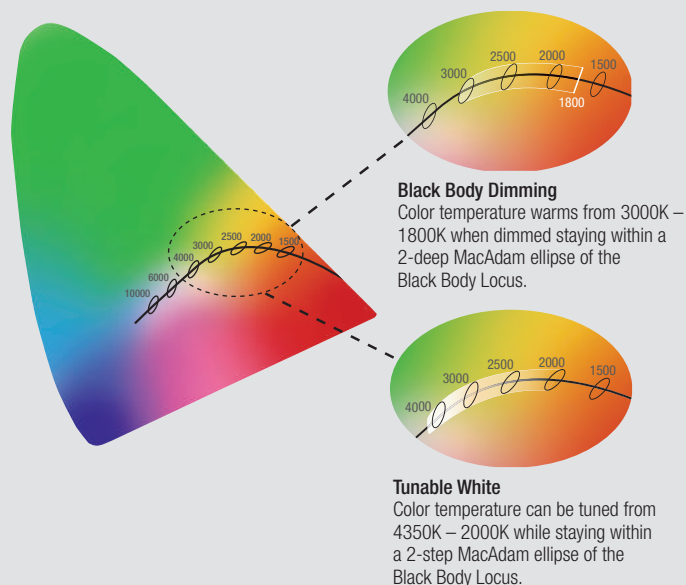
Aculux fixtures ... precision lighting at its very best

Aculux precision luminaires have a well-deserved reputation for innovation and industry leading performance. Aculux luminaires offer superior optical control and exceptional adjustment features that help lighting designers create stunning visual effects in residential and business interiors.

- Acu-Aim™ precision gear-driven aiming provides up to 370° rotation and 45° vertical adjustment. Aiming is smooth and effortless with a turn of a screwdriver.
- "Spot On!" proprietary optics deliver industry leading performance, clean beams, and virtually limitless distributions from 12° to 60° FWHM.
- Tru-Line™ platform guarantees the design intent will be realized. Square aperture rotation and patented aperture translation enables the installer to achieve precise fixture-to-fixture alignment (US Patent 8,277,090).

Award-winning Aculux 3-1/4" LED luminaires with Black Body Dimming & Tunable White technologies

Aculux 3-1/4" LED Precision Recessed Luminaires with Black Body Dimming and Tunable White technology were named the winner of the Recessed Downlights category in the 2014 LIGHTFAIR International Innovation Awards®. In Black Body Dimming mode, these luminaires warm as they dim, perfectly mimicking the ambiance of halogen dimming, but with just one-fourth the power consumption. In Tunable White mode, the color temperature can be adjusted anywhere between 4350K and 2000K, meaning atmosphere and lighting effects can be tuned at any time on a post-installation basis. Aculux Black Body Dimming and Tunable White technology renders colors supremely well, achieving 90 CRI, while maintaining superior color consistency within 2-step MacAdam Ellipse. These elegantly discreet luminaires feature small, 3-1/4" round or square apertures and produce up to 1000 lumens with energy-saving efficacies up to 50 lm/W.

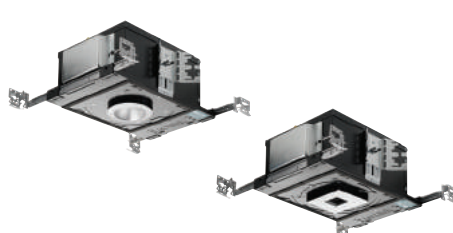


Aculux ... precision illumination for every occasion

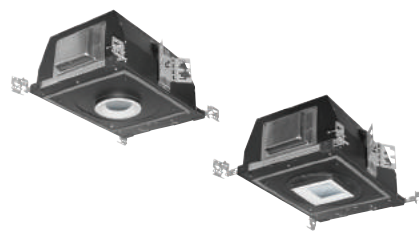
The entire family of Aculux luminaires is designed to provide superior illumination anywhere high-performance, precision lighting is called for. Ultra-efficient, 2" LED luminaires offer extraordinary light output in excess of 1000 lumens at 70 lumens per watt from a discreet, designer grade package. 3-1/4" LED luminaires lead the way in performance while creating ceilings that exhibit grace and style. Aculux offers the only 3" aperture luminaire that delivers up to 2000 lumens and 22,000 CBCP. The powerful 4" LED luminaires complete the offering, providing up to 3200 lumens. The entire Aculux family is available in round and square apertures with an abundance of elegant trim options. General illumination, accent lighting, functional task lighting, wall washing ... Aculux will put exactly the right amount of light in precisely the right place.



Aculux 2" Family
LED Round and Square up to 1000 lumens



Aculux 3 1/4" Family
LED Round and Square up to 2000 lumens,
also Low Voltage MR16 and Line Voltage PAR



Aculux 4" Family
LED Round and Square up to 3200 lumens

2" LED Round Downlight & Adjustable



IC207LD, IC210LD
LED Downlight Housing
700/1000 Lumens



TC207LD, TC210LD
LED Downlight Housing
700/1000 Lumens



IC207LA, IC210LA
LED Adjustable Housing
700/1000 Lumens



TC207LA, TC210LA
LED Adjustable Housing
700/1000 Lumens



TC207LDR, TC210LDR
LED Downlight
Remodel Housing
700/1000 Lumens

2" LED Round Trims



TC207LAR, TC210LAR
LED Adjustable
Remodel Housing
700/1000 Lumens

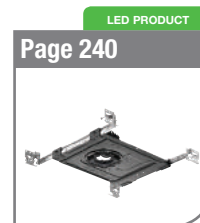


2" LED Downlight,
Adjustable & Wall Wash
Trims

2" LED Square Downlight and Adjustable



IC207LSQD, IC210LSQD
LED Downlight Housing
700/1000 Lumens



TC207LSQD, TC210LSQD
LED Downlight Housing
700/1000 Lumens

2" LED Square Trims



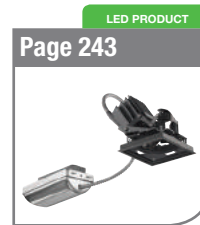
IC207LSQA, IC210LSQA
LED Adjustable Housing
700/1000 Lumens



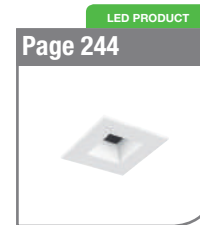
TC207LSQA, TC210LSQA
LED Adjustable Housing
700/1000 Lumens



TC207LSQDR, TC210LSQDR
LED Downlight
Remodel Housing
700/1000 Lumens



TC207LSQAR, TC210LSQAR
LED Adjustable
Remodel Housing
700/1000 Lumens



2" LED Downlight,
Adjustable & Wall Wash
Trims

2" LED Square 2 & 3 Head Multiples



IC207LSQ2A, TC210LSQ2A
LED Adjustable
2-Head Housing
700/1000 Lumens



2" LED Adjustable Multiple
Trims



IC207LSQ3A, TC210LSQ3A
LED Adjustable
3-Head Housing
700/1000 Lumens



2" LED Adjustable Multiple
Trims

3 1/4" LED Round Adjustable



IC408L, IC412L, IC415L, IC420L, TC420L LED Adjustable Housing
800/1200/1500/2000 Lumens



IC408LR, TC412LR LED Adjustable Remodel Housing
800/1200 Lumens



IC408LP, IC412LP, IC415LP, TC420LP LED Low Profile Adjustable Housing
800/1200/1500/2000 Lumens



IC(9)43T, TC(9)49T, IC49T LED Adjustable Black Body Dimming/Tunable White Housing
700/1000 Lumens

3 1/4" LED Round Trims



3 1/4" LED Downlight, Adjustable & Wall Wash Trims

3 1/4" LED Square Adjustable



IC408LSQ, IC412LSQ, IC415LSQ, IC420LSQ, TC420LSQ LED Adjustable Housing
800/1200/1500/2000 Lumens



IC408LPSQ, IC412LPSQ, IC415LPSQ, TC420LPSQ LED Low Profile Adjustable Housing
800/1200/1500/2000 Lumens



IC(9)43TSQ, TC(9)49TSQ, IC49TSQ LED Adjustable Black Body Dimming/Tunable White Housing
700/1000 Lumens

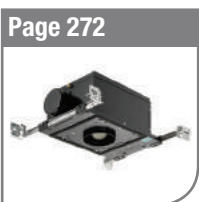


3 1/4" LED Downlight, Adjustable & Wall Wash Trims

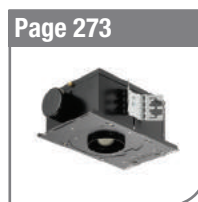
3 1/4" MR16 Round Adjustable



IC43N MR16 Adjustable Housing



TC43N MR16 Adjustable Housing

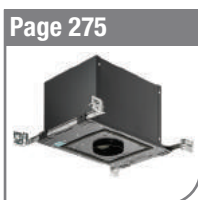


TC943N MR16 Adjustable Housing

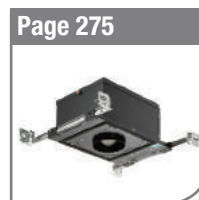


TC43NR MR16 Adjustable Remodel Housing

3 1/4" PAR16/PAR20 Round Adjustable



IC13N PAR16/PAR20 Adjustable Housing



TC13N PAR16/PAR20 Adjustable Housing

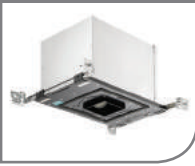
3 1/4" Round Trims



3 1/4" LED Downlight, Adjustable & Wall Wash Trims

3 1/4" MR16 Square Adjustable

Page 282



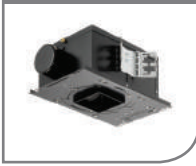
IC43SQ MR16
Adjustable Housing

Page 282



TC43SQ MR16
Adjustable Housing

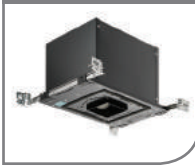
Page 283



TC943SQ MR16
Adjustable Housing

3 1/4" PAR16/PAR20 Square Adjustable

Page 284



IC13SQ PAR16/PAR20
Adjustable Housing

Page 284



TC13SQ PAR16/PAR20
Adjustable Housing

3 1/4" Square Trims

Page 285



3 1/4" LED Downlight,
Adjustable & Wall Wash
Trims

4" LED Round Adjustable

LED PRODUCT

Page 290



IC512L, IC517L, IC522L,
IC527L, TC532L LED
Adjustable Housing
1200/1700/2200/2700/3200
Lumens

4" LED Round Trims

LED PRODUCT

Page 292



4" LED Downlight,
Adjustable & Wall Wash
Trims

4" LED Square Adjustable

LED PRODUCT

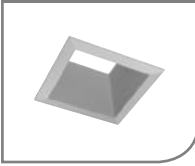
Page 296



IC512LSQ, IC517LSQ,
IC522LSQ, IC527LSQ,
TC532LSQ LED
Adjustable Housing
1200/1700/2200/2700/3200
Lumens

4" LED Square Trims

Page 298



4" LED Downlight,
Adjustable & Wall Wash
Trims

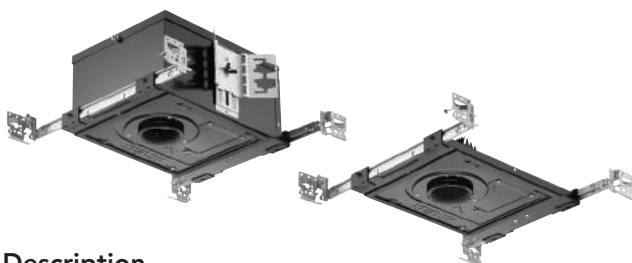


Private Residence, Key Biscayne, Florida; Diego Fernandez, Lighting Designer, Powerhouse Lighting; Mark Steele Photography



Precision Recessed | IC/TC207LD, IC/TC210LD

2" LED Recessed Round Downlight 700 & 1000 Lumens



Description

Recessed LED downlight luminaire with 2" round aperture delivers up to 1040 lumens and is available with optical distributions ranging from 18° to 55°. Fixture has 50° visual cut-off for low aperture brightness. Low profile housing is available in IC rated or non-IC rated configurations.

Listings UL and cUL listed for damp or wet locations depending on trim • IC rated new construction fixture meets energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified with select color temperatures and trims • IC rated luminaires with 3000K, 90 CRI light engine are certified to high efficacy requirements of California T24 with select trims • IC rated new construction luminaire is Chicago Plenum (CCEA) approved • Union made

Features

- Consistent fixture to fixture color consistency within a 2-step MacAdam ellipse
- Available with field interchangeable optics in 18° spot, 24° narrow flood, 35° flood, and 45° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 50°, 55° FWHM can be achieved with the use of diffusing film
- Self Flanged and Flush Mount trim styles are available
- Choice of two drivers to accommodate voltages from 120-277 volts AC at 50/60Hz
- Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage, and electronic low voltage dimmers
- Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers
- Features patented (US Patent 8,038,113) Pro-VI™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings
- Patented (US Patent 8,277,090) Tru-Line™ platform features +/- 1/2" translation to aid fixture alignment
- Rated life for 50,000 hrs at 70% lumen maintenance
- 5 year warranty

Ordering Information Example: TC207LD-830-N-1

Series	CRI/CCT	Optic	Driver
IC207LD	827 2700K, 80CRI	S 18° Spot	1 120V, Phase
TC207LD	830 3000K, 80CRI	N 24° Narrow Flood	Dimming
700 lm Downlight, Non-IC	835 3500K, 80CRI	F 35° Flood	U 120-277V
IC210LD	835 3500K, 80CRI	W 45° Wide Flood	0-10V
1000 lm Downlight, IC rated	840 4000K, 80CRI		Dimming
TC210LD	927 2700K, 90CRI		
1000 lm Downlight, Non-IC	930 3000K, 90CRI		

Accessories

Catalog Number/Description

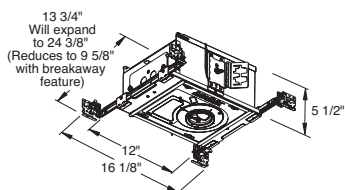
FMA2	New Construction Flush Mount Adapter for drywall ceilings only
CTA2-120	Thick Ceiling Adapter for .75"-1.20" thick ceiling
CTA2-150	Thick Ceiling Adapter for 1.20"-1.50" thick ceiling
TIR-ACLX2-SP	18° Spot Optic
TIR-ACLX2-NFL	24° Narrow Flood Optic
TIR-ACLX2-FL	35° Flood Optic
TIR-ACLX2-WFL	45° Wide Flood Optic

To order, specify catalog number.

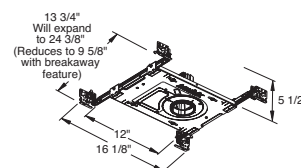
Catalog Number/Description

AF2-10	10° Film (Use with Spot Optic)
AF2-20	20° Film (Use with Spot Optic)
AF2-40	40° Film (Use with Spot Optic)
AF2-50	50° Film (Use with Spot Optic)
AF2-90x1	90°x1° Film (Use with Spot Optic)
EMI-20	20W Emergency Lighting Inverter

Dimensions



IC Housing
IC207LD, IC210LD

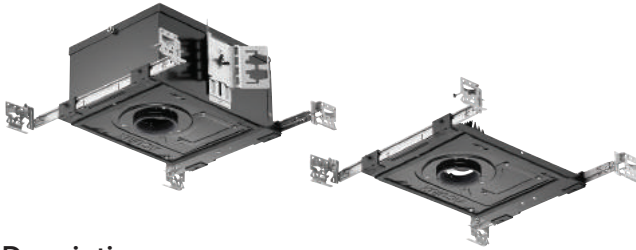


Non-IC Housing
TC207LD, TC210LD



Precision Recessed | IC/TC207LA, IC/TC210LA

2" LED Recessed Adjustable 700 & 1000 Lumens



Description

Recessed LED adjustable luminaire with 2" round aperture delivers up to 1005 lumens and is available with optical distributions ranging from 18° to 55°. Fixture has 50° visual cut-off for low aperture brightness. Low profile housing is available in IC rated or non-IC rated configurations.

Listings UL and cUL listed for damp or wet locations depending on trim • IC rated new construction fixture meets energy code Air Leakage requirements per ASTM E283 • IC and Non-IC housings are ENERGY STAR® Qualified with select color temperatures and trims • 90 CRI, 3000K IC rated new construction fixtures are certified to high efficacy requirements of California T24 with select color temperatures and trims • IC rated new construction luminaire is Chicago Plenum (CCEA) approved • Union made

Features

- Consistent fixture to fixture color consistency within a 2-step MacAdam ellipse
- Available with field interchangeable optics in 18° spot, 24° narrow flood, 35° flood, and 45° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 50°, 55° FWHM can be achieved with the use of diffusing film
- Patent pending Acu-Aim™ precision geared hot-aiming achieves 365° rotation, 40° tilt with any ceiling thickness from 1/2" to 1"
- Optimized center beam optics translates light engine forward as it is aimed off nadir
- Self Flanged and Flush Mount trim styles are available
- Choice of two drivers to accommodate voltages from 120-277 volts AC at 50/60Hz
- Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage, and electronic low voltage dimmers
- Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers
- Features patented (US Patent 8,038,113) Pro-VI™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings
- Patented (US Patent 8,277,090) Tru-Line™ platform features +/- 1/2" translation to aid fixture alignment
- Rated life for 50,000 hrs at 70% lumen maintenance
- 5 year warranty

Ordering Information Example: IC207LA-830-N-1

Series	CRI/CCT	Optic	Driver
IC207LA	827 2700K, 80CRI	S 18° Spot	1 120V, Phase Dimming
TC207LA	830 3000K, 80CRI	N 24° Narrow Flood	U 120-277V 0-10V Dimming
IC210LA	835 3500K, 80CRI	F 35° Flood	
TC210LA	840 4000K, 80CRI	W 45° Wide Flood	
	927 2700K, 90CRI		
	930 3000K, 90CRI		

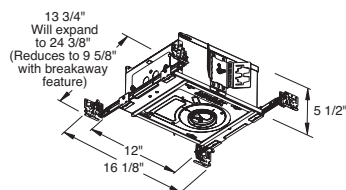
Accessories

Catalog Number/Description	
FMA2	New Construction Flush Mount Adapter for drywall ceilings only
CTA2-120	Thick Ceiling Adapter for .75"-1.20" thick ceiling
CTA2-150	Thick Ceiling Adapter for 1.20"-1.50" thick ceiling
TIR-ACLX2-SP	18° Spot Optic
TIR-ACLX2-NFL	24° Narrow Flood Optic
TIR-ACLX2-FL	35° Flood Optic
TIR-ACLX2-WFL	45° Wide Flood Optic

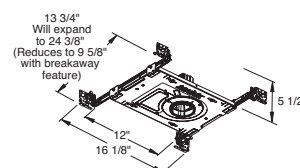
To order, specify catalog number.

Catalog Number/Description	
AF2-10	10° Film (Use with Spot Optic)
AF2-20	20° Film (Use with Spot Optic)
AF2-40	40° Film (Use with Spot Optic)
AF2-50	50° Film (Use with Spot Optic)
AF2-90x1	90°x1° Film (Use with Spot Optic)
EMI-20	20W Emergency Lighting Inverter

Dimensions



IC Housing
IC207LA, IC210LA



Non-IC Housing
TC207LA, TC210LA



Precision Recessed | Remodel TC207LDR, TC210LDR

2" LED Recessed Downlight 700 & 1000 Lumens



Description

Recessed LED downlight luminaire with 2" round aperture delivers up to 1040 lumens and is available with optical distributions ranging from 18° to 55°. Fixture has 50° visual cut-off for low aperture brightness. Low profile remodel housing is non-IC rated for use in non-insulated areas or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for damp or wet locations depending on trim • ENERGY STAR® Qualified with select color temperatures and trims • Union made

Features

- Consistent fixture to fixture color consistency within a 2-step MacAdam ellipse
- Available with field interchangeable optics in 18° spot, 24° narrow flood, 35° flood, and 45° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 50°, 55° FWHM can be achieved with the use of diffusing film
- Self Flanged and Flush Mount trim styles are available
- Choice of two drivers to accommodate voltages from 120-277 volts AC at 50/60Hz
- Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage, and electronic low voltage dimmers
- Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers
- Fixture installs from below the ceiling and secured to remodel ring
- Rated life for 50,000 hrs at 70% lumen maintenance
- 5 year warranty

Ordering Information Example: TC207LDR-830-N-1

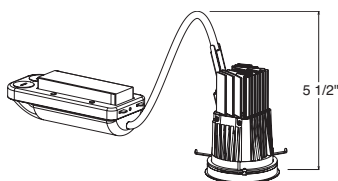
Series	CRI/CCT	Optic	Driver
TC207LDR	827 2700K, 80CRI	S 18° Spot	1 120V, Phase Dimming
TC210LDR	830 3000K, 80CRI	N 24° Narrow Flood	U 120-277V 0-10V Dimming
	835 3500K, 80CRI	F 35° Flood	
	840 4000K, 80CRI	W 45° Wide Flood	
	927 2700K, 90CRI		
	930 3000K, 90CRI		

Accessories

Catalog Number/Description	
FMA2R	Remodel Flush Mount Adapter for drywall ceilings only
TIR-ACLX2-SP	18° Spot Optic
TIR-ACLX2-NFL	24° Narrow Flood Optic
TIR-ACLX2-FL	35° Flood Optic
TIR-ACLX2-WFL	45° Wide Flood Optic
To order, specify catalog number.	

Catalog Number/Description	
AF2-10	10° Film (Use with Spot Optic)
AF2-20	20° Film (Use with Spot Optic)
AF2-40	40° Film (Use with Spot Optic)
AF2-50	50° Film (Use with Spot Optic)
AF2-90x1	90°x1° Film (Use with Spot Optic)
EMI-20	20W Emergency Lighting Inverter

Dimensions



TC207LDR, TC210LDR



Precision Recessed | Remodel TC207LAR, TC210LAR

2" LED Recessed Adjustable 700 & 1000 Lumens



Description

Recessed LED adjustable luminaire with 2" round aperture delivers up to 1005 lumens and is available with optical distributions ranging from 18° to 55°. Fixture has 50° visual cut-off for low aperture brightness. Low profile remodel housing is non-IC rated for use in non-insulated areas or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for damp or wet locations depending on trim • ENERGY STAR® Qualified with select color temperatures and trims • Union made

Features

- Consistent fixture to fixture color consistency within a 2-step MacAdam ellipse
- Available with field interchangeable optics in 18° spot, 24° narrow flood, 35° flood, and 45° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 50°, 55° FWHM can be achieved with the use of diffusing film
- Patent pending Acu-Aim™ precision geared hot-aiming achieves 365° rotation, 40° tilt with any ceiling thickness from ½" to 1"
- Optimized center beam optics translates light engine forward as it is aimed off nadir
- Self Flanged and Flush Mount trim styles are available
- Choice of two drivers to accommodate voltages from 120-277 volts AC at 50/60Hz
- Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage, and electronic low voltage dimmers
- Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers
- Fixture installs from below the ceiling and secured to remodel ring
- Rated life for 50,000 hrs at 70% lumen maintenance
- 5 year warranty

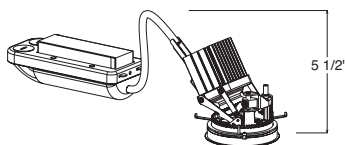
Ordering Information Example: TC207LAR-830-N-1

Series	CRI/CCT	Optic	Driver
TC207LAR	827 2700K, 80CRI	S 18° Spot	1 120V, Phase
700 lm Adjustable, Non-IC		N 24° Narrow Flood	Dimming
TC210LAR	830 3000K, 80CRI	F 35° Flood	U 120-277V
1000 lm Adjustable, Non-IC	835 3500K, 80CRI	W 45° Wide Flood	0-10V Dimming
	840 4000K, 80CRI		
	927 2700K, 90CRI		
	930 3000K, 90CRI		

Accessories

Catalog Number/Description	Catalog Number/Description
FMA2R Remodel Flush Mount Adapter for drywall ceilings only	AF2-10 10° Film (Use with Spot Optic)
TIR-ACLX2-SP 18° Spot Optic	AF2-20 20° Film (Use with Spot Optic)
TIR-ACLX2-NFL 24° Narrow Flood Optic	AF2-40 40° Film (Use with Spot Optic)
TIR-ACLX2-FL 35° Flood Optic	AF2-50 50° Film (Use with Spot Optic)
TIR-ACLX2-WFL 45° Wide Flood Optic	AF2-90x1 90°x1° Film (Use with Spot Optic)
To order, specify catalog number.	EMI-20 20W Emergency Lighting Inverter

Dimensions



TC207LAR, TC210LAR

Downlights (Compatible with Downlight and Adjustable Luminaire)

Parabolic Downlight Cone



Self-Flanged ◊

2007C-SF
2007B-SF
2007HZ-SF
2007W-SF
2007WHZ-SF



Flush Mount

2007C-FM
2007B-FM
2007HZ-FM
2007W-FM
2007WHZ-FM

Finish

Clear Specular Cone
Black Specular Cone
Haze Cone
White Cone
Wheat Haze Cone

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ, B, W

	Construction:	Type IC
	CCT/CRI:	930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ, W

Hyperbolic Downlight Cone



Self-Flanged ◊

2017C-SF
2017B-SF
2017HZ-SF
2017W-SF
2017WHZ-SF



Flush Mount

2017C-FM
2017B-FM
2017HZ-FM
2017W-FM
2017WHZ-FM

Finish

Clear Specular Cone
Black Specular Cone
Haze Cone
White Cone
Wheat Haze Cone

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ, B, W

	Construction:	Type IC
	CCT/CRI:	930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ, W

Regressed Pinhole - 1 3/8" Aperture



Self-Flanged

2307BHZ-BL-SF
2307BHZ-WH-SF



Flush Mount

2307BHZ-BL-FM
2307BHZ-WH-FM

Finish

Black Trim
White Trim

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F
	Trim Finish:	BHZ-BL, BHZ-WH

Lensed Parabolic Downlight Cone



Self-Flanged ◊

2002C-SF
2002B-SF
2002HZ-SF
2002W-SF
2002WHZ-SF



Flush Mount

2002C-FM
2002B-FM
2002HZ-FM
2002W-FM
2002WHZ-FM

Finish

Clear Specular Cone
Black Specular Cone
Haze Cone
White Cone
Wheat Haze Cone



	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ, B, W

Lensed Downlight Regressed Pinhole - 1 3/8" Aperture



Self-Flanged

2302BHZ-BL-SF
2302BHZ-WH-SF



Flush Mount

2302BHZ-BL-FM
2302BHZ-WH-FM

Finish

Black Trim
White Trim



	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F
	Trim Finish:	BHZ-BL, BHZ-WH

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 2007C-SFWH)

Important: Flush mount adapter is required for flush mount trim installations. See compatible housing pages for ordering information.

Downlights (Compatible with Downlight and Adjustable Luminaire)

1-1/4" Pinhole



Self-Flanged ◇
2337BHZ-BL-SF
2337BHZ-WH-SF



Flush Mount
2337BHZ-BL-FM
2337BHZ-WH-FM

Finish
Black Trim
White Trim

1-1/4" Lensed Pinhole



Self-Flanged ◇
2332BHZ-BL-SF
2332BHZ-WH-SF



Flush Mount
2332BHZ-BL-FM
2332BHZ-WH-FM



Finish
Black Trim
White Trim

◇ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 2007C-SFWH)
Important: Flush mount adapter is required for flush mount trim installations. See compatible housing pages for ordering information.

Adjustables (Compatible with Adjustable Luminaires Only)

Angle Cut Cone



Self-Flanged ◊

2008C-SF
2008B-SF
2008HZ-SF
2008W-SF
2008WHZ-SF



Flush Mount

2008C-FM
2008B-FM
2008HZ-FM
2008W-FM
2008WHZ-FM

Finish

Clear Specular Cone
Black Specular Cone
Haze Cone
White Cone
Wheat Haze Cone

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ, B, W

	Construction:	Type IC
	CCT/CRI:	930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ, W

Regressed Pinhole - 1 3/8" Aperture



Self-Flanged

2308BHZ-BL-SF
2308BHZ-WH-SF



Flush Mount

2308BHZ-BL-FM
2308BHZ-WH-FM

Finish

Black Trim
White Trim

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F
	Trim Finish:	BHZ-BL, BHZ-WH

Lensed Angle Cut Cone



Self-Flanged ◊

2001C-SF
2001B-SF
2001HZ-SF
2001W-SF
2001WHZ-SF



Flush Mount

2001C-FM
2001B-FM
2001HZ-FM
2001W-FM
2001WHZ-FM

Finish

Clear Specular Cone
Black Specular Cone
Haze Cone
White Cone
Wheat Haze Cone



	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ, B, W

Lensed Adjustable Regressed Pinhole - 1 3/8" Aperture



Self-Flanged

2301BHZ-BL-SF
2301BHZ-WH-SF



Flush Mount

2301BHZ-BL-FM
2301BHZ-WH-FM

Finish

Black Trim
White Trim



	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F
	Trim Finish:	BHZ-BL, BHZ-WH

1-1/4" Pinhole



Self-Flanged ◊

2338BHZ-BL-SF
2338BHZ-WH-SF



Flush Mount

2338BHZ-BL-FM
2338BHZ-WH-FM

Finish

Black Trim
White Trim

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 2008C-SFWH)

Important: Flush mount adapter is required for flush mount trim installations. See compatible housing pages for ordering information.

Aculux® Precision Recessed | Trims for 2" LED Housings

Adjustables (Compatible with Adjustable Luminaires Only)

1-1/4" Lensed Pinhole



Self-Flanged
2331BHZ-BL-SF
2331BHZ-WH-SF



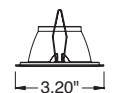
Flush Mount
2331BHZ-BL-FM
2331BHZ-WH-FM



Finish
Black Trim
White Trim

Wall Wash (Compatible with Adjustable Luminaires Only)

Architectural Wall Wash



Self-Flanged ♦
2009C-SF
2009B-SF
2009HZ-SF
2009W-SF
2009WHZ-SF



Flush Mount
2009C-FM
2009B-FM
2009HZ-FM
2009W-FM
2009WHZ-FM

Finish
Clear Specular Cone
Black Specular Cone
Haze Cone
White Cone
Wheat Haze Cone

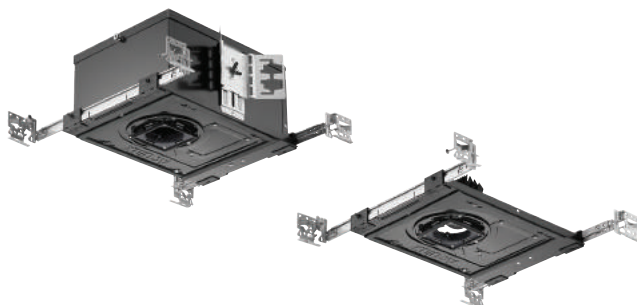
♦ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 2007C-SFWH)

Important: Flush mount adapter is required for flush mount trim installations. See compatible housing pages for ordering information.



Precision Recessed | IC/TC207LSQD, IC/TC210LSQD

2" LED Recessed Square Downlight 700 & 1000 Lumens



Description

Recessed LED downlight luminaire with 1 3/4" square aperture delivers up to 900 lumens and is available with optical distributions ranging from 18° to 55°. Fixture has 50° visual cut-off for low aperture brightness. Low profile new construction housing is available in IC rated or non-IC rated configurations.

Listings UL and cUL listed for damp or wet locations depending on trim • IC rated new construction fixture meets energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified with all color temperatures with 80 CRI • IC rated new construction luminaire is Chicago Plenum (CCEA) approved • Union made

Features

- Consistent fixture to fixture color consistency within a 2-step MacAdam ellipse
- Available with field interchangeable optics in 18° spot, 24° narrow flood, 35° flood, and 45° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 50°, 55° FWHM can be achieved with the use of diffusing film
- Self Flanged and Flush Mount trim styles are available
- Choice of two drivers to accommodate voltages from 120-277 volts AC at 50/60Hz
- Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage, and electronic low voltage dimmers
- Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers
- Features patented (US Patent 8,038,113) Pro-VI™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings
- Patented (US Patent 8,277,090) Tru-Line™ platform allows +/-45° aperture rotation and +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Rated life for 50,000 hrs at 70% lumen maintenance
- 5 Year Warranty

Ordering Information Example: IC207LSQD-830-N-1

Series	CRI/CCT	Optic	Driver
IC207LSQD	827 2700K, 80CRI	S 18° Spot	1 120V, Phase
700 lm Adjustable, IC rated		N 24° Narrow Flood	Dimming
TC207LSQD	830 3000K, 80CRI	F 35° Flood	U 120-277V
700 lm Adjustable, Non-IC		W 45° Wide Flood	0-10V Dimming
IC210LSQD	835 3500K, 80CRI		
1000 lm Adjustable, IC rated			
TC210LSQD	840 4000K, 80CRI		
1000 lm Adjustable, Non-IC			
	927 2700K, 90CRI		
	930 3000K, 90CRI		

Accessories

Catalog Number/Description

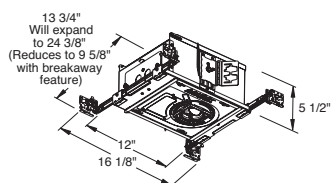
FMASQ2	New Construction Flush Mount Adapter for drywall ceilings only
CTASQ2-120	Thick Ceiling Adapter for .75"-1.20" thick ceiling
CTASQ2-150	Thick Ceiling Adapter for 1.20"-1.50" thick ceiling
TIR-ACLX2-SP	18° Flood Optic
TIR-ACLX2-NFL	24° Narrow Flood Optic
TIR-ACLX2-FL	35° Flood Optic
TIR-ACLX2-WFL	45° Wide Flood Optic

To order, specify catalog number.

Catalog Number/Description

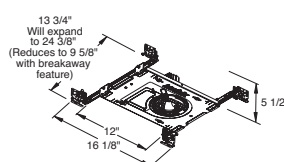
AF2-10	10° Film (Use with Spot Optic)
AF2-20	20° Film (Use with Spot Optic)
AF2-40	40° Film (Use with Spot Optic)
AF2-50	50° Film (Use with Spot Optic)
AF2-90x1	90°x1° Film (Use with Spot Optic)
EMI-20	20W Emergency Lighting Inverter

Dimensions



IC Housing

IC207LSQD, IC210LSQD



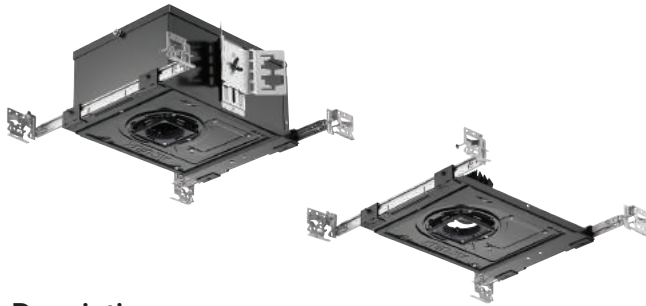
Non-IC Housing

TC207LSQD, TC210LSQD



Precision Recessed | IC/TC207LSQA, IC/TC210LSQA

2" LED Square Recessed Adjustable 700 & 1000 Lumens



Description

Recessed LED adjustable luminaire with 1¾" inch square aperture delivers up to 900 lumens and is available with optical distributions ranging from 18° to 55°. Fixture has 50° visual cut-off for low aperture brightness. Low profile housing is available in IC rated or non-IC rated configurations.

Listings UL and cUL listed for damp or wet locations depending on trim • IC rated new construction fixture meets energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified with all color temperatures with 80 CRI • IC rated new construction luminaire is Chicago Plenum (CCEA) approved • Union made

Features

- Consistent fixture to fixture color consistency within a 2-step MacAdam ellipse
- Available with field interchangeable optics in 18° spot, 24° narrow flood, 35° flood, and 45° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 50°, 55° FWHM can be achieved with the use of diffusing film
- Patent pending Acu-Aim™ precision geared hot-aiming achieves 365° rotation, 40° tilt with any ceiling thickness from ½" to 1"
- Optimized center beam optics translates light engine forward as it is aimed off nadir
- Self Flanged and Flush Mount trim styles are available
- Choice of two drivers to accommodate voltages from 120-277 volts AC at 50/60Hz
- Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage, and electronic low voltage dimmers
- Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers
- Features patented (US Patent 8,038,113) Pro-VI™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings
- Patented (US Patent 8,277,090) Tru-Line™ platform allows +/-45° aperture rotation and +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Rated life for 50,000 hrs at 70% lumen maintenance
- 5 year warranty

Ordering Information Example: IC207LSQA-830-N-1

Series	CRI/CCT	Optic	Driver
IC207LSQA	827 2700K, 80CRI	S 18° Spot	1 120V, Phase Dimming
TC207LSQA	830 3000K, 80CRI	N 24° Narrow Flood	U 120-277V 0-10V Dimming
IC210LSQA	835 3500K, 80CRI	F 35° Flood	
TC210LSQA	840 4000K, 80CRI	W 45° Wide Flood	
	927 2700K, 90CRI		
	930 3000K, 90CRI		

Accessories

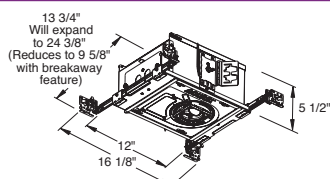
Catalog Number/Description	
FMASQ2	New Construction Flush Mount Adapter for drywall ceilings only
CTASQ2-120	Thick Ceiling Adapter for .75"-1.20" thick ceiling
CTASQ2-150	Thick Ceiling Adapter for 1.20"-1.50" thick ceiling
TIR-ACLX2-SP	18° Flood Optic
TIR-ACLX2-NFL	24° Narrow Flood Optic
TIR-ACLX2-FL	35° Flood Optic
TIR-ACLX2-WFL	45° Wide Flood Optic

To order, specify catalog number.

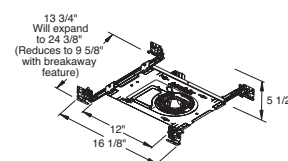
Catalog Number/Description

AF2-10	10° Film (Use with Spot Optic)
AF2-20	20° Film (Use with Spot Optic)
AF2-40	40° Film (Use with Spot Optic)
AF2-50	50° Film (Use with Spot Optic)
AF2-90x1	90°x1° Film (Use with Spot Optic)
EMI-20	20W Emergency Lighting Inverter

Dimensions



IC Housing
IC207LSQA, IC210LSQA



Non-IC Housing
TC207LSQA, TC210LSQA



Precision Recessed | Remodel TC207LSQDR, TC210LSQDR

2" LED Recessed Sq. Downlight 700 & 1000 Lumens



Description

Recessed LED downlight luminaire with 1¾" square aperture delivers up to 900 lumens and is available with optical distributions ranging from 18° to 55°. Fixture has 50° visual cut-off for low aperture brightness. Low profile remodel housing is non-IC rated for use in non-insulated areas or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for damp or wet locations depending on trim • ENERGY STAR® Qualified with select color temperatures and trims • Union made

Features

- Consistent fixture to fixture color consistency within a 2-step MacAdam ellipse
- Available with field interchangeable optics in 18° spot, 24° narrow flood, 35° flood, and 45° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 50°, 55° FWHM can be achieved with the use of diffusing film
- Self Flanged and Flush Mount trim styles are available
- Choice of two drivers to accommodate voltages from 120-277 volts AC at 50/60Hz
- Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage, and electronic low voltage dimmers
- Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers
- Fixture installs from below the ceiling and secured to remodel ring
- Rated life for 50,000 hrs at 70% lumen maintenance
- 5 year warranty

Ordering Information Example: TC207LSQDR-830-N-1

Series	CRI/CCT	Optic	Driver
TC207LSQDR	827 2700K, 80CRI	S 18° Spot	1 120V, Phase
700 lm Downlight, Non-IC		N 24° Narrow Flood	Dimming
TC210LSQDR	830 3000K, 80CRI	F 35° Flood	U 120-277V
1000 lm Downlight, Non-IC		W 45° Wide Flood	0-10V Dimming
	835 3500K, 80CRI		
	840 4000K, 80CRI		
	927 2700K, 90CRI		
	930 3000K, 90CRI		

Accessories

Catalog Number/Description

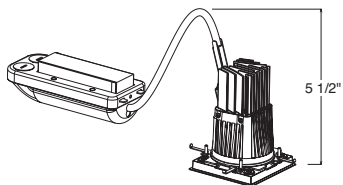
FMASQ2R	Remodel Flush Mount Adapter for drywall ceilings only
TIR-ACLX2-SP	18° Spot Optic
TIR-ACLX2-NFL	24° Narrow Flood Optic
TIR-ACLX2-FL	35° Flood Optic
TIR-ACLX2-WFL	45° Wide Flood Optic

To order, specify catalog number.

Catalog Number/Description

AF2-10	10° Film (Use with Spot Optic)
AF2-20	20° Film (Use with Spot Optic)
AF2-40	40° Film (Use with Spot Optic)
AF2-50	50° Film (Use with Spot Optic)
AF2-90x1	90°x1° Film (Use with Spot Optic)
EMI-20	20W Emergency Lighting Inverter

Dimensions



TC207LSQDR, TC210LSQDR



Precision Recessed | Remodel TC207LSQAR, TC210LSQAR

2" LED Recessed Sq. Adjustable 700 & 1000 Lumens



Description

Recessed LED adjustable luminaire with 1 3/4" square aperture delivers up to 900 lumens and is available with optical distributions ranging from 18° to 55°. Fixture has 50° visual cut-off for low aperture brightness. Low profile remodel housing is non-IC rated for use in non-insulated areas or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for damp or wet locations depending on trim • ENERGY STAR® Qualified with select color temperatures and trims • Union made

Features

- Consistent fixture to fixture color consistency within a 2-step MacAdam ellipse
- Available with field interchangeable optics in 18° spot, 24° narrow flood, 35° flood, and 45° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 50°, 55° FWHM can be achieved with the use of diffusing film
- Patent pending Acu-Aim™ precision geared hot-aiming achieves 365° rotation, 40° tilt with any ceiling thickness from 1/2" to 1"
- Optimized center beam optics translate light engine forward as it is aimed off nadir
- Self Flanged and Flush Mount trim styles are available
- Choice of two drivers to accommodate voltages from 120-277 volts AC at 50/60Hz
- Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage, and electronic low voltage dimmers
- Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers
- Fixture installs from below the ceiling and secured to remodel ring
- 5 year warranty

Ordering Information Example: TC207LSQAR-830-N-1

Series	CRI/CCT	Optic	Driver
TC207LSQAR	827 2700K, 80CRI	S 18° Spot	1 120V, Phase
700 lm Adjustable, Non-IC		N 24° Narrow Flood	Dimming
TC210LSQAR	830 3000K, 80CRI	F 35° Flood	U 120-277V
1000 lm Adjustable, Non-IC		W 45° Wide Flood	0-10V Dimming
	835 3500K, 80CRI		
	840 4000K, 80CRI		
	927 2700K, 90CRI		
	930 3000K, 90CRI		

Accessories

Catalog Number/Description

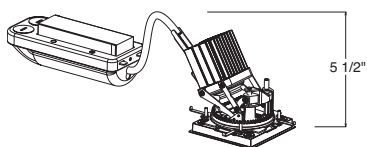
FMASQ2R	Remodel Flush Mount Adapter for drywall ceilings only
TIR-ACLX2-SP	18° Spot Optic
TIR-ACLX2-NFL	24° Narrow Flood Optic
TIR-ACLX2-FL	35° Flood Optic
TIR-ACLX2-WFL	45° Wide Flood Optic

To order, specify catalog number.

Catalog Number/Description

AF2-10	10° Film (Use with Spot Optic)
AF2-20	20° Film (Use with Spot Optic)
AF2-40	40° Film (Use with Spot Optic)
AF2-50	50° Film (Use with Spot Optic)
AF2-90x1	90°x1° Film (Use with Spot Optic)
EMI-20	20W Emergency Lighting Inverter

Dimensions



TC207LSQAR, TC210LSQAR

Aculux® Precision Recessed | Trims for 2" LED Square Housings

Downlights

Deep Downlight Reflector



Self-Flanged ◊
2007SQBHZ-SF
2007SQHZ-SF
2007SQW-SF
2007SQWHZ-SF



Flush Mount
2007SQBHZ-FM
2007SQHZ-FM
2007SQW-FM
2007SQWHZ-FM

Finish

Black Haze Reflector
Haze Reflector
White Reflector
Wheat Haze Reflector

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F, W
	Trim Finish:	HZ, WHZ, BHZ, W

Regressed Pinhole - 1 3/8" Aperture



Self-Flanged ◊
2307SQBHZ-BL-SF
2307SQBHZ-WH-SF



Flush Mount
2307SQBHZ-BL-FM
2307SQBHZ-WH-FM

Finish

Black Trim
White Trim

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F
	Trim Finish:	BHZ-BL, BHZ-WH

Lensed Downlight Reflector



Self-Flanged ◊
2002SQBHZ-SF
2002SQHZ-SF
2002SQW-SF
2002SQWHZ-SF



Flush Mount
2002SQBHZ-FM
2002SQHZ-FM
2002SQW-FM
2002SQWHZ-FM

Finish

Black Haze Reflector
Haze Reflector
White Reflector
Wheat Haze Reflector



	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F
	Trim Finish:	HZ, WHZ, BHZ, W

Lensed Regressed Pinhole - 1 3/8" Aperture



Self-Flanged ◊
2302SQBHZ-BL-SF
2302SQBHZ-WH-SF



Flush Mount
2302SQBHZ-BL-FM
2302SQBHZ-WH-FM

Finish

Black Trim
White Trim



	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F
	Trim Finish:	BHZ-BL, BHZ-WH

Pinhole - 1 1/4"



Self-Flanged
2337SQBHZ-BL-SF
2337SQBHZ-WH-SF



Flush Mount
2337SQBHZ-BL-FM
2337SQBHZ-WH-FM

Finish

Black Trim
White Trim

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F
	Trim Finish:	BHZ-BL, BHZ-WH

Pinhole Lensed - 1 1/4"



Self-Flanged
2332SQBHZ-BL-SF
2332SQBHZ-WH-SF



Flush Mount
2332SQBHZ-BL-FM
2332SQBHZ-WH-FM

Finish

Black Trim
White Trim



◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 2007SQBHZ-SFWH)

Important: Flush mount adapter is required for flush mount trim installations. See compatible housing pages for ordering information.

Aculux® Precision Recessed | Trims for 2" LED Square Housings

Adjustables

Angle Cut Reflector



Self-Flanged ♦
2008SQBHZ-SF
2008SQHZ-SF
2008SQW-SF
2008SQWHZ-SF



Flush Mount
2008SQBHZ-FM
2008SQHZ-FM
2008SQW-FM
2008SQWHZ-FM

Finish

Black Haze Reflector
Haze Reflector
White Reflector
Wheat Haze Reflector

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840, 930
	Optic:	S, N, F, W
	Trim Finish:	HZ, WHZ, BHZ, W

Regressed Pinhole - 1 3/8" Aperture



Self-Flanged ♦
2308SQBHZ-BL-SF
2308SQBHZ-WH-SF



Flush Mount
2308SQBHZ-BL-FM
2308SQBHZ-WH-FM

Finish

Black Trim
White Trim

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F
	Trim Finish:	BHZ-BL, BHZ-WH

Lensed Angle Cut Reflector



Self-Flanged ♦
2001SQBHZ-SF
2001SQHZ-SF
2001SQW-SF
2001SQWHZ-SF



Flush Mount
2001SQBHZ-FM
2001SQHZ-FM
2001SQW-FM
2001SQWHZ-FM

Finish

Black Haze Reflector
Haze Reflector
White Reflector
Wheat Haze Reflector



	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F
	Trim Finish:	HZ, WHZ, BHZ, W

Lensed Regressed Pinhole - 1 3/8" Aperture



Self-Flanged ♦
2301SQBHZ-BL-SF
2301SQBHZ-WH-SF



Flush Mount
2301SQBHZ-BL-FM
2301SQBHZ-WH-FM

Finish

Black Trim
White Trim



	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F
	Trim Finish:	BHZ-BL, BHZ-WH

Pinhole - 1 1/4"



Self-Flanged
2338SQBHZ-BL-SF
2338SQBHZ-WH-SF



Flush Mount
2338SQBHZ-BL-FM
2338SQBHZ-WH-FM

Finish

Black Trim
White Trim

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F
	Trim Finish:	BHZ-BL, BHZ-WH

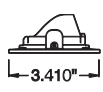
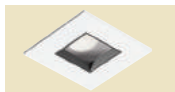
♦ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 2008SQBHZ-SFSQ)

Important: Flush mount adapter is required for flush mount trim installations. See compatible housing pages for ordering information.

Aculux® Precision Recessed | Trims for 2" LED Square Housings

Adjustables

Lensed Pinhole - 1 1/4"



Self-Flanged
2331SQBHZ-BL-SF
2331SQBHZ-WH-SF

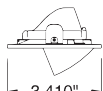


Flush Mount
2331SQBHZ-BL-FM
2331SQBHZ-WH-FM



Finish
Black Trim
White Trim

Scoop



Self-Flanged
2228SQBHZ-BL-SF
2228SQBHZ-WH-SF



Flush Mount
2228SQBHZ-BL-FM
2228SQBHZ-WH-FM



Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	BHZ-BL, BHZ-WH

Finish
Black Trim
White Trim

Wall Wash

Architectural Wall Wash



Self-Flanged ♦
2009SQBHZ-SF
2009SQHZ-SF
2009SQW-SF
2009SQWHZ-SF



Flush Mount
2009SQBHZ-FM
2009SQHZ-FM
2009SQW-FM
2009SQWHZ-FM

Finish
Black Haze Reflector
Haze Reflector
White Reflector
Wheat Haze Reflector

♦ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 2008SQBHZ-SFSQ)

Important: Flush mount adapter is required for flush mount trim installations. See compatible housing pages for ordering information.





The Art Hotel, Denver Colorado; Astula Inc. / Raul J. Garcia Photography



Precision Recessed | IC207LSQ2A, TC210LSQ2A

2" LED Recessed Square 2-Head Adjustable 700 & 1000 Lumens



Description

Energy efficient, LED IC rated or Non-IC rated multi-lamp luminaires with square aperture delivers up to 1000 lumens per head and is available with optical distributions ranging from 18° to 55°. Fixture has deep source regression for low aperture brightness.

Listings UL and cUL listed for damp or wet locations depending on trim • IC rated new construction fixture meets energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified with all color temperatures with 80 CRI

Features

- Consistent fixture to fixture color consistency within a 2-step MacAdam ellipse
- Available with field interchangeable optics in 18° spot, 24° narrow flood, 35° flood, and 45° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 50°, 55° FWHM can be achieved with the use of diffusing film
- Self Flanged and Flush Mount styles (drywall ceilings only) are available
- Optimized center beam optics translate light engine forward as it is aimed off nadir
- Choice of two drivers to accommodate voltages from 120-277 volts AC at 50/60Hz
- Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage, and electronic low voltage dimmers
- Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers
- Features patented (US Patent 8,038,113) Pro-VI™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings
- Rated life for 50,000 hrs at 70% lumen maintenance
- 5 Year Warranty

Ordering Information Example: IC207LSQD-2A-830-N-1

Housings	No. of Heads	CRI/CCT	Optic	Driver	Options
IC207LSQ 700 lm Downlight, IC rated	2A 2 Head	827 2700K, 80CRI	S 18° Spot	1 120V, Phase Dimming	CP Chicago Plenum, (CCEA Approved)
TC210LSQ 1000 lm Adjustable, Non-IC		830 3000K, 80CRI	N 24° Narrow Flood	U 120-277V 0-10V Dimming	
		835 3500K, 80CRI	F 35° Flood		
		840 4000K, 80CRI	W 45° Wide Flood		
		927 2700K, 90CRI			
		930 3000K, 90CRI			

Accessories

Catalog Number/Description

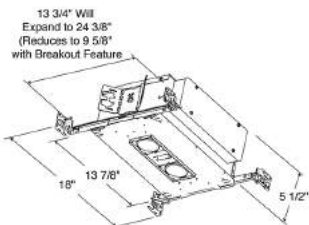
FMASQ2-2	New Construction Flush Mount Adapter for drywall ceilings only
CTASQ2-120	Thick Ceiling Adapter for .75"-1.20" thick ceiling
CTASQ2-150	Thick Ceiling Adapter for 1.20"-1.50" thick ceiling
TIR-ACLX2-SP	35° Flood Optic
TIR-ACLX2-NFL	45° Wide Flood Optic
TIR-ACLX2-FL	35° Flood Optic
TIR-ACLX2-WFL	45° Wide Flood Optic

To order, specify catalog number.

Catalog Number/Description

AF2-10	10° Film (Use with Spot Optic)
AF2-20	20° Film (Use with Spot Optic)
AF2-40	40° Film (Use with Spot Optic)
AF2-50	50° Film (Use with Spot Optic)
AF2-90x1	90°x1° Film (Use with Spot Optic)
EMI-20	20W Emergency Lighting Inverter

Dimensions



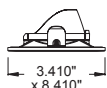
IC207LSQ2A, TC210LSQ2A



Aculux® Precision Recessed | Trims for 2" LED Square 2 Head

Adjustable Trims (Compatible with 2-Head Multiples)

Regressed Pinhole - 1 3/8" Aperture



Self-Flanged
2308SQ2BHZ-BL-SF
2308SQ2BHZ-WH-SF



Flush Mount
2308SQ2BHZ-BL-FM
2308SQ2BHZ-WH-FM

Finish
Black Trim
White Trim



Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	BHZ-BL, BHZ-WH

Lensed Regressed Pinhole - 1 3/8" Aperture



Self-Flanged
2301SQ2BHZ-BL-SF
2301SQ2BHZ-WH-SF



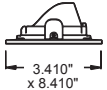
Flush Mount
2301SQ2BHZ-BL-FM
2301SQ2BHZ-WH-FM

Finish
Black Trim
White Trim



Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	BHZ-BL, BHZ-WH

Pinhole - 1 1/4"



Self-Flanged
2338SQ2BHZ-BL-SF
2338SQ2BHZ-WH-SF



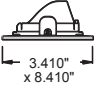
Flush Mount
2338SQ2BHZ-BL-FM
2338SQ2BHZ-WH-FM

Finish
Black Trim
White Trim



Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	BHZ-BL, BHZ-WH

Lensed Pinhole - 1 1/4"



Self-Flanged
2331SQ2BHZ-BL-SF
2331SQ2BHZ-WH-SF

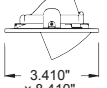


Flush Mount
2331SQ2BHZ-BL-FM
2331SQ2BHZ-WH-FM

Finish
Black Trim
White Trim



Scoop



Self-Flanged
2228SQ2BHZ-BL-SF
2228SQ2BHZ-WH-SF



Flush Mount
2228SQ2BHZ-BL-FM
2228SQ2BHZ-WH-FM

Finish
Black Trim
White Trim



Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	BHZ-BL, BHZ-WH

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 2008SQBHZ-SFSQ)

Important: Flush mount adapter is required for flush mount trim installations. See compatible housing pages for ordering information.



Precision Recessed | IC207LSQ3A, TC210LSQ3A

2" LED Recessed Square 3-Head Adjustable 700 & 1000 Lumens



Description

Energy efficient, LED IC rated or Non-IC rated multi-lamp luminaires with square aperture delivers up to 1000 lumens per head and is available with optical distributions ranging from 18° to 55°. Fixture has deep source regression for low aperture brightness.

Listings UL and cUL listed for damp or wet locations depending on trim • IC rated new construction fixture meets energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified with all color temperatures with 80 CRI

Features

- Consistent fixture to fixture color consistency within a 2-step MacAdam ellipse
- Available with field interchangeable optics in 18° spot, 24° narrow flood, 35° flood, and 45° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 50°, 55° FWHM can be achieved with the use of diffusing film
- Self Flanged and Flush Mount styles (drywall ceilings only) are available
- Optimized center beam optics translate light engine forward as it is aimed off nadir
- Choice of two drivers to accommodate voltages from 120-277 volts AC at 50/60Hz
- Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage, and electronic low voltage dimmers
- Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers
- Features patented (US Patent 8,038,113) Pro-VI™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings
- Rated life for 50,000 hrs at 70% lumen maintenance
- 5 Year Warranty

Ordering Information Example: IC207LSQD-3A-830-N-1

Housings	No. of Heads	CRI/CCT	Optic	Driver	Options
IC207LSQ 700 lm Downlight, IC rated	3A 3 Head	827 2700K, 80CRI	S 18° Spot	1 120V, Phase Dimming	CP Chicago Plenum, (CCEA Approved)
TC210LSQ 1000 lm Adjustable Non-IC		830 3000K, 80CRI	N 24° Narrow Flood	U 120-277V 0-10V Dimming	
		835 3500K, 80CRI	F 35° Flood		
		840 4000K, 80CRI	W 45° Wide Flood		
		927 2700K, 90CRI			
		930 3000K, 90CRI			

Accessories

Catalog Number/Description

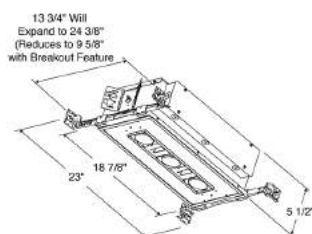
FMASQ2-3	New Construction Flush Mount Adapter for drywall ceilings
CTASQ2-120	Thick Ceiling Adapter for .75"-1.20" thick ceiling
CTASQ2-150	Thick Ceiling Adapter for 1.20"-1.50" thick ceiling
TIR-ACLX2-SP	35° Flood Optic
TIR-ACLX2-NFL	45° Wide Flood Optic
TIR-ACLX2-FL	35° Flood Optic
TIR-ACLX2-WFL	45° Wide Flood Optic

To order, specify catalog number.

Catalog Number/Description

AF2-10	10° Film (Use with Spot Optic)
AF2-20	20° Film (Use with Spot Optic)
AF2-40	40° Film (Use with Spot Optic)
AF2-50	50° Film (Use with Spot Optic)
AF2-90x1	90°x1° Film (Use with Spot Optic)
EMI-20	20W Emergency Lighting Inverter

Dimensions



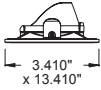
IC207LSQ3A, TC210LSQ3A



Aculux® Precision Recessed | Trims for 2" LED Square 3-Head

Adjustable Trims (Compatible with 3-Head Multiples)

Regressed Pinhole - 1 3/8" Aperture



Self-Flanged
2308SQ3BHZ-BL-SF
2308SQ3BHZ-WH-SF



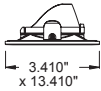
Flush Mount
2308SQ3BHZ-BL-FM
2308SQ3BHZ-WH-FM

Finish
Black Trim
White Trim



Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	BHZ-BL, BHZ-WH

Lensed Regressed Pinhole - 1 3/8" Aperture



Self-Flanged
2301SQ3BHZ-BL-SF
2301SQ3BHZ-WH-SF



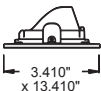
Flush Mount
2301SQ3BHZ-BL-FM
2301SQ3BHZ-WH-FM

Finish
Black Trim
White Trim

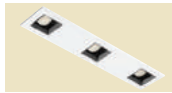


Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	BHZ-BL, BHZ-WH

Pinhole - 1 1/4"



Self-Flanged
2338SQ3BHZ-BL-SF
2338SQ3BHZ-WH-SF



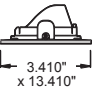
Flush Mount
2338SQ3BHZ-BL-FM
2338SQ3BHZ-WH-FM

Finish
Black Trim
White Trim



Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	BHZ-BL, BHZ-WH

Lensed Pinhole - 1 1/4"



Self-Flanged
2331SQ3BHZ-BL-SF
2331SQ3BHZ-WH-SF



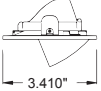
Flush Mount
2331SQ3BHZ-BL-FM
2331SQ3BHZ-WH-FM

Finish
Black Trim
White Trim



Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	BHZ-BL, BHZ-WH

Scoop



Self-Flanged
2228SQ3BHZ-BL-SF
2228SQ3BHZ-WH-SF



Flush Mount
2228SQ3BHZ-BL-FM
2228SQ3BHZ-WH-FM

Finish
Black Trim
White Trim



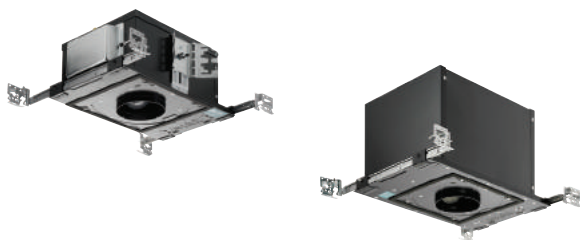
Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	BHZ-BL, BHZ-WH

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 2008SQBHZ-SFSQ)
Important: Flush mount adapter is required for flush mount trim installations. See compatible housing pages for ordering information.



Precision Recessed | IC408L, IC412L, IC415L, IC/TC420L

3 1/4" LED Adjustable Housing 800/1200/1500/2000 Lumens



Description

Recessed adjustable LED luminaire with a L70 rated life of 50,000 hours delivers up to 2000 lumens. Fixture has 50° visual cutoff and features precision geared hot-aiming. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation or Non-IC rated housing for use in non-insulated areas.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations • Wet location with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified and certified to high efficacy requirements of California T24 with select housings and trims • Union made

Features

- Patented (US Patent 8,277,090) Tru-Line™ platform allows +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ precision geared hot aiming achieves 370° rotation, 45° tilt • Optimized center beam optics translates light engine forward as it is aimed off nadir
- Choice of six drivers accommodating voltages of 120-277 volts AC are compatible with a variety of dimming systems
- Features patented (US Patent 8,038,113) Pro-VI™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings
- Available with field interchangeable optic in 12° spot, 24° narrow flood, 35° flood and 50° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 45°, 60° FWHM can be achieved with the use of diffusing films
- Patented (US Patent 8,950,911) auto adjustable optic holder maintains lens/reflector relationship and accepts up to (3) beam control lenses and/or filters
- 5 year warranty

Ordering Information Example: IC412L-830-N-U

Housing	Color Temperature	Beam Optics	Drivers	Options
IC408L 800 Lumen, IC Rated	827 2700K, 80CRI	S 12° Spot	1 120V, Forward & Reverse Phase Dimming, 5%	CP* Chicago Plenum
IC412L 1200 Lumen, IC Rated	830 3000K, 80CRI	N 24° Narrow Flood	U 120-277V	
IC415L 1500 Lumen, IC Rated	835 3500K, 80CRI	F 35° Flood	0-10V Dimming, 10%	* Chicago Plenum
IC420L 2000 Lumen, IC Rated	840 4000K, 80CRI	W 50° Wide Flood	L 120-277V	not available on IC420L
TC420L 2000 Lumen, Non-IC Rated	927 2700K, 90CRI		Lutron Hi-Lume 3-wire Dimming, EcoSystem® Compatible, 1%	
	930 3000K, 90CRI		D 120V, Lutron Hi-Lume 2-wire Dimming, 1%	
			M 120-277V, DMX512, Flying Leads	
			MRJ 120-277V, DMX512 RJ45 Interface	
			A 120-277V, DALI Dimming	

Flush Mount Adapters

FMA4	Drywall Ceiling Adapter
FMA4-SC087-WH, BL	Wood, Stone, Tile, 1/2"-7/8" Thick Ceiling, Adapter, White or Black
FMA4-SC125-WH, BL	Wood, Stone, Tile, 7/8"-1 1/4" Thick Ceiling, Adapter, White or Black
FMA4-SC163-WH, BL	Wood, Stone, Tile, 1 1/4"-1 5/8" Thick Ceiling, Adapter, White or Black



Precision Recessed | IC408L, IC412L, IC415L, IC/TC420L

3 1/4" LED Adjustable Housing 800/1200/1500/2000 Lumens



Accessories

Catalog Number/Description

TIR-ACLX3-SP	12° Spot Optic
TIR-ACLX3-NFL	24° Narrow Flood Optic
TIR-ACLX3-FL	35° Flood Optic
TIR-ACLX3-WFL	50° Wide Flood Optic
AF3-10	10° Film (Use with Spot Optic)
AF3-20	20° Film (Use with Spot Optic)
AF3-30	30° Film (Use with Spot Optic)
AF3-40	40° Film (Use with Spot Optic)
AF3-50	50° Film (Use with Spot Optic)
AF3-60x1	60°x1° Film (Use with Spot Optic)
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter

To order, specify catalog number.

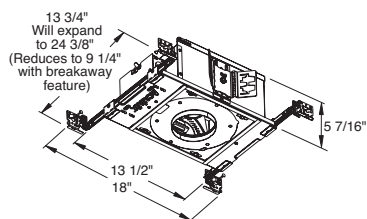
Catalog Number/Description

T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens
T7420	Diffuse Spread Lens
T7421	Uniformity Lens
T7422	UV Filter Lens

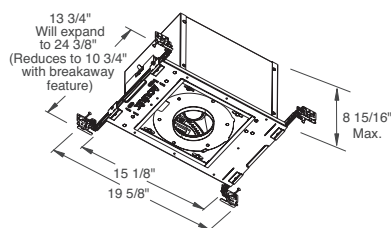
Catalog Number/Description

T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver
CTA4N-125	1 1/4" Thick Ceiling Adapter
CTA4N-163	1 5/8" Thick Ceiling Adapter
CTA4N-200	2" Thick Ceiling Adapter
HB-1	(2) Real Nail® Bar Hangers
HB-26	(2) 26" C-Channel Bar Hangers
HB-50	(2) 50" C-Channel Bar Hangers
LB-27	(2) 27" Linear Bar Hangers
EMI-20	20W Emergency Lighting Inverter

Dimensions



IC408L, IC412L, IC415L, TC420L



IC420L



Precision Recessed | IC408LR, TC412LR

3 1/4" LED Adjustable Remodel Housing 800 & 1200 Lumens



Description

Recessed adjustable LED remodel luminaire produces up to 1200 delivered lumens and has a L70 rated life of 50,000 hours. Fixture has 50° visual cutoff. Low profile housing is available in both IC and Non-IC rated configurations. Non-IC must be used in non-insulated areas or where insulation is spaced at least 3" from housing. Installs quickly and securely with patented (US Patent 7,191,993) push-pull cable system through ceiling opening.

Listings UL and cUL listed for damp locations • Wet location with approved trims • ENERGY STAR® Qualified with select housings and trims • Union made

Features

- LED Non-IC Rated remodel housing features patented (US Patent 7,191,993) "push-pull" system for quick easy installation • Requires 3" spacing from insulation
- 370° rotation and 35° adjustable tilt
- Choice of five drivers to accommodate voltages of 120-277 volts AC and compatible with a variety of dimming systems
- Compatible with ceiling thicknesses of 1/2" – 2"
- Available with field interchangeable optic in 12° spot, 24° narrow flood, 35° flood and 50° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 45°, 60° FWHM can be achieved with the use of diffusing films
- Patented (US Patent 8,950,911) auto adjustable optic holder maintains lens/reflector relationship and accepts up to (2) beam control lenses and/or filters
- 5 year warranty

Ordering Information Example: IC408LR-830-N-U

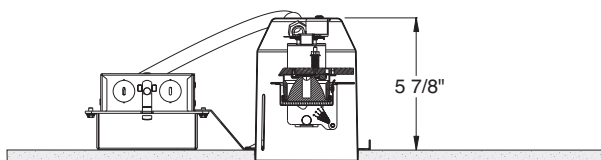
Housing	Color Temperature	Beam Optics	Drivers
IC408LR 800 Lumen, IC Rated	827 2700K, 80CRI	S 12° Spot	1 120V, Forward & Reverse Phase Dimming, 5%
TC412LR 1200 Lumen, Non-IC Rated	830 3000K, 80CRI	N 24° Narrow Flood	U 120-277V, 0-10V Dimming, 10%
	835 3500K, 80CRI	F 35° Flood	L 120-277V, Lutron Hi-Lume 3-wire Dimming, EcoSystem® Compatible, 1%
	840 4000K, 80CRI	W 50° Wide Flood	D 120V, Lutron Hi-Lume 2-wire Dimming, 1%
	927 2700K, 90CRI		A 120-277V, DALI Dimming
	930 3000K, 90CRI		

Accessories

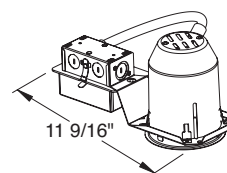
Catalog Number/Description	Catalog Number/Description	Catalog Number/Description
TIR-ACLX3-SP 12° Spot Optic	T741 Medium Pink Color Filter	T7406 Magenta Dichroic Lens
TIR-ACLX3-NFL 24° Narrow Flood Optic	T742 Warm Red Color Filter	T7411 Blue Green (Cyan) Dichroic Lens
TIR-ACLX3-FL 35° Flood Optic	T743 Daylight Blue Color Filter	T7416 Daylight Blue Correction Lens
TIR-ACLX3-WFL 50° Wide Flood Optic	T744 Medium Blue Color Filter	T7420 Diffuse Spread Lens
AF3-10 10° Film (Use with Spot Optic)	T745 Medium Amber Color Filter	T7421 Uniformity Lens
AF3-20 20° Film (Use with Spot Optic)	T746 Medium Green Color Filter	T7422 UV Filter Lens
AF3-30 30° Film (Use with Spot Optic)	T7401 Red Dichroic Lens	T7477 Prismatic Lens
AF3-40 40° Film (Use with Spot Optic)	T7403 Medium Green Dichroic Lens	T7478 Linear Spread Lens
AF3-50 50° Film (Use with Spot Optic)	T7404 Medium Blue Dichroic Lens	T7459BL Hexcell Louver
AF3-60x1 60°x1° Film (Use with Spot Optic)	T7405 Yellow Dichroic Lens	EMI-20 20W Emergency Lighting Inverter

To order, specify catalog number.

Dimensions



4 3/8" Ceiling Cutout

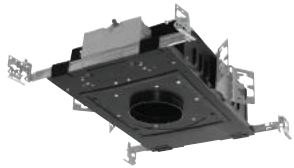




Precision Recessed | IC408LP, IC412LP, IC415LP, TC420LP

Low Profile 3 1/4" LED Adjustable Housing

800/1200/1500/2000 Lumens



Description

Low Profile recessed adjustable LED luminaire is less than 4" tall and delivers up to 2000 lumens. Fixture has 50° visual cutoff and features precision geared hot-aiming. IC rated housing can be used in direct contact with insulation and is Air-Loc rated, eliminating leak-paths to ensure maximum energy savings and control plenum sound transmission. Non-IC rated housing must be used in non-insulated areas.

Listings UL and cUL listed for damp locations or wet locations depending on trims • IC housings meet energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified and certified to high efficacy requirements of California T24 with select housings and trims • Union made

Features

- Low Profile, 4" Tall Housing
- Patented (US Patent 8,277,090) Tru-Line™ platform allows +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ precision geared hot aiming achieves 370° rotation, 45° tilt • Optimized center beam optics translates light engine forward as it is aimed off nadir
- Choice of six drivers accommodating voltages of 120-277 volts AC are compatible with a variety of dimming systems
- Features patented (US Patent 8,038,113) Pro-VI™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings and adjustable mounting brackets for suspended ceilings
- Available with field interchangeable optic in 12° spot, 24° narrow flood, 35° flood and 50° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 45°, 60° FWHM can be achieved with the use of diffusing films
- Patented (US Patent 8,950,911) auto adjustable optic holder maintains lens/reflector relationship and accepts up to (2) beam control lenses and/or filters
- 5 year warranty

Ordering Information Example: IC412LP-830-N-U

Low Profile Housing	Color Temperature	Beam Optics	Drivers
IC408LP 800 Lumen, IC Rated	827 2700K, 80CRI	S 12° Spot	1 120V, Forward & Reverse Phase Dimming, 5%
IC412LP 1200 Lumen, IC Rated	830 3000K, 80CRI	N 24° Narrow Flood	U 120-277V, 0-10V Dimming
IC415LP 1500 Lumen, IC Rated	835 3500K, 80CRI	F 35° Flood	L 120-277V, Lutron Hi-Lume 3-wire Dimming, EcoSystem® Compatible, 1%
TC420LP 2000 Lumen, Non-IC Rated	840 4000K, 80CRI	W 50° Wide Flood	D 120V, Lutron Hi-Lume 2-wire Dimming, 1%
	927 2700K, 90CRI		M 120-277V, DMX512, Flying Leads
	930 3000K, 90CRI		MRJ 120-277V, DMX512 RJ45 Interface
			A 120-277V, DALI Dimming

Flush Mount Adapters

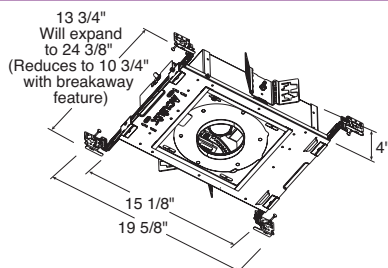
FMA4	Drywall Ceiling Adapter
FMA4-SC087-WH, BL	Wood, Stone, Tile, 1/2"-7/8" Thick Ceiling, Adapter, White or Black
FMA4-SC125-WH, BL	Wood, Stone, Tile, 7/8"-1 1/4" Thick Ceiling, Adapter, White or Black
FMA4-SC163-WH, BL	Wood, Stone, Tile, 1 1/4"-1 5/8" Thick Ceiling, Adapter, White or Black

Accessories

Catalog Number/Description	Catalog Number/Description	Catalog Number/Description
TIR-ACLX3-SP 12° Spot Optic	T744 Medium Blue Color Filter	T7477 Prismatic Lens
TIR-ACLX3-NFL 24° Narrow Flood Optic	T745 Medium Amber Color Filter	T7478 Linear Spread Lens
TIR-ACLX3-FL 35° Flood Optic	T746 Medium Green Color Filter	T7459BL Hexcell Louver
TIR-ACLX3-WFL 50° Wide Flood Optic	T7401 Red Dichroic Lens	CTA4N-125 1 1/4" Thick Ceiling Adapter
AF3-10 10" Film (Use with Spot Optic)	T7403 Medium Green Dichroic Lens	CTA4N-163 1 5/8" Thick Ceiling Adapter
AF3-20 20" Film (Use with Spot Optic)	T7404 Medium Blue Dichroic Lens	CTA4N-200 2" Thick Ceiling Adapter
AF3-30 30" Film (Use with Spot Optic)	T7405 Yellow Dichroic Lens	HB-1 (2) Real Nail® Bar Hangers
AF3-40 40" Film (Use with Spot Optic)	T7406 Magenta Dichroic Lens	HB-26 (2) 26" C-Channel Bar Hangers
AF3-50 50" Film (Use with Spot Optic)	T7411 Blue Green (Cyan) Dichroic Lens	HB-50 (2) 50" C-Channel Bar Hangers
AF3-60x1 60"x1" Film (Use with Spot Optic)	T7416 Daylight Blue Correction Lens	LB-27 (2) 27" Linear Bar Hangers
T741 Medium Pink Color Filter	T7420 Diffuse Spread Lens	EMI-20 20W Emergency Lighting Inverter
T742 Warm Red Color Filter	T7421 Uniformity Lens	
T743 Daylight Blue Color Filter	T7422 UV Filter Lens	

To order, specify catalog number.

Dimensions

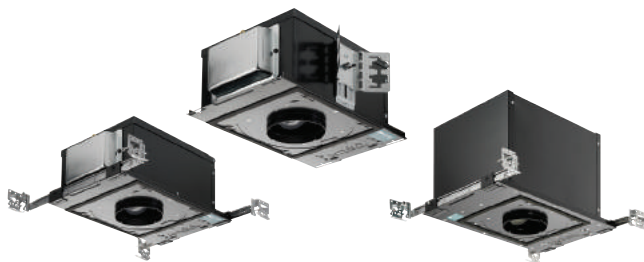




Precision Recessed | IC(9)43T, IC49T, TC(9)49T

3 1/4" LED Adjustable Housing, Black Body Dimming & Tunable White

700 & 1000 Lumens



Description

Recessed adjustable LED luminaire features both Black Body Dimming and Tunable White technology in a single fixture. In Black Body Dimming mode, the luminaire duplicates halogen dimming, creating a natural warm glow as the CCT shifts from 3000K to less than 1800K when dimmed. In Tunable White mode, the CCT can be adjusted anywhere along the Planckian locus from 2000K through 4350K independent of dimming. Aculux Black Body Dimming and Tunable White luminaires feature a sealed Air-Loc® housing and is available in both IC and Non-IC rated configurations.

Listings UL and cUL listed for through branch wiring, damp or wet locations depending on trim • Meets energy code Air Leakage requirements per ASTM E283 • Union made

Features

- With single dimmer connected, the light engine duplicates halogen, with the CCT shifting from 3000K at 100% to 1800K when dimmed to 1%
- Connect a second dimmer to engage Tunable White mode, featuring independent dimming and CCT tuning from 2000K through 4350K
- Black Body Dimming and CCT Tuning are compatible with most 0-10V protocol dimmers
- Field interchangeable optics available with 21° very narrow flood, 27° narrow flood, 36° flood distributions, and 50° wide flood distribution
- Acu-Aim™ precision geared hot-aiming achieves 370° rotation, 45° tilt
- Trim Ring, Self Flanged and Flush Mount reflectors available
- Rated life for 50,000 hrs at 70% lumen maintenance
- Available with either patented (US Patent 8,038,113) Pro-VI™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings, or with vertically adjustable mounting brackets (butterfly brackets). Specify mounting style when ordering
- Patented (US Patent 8,950,911) auto adjustable optic holder maintains lens/reflector relationship and accepts up to (3) beam control lenses and/or filters
- 5 year warranty

Ordering Information Example: TC949T-W-N-U1

Housing		Tunable White Range	Beam Spread	Voltage/Dimming ¹	Options
		-		-	
IC43T	700 Lumen, Bar Hangers (IC)	W 4350K-2000K	V 21° Very Narrow Flood	U 120-277V, 0-10V Dimming	CP* Chicago Plenum
IC943T	700 Lumen, Butterfly Brackets (IC)		N 27° Narrow Flood	U1 120V 0-10V Dimming	
IC49T	1000 Lumen, Bar Hangers (IC)		F 36° Flood	U2 277V, 0-10V Dimming	
TC49T	1000 Lumen, Bar Hangers (Non-IC)				
TC949T	1000 Lumen, Butterfly Brackets (Non-IC)				

* Not available on IC49T Housing.

¹ IC is Universal voltage. Specify voltage for Non-IC products.

Flush Mount Adapters

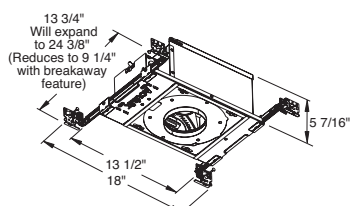
FMA4	Drywall Ceiling Adapter
FMA4-SC087-WH, BL	Wood, Stone, Tile, 1/2"-7/8" Thick Ceiling, Adapter, White or Black
FMA4-SC125-WH, BL	Wood, Stone, Tile, 7/8"-1 1/4" Thick Ceiling, Adapter, White or Black
FMA4-SC163-WH, BL	Wood, Stone, Tile, 1 1/4"-1 5/8" Thick Ceiling, Adapter, White or Black

Accessories

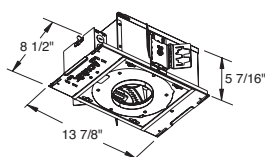
Catalog Number/Description	Catalog Number/Description	Catalog Number/Description
TIR-TW-V 21° Very Narrow Flood Optic	T744 Medium Blue Color Filter	T7477 Prismatic Lens
TIR-TW-N 27° Narrow Flood Optic	T745 Medium Amber Color Filter	T7478 Linear Spread Lens
TIR-TW-F 36° Flood Optic	T746 Medium Green Color Filter	T7459BL Hexcell Louver
AF3-10 10° Film (Use with Spot Optic)	T7401 Red Dichroic Lens	CTA4N-125 1 1/4" Thick Ceiling Adapter
AF3-20 20° Film (Use with Spot Optic)	T7403 Medium Green Dichroic Lens	CTA4N-163 1 5/8" Thick Ceiling Adapter
AF3-30 30° Film (Use with Spot Optic)	T7404 Medium Blue Dichroic Lens	CTA4N-200 2" Thick Ceiling Adapter
AF3-40 40° Film (Use with Spot Optic)	T7405 Yellow Dichroic Lens	HB-1 (2) Real Nail® Bar Hangers
AF3-50 50° Film (Use with Spot Optic)	T7406 Magenta Dichroic Lens	HB-26 (2) 26" C-Channel Bar Hangers
AF3-60x1 60°x1" Film (Use with Spot Optic)	T7411 Blue Green (Cyan) Dichroic Lens	HB-50 (2) 50" C-Channel Bar Hangers
T741 Medium Pink Color Filter	T7416 Daylight Blue Correction Lens	LB-27 (2) 27" Linear Bar Hangers
T742 Warm Red Color Filter	T7420 Diffuse Spread Lens	EMI-20 20W Emergency Lighting Inverter
T743 Daylight Blue Color Filter	T7422 UV Filter Lens	

To order, specify catalog number.

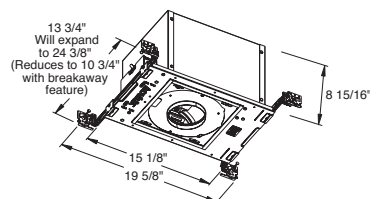
Dimensions



IC43T, TC49T



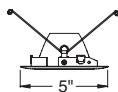
IC943T, TC949T



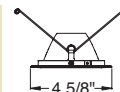
IC49T

Downlights

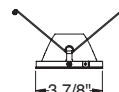
Deep Downlight Cone



Trim Ring
437NB-ABZ
437NB-SC
437NB-WH
437NC-WH
437NHZ-SC
437NHZ-WH
437NWHZ-ABZ
437NWHZ-WH



Self-Flanged ◇
437NB-SF
437NC-SF
437NHZ-SF
437NWHZ-SF



Flush Mount ‡‡
437NB-FM
437NC-FM
437NHZ-FM
437NWHZ-FM

Finish

Black Specular, Cone
Black Specular, Cone
Black Specular, Cone
Clear Specular, Cone
Haze, Cone
Haze, Cone
Wheat Haze, Cone
Wheat Haze, Cone

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ

	Construction:	Type IC
	CCT/CRI:	927, 930
	Optic:	S, N, F, W
	Trim Finish:	B, C, HZ, WHZ

Deep Downlight Baffle



Trim Ring
434NB-ABZ
434NB-SC
434NB-WH
434NW-WH

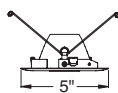
Finish

Black Baffle
Black Baffle
Black Baffle
White Baffle

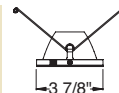
	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840, 930
	Optic:	S, N, F, W
	Trim Finish:	W

	Construction:	Type IC
	CCT/CRI:	927, 930
	Optic:	S, N, F, W
	Trim Finish:	W

Downlight 1 1/4" Pinhole with Black Alzak® Reflector



Trim Ring
4337N-ABZ
4337N-BL
4337N-SC
4337N-WH

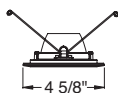


Flush Mount ‡‡
4337N-BL-FM
4337N-WH-FM

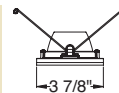
Finish

Aged Bronze Trim
Black Trim
Satin Chrome Trim
White Trim

Downlight Regressed 1 3/4" Pinhole with Black Alzak® Reflector



Trim Ring
4307N-BL
4307N-WH



Flush Mount ‡‡
4307N-BL
4307N-WH

Finish

Black Trim
White Trim

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840, 930
	Optic:	S, N, F

	Construction:	Type IC
	CCT/CRI:	927, 930
	Optic:	S, N, F

Trim Ring Finish: ABZ - Classic Aged Bronze, SC - Satin Chrome, WH - White

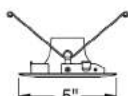
‡‡ Not compatible with IC408LR, TC412LR

◇ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 437NB-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

Downlights (cont)

Hyperbolic Downlight Reflector



Trim Ring

4017NB-WH
4017NC-WH
4017NW-WH
4017NHZ-WH
4017NWHZ-WH



Self-Flanged ◇

4017NB-SF
4017NC-SF
4017NW-SF
4017NHZ-SF
4017NWHZ-SF



Flush Mount ‡‡

4017NB-FM
4017NC-FM
4017NW-FM
4017NHZ-FM
4017NWHZ-FM

Finish

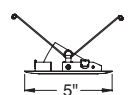
Black Specular, Cone
Clear Specular, Cone
White Specular, Cone
Haze, Cone
Wheat Haze, Cone

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ

	Construction:	Type IC
	CCT/CRI:	927, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ

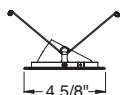
Adjustables

Angle-Cut Cone



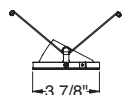
Trim Ring

438NB-ABZ
438NB-SC
438NB-WH
438NC-WH
438NHZ-SC
438NHZ-WH
438NWHZ-ABZ
438NWHZ-WH



Self-Flanged ◇

438NB-SF
438NC-SF
438NHZ-SF
438NWHZ-SF



Flush Mount ‡‡

438NB-FM
438NC-FM
438NHZ-FM
438NWHZ-FM

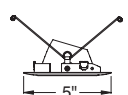
Finish

Black Specular, Cone
Black Specular, Cone
Black Specular, Cone
Clear Specular, Cone
Haze, Cone
Haze, Cone
Wheat Haze, Cone
Wheat Haze, Cone

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ

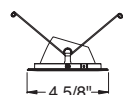
	Construction:	Type IC
	CCT/CRI:	927, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ

20° Angle-Cut Cone



Trim Ring

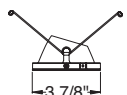
430NB-WH
430NC-WH
430NHZ-SC
430NHZ-WH
430NWHZ-ABZ
430NWHZ-WH



Self-Flanged ◇

430NB-SF
430NC-SF

430NHZ-SF
430NWHZ-SF



Flush Mount ‡‡

430NB-FM
430NC-FM

430NHZ-FM
430NWHZ-FM

Finish

Black Specular, Cone
Clear Specular, Cone
Haze, Cone
Haze, Cone
Wheat Haze, Cone
Wheat Haze, Cone

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ

	Construction:	Type IC
	CCT/CRI:	927, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ

Trim Ring Finish: ABZ - Classic Aged Bronze, SC - Satin Chrome, WH - White

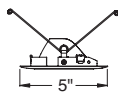
‡‡ Not compatible with IC408LR, TC412LR

◇ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 437NB-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

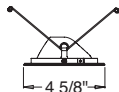
Adjustables (cont)

Slot Angle-Cut Cone



Trim Ring

436NB-ABZ
436NB-SC
436NB-WH
436NC-WH
436NHZ-SC
436NHZ-WH
436NWHZ-ABZ
436NWHZ-WH

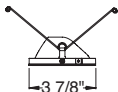


Self-Flanged ◇

436NB-SF
436NC-SF

436NHZ-SF

436NWHZ-SF



Flush Mount ††

436NB-FM
436NC-FM

436NHZ-FM

436NWHZ-FM

Finish

Black Specular, Cone
Black Specular, Cone
Black Specular, Cone
Clear Specular, Cone
Haze, Cone
Haze, Cone
Wheat Haze, Cone
Wheat Haze, Cone

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ

	Construction:	Type IC
	CCT/CRI:	927, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ

Angle-Cut Baffle



Trim Ring

435NB-ABZ
435NB-SC
435NB-WH
435NW-WH

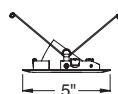
Finish

Black Baffle
Black Baffle
Black Baffle
White Baffle

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ

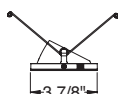
	Construction:	Type IC
	CCT/CRI:	927, 930
	Optic:	S, N, F, W
	Trim Finish:	C, HZ, WHZ

Adjustable 1 1/4" Pinhole with Black Alzak® Reflector



Trim Ring

433N-ABZ
433N-BL
433N-SC
433N-WH



Flush Mount ††

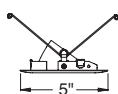
433N-BL-FM

433N-WH-FM

Finish

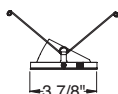
Aged Bronze Trim
Black Trim
Satin Chrome Trim
White Trim

Adjustable 1 3/4" Pinhole with Black Alzak® Reflector



Trim Ring

4335N-ABZ
4335N-BL
4335N-SC
4335N-WH



Flush Mount ††

4335N-BL-FM

4335N-WH-FM

Finish

Aged Bronze Trim
Black Trim
Satin Chrome Trim
White Trim

Trim Ring Finish: ABZ - Classic Aged Bronze, SC - Satin Chrome, WH - White

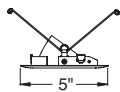
†† Not compatible with IC408LR, TC412LR

◇ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 437NB-SFWH)

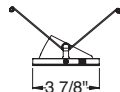
Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

Adjustables (cont)

Slot Pinhole with Black Alzak® Reflector - 1 3/4" x 2 1/2"



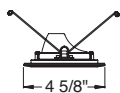
Trim Ring
4345N-BL
4345N-WH



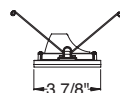
Flush Mount ‡‡
4345N-BL-FM
4345N-WH-FM

Finish
Black Trim
White Trim

Adjustable Regressed 1 3/4" Pinhole with Black Alzak® Reflector



Trim Ring
4308N-BL
4308N-WH



Flush Mount
4308N-BL-FM
4308N-WH-FM

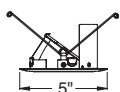
Finish
Black Trim
White Trim

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F

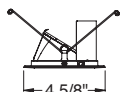
	Construction:	Type IC
	CCT/CRI:	927, 930
	Optic:	S, N, F

Wall Wash

Lensed Wall Wash Cone

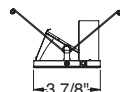


Trim Ring
439NB-WH
439NC-WH
439NW-WH
439NHZ-SC
439NHZ-WH
439NWHZ-ABZ
439NWHZ-WH



Self-Flanged ◇
439NB-SF
439NC-SF
439NW-SF

439NHZ-SF
439NWHZ-SF



Flush Mount ‡‡
439NB-FM
439NC-FM
439NW-FM

439NHZ-FM
439NWHZ-FM

Finish
Black Specular, Cone
Clear Specular, Cone
White Cone
Haze, Cone
Haze, Cone
Wheat Haze, Cone
Wheat Haze, Cone

Trim Ring Finish: ABZ - Classic Aged Bronze, SC - Satin Chrome, WH - White

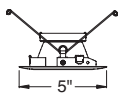
‡‡ Not compatible with IC408LR, TC412LR

◇ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 437NB-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

Lensed

Downlight Lensed Cone



Trim Ring

432NB-WH
432NC-WH
432NHZ-SC
432NHZ-WH
432NWHZ-ABZ
432NWHZ-WH



Self-Flanged ◇

432NB-SF
432NC-SF

432NHZ-SF
432NWHZ-SF



Flush Mount ‡‡

432NB-FM
432NC-FM

432NHZ-FM
432NWHZ-FM

Finish

Black Specular, Cone
Clear Specular, Cone
Haze, Cone
Haze, Cone
Wheat Haze, Cone
Wheat Haze, Cone

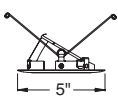


Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	C, HZ, WHZ



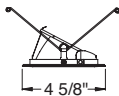
Construction:	Type IC
CCT/CRI:	927, 930
Optic:	S, N, F, W
Trim Finish:	C, HZ, WHZ

Angle-Cut Lensed Cone



Trim Ring

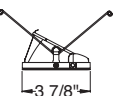
431NB-WH
431NC-WH
431NHZ-SC
431NHZ-WH
431NWHZ-ABZ
431NWHZ-WH



Self-Flanged ◇

431NB-SF
431NC-SF

431NHZ-SF
431NWHZ-SF



Flush Mount ‡‡

431NB-FM
431NC-FM

431NHZ-FM
431NWHZ-FM

Finish

Black Specular, Cone
Clear Specular, Cone
Haze, Cone
Haze, Cone
Wheat Haze, Cone
Wheat Haze, Cone

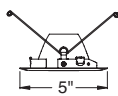


Construction:	Type IC & Non-IC
CCT/CRI:	827, 830, 835, 840
Optic:	S, N, F
Trim Finish:	C, HZ, WHZ



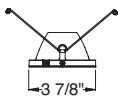
Construction:	Type IC
CCT/CRI:	927, 930
Optic:	S, N, F, W
Trim Finish:	C, HZ, WHZ

Downlight 1 1/4" Pinhole with Stippled Clear Uniformity Lens



Trim Ring

4332N-ABZ
4332N-BL
4332N-SC
4332N-WH



Flush Mount ‡‡

4332N-BL-FM
4332N-WH-FM

Finish

Aged Bronze Trim
Black Trim
Satin Chrome Trim
White Trim



Trim Ring Finish: ABZ - Classic Aged Bronze, SC - Satin Chrome, WH - White

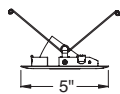
‡‡ Not compatible with IC408LR, TC412LR

◇ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 437NB-SFWH)

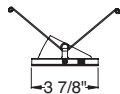
Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

Lensed (cont)

Adjustable 1 1/4" Pinhole with Stippled Clear Uniformity Lens



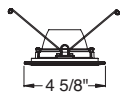
Trim Ring
4331N-ABZ
4331N-BL
4331N-SC
4331N-WH



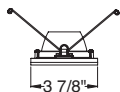
Flush Mount ‡‡
4331N-BL-FM
4331N-WH-FM

Finish
Aged Bronze Trim
Black Trim
Satin Chrome Trim
White Trim

Downlight Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens



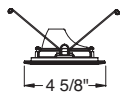
Trim Ring
4302N-BL
4302N-WH



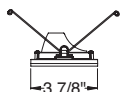
Flush Mount ‡‡
4302N-BL-FM
4302N-WH-FM

Finish
Black Trim
White Trim

Adjustable Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens



Trim Ring
4301N-BL
4301N-WH



Flush Mount ‡‡
4301N-BL-FM
4301N-WH-FM

Finish
Black Trim
White Trim

Trim Ring Finish: ABZ - Classic Aged Bronze, SC - Satin Chrome, WH - White

‡‡ Not compatible with IC408LR, TC412LR

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 437NB-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

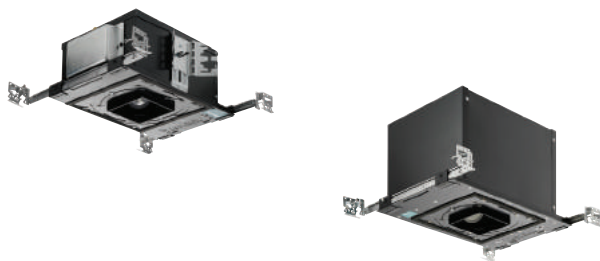


NY Loft, New York City, New York, Mark Steele Photography



Precision Recessed | IC408LSQ, IC412LSQ, IC415LSQ, IC/TC420LSQ

3 1/4" LED Adjustable Square Housing 800/1200/1500/2000 Lumens



Description

Recessed adjustable LED luminaire with a L70 rated life of 50,000 hours delivers up to 2000 lumens. Fixture has 50° visual cutoff and features precision geared hot-aiming. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation or Non-IC rated housing for use in non-insulated areas.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations • Wet location with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified and certified to high efficacy requirements of California T24 with select housings and trims • Union made

Features

- Patented (US Patent 8,277,090) Tru-Line™ platform allows +/-1/2" aperture translation and +/-45° aperture rotation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ precision geared hot aiming achieves 370° rotation, 45° tilt
- Choice of six drivers accommodating voltages of 120-277 volts AC are compatible with a variety of dimming systems
- Features patented (US Patent 8,038,113) Pro-VI™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings
- Available with field interchangeable optic in 12° spot, 24° narrow flood, 35° flood and 50° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 45°, 60° FWHM can be achieved with the use of diffusing films
- Patented (US Patent 8,950,911) auto adjustable optic holder maintains lens/reflector relationship and accepts up to (3) beam control lenses and/or filters
- 5 year warranty

Ordering Information Example: IC420LSQ-830-N-U

Housing	Color Temperature	Beam Optics	Drivers	Options
IC408LSQ 800 Lumen, IC Rated	827 2700K, 80CRI	S 12° Spot	1 120V, Forward & Reverse Phase Dimming, 5%	CP* Chicago Plenum
IC412LSQ 1200 Lumen, IC Rated	830 3000K, 80CRI	N 24° Narrow Flood	U 120-277V	
IC415LSQ 1500 Lumen, IC Rated	835 3500K, 80CRI	F 35° Flood	0-10V Dimming, 10%	* Chicago Plenum not available on IC420LSQ
IC420LSQ 2000 Lumen, IC Rated	840 4000K, 80CRI	W 50° Wide Flood	L 120-277V Lutron Hi-Lume 3-wire Dimming, EcoSystem® Compatible, 1%	
TC420LSQ 2000 Lumen, Non-IC Rated	927 2700K, 90CRI		D 120V, Lutron Hi-Lume 2-wire Dimming, 1%	
	930 3000K, 90CRI		M 120-277V, DMX512, Flying Leads	
			MRJ 120-277V, DMX512 RJ45 Interface	
			A 120-277V, DALI Dimming	

Flush Mount Adapters

FMSQ4	Drywall Ceiling Adapter
FMSQ4-SC100-WH, BL	Wood, Stone, Tile, 1/2"-1" Thick Ceiling, Adapter, White or Black
FMSQ4-SC138-WH, BL	Wood, Stone, Tile, 1"-1 3/8" Thick Ceiling, Adapter, White or Black
FMSQ4-SC175-WH, BL	Wood, Stone, Tile, 1 3/8"-1 3/4" Thick Ceiling, Adapter, White or Black





Precision Recessed | IC408LSQ, IC412LSQ, IC415LSQ, IC/TC420LSQ

3 1/4" LED Adjustable Square Housing 800/1200/1500/2000 Lumens



Accessories

Catalog Number/Description

TIR-ACLX3-SP	12° Spot Optic
TIR-ACLX3-NFL	24° Narrow Flood Optic
TIR-ACLX3-FL	35° Flood Optic
TIR-ACLX3-WFL	50° Wide Flood Optic
AF3-10	10° Film (Use with Spot Optic)
AF3-20	20° Film (Use with Spot Optic)
AF3-30	30° Film (Use with Spot Optic)
AF3-40	40° Film (Use with Spot Optic)
AF3-50	50° Film (Use with Spot Optic)
AF3-60x1	60°x1° Film (Use with Spot Optic)
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter

To order, specify catalog number.

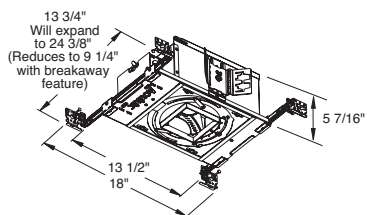
Catalog Number/Description

T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens
T7420	Diffuse Spread Lens
T7421	Uniformity Lens
T7422	UV Filter Lens

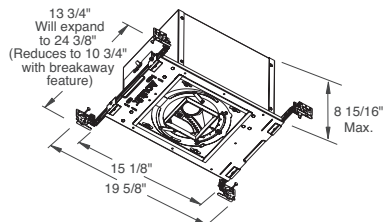
Catalog Number/Description

T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver
CTA4SQ-125	1 1/4" Thick Ceiling Adapter
CTA4SQ-163	1 5/8" Thick Ceiling Adapter
CTA4SQ-200	2" Thick Ceiling Adapter
HB-1	(2) Real Nail® Bar Hangers
HB-26	(2) 26" C-Channel Bar Hangers
HB-50	(2) 50" C-Channel Bar Hangers
LB-27	(2) 27" Linear Bar Hangers
EMI-20	20W Emergency Lighting Inverter

Dimensions



IC408LSQ, IC412LSQ, IC415LSQ, TC420LSQ



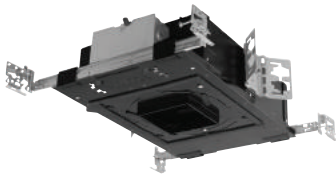
IC420LSQ



Precision Recessed | IC408LPSQ, IC412LPSQ, IC415LPSQ, TC420LPSQ

Low Profile 3 1/4" LED Adjustable Square Housing

800/1200/1500/2000 Lumens



Description

Low Profile recessed adjustable LED luminaire is less than 4" tall and delivers up to 2000 lumens. Fixture has 50° visual cutoff and features precision geared hot-aiming. IC rated housing can be used in direct contact with insulation and is Air-Loc rated, eliminating leak-paths to ensure maximum energy savings and control plenum sound transmission. Non-IC rated housing must be used in non-insulated areas.

Listings UL and cUL listed for damp locations or wet locations depending on trims • IC housings meet energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified and certified to high efficacy requirements of California T24 with select housings and trims • Union made

Features

- Low Profile, 4" Tall Housing
- Patented (US Patent 8,277,090) Tru-Line™ platform allows +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ precision geared hot aiming achieves 370° rotation, 45° tilt • Optimized center beam optics translates light engine forward as it is aimed off nadir
- Choice of six drivers accommodating voltages of 120-277 volts AC are compatible with a variety of dimming systems
- Features patented (US Patent 8,038,113) Pro-VI™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings and adjustable mounting brackets for suspended ceilings
- Available with field interchangeable optic in 12° spot, 24° narrow flood, 35° flood and 50° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 45°, 60° FWHM can be achieved with the use of diffusing films
- Patented (US Patent 8,950,911) auto adjustable optic holder maintains lens/reflector relationship and accepts up to (2) beam control lenses and/or filters
- 5 year warranty

Ordering Information Example: IC420LPSQ-830-N-U

Low Profile Housing	Color Temperature	Beam Optics	Drivers
IC408LPSQ 800 Lumen, IC Rated	827 2700K, 80CRI	S 12° Spot N 24° Narrow Flood	1 120V, Forward & Reverse Phase Dimming, 5% 120-277V
IC412LPSQ 1200 Lumen, IC Rated	830 3000K, 80CRI	F 35° Flood	U 0-10V Dimming 120-277V, Lutron Hi-Lume 3-wire Dimming, EcoSystem® Compatible, 1%
IC415LPSQ 1500 Lumen, IC Rated	835 3500K, 80CRI	W 50° Wide Flood	L 120-277V, Lutron Hi-Lume 2-wire Dimming, 1% 120-277V, DMX512, Flying Leads
TC420LPSQ 2000 Lumen, Non-IC Rated	840 4000K, 80CRI		MRJ 120-277V, DMX512 RJ45 Interface
	927 2700K, 90CRI		A 120-277V, DALI Dimming
	930 3000K, 90CRI		

Flush Mount Adapters

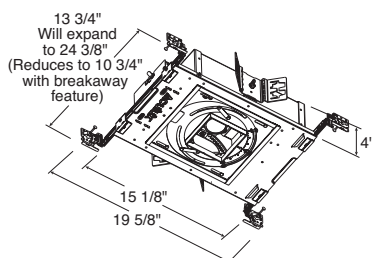
FMSQ4	Drywall Ceiling Adapter
FMSQ4-SC100-WH, BL	Wood, Stone, Tile, 1/2"-1" Thick Ceiling, Adapter, White or Black
FMSQ4-SC138-WH, BL	Wood, Stone, Tile, 1"-1 3/8" Thick Ceiling, Adapter, White or Black
FMSQ4-SC175-WH, BL	Wood, Stone, Tile, 1 3/8"-1 3/4" Thick Ceiling, Adapter, White or Black

Accessories

Catalog Number/Description	Catalog Number/Description	Catalog Number/Description
TIR-ACLX3-SP 12° Spot Optic	T744 Medium Blue Color Filter	T7477 Prismatic Lens
TIR-ACLX3-NFL 24° Narrow Flood Optic	T745 Medium Amber Color Filter	T7478 Linear Spread Lens
TIR-ACLX3-FL 35° Flood Optic	T746 Medium Green Color Filter	T7459BL Hexcell Louver
TIR-ACLX3-WFL 50° Wide Flood Optic	T7401 Red Dichroic Lens	CTA45Q-125 1 1/4" Thick Ceiling Adapter
AF3-10 10° Film (Use with Spot Optic)	T7403 Medium Green Dichroic Lens	CTA45Q-163 1 5/8" Thick Ceiling Adapter
AF3-20 20° Film (Use with Spot Optic)	T7404 Medium Blue Dichroic Lens	CTA45Q-200 2" Thick Ceiling Adapter
AF3-30 30° Film (Use with Spot Optic)	T7405 Yellow Dichroic Lens	HB-1 (2) Real Nail® Bar Hangers
AF3-40 40° Film (Use with Spot Optic)	T7406 Magenta Dichroic Lens	HB-26 (2) 26" C-Channel Bar Hangers
AF3-50 50° Film (Use with Spot Optic)	T7411 Blue Green (Cyan) Dichroic Lens	HB-50 (2) 50" C-Channel Bar Hangers
AF3-60x1 60"x1" Film (Use with Spot Optic)	T7416 Daylight Blue Correction Lens	LB-27 (2) 27" Linear Bar Hangers
T741 Medium Pink Color Filter	T7420 Diffuse Spread Lens	EMI-20 20W Emergency Lighting Inverter
T742 Warm Red Color Filter	T7421 Uniformity Lens	
T743 Daylight Blue Color Filter	T7422 UV Filter Lens	

To order, specify catalog number.

Dimensions





Precision Recessed | IC(9)43TSQ, IC49TSQ, TC(9)49TSQ

3 1/4" LED Adjustable Square Housing, Black Body Dimming & Tunable White

700 & 1000 Lumens



Description

Recessed adjustable LED luminaire features both Black Body Dimming and Tunable White technology in a single fixture. In Black Body Dimming mode, the luminaire duplicates halogen dimming, creating a natural warm glow as the CCT shifts from 3000K to less than 1800K when dimmed. In Tunable White mode, the CCT can be adjusted anywhere along the Planckian locus from 2000K through 4350K independent of dimming. Aculux Black Body Dimming and Tunable White luminaires feature a sealed Air-Loc® housing and is available in both IC and Non-IC rated configurations.

Listings UL and cUL listed for through branch wiring, damp or wet locations depending on trim • Meets energy code Air Leakage requirements per ASTM E283 • Union made.

Features

- With single dimmer connected, the light engine duplicates halogen, with the CCT shifting from 3000K at 100% to 1800K when dimmed to 1%
- Connect a second dimmer to engage Tunable White mode, featuring independent dimming and CCT tuning from 2000K through 4350K
- Black Body Dimming and CCT Tuning are compatible with most 0-10V protocol dimmers
- Field interchangeable optics available with 21° very narrow flood, 27° narrow flood, 36° flood distributions and 50° wide flood distribution
- Patent Pending Acu-Aim™ precision geared hot-aiming achieves 370° rotation, 45° tilt
- Trim Ring, Self Flanged and Flush Mount reflectors available
- Rated life for 50,000 hrs at 70% lumen maintenance
- Available with either patented (US Patent 8,038,113) Pro-VIT™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings, or with vertically adjustable mounting brackets (butterfly brackets). Specify mounting style when ordering
- Patented (US Patent 8,950,911) auto adjustable optic holder maintains lens/reflector relationship and accepts up to (3) beam control lenses and/or filters
- 5 year warranty

Ordering Information Example: TC949TSQ-W-N-U1

Housing	Tunable White Range	Beam Spread	Voltage/Dimming ¹	Options
IC43TSQ	700 Lumen, Bar Hangers (IC)	W 4350K-2000K	V 21° Very Narrow Flood	U 120-277V, 0-10V Dimming
IC943TSQ	700 Lumen, Butterfly Brackets (IC)	N 27° Narrow Flood	U1 120V 0-10V Dimming	CP* Chicago Plenum
IC49TSQ	1000 Lumen, Bar Hangers (IC)	F 36° Flood	U2 277V, 0-10V Dimming	
TC49TSQ	1000 Lumen, Bar Hangers (Non-IC)			
TC949TSQ	1000 Lumen, Butterfly Brackets (Non-IC)			

* Not available on IC49TSQ Housing.

¹ IC is Universal voltage. Specify voltage for Non-IC products.

Flush Mount Adapters

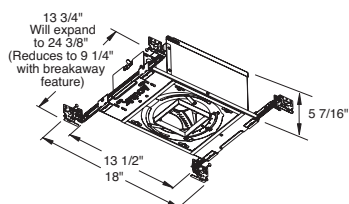
FMSQ4	Drywall Ceiling Adapter
FMSQ4-SC100-WH, BL	Wood, Stone, Tile, 1/2"-1" Thick Ceiling, Adapter, White or Black
FMSQ4-SC138-WH, BL	Wood, Stone, Tile, 1"-1 3/8" Thick Ceiling, Adapter, White or Black
FMSQ4-SC175-WH, BL	Wood, Stone, Tile, 1 3/8"-1 3/4" Thick Ceiling, Adapter, White or Black

Accessories

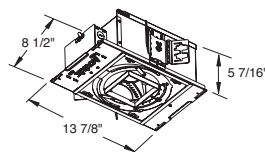
Catalog Number/Description		Catalog Number/Description		Catalog Number/Description	
TIR-TW-V	21° Very Narrow Flood Optic	T744	Medium Blue Color Filter	T7477	Prismatic Lens
TIR-TW-N	27° Narrow Flood Optic	T745	Medium Amber Color Filter	T7478	Linear Spread Lens
TIR-TW-F	36° Flood Optic	T746	Medium Green Color Filter	T7459BL	Hexcell Louver
AF3-10	10° Film (Use with Spot Optic)	T7401	Red Dichroic Lens	CTA4SQ-125	1 1/4" Thick Ceiling Adapter
AF3-20	20° Film (Use with Spot Optic)	T7403	Medium Green Dichroic Lens	CTA4SQ-163	1 5/8" Thick Ceiling Adapter
AF3-30	30° Film (Use with Spot Optic)	T7404	Medium Blue Dichroic Lens	CTA4SQ-200	2" Thick Ceiling Adapter
AF3-40	40° Film (Use with Spot Optic)	T7405	Yellow Dichroic Lens	HB-1	(2) Real Nail® Bar Hangers
AF3-50	50° Film (Use with Spot Optic)	T7406	Magenta Dichroic Lens	HB-26	(2) 26" C-Channel Bar Hangers
AF3-60x1	60"x1" Film (Use with Spot Optic)	T7411	Blue Green (Cyan) Dichroic Lens	HB-50	(2) 50" C-Channel Bar Hangers
T741	Medium Pink Color Filter	T7416	Daylight Blue Correction Lens	LB-27	(2) 27" Linear Bar Hangers
T742	Warm Red Color Filter	T7420	Diffuse Spread Lens	EMI-20	20W Emergency Lighting Inverter
T743	Daylight Blue Color Filter	T7422	UV Filter Lens		

To order, specify catalog number.

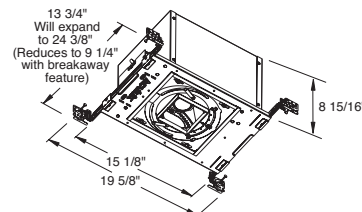
Dimensions



IC43TSQ, TC49TSQ



IC943TSQ, TC949TSQ



IC49TSQ

Downlights

Deep Downlight Reflector



Self-Flanged ◇

437SQBHZ-SF
437SQW-SF
437SQHZ-SF
437SQWHZ-SF



Flush Mount

437SQBHZ-FM
437SQW-FM
437SQHZ-FM
437SQWHZ-FM

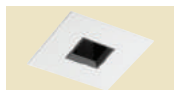
Finish

Black Haze
White
Haze
Wheat Haze

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F, W
	Trim Finish:	HZ, WHZ, W

	Construction:	Type IC
	CCT/CRI:	927, 930
	Optic:	S, N, F, W
	Trim Finish:	BHZ, HZ, WHZ, W

Downlight 1 1/4" Pinhole with Black Alzak® Reflector



Self-Flanged

4337SQ-BL
4337SQ-WH



Flush Mount

4337SQ-BL-FM
4337SQ-WH-FM

Finish

Black Trim
White Trim

Downlight Regressed 1 3/4" Pinhole with Black Alzak® Reflector



Self-Flanged ◇

4307SQ-BL
4307SQ-WH



Flush Mount

4307SQ-BL-FM
4307SQ-WH-FM

Finish

Black Trim
White Trim

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F

	Construction:	Type IC
	CCT/CRI:	927, 930
	Optic:	S, N, F

◇ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 437SQHZ-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMASQ4. See compatible housing pages for ordering information.

Adjustables

Angle-Cut Reflector



Self-Flanged ◇
438SQBH-Z-SF
438SQW-SF
438SQHZ-SF
438SQWHZ-SF



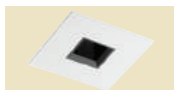
Flush Mount
438SQBH-Z-FM
438SQW-FM
438SQHZ-FM
438SQWHZ-FM

Finish

Black Haze
White
Haze
Wheat Haze

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F, W
	Trim Finish:	HZ, WHZ, W
	Construction:	Type IC
	CCT/CRI:	927, 930
	Optic:	S, N, F, W
	Trim Finish:	BHZ, HZ, WHZ, W

Adjustable 1 1/4" Pinhole with Black Alzak® Reflector



Self-Flanged
433SQ-BL
433SQ-WH



Flush Mount
433SQ-BL-FM
433SQ-WH-FM

Finish

Black Trim
White Trim

Adjustable Regressed 1 3/4" Pinhole with Black Alzak® Reflector



Self-Flanged ◇
4308SQ-BL
4308SQ-WH



Flush Mount
4308SQ-BL-FM
4308SQ-WH-FM

Finish

Black Trim
White Trim

	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F
	Construction:	Type IC
	CCT/CRI:	927, 930
	Optic:	S, N, F

Wall Wash

Lensed Wall Wash Reflector



Self-Flanged ◇
439SQBH-Z-SF
439SQW-SF
439SQHZ-SF
439SQWHZ-SF



Flush Mount
439SQBH-Z-FM
439SQW-FM
439SQHZ-FM
439SQWHZ-FM

Finish

Black Haze
White
Haze
Wheat Haze



◇ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 438SQHZ-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMA5Q4. See compatible housing pages for ordering information.

Lensed

Downlight Lensed Reflector



Self-Flanged ◊

432SQBHZ-SF
432SQW-SF
432SQHZ-SF
432SQWHZ-SF




Flush Mount


432SQBHZ-FM
432SQW-FM
432SQHZ-FM
432SQWHZ-FM

Finish

Black Haze
White
Haze
Wheat Haze



	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F
	Trim Finish:	HZ, WHZ, W

	Construction:	Type IC
	CCT/CRI:	927, 930
	Optic:	S, N, F
	Trim Finish:	BHZ, HZ, WHZ, W

Angle-Cut Lensed Reflector



Self-Flanged ◊

431SQBHZ-SF
431SQW-SF
431SQHZ-SF
431SQWHZ-SF




Flush Mount


431SQBHZ-FM
431SQW-FM
431SQHZ-FM
431SQWHZ-FM

Finish

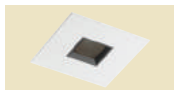
Black Haze
White
Haze
Wheat Haze



	Construction:	Type IC & Non-IC
	CCT/CRI:	827, 830, 835, 840
	Optic:	S, N, F
	Trim Finish:	HZ, WHZ, W

	Construction:	Type IC
	CCT/CRI:	927, 930
	Optic:	S, N, F
	Trim Finish:	HZ, WHZ, W

Downlight 1 1/4" Pinhole with Stippled Clear Uniformity Lens



Self-Flanged

4332SQ-BL
4332SQ-WH



Flush Mount

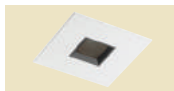
4332SQ-BL-FM
4332SQ-WH-FM

Finish

Black Trim
White Trim



Adjustable 1 1/4" Pinhole with Stippled Clear Uniformity Lens



Self-Flanged

4331SQ-BL
4331SQ-WH



Flush Mount

4331SQ-BL-FM
4331SQ-WH-FM

Finish

Black Trim
White Trim



◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 439SQHZ-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMA5Q4. See compatible housing pages for ordering information.

Lensed (cont)

Downlight Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens



Self-Flanged ◊
4302SQ-BL
4302SQ-WH



Flush Mount
4302SQ-BL-FM
4302SQ-WH-FM

Finish
Black Trim
White Trim

Adjustable Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens



Self-Flanged ◊
4301SQ-BL
4301SQ-WH

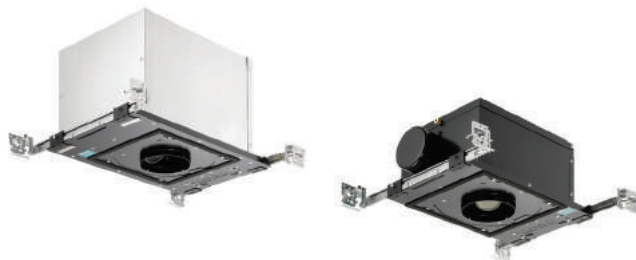


Flush Mount
4301SQ-BL-FM
4301SQ-WH-FM

Finish
Black Trim
White Trim

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 4331SQ-WHWH)

Important: Flush mount adapter is required for flush mount trim installations -FMASQ4. See compatible housing pages for ordering information.



Description

Precision recessed adjustable MR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation or low profile Non-IC for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations • Wet location listed with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Product thermally protected • Union made

Features

- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented (US Patent 8,277,090) Tru-Line™ platform allows +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Patent pending Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 45° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Choose from 120V High efficiency (>90%) dual tap potted magnetic or 120V High efficiency (>94%), high power factor electronic transformer
- Patented (US Patent 8,038,113) Pro-VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position • For suspended ceilings, use integral t-notches with locking tabs
- Lampholder accepts up to (3) 2" beam control lenses and/or color correction/UV filters • Fixture is supplied with stippled clear uniformity lens
- 50W MR16 (IC43N), 75W MR16 (TC43N) Maximum Lamp Rating

Ordering Information Example: IC43N

Housing	Transformer	Option
IC43N IC Rated	Blank 120V Magnetic	CP* Chicago Plenum
TC43N Non-IC Rated	E1 120V Electronic	

* Not Available on IC43N

Flush Mount Adapters

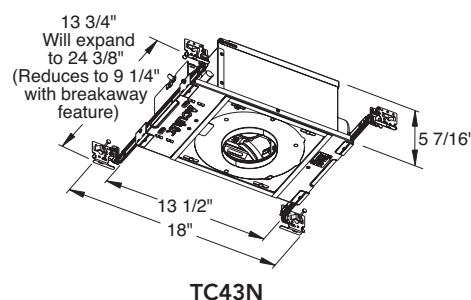
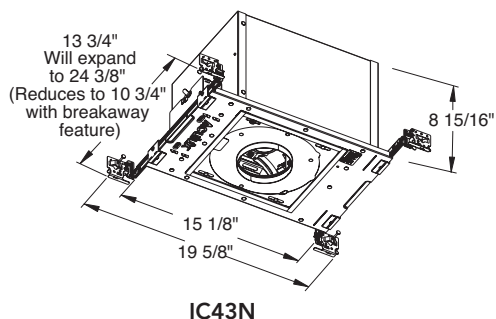
FMA4	Drywall Ceiling Adapter
FMA4-SC087-WH	Wood, Stone, Tile, 1/2"-7/8" Thick Ceiling, Adapter, White
FMA4-SC087-BL	Wood, Stone, Tile, 1/2"-7/8" Thick Ceiling, Adapter, Black
FMA4-SC125-WH	Wood, Stone, Tile, 7/8"-1 1/4" Thick Ceiling, Adapter, White
FMA4-SC125-BL	Wood, Stone, Tile, 7/8"-1 1/4" Thick Ceiling, Adapter, Black
FMA4-SC163-WH	Wood, Stone, Tile, 1 1/4"-1 5/8" Thick Ceiling, Adapter, White
FMA4-SC163-BL	Wood, Stone, Tile, 1 1/4"-1 5/8" Thick Ceiling, Adapter, Black

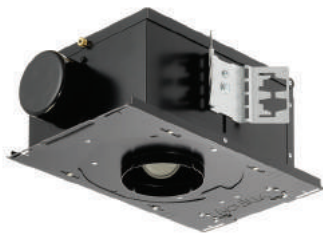
Accessories

Catalog Number/Description	Catalog Number/Description	Catalog Number/Description
T741 Medium Pink Color Filter	T7403 Medium Green Dichroic Lens	T7422 UV Filter Lens
T742 Warm Red Color Filter	T7404 Medium Blue Dichroic Lens	T7477 Prismatic Lens
T743 Daylight Blue Color Filter	T7405 Yellow Dichroic Lens	T7478 Linear Spread Lens
T744 Medium Blue Color Filter	T7406 Magenta Dichroic Lens	T7459BL Hexcell Louver
T745 Medium Amber Color Filter	T7411 Blue Green (Cyan) Dichroic Lens	CTA4N-125 1 1/4" Thick Ceiling Adapter
T746 Medium Green Color Filter	T7416 Daylight Blue Correction Lens	CTA4N-163 1 5/8" Thick Ceiling Adapter
T7401 Red Dichroic Lens	T7420 Diffuse Spread Lens	CTA4N-200 2" Thick Ceiling Adapter

To order, specify catalog number.

Dimensions





Description

Precision recessed adjustable MR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Low profile non-IC housing is for use in non-insulated areas, or where insulation is spaced at least 3" from housing. Supplied with vertically adjustable mounting brackets that accept 1/2" conduit, "C" channel bar hangers, linear bar hangers or telescoping Real Nail bar hangers.

Listings UL and cUL listed for through-branch wiring, damp locations and wet locations listed with approved trims
 • Product thermally protected against improper use of insulation • Union made

Features

- Low Voltage Non-IC Rated new construction housing for use where insulation is spaced 3" away from fixture
- Patented (US Patent 8,277,090) Tru-Line™ platform allows +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Patent pending Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 45° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Fixture is available with four premium transformer options – Magnetic: 120V or 277V High efficiency (>90%) dual tap, potted magnetic, toroidal transformer • Electronic: 120V or 277V High efficiency (>94%), high power factor electronic transformer
- Supplied with vertically adjustable mounting brackets that accept 1/2" conduit, "C" channel hangers (HB-26 or HB-50), linear bar hangers (LB-27) or telescoping Juno Real Nail® bar hangers (HB-1)
- Lampholder accepts up to (3) 2" beam control lenses and/or color correction/UV filters • Fixture is supplied with stippled clear uniformity lens
- 75W MR16 Maximum Lamp Rating

Ordering Information Example: TC943N-E1

Housing	Transformer	Option
TC943N	Blank 120V Magnetic V 277V Magnetic E1 120V Electronic E2 277V Electronic	CP Chicago Plenum

Flush Mount Adapters

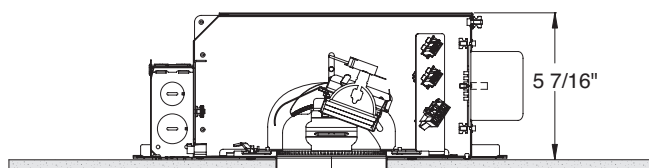
FMA4	Drywall Ceiling Adapter
FMA4-SC087-WH	Wood, Stone, Tile, 1/2"-7/8" Thick Ceiling, Adapter, White
FMA4-SC087-BL	Wood, Stone, Tile, 1/2"-7/8" Thick Ceiling, Adapter, Black
FMA4-SC125-WH	Wood, Stone, Tile, 7/8"-1 1/4" Thick Ceiling, Adapter, White
FMA4-SC125-BL	Wood, Stone, Tile, 7/8"-1 1/4" Thick Ceiling, Adapter, Black
FMA4-SC163-WH	Wood, Stone, Tile, 1 1/4"-1 5/8" Thick Ceiling, Adapter, White
FMA4-SC163-BL	Wood, Stone, Tile, 1 1/4"-1 5/8" Thick Ceiling, Adapter, Black

Accessories

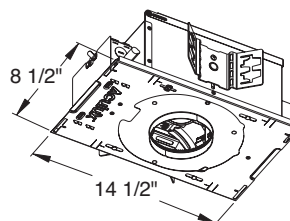
Catalog Number/Description	Catalog Number/Description	Catalog Number/Description
T741 Medium Pink Color Filter	T7405 Yellow Dichroic Lens	CTA4N-125 1 1/4" Thick Ceiling Adapter
T742 Warm Red Color Filter	T7406 Magenta Dichroic Lens	CTA4N-163 1 5/8" Thick Ceiling Adapter
T743 Daylight Blue Color Filter	T7411 Blue Green (Cyan) Dichroic Lens	CTA4N-200 2" Thick Ceiling Adapter
T744 Medium Blue Color Filter	T7416 Daylight Blue Correction Lens	HB-1 (2) Real Nail® Bar Hangers
T745 Medium Amber Color Filter	T7420 Diffuse Spread Lens	HB-26 (2) 26" C-Channel Bar Hangers
T746 Medium Green Color Filter	T7422 UV Filter Lens	HB-50 (2) 50" C-Channel Bar Hangers
T7401 Red Dichroic Lens	T7477 Prismatic Lens	LB-27 (2) 27" Linear Bar Hangers
T7403 Medium Green Dichroic Lens	T7478 Linear Spread Lens	
T7404 Medium Blue Dichroic Lens	T7459BL Hexcell Louver	

To order, specify catalog number.

Dimensions



4 1/4" Ceiling Cutout
(4 3/8" for Flush Mount Trims)





Description

Precision recessed adjustable MR16 remodel luminaire for accent or task lighting. Fixture has 50° visual cutoff to lamp and lamp image. Low profile non-IC housing is for use in non-insulated areas, or where insulation is spaced at least 3" from housing. Installs quickly and securely with patented (US Patent 7,191,993) push-pull cable system through ceiling opening.

Listings UL and cUL listed for through-branch wiring, damp locations and wet locations listed with approved trims

- Product thermally protected against improper use of insulation
- Union made

Features

- Low Voltage, Non-IC Rated remodel housing features patented "push-pull" system for quick, easy installation. Requires 3" spacing from insulation
- 35° adjustable tilt and 358° rotation
- Choose from a magnetic or electronic transformer. Magnetic: 120V thermally protected transformer is serviceable from below ceiling
Electronic: 120V High efficiency (>95%), high power factor transformer
- Lampholder accepts up to (3) 2" beam control lenses and/or color correction/UV filters • Fixture is supplied with stippled clear uniformity lens
- 50W MR16 Maximum Lamp Rating
- Compatible with ceiling thicknesses of 1/2" – 2"

Ordering Information Example: TC43NR

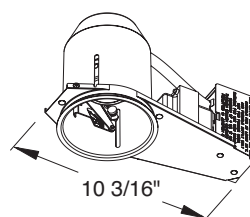
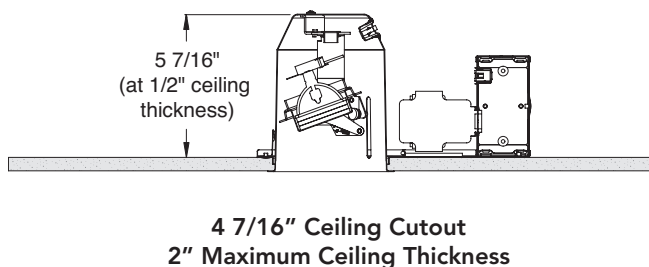
Housing	Transformer
TC43NR	Blank 120V Magnetic E1 120V Electronic

Accessories

Catalog Number/Description	Catalog Number/Description
T741 Medium Pink Color Filter	T7406 Magenta Dichroic Lens
T742 Warm Red Color Filter	T7411 Blue Green (Cyan) Dichroic Lens
T743 Daylight Blue Color Filter	T7416 Daylight Blue Correction Lens
T744 Medium Blue Color Filter	T7420 Diffuse Spread Lens
T745 Medium Amber Color Filter	T7422 UV Filter Lens
T746 Medium Green Color Filter	T7477 Prismatic Lens
T7401 Red Dichroic Lens	T7478 Linear Spread Lens
T7403 Medium Green Dichroic Lens	T7459BL Hexcell Louver
T7404 Medium Blue Dichroic Lens	
T7405 Yellow Dichroic Lens	

To order, specify catalog number.

Dimensions



This product and systems may be covered by the following patent: US Patent 7,191,993



Description

Precision recessed adjustable PAR20/PAR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation or low profile Non-IC for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations and wet locations listed with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Product thermally protected • Union made

Features

- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented (US Patent 8,277,090) Tru-Line™ platform allows +/- 1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Patent pending Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 40° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Patented (US Patent 8,038,113) Pro-VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position
- For suspended ceilings, use integral t-notches with locking tabs
- 50W PAR20/60W PAR16 (IC13N), 50W PAR20/75W PAR16 (TC13N) Maximum Lamp Rating

Ordering Information

Housing	Option
IC13N IC Rated	CP* Chicago Plenum
TC13N Non-IC Rated	

* Not available on IC13N

Accessories

Catalog Number/Description

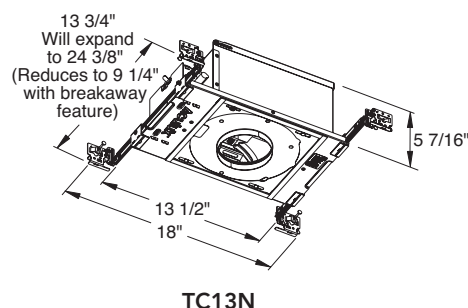
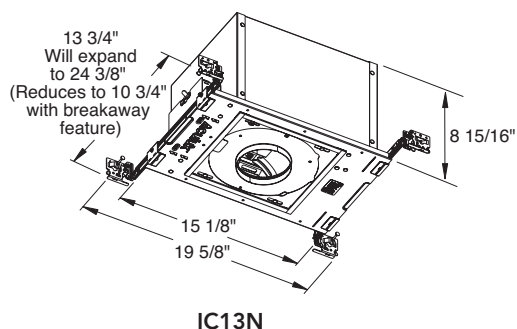
CTA4N-125	1 1/4" Thick Ceiling Adapter
CTA4N-163	1 5/8" Thick Ceiling Adapter
CTA4N-200	2" Thick Ceiling Adapter

To order, specify catalog number.

Flush Mount Adapters

FMA4	Drywall Ceiling Adapter
FMA4-SC087-WH	Wood, Stone, Tile, 1/2"-7/8" Thick Ceiling, Adapter, White
FMA4-SC087-BL	Wood, Stone, Tile, 1/2"-7/8" Thick Ceiling, Adapter, Black
FMA4-SC125-WH	Wood, Stone, Tile, 7/8"-1 1/4" Thick Ceiling, Adapter, White
FMA4-SC125-BL	Wood, Stone, Tile, 7/8"-1 1/4" Thick Ceiling, Adapter, Black
FMA4-SC163-WH	Wood, Stone, Tile, 1 1/4"-1 5/8" Thick Ceiling, Adapter, White
FMA4-SC163-BL	Wood, Stone, Tile, 1 1/4"-1 5/8" Thick Ceiling, Adapter, Black

Dimensions



Downlights

Deep Downlight Cone



Trim Ring

437NB-ABZ
437NB-SC
437NB-WH
437NC-WH
437NHZ-SC
437NHZ-WH
437NWHZ-ABZ
437NWHZ-WH



Self-Flanged ◇ ‡

437NB-SF
437NC-SF
437NHZ-SF
437NWHZ-SF



Flush Mount ‡

437NB-FM
437NC-FM
437NHZ-FM
437NWHZ-FM

Finish

Black Specular, Cone
Black Specular, Cone
Black Specular, Cone
Clear Specular, Cone
Haze, Cone
Haze, Cone
Wheat Haze, Cone
Wheat Haze, Cone

Deep Downlight Baffle



Trim Ring

434NB-ABZ
434NB-SC
434NB-WH
434NW-WH

Finish

Black Baffle
Black Baffle
Black Baffle
White Baffle

Downlight 1 1/4" Pinhole with Black Alzak® Reflector



Trim Ring

4337N-ABZ
4337N-BL
4337N-SC
4337N-WH



Flush Mount ‡

4337N-BL-FM
4337N-WH-FM

Finish

Aged Bronze Trim
Black Trim
Satin Chrome Trim
White Trim

Downlight Regressed 1 3/4" Pinhole with Black Alzak® Reflector



Trim Ring ‡

4307N-BL
4307N-WH



Flush Mount ‡

4307N-BL
4307N-WH

Finish

Black Trim
White Trim

MR16, PAR & CMH MR16 Compatible Housings/Max. Lamp Rating

IC43N: 50W MR16

IC13N: 60W PAR16/50W PAR20

TC43N/TC943N: 75W MR16

TC13N: 75W PAR16/50W PAR20

TC43NR: 50W MR16

Trim Ring Finish: ABZ - Classic Aged Bronze, SC - Satin Chrome, WH - White

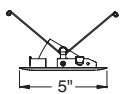
‡ Not compatible with TC43NR

◇ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 437NB-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

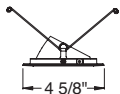
Adjustables

Angle-Cut Cone



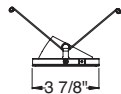
Trim Ring

438NB-ABZ
438NB-SC
438NB-WH
438NC-WH
438NHZ-SC
438NHZ-WH
438NWHZ-ABZ
438NWHZ-WH



Self-Flanged ⬠ ‡

438NB-SF
438NC-SF
438NHZ-SF
438NWHZ-SF



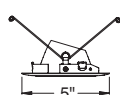
Flush Mount ‡

438NB-FM
438NC-FM
438NHZ-FM
438NWHZ-FM

Finish

Black Specular, Cone
Black Specular, Cone
Black Specular, Cone
Clear Specular, Cone
Haze, Cone
Haze, Cone
Wheat Haze, Cone
Wheat Haze, Cone

20° Angle-Cut Cone



Trim Ring

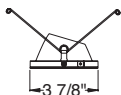
430NB-WH
430NC-WH
430NHZ-SC
430NHZ-WH
430NWHZ-ABZ
430NWHZ-WH



Self-Flanged ⬠ ‡

430NB-SF
430NC-SF

430NHZ-SF
430NWHZ-SF



Flush Mount ‡

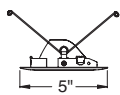
430NB-FM
430NC-FM

430NHZ-FM
430NWHZ-FM

Finish

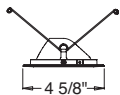
Black Specular, Cone
Clear Specular, Cone
Haze, Cone
Haze, Cone
Wheat Haze, Cone
Wheat Haze, Cone

Slot Angle-Cut Cone



Trim Ring

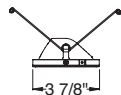
436NB-ABZ
436NB-SC
436NB-WH
436NC-WH
436NHZ-SC
436NHZ-WH
436NWHZ-ABZ
436NWHZ-WH



Self-Flanged ⬠ ‡

436NB-SF
436NC-SF

436NHZ-SF
436NWHZ-SF



Flush Mount ‡

436NB-FM
436NC-FM

436NHZ-FM
436NWHZ-FM

Finish

Black Specular, Cone
Black Specular, Cone
Black Specular, Cone
Clear Specular, Cone
Haze, Cone
Haze, Cone
Wheat Haze, Cone
Wheat Haze, Cone

MR16, PAR & CMH MR16 Compatible Housings/Max. Lamp Rating

IC43N: 50W MR16

IC13N: 60W PAR16/50W PAR20

TC43N/TC943N: 75W MR16

TC13N: 75W PAR16/50W PAR20

TC43NR: 50W MR16

Trim Ring Finish: ABZ - Classic Aged Bronze, SC - Satin Chrome, WH - White

‡ Not compatible with TC43NR

⬠ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 438NB-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

Adjustables (cont)

Angle-Cut Baffle



Trim Ring
435NB-ABZ
435NB-SC
435NB-WH
435NW-WH

Finish

Black Baffle
Black Baffle
Black Baffle
White Baffle

Adjustable 1 1/4" Pinhole with Black Alzak® Reflector



Trim Ring
433N-ABZ
433N-BL
433N-SC
433N-WH



Flush Mount ‡

433N-BL-FM
433N-WH-FM

Finish

Aged Bronze Trim
Black Trim
Satin Chrome Trim
White Trim

Adjustable 1 3/4" Pinhole with Black Alzak® Reflector



Trim Ring
4335N-ABZ
4335N-BL
4335N-SC
4335N-WH



Flush Mount ‡

4335N-BL-FM
4335N-WH-FM

Finish

Aged Bronze Trim
Black Trim
Satin Chrome Trim
White Trim

Slot Pinhole with Black Alzak® Reflector - 1 3/4" x 2 1/2"



Trim Ring
4345N-BL
4345N-WH



Flush Mount ‡

4345N-BL-FM
4345N-WH-FM

Finish

Black Trim
White Trim

MR16, PAR & CMH MR16 Compatible Housings/Max. Lamp Rating

IC43N: 50W MR16

IC13N: 60W PAR16/50W PAR20

TC43N/TC943N: 75W MR16

TC13N: 75W PAR16/50W PAR20

TC43NR: 50W MR16

Trim Ring Finish: ABZ - Classic Aged Bronze, SC - Satin Chrome, WH - White

‡ Not compatible with TC43NR

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 438NB-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

Adjustables (cont)

Adjustable Regressed 1 3/4" Pinhole with Black Alzak® Reflector



Trim Ring ‡
4308N-BL
4308N-WH



Flush Mount ‡
4308N-BL-FM
4308N-WH-FM

Finish
Black Trim
White Trim

Mirrored Super Adjustable



Trim Ring ‡
4349NB-BL
4349NB-WH

Finish
Black Trim
White Trim

Wall Wash

Lensed Wall Wash Cone



Trim Ring
439NB-WH
439NC-WH
439NW-WH
439NHZ-SC
439NHZ-WH
439NWHZ-ABZ
439NWHZ-WH



Self-Flanged ◇ ‡
439NB-SF
439NC-SF
439NW-SF

439NHZ-SF

439NWHZ-SF



Flush Mount ‡
439NB-FM
439NC-FM
439NW-FM

439NHZ-FM

439NWHZ-FM

Finish
Black Specular, Cone
Clear Specular, Cone
White Cone
Haze, Cone
Haze, Cone
Wheat Haze, Cone
Wheat Haze, Cone

MR16, PAR & CMH MR16 Compatible Housings/Max. Lamp Rating

IC43N: 50W MR16

IC13N: 60W PAR16/50W PAR20

TC43N/TC943N: 75W MR16

TC13N: 75W PAR16/50W PAR20

TC43NR: 50W MR16

Trim Ring Finish: ABZ - Classic Aged Bronze, SC - Satin Chrome, WH - White

‡ Not compatible with TC43NR

◇ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 438NB-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

Lensed

Downlight Lensed Cone



Trim Ring

432NB-WH
432NC-WH
432NHZ-SC
432NHZ-WH
432NWHZ-ABZ
432NWHZ-WH



Self-Flanged †

432NB-SF
432NC-SF

432NHZ-SF

432NWHZ-SF



Flush Mount ‡

432NB-FM
432NC-FM

432NHZ-FM

432NWHZ-FM

Finish

Black Specular, Cone
Clear Specular, Cone
Haze, Cone
Haze, Cone
Wheat Haze, Cone
Wheat Haze, Cone

Angle-Cut Lensed Cone



Trim Ring

431NB-WH
431NC-WH
431NHZ-SC
431NHZ-WH
431NWHZ-ABZ
431NWHZ-WH



Self-Flanged †

431NB-SF
431NC-SF

431NHZ-SF

431NWHZ-SF



Flush Mount ‡

431NB-FM
431NC-FM

431NHZ-FM

431NWHZ-FM

Finish

Black Specular, Cone
Clear Specular, Cone
Haze, Cone
Haze, Cone
Wheat Haze, Cone
Wheat Haze, Cone

Downlight 1 1/4" Pinhole with Stippled Clear Uniformity Lens



Trim Ring

4332N-ABZ
4332N-BL
4332N-SC
4332N-WH



Flush Mount ‡

4332N-BL-FM

4332N-WH-FM

Finish

Aged Bronze Trim
Black Trim
Satin Chrome Trim
White Trim

MR16, PAR & CMH MR16 Compatible Housings/Max. Lamp Rating

IC43N: 50W MR16

IC13N: 45W PAR16/50W PAR20

TC43N/TC943N: 75W MR16

TC13N: 75W PAR16/50W PAR20

TC43NR: 50W MR16

Trim Ring Finish: ABZ - Classic Aged Bronze, SC - Satin Chrome, WH - White

† Not compatible with TC43NR

‡ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 438NB-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

Lensed (cont)

Adjustable 1 1/4" Pinhole with Stippled Clear Uniformity Lens



Trim Ring ‡
4331N-ABZ
4331N-BL
4331N-SC
4331N-WH



Flush Mount ‡
4331N-BL-FM
4331N-WH-FM

Finish
Aged Bronze Trim
Black Trim
Satin Chrome Trim
White Trim

Downlight Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens



Trim Ring ‡
4302N-BL
4302N-WH



Flush Mount ‡
4302N-BL-FM
4302N-WH-FM

Finish
Black Trim
White Trim

Adjustable Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens



Trim Ring ‡
4301N-BL
4301N-WH



Flush Mount ‡
4301N-BL-FM
4301N-WH-FM

Finish
Black Trim
White Trim

MR16, PAR & CMH MR16 Compatible Housings/Max. Lamp Rating

IC43N: 50W MR16

IC13N: 45W PAR16/50W PAR20

TC43N/TC943N: 75W MR16

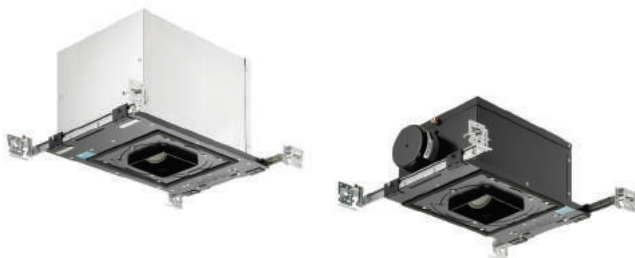
TC13N: 75W PAR16/50W PAR20

TC43NR: 50W MR16

Trim Ring Finish: ABZ - Classic Aged Bronze, SC - Satin Chrome, WH - White

‡ Not compatible with TC43NR

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.



Description

Precision recessed adjustable MR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation or low profile Non-IC for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations and wet location listed with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Product thermally protected • Union made

Features

- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented (US Patent 8,277,090) Tru-Line™ platform allows +/-1/2" aperture translation, +/-45° aperture rotation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Patent pending Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 45° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Choose from 120V High efficiency (>90%) dual tap potted magnetic or 120V High efficiency (>94%), high power factor electronic transformer
- Patented (US Patent 8,038,113) Pro-VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position • For suspended ceilings, use integral t-notches with locking tabs
- Lampholder accepts up to (3) 2" beam control lenses and/or color correction/UV filters • Fixture is supplied with stippled clear uniformity lens
- 50W MR16 (IC43SQ), 75W MR16 (TC43SQ) Maximum Lamp Rating

Ordering Information Example: IC43SQ-E1

Housing	Transformer	Option
IC43SQ IC Rated	Blank 120V Magnetic E1 120V Electronic	CP* Chicago Plenum
TC43SQ Non-IC Rated	Blank 120V Magnetic E1 120V Electronic	

* Not available on IC43SQ

Flush Mount Adapters

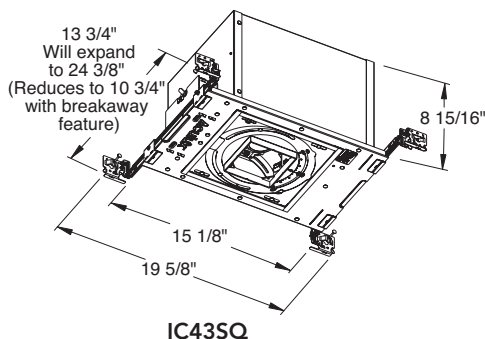
FMASQ4	Drywall Ceiling Adapter
FMASQ4-SC100-WH	Wood, Stone, Tile, 1/2"-1" Thick Ceiling, Adapter, White
FMASQ4-SC100-BL	Wood, Stone, Tile, 1/2"-1" Thick Ceiling, Adapter, Black
FMASQ4-SC138-WH	Wood, Stone, Tile, 1"-1 3/8" Thick Ceiling, Adapter, White
FMASQ4-SC138-BL	Wood, Stone, Tile, 1"-1 3/8" Thick Ceiling, Adapter, Black
FMASQ4-SC175-WH	Wood, Stone, Tile, 1 3/8"-1 3/4" Thick Ceiling, Adapter, White
FMASQ4-SC175-BL	Wood, Stone, Tile, 1 3/8"-1 3/4" Thick Ceiling, Adapter, Black

Accessories

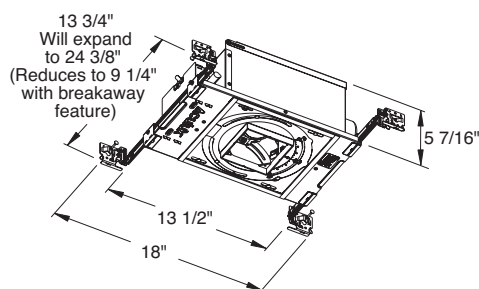
Catalog Number/Description	Catalog Number/Description	Catalog Number/Description
T741 Medium Pink Color Filter	T7403 Medium Green Dichroic Lens	T7422 UV Filter Lens
T742 Warm Red Color Filter	T7404 Medium Blue Dichroic Lens	T7477 Prismatic Lens
T743 Daylight Blue Color Filter	T7405 Yellow Dichroic Lens	T7478 Linear Spread Lens
T744 Medium Blue Color Filter	T7406 Magenta Dichroic Lens	T7459BL Hexcell Louver
T745 Medium Amber Color Filter	T7411 Blue Green (Cyan) Dichroic Lens	CTA45Q-125 1 1/4" Thick Ceiling Adapter
T746 Medium Green Color Filter	T7416 Daylight Blue Correction Lens	CTA45Q-163 1 5/8" Thick Ceiling Adapter
T7401 Red Dichroic Lens	T7420 Diffuse Spread Lens	CTA45Q-200 2" Thick Ceiling Adapter

To order, specify catalog number.

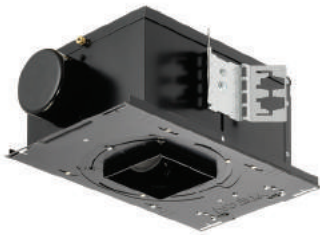
Dimensions



IC43SQ



TC43SQ



Description

Precision recessed adjustable MR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Low profile non-IC housing is for use in non-insulated areas, or where insulation is spaced at least 3" from housing. Supplied with vertically adjustable mounting brackets that accept 1/2" conduit, "C" channel bar hangers, linear bar hangers or telescoping Real Nail bar hangers.

Listings UL and cUL listed for through-branch wiring, damp locations and wet locations listed with approved trims
 • Product thermally protected against improper use of insulation • Union made

Features

- Low Voltage Non-IC Rated new construction housing for use where insulation is spaced 3" away from fixture
- Patented (US Patent 8,038,113) Tru-Line™ platform allows +/-1/2" aperture translation, +/-45° aperture rotation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Patent pending Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 45° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Fixture is available with four premium transformer options – Magnetic: 120V or 277V High efficiency (>90%) dual tap, potted magnetic, toroidal transformer • Electronic: 120V or 277V High efficiency (>94%), high power factor electronic transformer
- Supplied with vertically adjustable mounting brackets that accept 1/2" conduit, "C" channel hangers (HB-26 or HB-50), linear bar hangers (LB-27) or telescoping Juno Real Nail® bar hangers (HB-1)
- Lampholder accepts up to (3) 2" beam control lenses and/or color correction/UV filters • Fixture is supplied with stippled clear uniformity lens
- 75W MR16 Maximum Lamp Rating

Ordering Information Example: TC943SQ-E1

Housing	Transformer	Option
TC943SQ	Blank 120V Magnetic V 277V Magnetic E1 120V Electronic E2 277V Electronic	CP Chicago Plenum

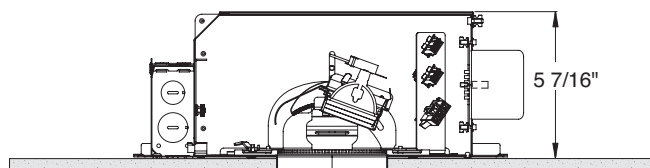
Flush Mount Adapters

FMASQ4	Drywall Ceiling Adapter
FMASQ4-SC100-WH	Wood, Stone, Tile, 1/2"-1" Thick Ceiling, Adapter, White
FMASQ4-SC100-BL	Wood, Stone, Tile, 1/2"-1" Thick Ceiling, Adapter, Black
FMASQ4-SC138-WH	Wood, Stone, Tile, 1"-1 3/8" Thick Ceiling, Adapter, White
FMASQ4-SC138-BL	Wood, Stone, Tile, 1"-1 3/8" Thick Ceiling, Adapter, Black
FMASQ4-SC175-WH	Wood, Stone, Tile, 1 3/8"-1 3/4" Thick Ceiling, Adapter, White
FMASQ4-SC175-BL	Wood, Stone, Tile, 1 3/8"-1 3/4" Thick Ceiling, Adapter, Black

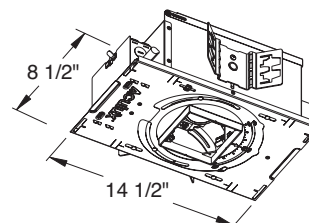
Accessories

Catalog Number/Description	Catalog Number/Description	Catalog Number/Description
T741 Medium Pink Color Filter	T7405 Yellow Dichroic Lens	CTA45Q-125 1 1/4" Thick Ceiling Adapter
T742 Warm Red Color Filter	T7406 Magenta Dichroic Lens	CTA45Q-163 1 5/8" Thick Ceiling Adapter
T743 Daylight Blue Color Filter	T7411 Blue Green (Cyan) Dichroic Lens	CTA45Q-200 2" Thick Ceiling Adapter
T744 Medium Blue Color Filter	T7416 Daylight Blue Correction Lens	HB-1 (2) Real Nail® Bar Hangers
T745 Medium Amber Color Filter	T7420 Diffuse Spread Lens	HB-26 (2) 26" C-Channel Bar Hangers
T746 Medium Green Color Filter	T7422 UV Filter Lens	HB-50 (2) 50" C-Channel Bar Hangers
T7401 Red Dichroic Lens	T7477 Prismatic Lens	LB-27 (2) 27" Linear Bar Hangers
T7403 Medium Green Dichroic Lens	T7478 Linear Spread Lens	
T7404 Medium Blue Dichroic Lens	T7459BL Hexcell Louver	

Dimensions



4 1/8" Sq. Ceiling Cutout
(4 1/4" Sq. for Flush Mount Trims)





Description

Precision recessed adjustable PAR20/PAR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation or low profile Non-IC for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations and wet locations listed with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Product thermally protected • Union made

Features

- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented (US Patent 8,277,090) Tru-Line™ platform allows +/- 1/2" aperture translation, +/-45° aperture rotation after installation prior to finished ceiling, aiding fixture-to-fixture alignment.
- Patent pending Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 40° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Patented (US Patent 8,038,113) Pro-VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position
 - For suspended ceilings, use integral t-notches with locking tabs
- 50W PAR20/60W PAR16 (IC13SQ), 50W PAR20/75W PAR16 (TC13SQ) Maximum Lamp Rating

Ordering Information

Housing	Option
IC13SQ IC Rated	CP* Chicago Plenum
TC13SQ Non-IC Rated	

* Not available on IC13SQ.

Accessories

Catalog Number/Description

CTA4SQ-125 1 1/4" Thick Ceiling Adapter

CTA4SQ-163 1 5/8" Thick Ceiling Adapter

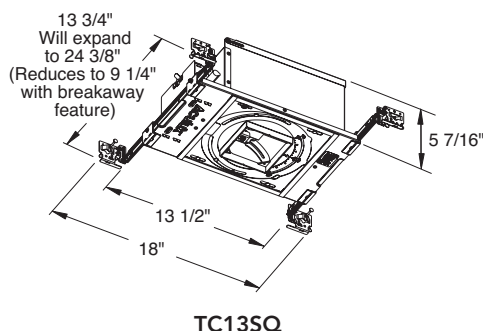
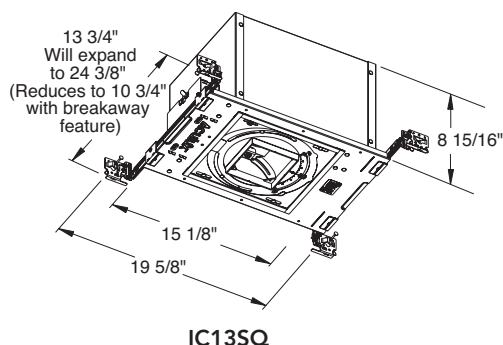
CTA4SQ-200 2" Thick Ceiling Adapter

To order, specify catalog number.

Flush Mount Adapters

FMASQ4	Drywall Ceiling Adapter
FMASQ4-SC100-WH	Wood, Stone, Tile, 1/2"-1" Thick Ceiling, Adapter, White
FMASQ4-SC100-BL	Wood, Stone, Tile, 1/2"-1" Thick Ceiling, Adapter, Black
FMASQ4-SC138-WH	Wood, Stone, Tile, 1"-1 3/8" Thick Ceiling, Adapter, White
FMASQ4-SC138-BL	Wood, Stone, Tile, 1"-1 3/8" Thick Ceiling, Adapter, Black
FMASQ4-SC175-WH	Wood, Stone, Tile, 1 3/8"-1 3/4" Thick Ceiling, Adapter, White
FMASQ4-SC175-BL	Wood, Stone, Tile, 1 3/8"-1 3/4" Thick Ceiling, Adapter, Black

Dimensions



Downlights

Deep Downlight Reflector



Self-Flanged ◇

437SQBHZ-SF
437SQW-SF
437SQHZ-SF
437SQWHZ-SF



Flush Mount

437SQBHZ-FM
437SQW-FM
437SQHZ-FM
437SQWHZ-FM

Finish

Black Haze
White
Haze
Wheat Haze

Downlight 1 1/4" Pinhole with Black Alzak® Reflector



Self-Flanged

4337SQ-BL
4337SQ-WH



Flush Mount

4337SQ-BL-FM
4337SQ-WH-FM

Finish

Black Trim
White Trim

Downlight Regressed 1 3/4" Pinhole with Black Alzak® Reflector



Self-Flanged ◇

4307SQ-BL
4307SQ-WH



Flush Mount

4307SQ-BL-FM
4307SQ-WH-FM

Finish

Black Trim
White Trim

MR16, PAR Compatible Housings/Max. Lamp Rating

IC435Q: 50W MR16

IC135Q: 45W PAR16/50W PAR20

TC435Q/TC9435Q: 75W MR16

TC135Q: 60W PAR16/50W PAR20

◇ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 437SQHZ-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMASQ4. See compatible housing pages for ordering information.

Adjustables

Angle-Cut Reflector



Self-Flanged ◊

438SQBHZ-SF
438SQW-SF
438SQHZ-SF
438SQWHZ-SF



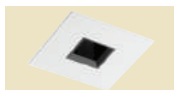
Flush Mount

438SQBHZ-FM
438SQW-FM
438SQHZ-FM
438SQWHZ-FM

Finish

Black Haze
White
Haze
Wheat Haze

Adjustable 1 1/4" Pinhole with Black Alzak® Reflector



Self-Flanged

433SQ-BL
433SQ-WH



Flush Mount

433SQ-BL-FM
433SQ-WH-FM

Finish

Black Trim
White Trim

Adjustable Regressed 1 3/4" Pinhole with Black Alzak® Reflector



Self-Flanged ◊

4308SQ-BL
4308SQ-WH



Flush Mount

4308SQ-BL-FM
4308SQ-WH-FM

Finish

Black Trim
White Trim

Wall Wash

Lensed Wall Wash Reflector



Self-Flanged ◊

439SQBHZ-SF
439SQW-SF
439SQHZ-SF
439SQWHZ-SF



Flush Mount

439SQBHZ-FM
439SQW-FM
439SQHZ-FM
439SQWHZ-FM

Finish

Black Haze
White
Haze
Wheat Haze

MR16, PAR Compatible Housings/Max. Lamp Rating

IC43SQ: 50W MR16

IC13SQ: 45W PAR16/50W PAR20

TC43SQ/TC943SQ: 75W MR16

TC13SQ: 60W PAR16/50W PAR20

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 438SQHZ-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMASQ4. See compatible housing pages for ordering information.

Lensed

Downlight Lensed Reflector



Self-Flanged ◊

432SQBHZ-SF
432SQW-SF
432SQHZ-SF
432SQWHZ-SF



Flush Mount

432SQBHZ-FM
432SQW-FM
432SQHZ-FM
432SQWHZ-FM

Finish

Black Haze
White
Haze
Wheat Haze

Angle-Cut Lensed Reflector



Self-Flanged ◊

431SQBHZ-SF
431SQW-SF
431SQHZ-SF
431SQWHZ-SF



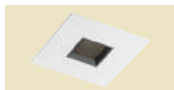
Flush Mount

431SQBHZ-FM
431SQW-FM
431SQHZ-FM
431SQWHZ-FM

Finish

Black Haze
White
Haze
Wheat Haze

Downlight 1 1/4" Pinhole with Stippled Clear Uniformity Lens



Self-Flanged

4332SQ-BL
4332SQ-WH



Flush Mount

4332SQ-BL-FM
4332SQ-WH-FM

Finish

Black Trim
White Trim

MR16, PAR Compatible Housings/Max. Lamp Rating

IC435Q: 50W MR16

IC135Q: 45W PAR16/50W PAR20

TC435Q/TC9435Q: 75W MR16

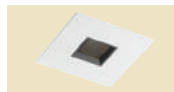
TC135Q: 60W PAR16/50W PAR20

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 437SQHZ-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMASQ4. See compatible housing pages for ordering information.

Lensed (cont)

Adjustable 1 1/4" Pinhole with Stippled Clear Uniformity Lens



Self-Flanged
4331SQ-BL
4331SQ-WH



Flush Mount
4331SQ-BL-FM
4331SQ-WH-FM

Finish
Black Trim
White Trim

Downlight Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens



Self-Flanged ◊
4302SQ-BL
4302SQ-WH



Flush Mount
4302SQ-BL-FM
4302SQ-WH-FM

Finish
Black Trim
White Trim

Adjustable Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens



Self-Flanged ◊
4301SQ-BL
4301SQ-WH



Flush Mount
4301SQ-BL-FM
4301SQ-WH-FM

Finish
Black Trim
White Trim

MR16, PAR Compatible Housings/Max. Lamp Rating

IC435Q: 50W MR16

IC135Q: 45W PAR16/50W PAR20

TC435Q/TC9435Q: 75W MR16

TC135Q: 60W PAR16/50W PAR20

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 438SQHZ-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMASQ4. See compatible housing pages for ordering information.

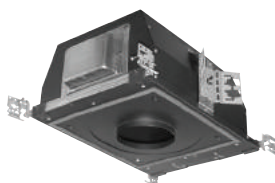


Private Residence, Key Biscayne, Florida; Diego Fernandez, Lighting Designer, Powerhouse Lighting; Mark Steele Photography



Precision Recessed | IC512L, IC517L, IC522L, IC527L, TC532L

4" LED Adjustable Housing 1200/1700/2200/2700/3200 Lumens



Description

Recessed adjustable LED luminaire with a L70 rated life of 50,000 hours delivers up to 3200 lumens. Fixture has 50° visual cutoff and features precision geared hot-aiming. IC rated luminaires are Air-Loc rated, ensuring maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation or Non-IC rated housing for use in non-insulated areas.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations • Wet location with approved trims • IC housings meet energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified and certified to high efficacy requirements of California T24 with select housings and trims • Union made

Features

- Patented (US Patent 8,277,090) Tru-Line™ platform allows +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ precision geared hot aiming achieves up to 370° rotation, 45° tilt (depending on trim and ceiling thickness) • Optimized center beam optics translates light engine forward as it is aimed off nadir
- Choice of six drivers accommodating voltages of 120-277 volts AC are compatible with a variety of dimming systems
- Features patented (US Patent 8,038,113) Pro-VI™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings
- Available with field interchangeable optic in 12° spot, 24° narrow flood, 35° flood and 50° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 45°, 60° FWHM can be achieved with the use of diffusing films
- Patented (US Patent 8,950,911) auto adjustable optic holder maintains lens/reflector relationship and accepts up to (2) beam control lenses and/or filters
- 5 year warranty

Ordering Information Example: IC527L-830-N-U

Housing	Color Temperature	Beam Optics	Drivers	Options
IC512L 1200 Lumen, IC Rated	827 2700K, 80CRI	S 12° Spot	1 120V, Forward & Reverse	CP* Chicago Plenum
IC517L 1700 Lumen, IC Rated	830 3000K, 80CRI	N 24° Narrow Flood	U 120-277V	
IC522L 2200 Lumen, IC Rated	835 3500K, 80CRI	F 35° Flood	0-10V Dimming, 10%	* Chicago Plenum not available on TC532L
IC527L 2700 Lumen, IC Rated	840 4000K, 80CRI	W 50° Wide Flood	L 120-277V	
TC532L 3200 Lumen, Non-IC Rated	927 2700K, 90CRI		Lutron Hi-Lume 3-wire Dimming, EcoSystem®	
	930 3000K, 90CRI		Compatible, 1%	
			D 120V, Lutron Hi-Lume 2-wire Dimming, 1%	
			M 120-277V, DMX512, Flying Leads	
			MRJ 120-277V, DMX512 RJ45 Interface	
			A 120-277V, DALI Dimming	

Flush Mount Adapters

FMA5	Drywall Ceiling Adapter
FMA5-SC087-WH, BL	Wood, Stone, Tile, 1/2"-7/8" Thick Ceiling, Adapter, White or Black
FMA5-SC125-WH, BL	Wood, Stone, Tile, 7/8"-1 1/4" Thick Ceiling, Adapter, White or Black
FMA5-SC163-WH, BL	Wood, Stone, Tile, 1 1/4"-1 5/8" Thick Ceiling, Adapter, White or Black



Precision Recessed | IC512L, IC517L, IC522L, IC527L, TC532L

4" LED Adjustable Housing 1200/1700/2200/2700/3200 Lumens



Accessories

Catalog Number/Description

TIR-ACLX4-SP	12° Spot Optic
TIR-ACLX4-NFL	24° Narrow Flood Optic
TIR-ACLX4-FL	35° Flood Optic
TIR-ACLX4-WFL	50° Wide Flood Optic
AF4-10	10° Film (Use with Spot Optic)
AF4-20	20° Film (Use with Spot Optic)
AF4-40	40° Film (Use with Spot Optic)
AF4-50	50° Film (Use with Spot Optic)
AF4-80	80° Film (Use with Spot Optic)
AF4-60x1	60°x1° Film (Use with Spot Optic)
T751	Medium Pink Color Filter
T752	Warm Red Color Filter
T753	Daylight Blue Color Filter

To order, specify catalog number.

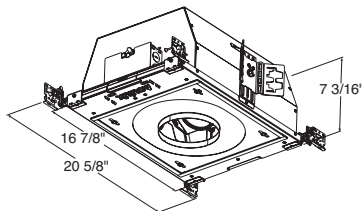
Catalog Number/Description

T754	Medium Blue Color Filter
T755	Medium Amber Color Filter
T756	Medium Green Color Filter
T7501	Red Dichroic Lens
T7503	Medium Green Dichroic Lens
T7504	Medium Blue Dichroic Lens
T7505	Yellow Dichroic Lens
T7506	Magenta Dichroic Lens
T7511	Blue Green (Cyan) Dichroic Lens
T7516	Daylight Blue Correction Lens
T7520	Diffuse Spread Lens
T7521	Uniformity Lens
T7522	UV Filter Lens

Catalog Number/Description

T7577	Prismatic Lens
T7578	Linear Spread Lens
T7559BL	Hexcell Louver
CTA5N-125	1 1/4" Thick Ceiling Adapter
CTA5N-163	1 5/8" Thick Ceiling Adapter
CTA5N-200	2" Thick Ceiling Adapter
HB-1	(2) Real Nail® Bar Hangers
HB-26	(2) 26" C-Channel Bar Hangers
HB-50	(2) 50" C-Channel Bar Hangers
LB-27	(2) 27" Linear Bar Hangers
EMI-20	20W Emergency Lighting Inverter

Dimensions



Downlights

Parabolic Downlight Cone



Self-Flanged ◇

5007B-SF
5007C-SF
5007HZ-SF
5007W-SF
5007WHZ-SF



Flush Mount

5007B-FM
5007C-FM
5007HZ-FM
5007W-FM
5007WHZ-FM

Finish

Black Specular, Cone
Clear Specular, Cone
Haze, Cone
White, Cone
Wheat Haze, Cone

Downlight Bevel Trim



Self-Flanged ◇

5307BHZ-BL-SF
5307BHZ-WH-SF



Flush Mount

5307BHZ-BL-FM
5307BHZ-WH-FM

Finish

Black Trim
White Trim

Lensed Downlight Cone



Self-Flanged ◇

5002B-SF
5002C-SF
5002HZ-SF
5002W-SF
5002WHZ-SF



Flush Mount

5002B-FM
5002C-FM
5002HZ-FM
5002W-FM
5002WHZ-FM

Finish

Black Specular, Cone
Clear Specular, Cone
Haze, Cone
White, Cone
Wheat Haze, Cone

Lensed Downlight Bevel Trim



Self-Flanged ◇

5302BHZ-BL-SF
5302BHZ-WH-SF



Flush Mount

5302BHZ-BL-FM
5302BHZ-WH-FM

Finish

Black Trim
White Trim

See spec sheet for housing and trim combinations that are ENERGY STAR® Qualified and T24 Certified.

◇ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 437NB-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

Adjustables

45° Angle-Cut Cone



Self-Flanged ◊

5008B-SF
5008C-SF
5008HZ-SF
5008W-SF
5008WHZ-SF



Flush Mount

5008B-FM
5008C-FM
5008HZ-FM
5008W-FM
5008WHZ-FM

Finish

Black Specular, Cone
Clear Specular, Cone
Haze, Cone
White, Cone
Wheat Haze, Cone

20° Angle-Cut Cone



Self-Flanged ◊

5000B-SF
5000C-SF
5000HZ-SF
5000W-SF
5000WHZ-SF



Flush Mount

5000B-FM
5000C-FM
5000HZ-FM
5000W-FM
5000WHZ-FM

Finish

Black Specular, Cone
Clear Specular, Cone
Haze, Cone
White, Cone
Wheat Haze, Cone

Adjustable Bevel



Self-Flanged ◊

5308BHZ-BL-SF
5308BHZ-WH-SF



Flush Mount

5308BHZ-BL-FM
5308BHZ-WH-FM

Finish

Black Trim
White Trim

Lensed Angle-Cut Cone



Self-Flanged ◊

5001B-SF
5001C-SF
5001HZ-SF
5001W-SF
5001WHZ-SF



Flush Mount

5001B-FM
5001C-FM
5001HZ-FM
5001W-FM
5001WHZ-FM

Finish

Black Specular, Cone
Clear Specular, Cone
Haze, Cone
White, Cone
Wheat Haze, Cone

Lensed Adjustable Bevel Trim



Self-Flanged ◊

5301BHZ-BL-SF
5301BHZ-WH-SF



Flush Mount

5301BHZ-BL-FM
5301BHZ-WH-FM

Finish

Black Trim
White Trim



See spec sheet for housing and trim combinations that are ENERGY STAR® Qualified and T24 Certified.

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 437NB-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

Wall Wash

Lensed Wall Wash Trim



Self-Flanged ♦

5009B-SF
5009C-SF
5009HZ-SF
5009W-SF
5009WHZ-SF



Flush Mount

5009B-FM
5009C-FM
5009HZ-FM
5009W-FM
5009WHZ-FM

Finish

Black Specular, Cone
Clear Specular, Cone
Haze, Cone
White, Cone
Wheat Haze, Cone



See spec sheet for housing and trim combinations that are ENERGY STAR® Qualified and T24 Certified.

♦ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 437NB-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

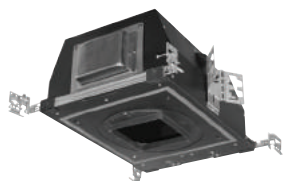


One Madison Park, New York City, New York, Cooley Monato Studio; Mark Steele Photography



Precision Recessed | IC512LSQ, IC517LSQ, IC522LSQ, IC527LSQ, TC532LSQ

4" LED Adjustable Square Housing 1200/1700/2200/2700/3200 Lumens



Description

Recessed adjustable LED luminaire with a L70 rated life of 50,000 hours delivers up to 3200 lumens. Fixture has 50° visual cutoff and features precision geared hot-aiming. IC rated luminaires are Air-Loc rated, ensuring maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation or Non-IC rated housing for use in non-insulated areas.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations • Wet location with approved trims • IC housings meet energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified and certified to high efficacy requirements of California T24 with select housings and trims • Union made

Features

- Patented (US Patent 8,277,090) Tru-Line™ platform allows +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ precision geared hot aiming achieves up to 370° rotation, 45° tilt (depending on trim and ceiling thickness) • Optimized center beam optics translates light engine forward as it is aimed off nadir
- Choice of six drivers accommodating voltages of 120-277 volts AC are compatible with a variety of dimming systems
- Features patented (US Patent 8,038,113) Pro-VI™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings
- Available with field interchangeable optic in 12° spot, 24° narrow flood, 35° flood and 50° wide flood distributions
- Additional distributions of 20°, 30°, 40°, 45°, 60° FWHM can be achieved with the use of diffusing films
- Patented (US Patent 8,950,911) auto adjustable optic holder maintains lens/reflector relationship and accepts up to (2) beam control lenses and/or filters
- 5 year warranty

Ordering Information Example: IC527LSQ-830-N-U

Housing	Color Temperature	Beam Optics	Drivers	Options
IC512LSQ 1200 Lumen, IC Rated	827 2700K, 80CRI	S 12° Spot	1 120V, Forward & Reverse	CP* Chicago Plenum
IC517LSQ 1700 Lumen, IC Rated	830 3000K, 80CRI	N 24° Narrow Flood	U 120-277V	
IC522LSQ 2200 Lumen, IC Rated	835 3500K, 80CRI	F 35° Flood	0-10V Dimming, 10%	* Chicago Plenum not available on TC532LSQ
IC527LSQ 2700 Lumen, IC Rated	840 4000K, 80CRI	W 50° Wide Flood	L 120-277V	
TC532LSQ 3200 Lumen, Non-IC Rated	927 2700K, 90CRI 930 3000K, 90CRI		D 120V, Lutron Hi-Lume 2-wire Dimming, 1%	
			M 120-277V, DMX512, Flying Leads	
			MRJ 120-277V, DMX512 RJ45 Interface	
			A 120-277V, DALI Dimming	

Flush Mount Adapters

FMSQ5	Drywall Ceiling Adapter
FMSQ5-SC100-WH, BL	Wood, Stone, Tile, 1/2"-1" Thick Ceiling, Adapter, White or Black
FMSQ5-SC138-WH, BL	Wood, Stone, Tile, 1"-1 3/8" Thick Ceiling, Adapter, White or Black
FMSQ5-SC175-WH, BL	Wood, Stone, Tile, 1 3/8"-1 3/4" Thick Ceiling, Adapter, White or Black





Precision Recessed | IC512LSQ, IC517LSQ, IC522LSQ, IC527LSQ, TC532LSQ

4" LED Adjustable Square Housing 1200/1700/2200/2700/3200 Lumens



Accessories

Catalog Number/Description

TIR-ACLX4-SP	12° Spot Optic
TIR-ACLX4-NFL	24° Narrow Flood Optic
TIR-ACLX4-FL	35° Flood Optic
TIR-ACLX4-WFL	50° Wide Flood Optic
AF4-10	10° Film (Use with Spot Optic)
AF4-20	20° Film (Use with Spot Optic)
AF4-40	40° Film (Use with Spot Optic)
AF4-50	50° Film (Use with Spot Optic)
AF4-80	80° Film (Use with Spot Optic)
AF4-60x1	60°x1° Film (Use with Spot Optic)
T751	Medium Pink Color Filter
T752	Warm Red Color Filter
T753	Daylight Blue Color Filter

To order, specify catalog number.

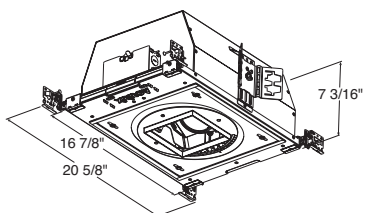
Catalog Number/Description

T754	Medium Blue Color Filter
T755	Medium Amber Color Filter
T756	Medium Green Color Filter
T7501	Red Dichroic Lens
T7503	Medium Green Dichroic Lens
T7504	Medium Blue Dichroic Lens
T7505	Yellow Dichroic Lens
T7506	Magenta Dichroic Lens
T7511	Blue Green (Cyan) Dichroic Lens
T7516	Daylight Blue Correction Lens
T7520	Diffuse Spread Lens
T7521	Uniformity Lens
T7522	UV Filter Lens

Catalog Number/Description

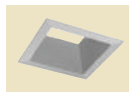
T7577	Prismatic Lens
T7578	Linear Spread Lens
T7559BL	Hexcell Louver
CTA5SQ-125	1 1/4" Thick Ceiling Adapter
CTA5SQ-163	1 5/8" Thick Ceiling Adapter
CTA5SQ-200	2" Thick Ceiling Adapter
HB-1	(2) Real Nail® Bar Hangers
HB-26	(2) 26" C-Channel Bar Hangers
HB-50	(2) 50" C-Channel Bar Hangers
LB-27	(2) 27" Linear Bar Hangers
EMI-20	20W Emergency Lighting Inverter

Dimensions



Downlights

Deep Downlight Reflector



Self-Flanged ◊

5007SQBHZ-SF
5007SQHZ-SF
5007SQW-SF
5007SQWHZ-SF



Flush Mount

5007SQBHZ-FM
5007SQHZ-FM
5007SQW-FM
5007SQWHZ-FM

Finish

Black Haze Reflector
Haze Reflector
White Reflector
Wheat Haze Reflector

Downlight Bevel Trim



Self-Flanged ◊

5307SQ-BL-SF
5307SQ-WH-SF



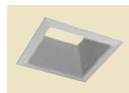
Flush Mount

5307SQ-BL-FM
5307SQ-WH-FM

Finish

Black Trim
White Trim

Lensed Downlight Trim



Self-Flanged ◊

5002SQBHZ-SF
5002SQHZ-SF
5002SQW-SF
5002SQWHZ-SF



Flush Mount

5002SQBHZ-FM
5002SQHZ-FM
5002SQW-FM
5002SQWHZ-FM

Finish

Black Haze Reflector
Haze Reflector
White Reflector
Wheat Haze Reflector

Lensed Downlight Bevel Trim



Self-Flanged ◊

5302SQBHZ-BL-SF
5302SQBHZ-WH-SF



Flush Mount

5302SQBHZ-BL-FM
5302SQBHZ-WH-FM

Finish

Black Trim
White Trim



See spec sheet for housing and trim combinations that are ENERGY STAR® Qualified and T24 Certified.

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 437SQHZ-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMASQ4. See compatible housing pages for ordering information.

Adjustables

45° Angle-Cut Reflector



Self-Flanged ◊

5008SQBHZ-SF
5008SQHZ-SF
5008SQW-SF
5008SQWHZ-SF



Flush Mount

5008SQBHZ-FM
5008SQHZ-FM
5008SQW-FM
5008SQWHZ-FM

Finish

Black Haze Reflector
Haze Reflector
White Reflector
Wheat Haze Reflector

20° Angle-Cut Reflector



Self-Flanged ◊

5000SQBHZ-SF
5000SQHZ-SF
5000SQW-SF
5000SQWHZ-SF



Flush Mount

5000SQBHZ-FM
5000SQHZ-FM
5000SQW-FM
5000SQWHZ-FM

Finish

Black Haze Reflector
Haze Reflector
White Reflector
Wheat Haze Reflector

Adjustable Bevel Trim



Self-Flanged ◊

5308SQ-BL-SF
5308SQ-WH-SF



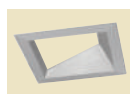
Flush Mount

5308SQ-BL-FM
5308SQ-WH-FM

Finish

Black Trim
White Trim

Lensed Angle-Cut Reflector



Self-Flanged ◊

5001SQBHZ-SF
5001SQHZ-SF
5001SQW-SF
5001SQWHZ-SF



Flush Mount

5001SQBHZ-FM
5001SQHZ-FM
5001SQW-FM
5001SQWHZ-FM

Finish

Black Haze Reflector
Haze Reflector
White Reflector
Wheat Haze Reflector

Lensed Adjustable Bevel Trim



Self-Flanged ◊

5301SQBHZ-BL-SF
5301SQBHZ-WH-SF



Flush Mount

5301SQBHZ-BL-FM
5301SQBHZ-WH-FM

Finish

Black Trim
White Trim



See spec sheet for housing and trim combinations that are ENERGY STAR® Qualified and T24 Certified.

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 438SQHZ-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMA5Q4. See compatible housing pages for ordering information.

Wall Wash

Lensed Wall Wash Trim



Self-Flanged ♦

5009SQBHZ-SF
5009SQHZ-SF
5009SQW-SF
5009SQWHZ-SF



Flush Mount

5009SQBHZ-FM
5009SQHZ-FM
5009SQW-FM
5009SQWHZ-FM

Finish

Black Haze Reflector
Haze Reflector
White Reflector
Wheat Haze Reflector



See spec sheet for housing and trim combinations that are ENERGY STAR® Qualified and T24 Certified.

♦ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 439SQHZ-SFWH)

Important: Flush mount adapter is required for flush mount trim installations -FMASQ4. See compatible housing pages for ordering information.



Verizon Destination Store, Chicago, Illinois; 37 Volts Light Studio, Mark Steele Photography



Indy™ Architectural Recessed Lighting

From downlights, wall washers, adjustables, cylinders and linear recessed and accent fixtures, Indy-brand architectural lighting offers the industry's broadest range of high-performance, commercial-grade luminaires. The driving force behind these products is advanced LED technology that has taken lumen output, energy efficiency, and quality of light to new heights. And award-winning innovations such as patent pending hyperbolic Silent Ceiling™ reflectors, ChromaControl™ color-tuning technology, and patented Lumen Depreciation Indicators (LDI) have kept Indy products on the cutting edge. However, the Indy story doesn't end with LEDs. Our comprehensive product line features multiple lamp options, unique optic designs, and superb construction details, establishing Indy-brand as the clear choice in architectural recessed lighting.



Architectural Recessed Lighting

Indy™ LED Commercial Luminaires...powered by performance, innovation, and efficiency

Packed with performance and innovation – and greater efficiency than ever – it's no wonder Indy LED commercial luminaires have been recognized for excellence throughout the industry. Indy lighting solutions transform commercial ceilings from ordinary to extraordinary by striking the optimum balance between brightness control, optical efficiency, and aesthetics. And through advanced LED technologies, Indy luminaires offer dramatic energy savings, maintenance-free operation, and responsible environmental stewardship.

Indy ChromaControl™ LED architectural lighting...offering unprecedented control over lighting performance

Indy ChromaControl LED Technology offers tunable white light and infinite tuning of color saturation and hue, providing more sophisticated lighting control than ever before. No longer are you limited to four or five CCT's, now color temperature can be tuned from 4000K-1600K while staying on the Planckian Locus, with an easy-to-use remote control. With unlimited color tuning you can choose the perfect CCT and color saturation for any space or décor. These extraordinary luminaires offer up to 1,100 lumens of natural white light with CRI values as high as 97 and R9 values as high as 98. ChromaControl LED luminaires are also available with Black Body Dimming to replicate the warmth and glow of halogen dimming. When dimming, the color temperature warms from 3000K to 1800K on the Black Body Locus, while maintaining very high CRI and R9 values throughout the entire dimming range. Indy ChromaControl LED technology puts the full spectrum of natural light at your fingertips.

Indy 1x4, 2x2, and 2x4 LED recessed linear luminaires...rendering the traditional troffer obsolete

Remember when fluorescent troffers were the de facto standard in commercial lighting? Well, times have changed. Indy LED recessed linear luminaires are over 40% more energy efficient than fluorescent troffers, last over twice as long, and offer a stunning aesthetic upgrade. Available in eight distinctive styles, they are sleek, clean, and modern in every way. LED output ranges from 2,600 to 6,500 lumens, producing low-glare light in four color temperatures. Requiring as little as 36-watts input, these ultra-efficient, architectural-grade luminaires boast exceptional efficacies as high as 120 lm/W. Indy 1x4, 2x2, and 2x4 LED luminaires drop easily into standard suspended ceilings and represent the ideal 21st Century alternative to the fluorescent troffer.

No one offers more commercial lighting solutions

Open and lensed downlights, linear recessed, pull-down adjustables, wall washers, surface cylinders, multi-lamp luminaires ... all are included in the comprehensive Indy product line. With multiple fixture styles and light-source options, Indy commercial recessed lighting offers exceptional solutions for every application. LED luminaires lead the way with superior lighting performance, optimal energy efficiency, and maintenance-free operation and are available in new construction and remodel designs, as well as economical, easy-to-install retrofit kits. And if you don't see what you need in this Product Guide, we are happy to discuss any customization or specials you may require.



LED



4" LED Downlight



6" LED Downlight



8" LED Downlight



4" LED Wall Wash



6" LED Wall Wash



8" LED Wall Wash



4" Sq. LED Downlight



6" Sq. LED Downlight



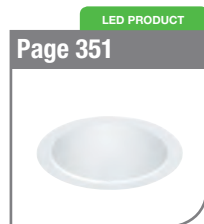
4" Sq. LED Wall Wash



6" Sq. LED Wall Wash



4" Black Body Dimming
LED Downlight



6" Black Body Dimming
LED Downlight



8" Black Body Dimming
LED Downlight



4" Black Body Dimming
LED Wall Wash



6" Black Body Dimming
LED Wall Wash



8" Black Body Dimming
LED Wall Wash



4" Sq. Black Body
Dimming LED Downlight



6" Sq. Black Body
Dimming LED Downlight



4" Sq. Black Body
Dimming LED Wall Wash



6" Sq. Black Body
Dimming LED Wall Wash

Cylinders

LED PRODUCT

Page 361



6" LED Series Open
Aperture

Page 362



10" Quad Horizontal
Compact Fluorescent
Open Downlight

Page 363



12" Triple Tube Vertical
Compact Fluorescent
Open Downlight

Page 364



12" Triple Horizontal
Compact Fluorescent
Open Downlight

Compact Fluorescent

Page 366



6" Triple Tube Horizontal
1-Lamp Downlight

Page 367



8" Triple Tube Horizontal
1-Lamp Downlight

Page 368



9" Triple Tube Horizontal
2-Lamp Downlight

Page 369



4" Triple Tube Vertical
1-Lamp Downlight

Page 370



6" Triple Tube Vertical
1-Lamp Downlight

Page 371



8" Triple Tube Vertical
1-Lamp Downlight

Page 372



9" Triple Tube Vertical
1-Lamp Downlight

Page 373



6" Triple Tube Horizontal
1-Lamp Wall Wash

Page 374



8" Triple Tube Horizontal
1-Lamp Wall Wash

Page 375



9" Triple Tube Horizontal
2-Lamp Wall Wash

Page 376



4" Triple Tube Vertical
1-Lamp Wall Wash

Page 377



6" Triple Tube Vertical
1-Lamp Wall Wash

Page 378



8" Triple Tube Vertical
1-Lamp Wall Wash

Page 379



9" Triple Tube Vertical
1-Lamp Wall Wash

Page 380



4" Sq. Triple Tube Vertical
1-Lamp Downlight

Page 381



6" Sq. Triple Tube Vertical
1-Lamp Downlight

Page 382



4" Sq. Triple Tube
Horizontal 1-Lamp
Downlight

Page 383



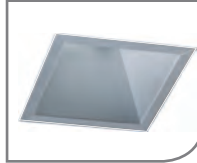
6" Sq. Triple Tube
Horizontal 1-Lamp
Downlight

Page 384



8" Sq. Triple Tube
Horizontal 2-Lamp
Downlight

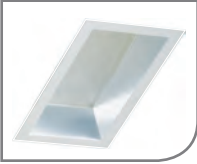
Page 385



8" Sq. Triple Tube
Horizontal 2-Lamp
Downlight

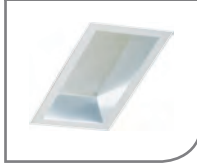
Compact Fluorescent (cont)

Page 386



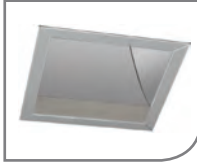
6" x 12" Triple Tube
Horizontal 2-Lamp
Downlight

Page 387



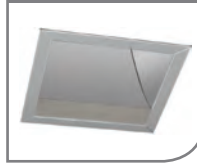
4" x 8" Triple Tube
Horizontal 1-Lamp
Downlight

Page 388



4" Sq. Triple Tube Vertical
1-Lamp Wall Wash

Page 389



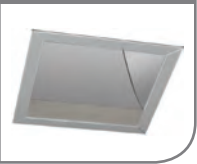
6" Sq. Triple Tube Vertical
1-Lamp Wall Wash

Page 390



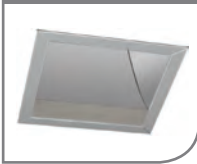
4" Sq. Triple Tube
Horizontal 1-Lamp
Wall Wash

Page 391



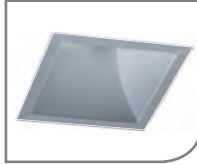
6" Sq. Triple Tube
Horizontal 1-Lamp
Wall Wash

Page 392



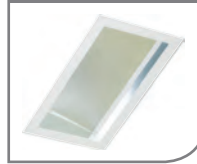
8" Sq. Triple Tube
Horizontal 2-Lamp
Wall Wash

Page 393



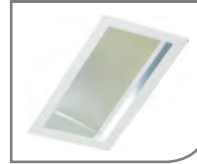
8" Sq. Triple Tube
Horizontal 2-Lamp
Wall Wash

Page 394



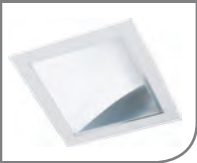
6" x 12" Triple Tube
Horizontal 2-Lamp
Wall Wash

Page 395



4" x 8" Triple Tube
Horizontal 1-Lamp
Wall Wash

Page 396



1" x 1" Triple Tube
Horizontal 1-Lamp
Wall Wash

Page 397



1" x 2" Long Twin Tube
Horizontal 1-Lamp
Wall Wash

Page 398



1" x 2" T-5 Fluorescent
Horizontal 2-Lamp
Wall Wash

HID

Page 400



4" T-4 CMH Downlight

Page 401



6" T-4 CMH Downlight

Page 402



4" T-6 CMH Downlight

Page 403



6" T-6 CMH Downlight

Page 404



8" T-6 CMH Downlight

Page 405



4" PAR20/30 CMH
Downlight

Page 406



6" PAR30/38 CMH
Downlight

Page 407



8" PAR30/38 CMH
Downlight

Page 408



4" T-4 CMH Adjustable
Accent

Page 409



6" T-4 CMH Adjustable
Accent

Page 410



4" T-6 CMH Adjustable
Accent

Page 411



6" T-6 CMH Adjustable
Accent

Page 412



8" T-6 CMH Adjustable
Accent

Page 413



4" PAR20/30 CMH
Adjustable Accent

Page 414



6" PAR30/38 CMH
Adjustable Accent

Page 415



8" PAR30/38 CMH
Adjustable Accent

HID (cont)

Page 416



4" Sq. T-4 CMH Downlight

Page 417



6" Sq. T-4 CMH Downlight

Page 418



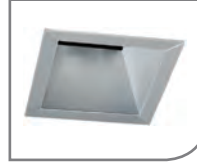
4" Sq. T-6 CMH Downlight

Page 419



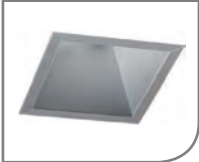
6" Sq. T-6 CMH Downlight

Page 420



4" Sq. PAR20/30 CMH
Downlight

Page 421



6" Sq. PAR30/38 CMH
Downlight

Page 422



4" Sq. T-4 CMH Adjustable
Accent

Page 423



6" Sq. T-4 CMH Adjustable
Accent

Page 424



4" Sq. T-6 CMH Adjustable
Accent

Page 425



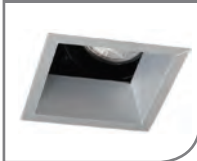
6" Sq. T-6 CMH Adjustable
Accent

Page 426



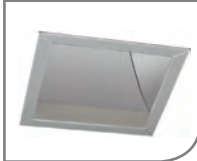
4" Sq. PAR20/30 CMH
Adjustable Accent

Page 427



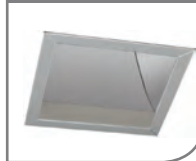
6" Sq. PAR30/38 CMH
Adjustable Accent

Page 428



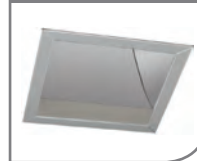
4" Sq. T-4 CMH Wall Wall

Page 429



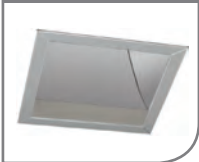
6" Sq. T-4 CMH Wall Wall

Page 430



4" Sq. T-6 CMH Wall Wall

Page 431



6" Sq. T-6 CMH Wall Wall

Page 432



1" x 1" ED-17 CMH
Horizontal 1-Lamp
Wall Wash

LED



2x2 LED
(Low Profile Basket)



2x4 LED
(Low Profile Basket)



1x4 LED
(Low Profile Basket)



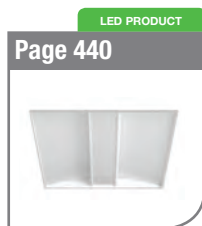
2x2, 2x4 LED, Basket



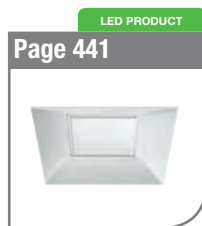
1x4 LED, Basket



2x2, 2x4 LED
(Illusion Lay-in)



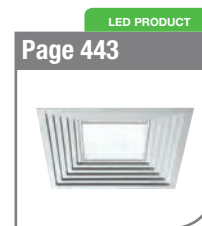
2x2, 2x4 LED
(Flat Lay-in)



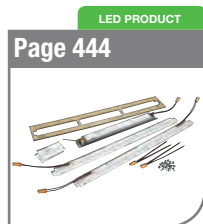
2x2 Parabolic LED



2x2 Parabolic LED,
Pendant Mount



2x2 Ziggurat LED



Linear LED Retrofit Kit



L4 4" LED Hyperbolic New
Construction Downlight



L4 4" LED Parabolic New
Construction Downlight



L4 4" LED Hyperbolic Wall
Wash



L4 4" LED Parabolic Wall
Wash



L6 6" LED Hyperbolic New
Construction Downlight



L6 6" LED Parabolic New
Construction Downlight



L6 LED Hyperbolic Wall
Wash



L6 6" LED Parabolic Wall
Wash



L8 8" LED Hyperbolic New
Construction Downlight

LED (cont)

LED PRODUCT

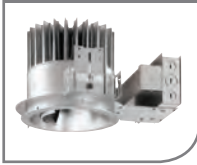
Page 464



L8 8" LED Parabolic New Construction Downlight

LED PRODUCT

Page 466



L8 8" LED Hyperbolic Wall Wash

LED PRODUCT

Page 468



L8 8" LED Parabolic Wall Wash

LED PRODUCT

Page 470



LRM4 4" LED Hyperbolic Remodel Downlight

LED PRODUCT

Page 471



LRM4 4" LED Parabolic Remodel Downlight

LED PRODUCT

Page 472



LRM4 4" LED Hyperbolic Remodel Wall Wash

LED PRODUCT

Page 473



LRM4 4" LED Parabolic Remodel Wall Wash

LED PRODUCT

Page 474



LRM6 6" LED Hyperbolic Remodel Downlight

LED PRODUCT

Page 476



LRM6 6" LED Parabolic Remodel Downlight

LED PRODUCT

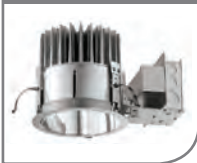
Page 478



LRM6 6" LED Hyperbolic Remodel Wall Wash

LED PRODUCT

Page 480



LRM6 6" LED Parabolic Remodel Wall Wash

LED PRODUCT

Page 482



LRM8 8" LED Hyperbolic Remodel Downlight

LED PRODUCT

Page 484



LRM8 8" LED Parabolic Remodel Downlight

LED PRODUCT

Page 486



LRM8 8" LED Hyperbolic Remodel Wall Wash

LED PRODUCT

Page 488



LRM8 8" LED Parabolic Remodel Wall Wash

LED PRODUCT

Page 490



LRT6 6" LED Hyperbolic Retrofit Downlight

LED PRODUCT

Page 492



LRT6 6" LED Parabolic Retrofit Downlight

LED PRODUCT

Page 494



LRT6 6" LED Parabolic Wall Wash Retrofit

LED PRODUCT

Page 496



LRT8 8" LED Hyperbolic Retrofit Downlight

LED PRODUCT

Page 498



LRT8 8" LED Parabolic Retrofit Downlight

LED (cont)



LRT8 8" LED Parabolic Wall Wash Retrofit



LRT9 9" LED Hyperbolic Retrofit Downlight



LRT9 9" LED Parabolic Retrofit Downlight



LRT10 10" LED Hyperbolic Retrofit Downlight



LRT10 10" LED Parabolic Retrofit Downlight



LRT12 12" LED Hyperbolic Retrofit Downlight



LRT12 12" LED Parabolic Retrofit Downlight



LA4 4" LED Internally Adjustable Accent Light



LA6 6" LED Internally Adjustable Accent Light



LA8 8" LED Internally Adjustable Accent Light



LC4 4" LED Cylinder Downlight



LC6 6" LED Cylinder Downlight

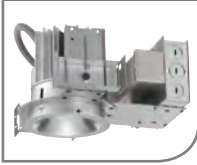


LC8 8" LED Cylinder Downlight

LED (cont) ChromaControl™

LED PRODUCT

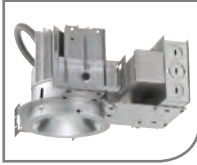
Page 524



BBD4 4" LED Hyperbolic
Black Body Dimming
Downlight - ChromaControl

LED PRODUCT

Page 525



BBD4 4" LED Parabolic
Black Body Dimming
Downlight - ChromaControl

LED PRODUCT

Page 526



BBD4 4" LED Wall Wash
Black Body Dimming -
ChromaControl

LED PRODUCT

Page 527



BBD6 6" LED Hyperbolic
Black Body Dimming
Downlight - ChromaControl

LED PRODUCT

Page 528



BBD6 6" LED Parabolic
Black Body Dimming
Downlight - ChromaControl

LED PRODUCT

Page 529



BBD6 6" LED Wall Wash
Black Body Dimming -
ChromaControl

LED PRODUCT

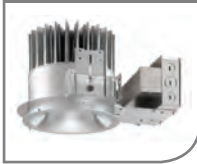
Page 530



BBD8 8" LED Hyperbolic
Black Body Dimming
Downlight - ChromaControl

LED PRODUCT

Page 531



BBD8 8" LED Parabolic
Black Body Dimming
Downlight - ChromaControl

LED PRODUCT

Page 532



BBD8 8" LED Wall Wash
Black Body Dimming -
ChromaControl

LED PRODUCT

Page 533



BBDRM4 4" LED Hyperbolic
Black Body Dimming
Remodel Downlight -
ChromaControl

LED PRODUCT

Page 534



BBDRM4 4" LED Parabolic
Black Body Dimming
Remodel Downlight -
ChromaControl

LED PRODUCT

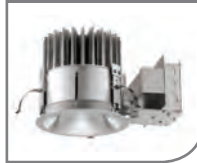
Page 535



BBDRM4 4" LED Wall Wash
Black Body Dimming
Remodel - ChromaControl

LED PRODUCT

Page 536



BBDRM6 6" LED Hyperbolic
Black Body Dimming
Remodel Downlight -
ChromaControl

LED PRODUCT

Page 537



BBDRM6 6" LED Parabolic
Black Body Dimming
Remodel Downlight -
ChromaControl

LED PRODUCT

Page 538



BBDRM6 6" LED Wall Wash
Black Body Dimming
Remodel - ChromaControl

LED PRODUCT

Page 539



BBDRM8 8" LED Hyperbolic
Black Body Dimming
Remodel Downlight -
ChromaControl

LED PRODUCT

Page 540



BBDRM8 8" LED Parabolic
Black Body Dimming
Remodel Downlight -
ChromaControl

LED PRODUCT

Page 541



BBDRM8 8" LED Wall Wash
Black Body Dimming
Remodel - ChromaControl

LED PRODUCT

Page 542



BBDR6 6" LED Hyperbolic
Black Body Dimming
Retrofit Downlight -
ChromaControl

LED PRODUCT

Page 543



BBDR6 6" LED Parabolic
Black Body Dimming
Retrofit Downlight -
ChromaControl

LED (cont) ChromaControl™

LED PRODUCT

Page 544



BBDR6 6" LED Wall Wash
Black Body Dimming
Retrofit - ChromaControl

LED PRODUCT

Page 545



BBDR8 8" LED Hyperbolic
Black Body Dimming
Retrofit Downlight -
ChromaControl

LED PRODUCT

Page 546



BBDR8 8" LED Parabolic
Black Body Dimming
Retrofit Downlight -
ChromaControl

LED PRODUCT

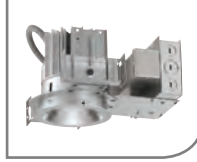
Page 547



BBDR8 8" LED Wall Wash
Black Body Dimming
Retrofit - ChromaControl

LED PRODUCT

Page 548



CT4 4" LED Hyperbolic
Tunable White/Color
Tuning Downlight -
ChromaControl

LED PRODUCT

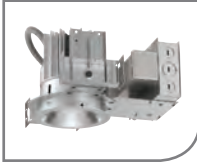
Page 549



CT4 4" LED Parabolic
Tunable White/Color
Tuning Downlight -
ChromaControl

LED PRODUCT

Page 550



CT4 4" LED Wall Wash
Tunable White/Color
Tuning - ChromaControl

LED PRODUCT

Page 551



CT6 6" LED Hyperbolic
Tunable White/Color
Tuning Downlight -
ChromaControl

LED PRODUCT

Page 552



CT6 6" LED Parabolic
Tunable White/Color
Tuning Downlight -
ChromaControl

LED PRODUCT

Page 553



CT6 6" LED Wall Wash
Tunable White/Color
Tuning - ChromaControl

LED PRODUCT

Page 554



CT8 8" LED Hyperbolic
Tunable White/Color
Tuning Downlight -
ChromaControl

LED PRODUCT

Page 555



CT8 8" LED Parabolic
Tunable White/Color
Tuning Downlight -
ChromaControl

LED PRODUCT

Page 556



CT8 8" LED Wall Wash
Tunable White/Color
Tuning - ChromaControl

LED PRODUCT

Page 557



CTRM4 4" LED Hyperbolic
Tunable White/Color
Tuning Remodel Downlight
- ChromaControl

LED PRODUCT

Page 558



CTRM4 4" LED Parabolic
Tunable White/Color
Tuning Remodel Downlight
- ChromaControl

LED PRODUCT

Page 559



CTRM4 4" LED Wall
Wash Tunable White/
Color Tuning Remodel -
ChromaControl

LED PRODUCT

Page 560



CTRM6 6" LED Hyperbolic
Tunable White/Color
Tuning Remodel Downlight
- ChromaControl

LED PRODUCT

Page 561



CTRM6 6" LED Parabolic
Tunable White/Color
Tuning Remodel Downlight
- ChromaControl

LED PRODUCT

Page 562



CTRM6 6" LED Wall
Wash Tunable White/
Color Tuning Remodel -
ChromaControl

LED PRODUCT

Page 563



CTRM8 8" LED Hyperbolic
Tunable White/Color
Tuning Remodel Downlight
- ChromaControl

LED (cont) ChromaControl™

LED PRODUCT

Page 564



CTRM8 8" LED Parabolic
Tunable White/Color
Tuning Remodel Downlight -
ChromaControl

LED PRODUCT

Page 565



CTRM8 8" LED Wall Wash
Tunable White/Color
Tuning Remodel -
ChromaControl

LED PRODUCT

Page 566



CTRT6 6" LED Hyperbolic
Tunable White/Color
Tuning Retrofit Downlight -
ChromaControl

LED PRODUCT

Page 567



CTRT6 6" LED Parabolic
Tunable White/Color
Tuning Retrofit Downlight -
ChromaControl

LED PRODUCT

Page 568



CTRT6 6" LED Wall
Wash Tunable White/
Color Tuning Retrofit -
ChromaControl

LED PRODUCT

Page 569



CTRT8 8" LED Hyperbolic
Tunable White/Color
Tuning Retrofit Downlight -
ChromaControl

LED PRODUCT

Page 570



CTRT8 8" LED Parabolic
Tunable White/Color
Tuning Retrofit Downlight -
ChromaControl

LED PRODUCT

Page 571



CTRT8 8" LED Wall
Wash Tunable White/
Color Tuning Retrofit -
ChromaControl

Compact Fluorescent

Page 572



C4 4" Triple Tube
Vertical - Open Downlight,
Wall Wash

Page 573



C6 6" Quad Tube
Vertical - Open Downlight,
Wall Wash

Page 574



C6 6" Triple Tube
Vertical - 26W, 32W Open
Downlight, Wall Wash,
Cross-Blade Louver

Page 575



C6 6" Triple Tube
Vertical - 26W, 32W
Lenslite

Page 576



C6 6" Triple Tube
Vertical - 42W Open
Downlight, Wall Wash,
Cross-Blade Louver

Page 577



C6 6" Triple Tube
Vertical - 42W Lenslite

Page 578



C8 8" Quad Tube
Vertical - Open Downlight,
Wall Wash

Page 579



C8 8" Triple Tube
Vertical - 26W, 32W Open
Downlight, Wall Wash,
Cross-Blade Louver

Page 580



C8 8" Triple Tube
Vertical - 26W, 32W
Lenslite

Page 581



C8 8" Triple Tube
Vertical - 42W Open
Downlight, Wall Wash

Page 582



C8 8" Triple Tube
Vertical - 42W Lenslite

Page 583



C9 9" Triple Tube
Vertical - Open Downlight,
Wall Wash

Page 584



C9 9" Triple Tube
Vertical - Lenslite

Page 585



C6 6" Quad Tube
Horizontal - Open
Downlight, Wall Wash,
Cross-Blade Louver

Page 586



C6 6" Quad Tube
Horizontal - Lenslite

Page 587



C6 6" Triple Tube
Horizontal - Open
Downlight, Wall Wash,
Cross-Blade Louver

Page 588



C6 6" Triple Tube
Horizontal - Lenslite

Page 589



C6 6" Triple Tube
Spread Lens Wall Wash

Page 590



C8 8" Quad Tube
Horizontal - Open
Downlight, Wall Wash

Page 591



C8 8" Quad Tube
Horizontal - Lenslite

Compact Fluorescent (cont)

Page 592



C8 8" Quad Tube
Horizontal - Dropped Disk
Design

Page 593



C8 8" Quad Tube
Horizontal - Shallow
Cross-Blade Louver

Page 594



C8 8" Quad Tube
Spread Lens Wall Wash

Page 595



C8 8" Triple Tube
Horizontal - Open
Downlight, Wall Wash

Page 596



C8 8" Triple Tube
Horizontal - Lenslite

Page 597



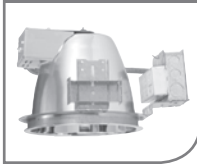
C8 8" Triple Tube
Horizontal - Shallow
Cross-Blade Louver

Page 598



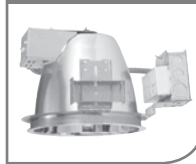
C8 8" Triple Tube
Spread Lens Wall Wash

Page 599



C9 9" Quad Tube
Horizontal - Open
Downlight, Wall Wash

Page 600



C9 9" Triple Tube
Horizontal - Open
Downlight, Wall Wash

Page 601



C9 9" Triple Tube
Horizontal - Lenslite

Page 602



C9 9" Triple Tube
Horizontal - Dropped Disk
Design

Page 603



C9 9" Triple Tube
Horizontal - Shallow
Cross-Blade Louver

Page 604



C9 9" Triple Tube
Angle Cone Wall Wash

Page 605



C12 12" Triple Tube
Horizontal - Open
Downlight

HID

Page 608



M4 4" T4 Vertical
CMH - Downlight

Page 609



M4 4" T6/T4.5 Vertical
CMH - Open Downlight

Page 610



M4 4" PAR20 Vertical
CMH - Open Downlight

Page 611



M6 6" T4 Vertical
CMH - Open Downlight

Page 612



M6 6" T6/T4.5 Vertical
CMH - Open Downlight

Page 613



M6 6" PAR30L/38 Vertical
CMH - Open Downlight

Page 614



M6 6" ED17 Vertical
CMH - Lenslite

Page 615



M8HD 8" T6 Dura-Life
CMH - Lenslite for 2 Lamps

Page 616



M8 8" T6 Vertical
CMH - Open Downlight

Page 617



M8 8" PAR30L/38 Vertical
CMH - Open Downlight

Page 618



MD8 8" PAR30L/38 Vertical
CMH - Deep Cone, Deep
Baffle

Page 619



M8 8" ED17 Vertical
CMH - Lenslite

Page 620



M10 10" ED17/28 Vertical
CMH - Lenslite

Page 621



M6 6" T4 CMH - Spread
Lens Wall Wash

Page 622



M6 6" T6-T4.5 CMH
Spread Lens Wall Wash

Page 623



M6 6" PAR38 CMH
Spread Lens Wall Wash

Page 624



M8 8" T6 CMH Spread
Lens Wall Wash

Page 625



M8 8" PAR38 CMH Spread
Lens Wall Wash

Page 626



M4A 4" T4 CMH - Internally
Adjustable, Low Glare

Page 627



M4A 4" T6/T4.5 CMH
Internally Adjustable,
Low Glare

HID (cont)

Page 628



M4A 4" PAR20 CMH
Internally Adjustable,
Low Glare

Page 629



M6A 6" T4 CMH - Internally
Adjustable, Low Glare

Page 630



M6A 6" T6/T4.5 CMH
Internally Adjustable,
Low Glare

Page 631



M6A 6" PAR30L/38 CMH
Internally Adjustable, Low
Glare

Page 632



M6A 6" PAR38 CMH
Internally Adjustable, Easy
Adjustment

Page 633



M8A 8" T6 CMH - Internally
Adjustable, Low Glare

Page 634



M8A 8" PAR30L/38 CMH
Internally Adjustable,
Low Glare

Page 635



M8A 8" PAR38 CMH
Internally Adjustable,
Easy Adjustment

Incandescent

Page 636



A4 4" Vertical A19 - Open
Downlight

Page 637



A4 4" Vertical PAR16/20
Open Downlight

Page 638



P4D 4" Vertical PAR30
Deep Cone, Baffle
Downlight

Page 639



A6H 6" Horizontal A19/21
Open Downlight, Wall
Wash

Page 640



A6 6" Vertical A19/21
Open Downlight, Wall
Wash

Page 641



P6 & A6 6" Vertical
PAR30/38 - Open
Downlight

Page 642



P6D 6" Vertical PAR30/38
Deep Cone, Baffle
Downlight

Page 643



A8 8" Vertical A21/23
Open Downlight, Wall
Wash

Page 644



A8 8" Vertical A21/23
Lenslite

Page 645



A8 8" Vertical PAR38
Open Downlight

Incandescent (cont)

Page 646



P8D 8" Vertical PAR38
Deep Cone, Baffle
Downlight

Page 647



P6 6" PAR38 - Spread Lens
Wall Wash

Page 648



P8 8" PAR38 - Spread Lens
Wall Wash

Page 648



P4A 4" PAR16/20 Internally
Adjustable, Low Glare

Page 650



P5A 5" PAR38 Internally
Adjustable

Page 651



P6A 6" Square PAR38
Internally Adjustable

Page 652



P6A 6" PAR16/20/30
Internally Adjustable

Page 653



P6A 6" PAR38 Internally
Adjustable

Page 654



P8A 8" PAR38 Internally
Adjustable, Low Glare

Page 655



P8RA 8" PAR38 Internally
Adjustable, Easy
Adjustment

Page 656



P9A 9" PAR38 Internally
Adjustable

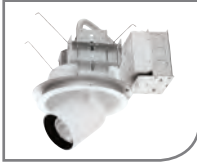
Adjustable Accent (Pull Down and Semi-Recessed)

Page 657



M6PD 6" PAR20 CMH
Pull Down Adjustable

Page 658



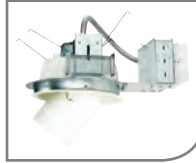
M6SR 6" PAR20 CMH
Semi-Recessed Adjustable

Page 659



M8PD 8" PAR30 CMH
Pull Down Adjustable

Page 660



M8SR 8" PAR30 CMH
Semi-Recessed Adjustable

Page 661



M8PD 8" PAR38 CMH
Pull Down Adjustable

Page 662



M8SR 8" PAR38 CMH
Semi-Recessed Adjustable

Page 663



P6PD 6" PAR16/20
Incandescent Pull Down
Adjustable

Page 664



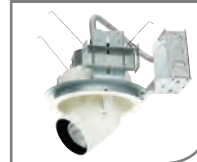
P6SR 6" PAR16/20
Incandescent
Semi-Recessed
Adjustable

Page 665



P6PD 6" PAR30
Incandescent Pull Down
Adjustable

Page 666



P6SR 6" PAR30
Incandescent
Semi-Recessed
Adjustable

Page 667



P8PD 8" PAR38
Incandescent Pull Down
Adjustable

Page 668



P8SR 8" PAR38
Incandescent
Semi-Recessed
Adjustable

Page 669



P8FA 8" PAR38
Incandescent
Flush Adjustable

Page 670



P9PD 9" PAR38
Incandescent Pull Down
Adjustable

Multi-Lamp

LED PRODUCT

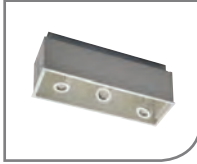
Page 672



LED Designer Cove™
MR16 Size Open Aperture
with White Trim Flange

LED PRODUCT

Page 673



LED Designer Cove™
MR16 Size Open Aperture,
Trimless

LED PRODUCT

Page 674



LED Designer Cove™
PAR30 Size Open Aperture
with White Trim Flange

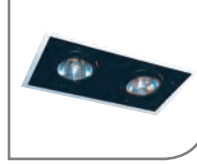
LED PRODUCT

Page 675



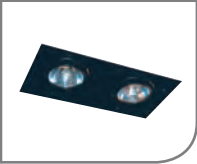
LED Designer Cove™
PAR30 Size Open Aperture,
Trimless

Page 676



Designer Cove™
T4 CMH Open Aperture
with White Trim Flange

Page 677



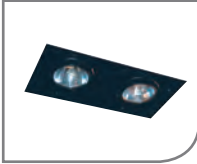
Designer Cove™
T4 CMH Open Aperture,
Trimless

Page 678



Designer Cove™
T6/T4.5 CMH Open
Aperture with White
Trim Flange

Page 679



Designer Cove™
T6/T4.5 CMH Open
Aperture, Trimless

Page 680



Designer Cove™
PAR20 CMH Open Aperture
with White Trim Flange

Page 681



Designer Cove™
PAR30/38 CMH Open
Aperture with White Trim
Flange

Page 682



Designer Cove™
MR16 Low Voltage - Open
Aperture with White Trim
Flange, Low Profile

Page 683



Designer Cove™
MR16 Low Voltage - Open
Aperture with White
Trim Flange, Individual
Transformers

Page 684



Designer Cove™
MR16 Low Voltage - Open
Aperture, Trimless

Page 685



Designer Cove™
PAR20/30/38 Halogen
Open Aperture with White
Trim Flange

Page 686



Designer Cove™
PAR20/30/38 Halogen
Open Aperture, Trimless

LED PRODUCT

Page 687



LED Multi-Spot®
MR16 Size Recessed
Adjustables

LED PRODUCT

Page 688



LED Multi-Spot®
PAR30 Size Recessed
Adjustables

LED PRODUCT

Page 689



Multi-Spot®
LED Retrofit Kit Recessed
Adjustables

Page 690



Multi-Spot®
T4 CMH Multi-Lamp
Recessed Adjustables

Page 691



Multi-Spot®
T6/T4.5 CMH Multi-Lamp
Recessed Adjustables

Multi-Lamp (cont)

Page 692



Multi-Spot®
MR16 CMH - Multi-Lamp
Recessed Adjustables

Page 693



Multi-Spot®
PAR30 CMH - Closed Pan
with White Trim Flange

Page 694



Multi-Spot®
ED17 CMH - Adjustable
Wall Wash with White Trim
Flange & Lens

Page 695



MS257 T4 Wall Wash
Multi-Spot® Adjustable
Wall Wash

Page 696



MS124 T4 Wall Wash
Multi-Spot® Adjustable
Wall Wash

Page 697



MS256 T6/T4.5 Wall Wash
Multi-Spot® Adjustable
Wall Wash

Page 698



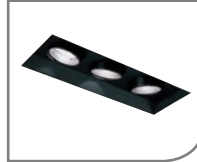
MS122 T6/T4.5 Wall Wash
Multi-Spot® Adjustable
Wall Wash

Page 699



Multi-Spot®
MR16 Low Voltage
Closed Pan with White
Trim Flange

Page 700



Multi-Spot®
PAR30 Halogen Closed Pan
with White Trim Flange

Page 701



Multi-Spot®
PAR38 Halogen Closed Pan
with White Trim Flange

Accessories

Page 702



Mounting Accessories

Designer Series LED Rounds - Rough-In and reflector each ordered separately

Lamp Type	Fixture Type	Aperture Size	Light Engine Lumen Output	CCT	Voltage	Options	Reflector	Color Option	Finish	Options
S	D	4	11	30	1		SD4	SA	F	
S Solid State (LED)	D Downlight	4 4 inch	11 1100 Lumens	27 2700K	1 120V	F Fuse and fuse holder	SD4 Downlight	SA Clear	F Specular	PF Painted flange only (White)
		6 6 inch	15 1500 Lumens	30 3000K	2 277V	BP 120/277V Emergency battery pack with remote test switch	SD6 Downlight	CG Gold	SF Satin	WET Wet location
		8 8 inch	20 2000 Lumens	35 3500K	3 347V		SD8 Downlight	WT Wheat	QF* Semi-Specular (*Clear only)	
			30 3000 Lumens	40 4100K		R Reverse Phase dimming	SAW4 Architectural Wall Wash	PA Pewter		
						D Dali control dimming	SAW6 Architectural Wall Wash	BR Bronze		
						PD Lutron dimming driver	SAW8 Architectural Wall Wash	BA Black		
						CP Chicago plenum		WH White Paint		

Designer Series LED Squares - Rough-In and reflector each ordered separately

Lamp Type	Fixture Type	Square	Aperture Size	Light Engine Lumen Output	CCT	Voltage	Options	Reflector	Color Option	Finish	Options
S	D	SQ	4	11	30	1		SD4	SA	F	
S Solid State (LED)	D Downlight	SQ Square	4 4 inch	11 1100 Lumens	27 2700K	1 120V	F Fuse and fuse holder	SDSQ4 Downlight	SA Clear	F Specular	PF Painted flange only (White)
			6 6 inch	15 1500 Lumens	30 3000K	2 277V	BP 120/277V Emergency battery pack with remote test switch	SDSQ6 Downlight	CG Gold	SF Satin	WET Wet location
				20 2000 Lumens	35 3500K	3 347V		SAWSQ4 Architectural Wall Wash	WT Wheat		
				30 3000 Lumens	40 4100K		R Reverse Phase dimming	SAWSQ6 Architectural Wall Wash	PA Pewter		
							D Dali control dimming		BR Bronze		
							PD Lutron dimming driver		BA Black		
							CP Chicago plenum		WH White Paint		

Designer Series CFL Rounds

Source	Type	Lamp Configuration	Aperture	Wattage	Ballast	Color Options	Trim	Finish	Flange	Options/Accessories	
F	W	5	9	42	E	SA	C	S	F	LD	
F	D	1	6	26	E	SA	C	S	F	D7	LD
Fluorescent	Downlight	Vertical triple tube	8	32	Electronic	Clear	Cone	Satin	Self flange	Advance® dimming ballast (Mark 7)	Lutron® dimming ballast
	W	2	9	42		CG				AD	BP-I
	Wallwash	Horizontal triple tube 1-lamp				Champagne Gold				Advance® dimming ballast (Mark 10)	Emergency battery pack w/ internal test switch
		5				BA				CP	F
		Horizontal triple tube 2-lamp				Black				Chicago plenum approval	Fuse and fuse holder
						PA				SCA	825
						Pewter				Sloped ceiling adaptor	'C' channel mounting bars, pair
						WT					PF
						Wheat					Painted flange
						BR					
						Bronze					
						WH					
						White Paint					

Designer Series CMH Rounds

Source	Type	Lamp Configuration	Aperture	Wattage	Input/Voltage	Color Options	Trim	Finish	Flange	Options/Accessories	
H	A	3	8	70	E	CG	C	S	F	CP	
H	D	1	4	20	E	SA	C	S	F	FL	
H.I.D.	Downlight	Vertical ED-17 Non-protected	6	T4/T6	Electronic Universal Voltage	Clear	Cone	Satin	Self flange	Flood reflector	
	A	3	8	39	E1	CG				MFL	
	Accent	Vertical ED-17 Protected		T-4/T-6 PAR20/ PAR30	120V Electronic (150W Only)	Champagne Gold				Medium flood reflector	
		5		70		BA				F	
		Vertical T-6		T-4/T-6/ED-17 PAR30/PAR38	277V Electronic (150W Only)	Black				Fuse and fuse holder	
		7		100		PA				CP	
		Vertical T-4		ED-17/PAR38		Pewter				Chicago plenum approval	
		B		150		WT				825	
		PAR		T-6/ED-17 PAR38		Wheat				"C" channel mounting bars, pair	
						BR				SCA	
						Bronze				Sloped ceiling adaptor	
						WH				PF	
						White Paint				Painted flange	

Black=Common
Red=PAR30 & PAR38 only
Orange=T-4 only

Designer Series CFL Squares

Source	Type	Square	Lamp Configuration	Aperture	Wattage	Ballast/Voltage	Trim Finish Options	Options
F	D	SQ	1	4	26	E	SA T S* F	825
F Fluorescent	D Downlight W Wall Wash	SQ Square	1 Vertical Triple Tube	4 6	26 Triple Tube 32 Triple Tube 42 Triple Tube	E Electronic Universal Voltage	SATSF Clear (Std.) Trim Satin Self Flange CGTSF Champagne Gold Trim Satin Self Flange BATSF Black Trim Satin Self Flange PATSF Pewter Trim Satin Self Flange WTSTF Wheat Trim Satin Self Flange BRTSF Bronze Trim Satin Self Flange Painted Finish Option WHTF White Trim Self Flange	F Fuse and Fuse Holder CP Chicago Plenum Approval (Consult factory for availability) D7 Advance® dimming ballast (Mark 7) AD Advance® dimming ballast (Mark 10) LD Lutron® dimming ballast 825 28" "C" Channel Mounting Bars, Pair BP1-I 120V Emergency Battery Pack with Internal Test Switch (For remote test switch, specify-BP1) BP2-I 277V Emergency Battery Pack with Internal Test Switch (For remote test switch, specify-BP2)

Designer Series CMH Squares

Source	Type	Square	Lamp Configuration	Aperture	Wattage	Input/Voltage	Trim Finish Options	Options
H	A	SQ	7	4	20	E	SA T S* F	F
H H.I.D. (CMH)	D Downlight A Adjustable W Wall Wash	SQ Square	5 Vertical T6 7 Vertical T-4 B PAR	4 6	20 T4/T6 39 T-4/T6/PAR20/PAR30 70 T-4/T6/PAR30/PAR38 100 PAR38 150 T6/PAR38	E Electronic Universal Voltage E1 120V Electronic (150W Only) E2 277V Electronic (150W Only)	SATSF Clear (Std.) Trim Satin Self Flange CGTSF Champagne Gold Trim Satin Self Flange BATSF Black Trim Satin Self Flange PATSF Pewter Trim Satin Self Flange WTSTF Wheat Trim Satin Self Flange BRTSF Bronze Trim Satin Self Flange Painted Finish Option WHTF White Trim Self Flange	F Fuse and Fuse Holder CP Chicago Plenum Approval (Consult factory for availability) 825 28" "C" Channel Mounting Bars, Pair MFL Medium Flood Reflector (T-4/T6 only) Adjustables FL Flood Reflector (T6 only) Adjustables

* For specular trim, remove "S"
eg., SATF

Black=Common
Red=PAR30 & PAR38 only
Blue=PAR56
Orange=T-4 only
Green=MR16, AR70 & AR111 only

Light Control Accessories (Order Separately)

Light Control Lenses
These alter the light distribution of a given lamp, enlarging or elongating it, softening the beam edge or removing striations.



Accessories Holders

851-
IASQ34, LASQ24, LASQ34
(Holds up to two accessories)
854-
(Holds up to two accessories)

Lens/Louver/Filter*

PGL
Prismatic Glass Lens
LSL
Linear Spread Lens
LVR
Louver

Color Filters
These change white light into colored light and are available in a variety of colors.



Color Filters*

CF-
Ordering Example:
CF-XX(=Lamp Type i.e. PAR38)-Color (B)

Color Options

R-Red
P-Pink
B-Light Blue
MB-Medium Blue
A-Amber
G-Green

Designer Series Squares

Source	Square	Type/ Aperture	Lamp Wattage	Ballast	Trim Finish Options	OR	Reflector Finishes	Options
23	SQ	26	32	E	SATSF	OR	SASF	F
Downlight	Square	6"	Triple Tube	Electronic Universal Voltage 120V/277V	Clear (Std.)		Clear (Std.)	Fuse and Fuse Holder
25		26	32		CGTSF		CGSF	CP
Wall Wash		(26W or 32W) Fluorescent	Triple Tube		Champagne Gold		Champagne Gold	Chicago Plenum Approval (Consult factory for availability)
25		58	42		BATSF		BASF	825
Wall Wash		8"	Triple Tube		Black		Black	28" "C" Channel Mounting Bars (pair)
45		21	42-26/32/42W		PATSF		PASF	DB
Wall Wash		(1 x 1 Fluores- cent)	57-57W		Pewter		Pewter	Dimming Ballast (Consult Factory)
		41	70-70W		WTTSF		WTSF	BP1
		(1 x 1 HID)			Wheat		Wheat	120V Emergency Battery Pack w/Internal Test Switch (For remote test switch, specify - BP1) (For 255Q58 Fixture Series)
			70		BRTSF		BRSF	BP2
			ED17		Bronze		Bronze	277V Emergency Battery Pack w/Internal Test Switch (For remote test switch, specify - BP2) (For 255Q58 Fixture Series)
			100		Painted Finish Option		WHF	
			ED17		WHTF		23SQ58, 45SQ41 (Only)	
			150		White 23SQ26, 25SQ26 (Only)		WH	
			ED17				25SQ21, 45SQ41 (Only)	
								1L
								Single Lamp Center Position (For 23SQ58 and 25SQ58 Only)
								DLS
								Dual Level Switching (For 23SQ58 and 25SQ58 Only)
								PF
								Painted Flange Only (White) (For 23SQ26, 23SQ58, 25SQ58 and 25SQ26 Only)

Black=Common
Red=CFL Triple Tube
Blue=1x1, CFL Twin Tube
Orange=ED17

Designer Series Rectangles

Source	Rectangular	Type/ Aperture	Lamp Wattage	Ballast	Trim Finish Options	OR	Reflector Finishes	Lens	Options
23	R	56	32	E	SATSF	OR	SA	PGL	F
Downlight	Rectangular	6" x 12"	Triple Tube	Electronic Universal Voltage 120V/277V	Clear (Std.)		Clear (Std.)	Prismatic Glass (Std.) (23R24 and 25R24 Only)	Fuse and Fuse Holder
25		24	32		CGTSF		CG		CP
Wall Wash		(32W or 42W) Fluorescent	(except 23R56 and 25R56)		Champagne Gold		Champagne Gold		Chicago Plenum Approval (Consult factory for availability)
25		42	40		BATSF		BA		825
Wall Wash		4" x 8"	Triple Tube		Black		Black		28" "C" Channel Mounting Bars (pair)
25		71	50		PATSF		PA		DB
Wall Wash		(26W, 32W or 42W) Fluorescent	Long Twin Tube		Pewter		Pewter		Dimming Ballast (Consult Factory)
		80	55		WTTSF		WT		BP1-I
		1' x 2' Long Twin Tube	Long Twin Tube		Wheat		Wheat		120V Emergency Battery Pack w/Internal Test Switch (For remote test switch, specify - BP1)
			80		BRTSF		BR		BP2-I
			Long Twin Tube		Bronze		Bronze		277V Emergency Battery Pack w/Internal Test Switch (For remote test switch, specify - BP2)
					Painted Finish Option		WHF		PF
					WHTF		25R71, 25R91 (Only)		Painted Flange Only (White) (For 23R56, 25R56, 23R24 and 25R24 Only)
					White 23R56, 25R56, 23R24 and 25R24 (Only)				

Black=Common
Red=CFL Triple Tube
Blue=CFL Twin Tube
Orange=T-5 Fluorescent

Designer Series Cylinders

Cylinder Dia.	Lamp Orientation	# of Lamps	Mounting	Lamp Type	Ballast Type	Cylinder Finish	Voltage	Lower Cone Color/Finish	Lens Type	Options	
9				18Q	E	W		C	L		
9	-blank- Vertical	-blank- One	-blank- Surface Mount	18Q 18W Quad	E Electronic	W White	-blank- 120/277V Dual Tap or Universal	C Clear	L Specular Low Iridescent	-blank- None	3 347V
10	H Horizontal	2 Two	P Pendant Mount	26Q 26W Quad	M Magnetic	B Black	1 120V	G Gold	S Satin Anodize Iridescent	FG Fresnel Glass Lens	F Slow Blow Fuse and Fuse Holder (Select specific voltage in voltage selection)
12			B Wall Mount	32T 32W Triple	-blank- For LED, QL & CFL		2 277V	B Black	W White	PG Prismatic Glass Lens	D10 Dimming Ballast Advance Mark X
SC6 LED				42T 42W Triple			For LED	X Cross Blade Louver	-blank- For Baffle & White		D7 Dimming Ballast Advance Mark VII
											DL Dimming Ballast Lutron Hi-Lume®

LED Downlight Rough-In

Source	Aperture Size		Light Engine Lumens	Color Temperature	Voltage		Generation		Options
L	8	-	23	35	3	-	G3	-	LDI
L	4" ♦		08	27	U■		G3		90
LED New Construction			800 Lumens	2700K	120-277V Universal				90 CRI (All Lumen & CCT's)
LRM	6"		13	30	1				97
LED Remodel			1300 Lumens	3000K	120V				97 CRI (800-4000 lumens 2700 & 3000 CCT only)
	8"		15	35	2				F
			1500 Lumens	2700K	277V				Fuse and Fuse Holder
			17	40	3\$				CPT†
			1700 Lumens	4100K	347V				Chicago Plenum
			23						BR\$+
			2300 Lumens						Emergency Battery Pack with Remote Test Switch
			28						(Cannot be used with INC option)
			2800 Lumens						HBR\$+
			33						High Lumen Emergency Battery Pack with
			3300 Lumens						Remote Test Switch
			40						LDI
			4000 Lumens						Lumen Depreciation Indicator
			45						(Cannot be used with BR option)
			4500 Lumens						PD♦
			50						Driver compatible with 3-wire fluorescent controls and
			5000 Lumens						Lutron Programmable Dimming EcoSystem®
			55						FDL♦
			5500 Lumens						Forward Phase Dimming Lutron Drive (120V only)
			60						FD
			6000 Lumens						Phase Cut Dimming, Forward and Reverse (800-4000
			65						Lumen only) 120V only
			6500 Lumens						
			70						
			7000 Lumens						
			75						
			7500 Lumens						
			80						
			8000 Lumens						
			85						
			8500 Lumens						
			90						
			9000 Lumens						

■ 800, 1300 and 1500 lumen fixtures are universal voltage (120-277V)

† New Construction. Consult Factory for Remodel

\$ New Construction Only (L4 and LRM4)

+ Not available for 347V

♦ Not Available for 4000 Lumens and up

LED Downlight Reflector (Order Separately)

Source	Aperture Size	Lamp Orientation	# of Lamps	Reflector Style		Color Options	Finish		Options
L	8	0	0	HW	-	C	Q	-	WH
L	4"	0	0	HN		C	Low Iridescent		WH
LED		Vertical	One	Open Reflector,		Clear	Alzak®		White Flange
	6"			Narrow Distribution		G	L		WET
				H		Gold	Specular		Wet Location
	8"			Hyperbolic		WT	S		(Parabolic only)
				Open Reflector,		Wheat	Satin		
				Medium Distribution		PT	Q*		
				HW		Pewter	Semi-Specular (*Clear only)		
				Hyperbolic		BZ	-blank-		
				Open Reflector, Wide		Bronze	Baffle & White		
				Distribution		B			
				P		Black			
				Parabolic		W			
				Open Reflector		White			
				B					
				Black Baffle					
				HWS					
				Hyperbolic					
				Single Wall Wash					
				WS					
				WD					
				WC					
				Parabolic Wall Wash					

LED Commercial Retrofit Rough-In

Source	Aperture Size		Light Engine Lumens	Color Temperature	Voltage		Generation		Options
LRT	8	-	23	35	U	-	G3	-	LDI
LRT	6"		08	27	U [■]		G3		90
LED Retrofit	8"		800 Lumens	2700K	120-277V Universal				90 CRI (All Lumen & CCT's)
			13	30	1				97
			1300 Lumens	3000K	120V				97 CRI (2800-4000 lumens 2700 & 3000 CCT only)
			15	35	2				F
			1500 Lumens	2700K	277V				Fuse and Fuse Holder
			17	40	3				CP
			1700 Lumens	4100K	347V				Chicago Plenum (800-4000 lumens only)
			23						BR\$ ⁺
			2300 Lumens						Emergency Battery Pack with Remote Test Switch (Cannot be used with INC option)
			28						HBR\$ ⁺
			2800 Lumens						High Lumen Emergency Battery Pack with Remote Test Switch
			33						LDI [•]
			3300 Lumens						Lumen Depreciation Indicator (Cannot be used with BR option)
			40						PD [◇]
			4000 Lumens						Driver compatible with 3-wire fluorescent controls and Lutron Programmable Dimming EcoSystem®
			45						FDL [◇]
			4500 Lumens						Forward Phase Dimming Lutron Drive (120V only)
			50						FD
			5000 Lumens						Phase Cut Dimming, Forward and Reverse (800-4000 Lumen only) 120V only
			55						INC [‡]
			60						Medium Base socket adapter for quick retrofit of incan- descent fixtures (120V only) (LRT6)
			65						
			6000 Lumens						
			70						
			6500 Lumens						
			70						
			7000 Lumens						
			75						
			7500 Lumens						
			80						
			8000 Lumens						
			85						
			8500 Lumens						
			90						
			9000 Lumens						

[■] 800, 1300 and 1500 lumen fixtures are universal voltage (120-277V)
[‡] INC option requires 120V at socket
[•] Not Available for 4500 Lumens and up
⁺ Not available for 347V
[◇] Not Available for 4000 Lumens and up

LED Commercial Retrofit Reflector (Order Separately)

Source	Aperture Size	Lamp Orientation	# of Lamps	Reflector Style		Color Options	Finish		Options
LRT	8	0	0	HW	-	C	Q	-	WH
LRT	6"	0	0	HN		C ¹	Low Iridescent		WH
LED Retrofit	8"	Vertical	One	Open Reflector, Narrow Distribution		Clear	Alzak®		White Flange
				H		G	L		WET
				Hyperbolic		Gold	Specular		Wet Location (Parabolic only)
				Open Reflector, Medium Distribution		WT	S		
				HW		Wheat	Satin		
				Hyperbolic		PT	Q*		
				Open Reflector, Wide Distribution		Pewter	Semi-Specular (*Clear only)		
				P		BZ	-blank-		
				Parabolic		Bronze	Baffle & White		
				Open Reflector		B			
				B		Black			
				Black Baffle		W			
						White			
				WS					
				WD					
				WC					
				Parabolic Wall Wash					

LED Adjustable Rough-In

Source	Aperture Size		Light Engine Lumens	Color Temperature	Voltage		Options
LA	8	-	23	35	3	-	LDI
LA	4"		08	27	1		F
LED Adjustable			800 Lumens	2700K	120V		Fuse and Fuse Holder
	6"		13	30	2		CP†
			1300 Lumens	3000K	277V		Chicago Plenum Approval
	8"		15	35	3		BR†
			1500 Lumens	2700K	347V		Emergency Battery Pack with Remote Test Switch
			17	40			HBR†
			1700 Lumens	4100K			High Lumen Emergency Battery Pack with Remote Test Switch
			23				LDI†
			2300 Lumens				Lumen Depreciation Indicator (Cannot be used with BR option)
							PD
							Programmable Dimming Driver (Lutron EcoSystem®)

† Consult Factory for Availability

* Not available for 347V

LED Adjustable Reflector (Order Separately)

Source	Aperture Size	Lamp Orientation	# of Lamps	Beam		Color Options	Finish		Options
LA	8	0	0	S	-	C	Q	-	WH
LA	4"	0	0	S		C	Low Iridescent Alzak®		WH
LED			One	Spot		Clear			White (Painted Flange)
	6"			N		G	L		
				Narrow Flood		Gold	Specular		
	8"			F		WT	S		
				Flood		Wheat	Satin		
						PT	Q*		
						Pewter	Semi-Specular (*Clear only)		
						BZ	-blank-		
						Bronze	Baffle & White		
						B			
						Black			
						W			
						White			

LED Cylinder Downlights

Cylinder	Aperture Size	Mounting Options	Light Engine Lumens	Color Temperature	Voltage	Cylinder Color	Generation	Options
LC	8	P	17	27	U	B	G3	LDI
LC	4"	S	08	27	U	W	G3	90
LED		Surface	8000 Lumens	2700K	120V-277V	White		90 CRI (All Lumen and CCT configurations)
	6"	P	13	30	3	B		97
		Pendant	1300 Lumens	3000K	347V	Black		97 CRI (800-2800 lumens 2700 & 3000 CCT only)
	8"	B*	15	35		S		F
		Wall Bracket	1500 Lumens	2700K		Silver		Fuse and Fuse Holder
		C	17	40				BR†+
		Cable	1700 Lumens	4100K				Emergency Battery Pack with Remote Test Switch
			23					HBR†+
			2300 Lumens					High Lumen Emergency Battery Pack with Remote Test Switch
			28					LDI
			2800 Lumens					Lumen Depreciation Indicator (Cannot be used with BR option)
			33					PD◇
			3300 Lumens					Driver compatible with 3-wire fluorescent controls and Lutron Programmable Dimming EcoSystem®
			40					FDL◇
			4000 Lumens					Forward Phase Dimming Lutron Drive (120V only)
								FD
								Phase Cut Dimming, Forward and Reverse (800-4000 Lumen only) 120V only

† Dimming option not available for cable mount with Emergency Battery Pack

+ Not available for 347V

* Wall Bracket comes standard

◇ Not available for 4000 lumen units (LC6 & LC8)

LED Cylinder Reflector (Order Separately)

Source	Aperture Size	Lamp Orientation	# of Lamps	Reflector Type	Color Options	Finish	Options
L	8	0	0	S	C	Q	WH
L	4"	0	0	HN	C	Low Iridescent Alzak®	WH
LED			One	Hyperbolic Narrow	Clear		White Flange
	6"			H	G	L	
				Hyperbolic Medium	Gold	Specular	
	8"			HW	WT	S	
				Hyperbolic Wide	Wheat	Satin	
				P	PT	Q	
				Parabolic Reflector	Pewter	Semi-Specular (Clear only)	
				B	BZ	-blank-	
				Baffle	Bronze	Baffle & White	
				HWS	B		
				Hyperbolic Single Wall Wash	Black		
				WS	W		
				Single Wall Wash	White		
				WD			
				Double Wall Wash			
				WC			
				Corner Wall Wash			

LED Low Profile Basket - 1x4/2x2/2x4

Source	Light Engine Lumens*	Color Temperature	Voltage	Finish	Generation	Options/Accessories
S1X4BL	39	35	U	WH	3	BR 1x4DWA
S1X4BL†	26	30	U	WH	3	90
1'x4' Low Profile LED	2600 Lumens 80 CRI only	3000K	120V-277V	White		90 CRI
S2X2BL†	39†	35	3			BR
2'x2' Low Profile LED	3900 Lumens 80 CRI only	3500K	347V			Emergency Battery Pack with Remote Test Switch
S2X4BL†	55	40				CP
2'x4' Low Profile LED	5500 Lumens 80 CRI only	4100K				Chicago Plenum
	21	50				LDI
	2100 Lumens 90 CRI only	5000K				Lumen Depreciation Indicator (Cannot be used w/ BR option of 347V)
	32					G
	3200 Lumens 90 CRI only					Gasket (Contamination Deterent gasket)
	55					AM
	5500 Lumens 90 CRI only					Anti-Microbial Paint (provides mildew and odor resistance to product)
						AH
						Air Handling
						BP
						Bulk Pack
						S
						Step Dimming 33/66/100%

* S2X2BL only

† Refer to specification sheets for DesignLights™ Consortium qualified products

LED Architectural Recessed Lay-in - 2x2/2x4

Source	Basket Style	Light Engine Lumens	Color Temperature	Voltage	Finish	Generation	Options/Accessories
S2X4	LI	32	35	1	WH	3	BR 2x2DWA
S2X2†	LI	32	30	U	WH	3	90
2'x2' Solid State LED	Illusion Lay-in	3200 Lumens 80 CRI only	3000K	120V-277V	White		90 CRI
S2X4†	LF	51*	35	3			BR
2'x4' Solid State LED	Flat Lay-in	5100 Lumens 80 CRI only	3500K	347V			Emergency Battery Pack with Remote Test Switch
		61*	40				NY
		6100 Lumens 80 CRI only	4100K				20 GA. Housing
		26	50				WCR
		2600 Lumens 90 CRI only	5000K				Wireless Control Ready. Interoperates with Dauntree
		42*					AM
		4200 Lumens 90 CRI only					Anti-Microbial Paint (provides mildew and odor resistance to product)
		51*					LDI
		5100 Lumens 90 CRI only					Lumen Depreciation Indicator (Cannot be used w/ BR option of 347V)
							S
							Step Dimming 33/66/100%(not available for 6100 lumen)

* 2'x4' only

† Refer to specification sheets for DesignLights™ Consortium qualified products

LED Architectural Recessed Basket - 1x4/2x2/2x4

Source	Basket Style	Light Engine Lumens*	Color Temperature	Voltage	Finish	Generation	Options/Accessories
S1X4	BP	26	35	U	WH	3	BR 1x4DWA
S1X4†	BP	26¹	30	U	WH	3	90 1x4DWA
1'x4' Solid State LED	White Perforated	2600 Lumens 80 CRI only	3000K	120V-277V	White		90 CRI BR Emergency Battery Pack with Remote Test Switch
S2X2†	BO	35^{1*}	35	3			2x2DWA
2'x2' Solid State LED	Opal Diffuser	3500 Lumens 80 CRI only	3500K	347V			2'x2' AM Anti-Microbial Paint (provides mildew and odor resistance to product)
S2X4		45^{1*}	40				2x4DWA
2'x4' Solid State LED		4500 Lumens 80 CRI only	4100K				2'x4' SS Housing for 9/16" Screw Slot Grid
		39²	50				EC Additional Earth Quake Clips
		3900 Lumens 80 CRI only	5000K				LFC Fixture Clips for Armstrong 9/16" T
		55^{2*}					AR Air Return Option
		5500 Lumens 80 CRI only					LDI Lumen Depreciation Indicator (Cannot be used w/ BR option of 347V)
		65^{2*}					S Step Dimming 33/66/100%
		6500 Lumens 80 CRI only					WCR Wireless Control Ready. Interoperates with Dauntree
		21¹					CP Chicago Plenum
		2100 Lumens 90 CRI only					
		32¹					
		3200 Lumens 90 CRI only					
		39¹					
		3900 Lumens 90 CRI only					
		32²					
		3200 Lumens 90 CRI only					
		46²					
		4600 Lumens 90 CRI only					
		53²					
		5300 Lumens 90 CRI only					

¹ BP Perforated style only
² BO Diffuser style only
[†] Refer to specification sheets for DesignLights™
 Consortium qualified products
 * S1X4 & S2X4 only

LED Parabolic/Ziggurat - 2x2

Source	Light Engine Lumens*	Color Temperature	Voltage	Finish	Generation	Options/Accessories
S2X2PP	39	35	U	WH	3	BR 2x2DWA
S2X2PP†	39	30	U	WH	3	BR 2x2DWA
2'x2' Parabolic LED	3900 Lumens	3000K	120V-277V	White		2'x2' Emergency Battery Pack with Remote Test Switch EC Additional Earth Quake Clips
S2X2PZ†		35	3	BL		WCR Wireless Control Ready. Interoperates with Dauntree
2'x2' Ziggurat LED		3500K	347V	Black		
		40		SL		
		4100K		Silver		
		50		GR		
		5000K		Graphite		

† Refer to specification sheets for DesignLights™ Consortium qualified products

LED Parabolic Pendant - 2x2

Source	Light Engine Lumens*	Color Temperature	Pendant	Finish	Generation	Options
S2X2PP	39	30	P	WH	3	WCR
S2X2PP†	39	30	P	WH	3	3
2'x2' Parabolic LED	3900 Lumens	3000K	Pendant	White		347 (universal 120-277V Dimmable Driver is Standard)
		35		BL		WCR Wireless Control Ready. Interoperates with Dauntree
		3500K		Black		
		40		SL		
		4100K		Silver		
		50		GR		
		5000K		Graphite		

† Refer to specification sheets for DesignLights™ Consortium qualified products

CFL Recessed Rough-In

Source	Aperture Size	Lamp Orientation/ Luminaire Characteristic	# of Lamps	Wattage	Lamp Type	Options	
C	8	V	1	26/42	T		
C	4	V	1	13	T	F	DL
CFL	6	Vertical	One	18	Triple	Slow Blow Fuse and Fuse Holder	Dimming Ballast Lutron Hi-Lume®
	8	H	2	26	Q	(Select specific voltage in voltage selection)	2S
	9	HX	Two	32	QL		Dual Level Switching
	12	Horizontal Low Profile		42	QL Lamp	BR	CP
		VW		26/32	R	Emergency Battery Backup with Remote Test Switch	Chicago Plenum
		For Double & Corner Vertical Wallwashers		26/42		BN	NV
		HW		26/32/42		Emergency Battery Backup with Integral Test Switch	Non-Vented Socket Cap
		For Double & Corner Horizontal Wallwashers		57		D10	DX
		AW		70		Dimming Ballast Advance Mark X	Dimming Ballast as Specified
		Angled Lamp Spread Lens Wallwash		85		D7	347
				100		Dimming Ballast Advance Mark VII	347V
		HD		165			
		Dropped Disc Design					

CFL Recessed Reflector

Source	Aperture Size	Lamp Orientation	# of Lamps	Reflector Style	Lamp Wattage	Lamp Type	Reflector, Baffle or Splay Color	Reflector Finish	Downlight Lens	Options
C	8	0	0				C	L		
C	4	0	0	-blank-	-blank-	-blank-	C	-blank-	-blank-	WH
CFL	6	Vertical	One	Open Downlight	No Wattage Descriptor Necessary	No Lamp Descriptor Necessary	Clear	Painted	None	Painted White Flange
	8	5	2	B	42	Q	G	L	CG	BN
	9	Horizontal	Two	Baffle	42W CFL	Quad	Gold	Specular Low Iridescent	Clear Glass Lens	Added Hole for Emergency Test Switch
	12			X		T	WT	S	FG	MAX***
				Cross Blade Louver		Triple Tube	Wheat	Satin Anodize	Fresnel Glass Lens	Labled for Maximum Wattage (***) = fill in wattage)
				WS			PT		PG	WET
				Single Kicker Wallwash			Pewter		Prismatic Glass Lens	Wet Location Listing
				WD			BZ		PP	
				Double Kicker Wallwash			Bronze		Prismatic Plastic Lens	
				WC			B		CP	
				Corner Kicker Wallwash			Black		Clear Plastic Lens	
				WL			W		FD	
				Spread Lens Wallwash			White		Frosted Dropped Disc	
				LC					FD2	
				Lower Cone					Frosted Double Dropped Discs	

HID Recessed Rough-In

Source	Aperture Size	Lamp Orientation/ Luminaire Characteristic	Lamp Type	Wattage	Ballast Type	Voltage	Options
M	8		ED	100	E		SW
M Metal Halide	4	-blank- Vertical	EDS ED/BT Non-Protected	20	E Electronic	-blank- 120/277V Dual Tap or Universal	347 347V
	6			39			
MD Metal Halide Deep Cone & Baffle	8	HD Horizontal "Duralife"	P20 PAR20	70	M Magnetic	120 120V	F Slow Blow Fuse and Fuse Holder (Must select specific voltage in voltage selection)
		A Internally Adjustable	P30 PAR30L	100		277 277V	CP Chicago Plenum (Consult Factory)
		AW Angled Lamp Spread Lens Wallwash	P30/38 PAR30L/38	150			SW Lamp Sensing Switch (Electronic Ballast Only)
			P38 PAR38				FCAN FCAN Ballast
			T6 T6/T4.5, G12 Base				
			T4 T4/T4.4, G8.5 Base				
			TM T4 Mini, GU6.5 Base				
			BT BT4, PGJ5 Base				
			MR16 MR16, GX10 Base				

HID Recessed Reflector

Source	Lamp Size	Lamp Orientation	# of Lamps	Cone / Reflector Style	Lamp / Wattage Type	Color	Finish	Lens Type	Options
M	8	0	0			C	L		
MP Metal Halide PAR	4	0 Vertical	0 One	S Straight Cone	-blank- Open Downlight	C Clear	L Specular Low Iridescent	-blank- None	WH Painted White Flange
	6								
MD Metal Halide PAR Deep Cone & Baffle	8	5 Horizontal	2 Two	A Angle Cut Cone	LC Lower Cone	G Gold	S Satin Anodize Iridescent	CG Clear Glass Lens	WET Wet Location Listing
				S Open Reflector Spot Beam	B Baffle	WT Wheat	FG Fresnel Glass Lens		
MT Metal Halide "T" Lamp				N Open Reflector Narrow Flood Beam	WL Spread Lens Wallwash	PT Pewter	-blank- For Baffle & White	PG Prismatic Glass Lens	
P PAR				F Open Reflector Flood Beam	MR16 MR16	BZ Bronze			
				W Open Reflector Wide Beam	150 150W	B Black			
				SLT Slotted Aperture		W White			
				PIN Pinhole Aperture					

Incandescent and Low Voltage Recessed Rough-In

Source	Aperture Size	Lamp Orientation/ Luminaire Characteristic		Lamp		Max Wattage	Options
A	8						
A Incandescent A Lamp	4	-blank-	D Deep Cone	-blank-	P38 PAR38	-blank-	F
	5	Vertical Downlight or Wallwash	AW Angled Lamp Spread Lens Wallwash	A Lamp or Quartz		Universal Wattage	Slow Blow Fuse and Fuse Holder (120V standard, unless transformer is specified)
P Incandescent PAR Lamp	6			P20 PAR20			277
	8	H Horizontal Lamp		P30 PAR30			277V Step Down Transformer
	9	A Internally Adjustable	RA Internally Adjustable				CP Chicago Plenum
		SQ Square					

Incandescent and Low Voltage Recessed Reflector

Source	Aperture Size	Lamp Orientation	# of Lamps	Reflector Style		Lamp or Distribution Type	Reflector, Baffle or Splay Color	Reflector Finish	Downlight Lens	Options
A	8	0	0			A21	C	L		
A Incandescent A Lamp	4	0 Vertical	0 One	-blank-	WL Spread Lens Wallwash	-blank-	C Clear	-blank-	-blank-	WH Painted White Flange
	5			Downlight Multiplier or PAR Cone	A Angle Cut Cone	No Lamp or Distribu- tion Descriptor Necessary	G Gold	L Specular Low Iridescent	CG Clear Glass Lens	MAX*** Labeled for Maximum Wattage (fill in wattage)
P PAR Lamp	6	5 Horizontal		LC Lower Cone on 2-Part Optic	AB Angle Cut Baffle	A19 A-19 Lamp	WT Wheat	S Satin Anodize	FG Fresnel Glass Lens	
PD PAR Deep Cone/Baffle	8			B Baffle	SLT Slotted Aperture	A21 A-21 Lamp	PT Pewter		PG Prismatic Glass lens	
PSQ Square Trim	9			WS Single Kicker Wallwash	PIN Pinhole Aperture	A23 A-23 Lamp	BZ Bronze			
					SC Straight Cone	P20 PAR20	B Black			
					SB Straight Baffle	P30 PAR30	W White			
						P38 PAR38				

Multi-Spot® LED

Family	Lamp Type	Beam Spread for Lamp 1	Beam Spread for Lamp 2	Beam Spread for Lamp 3	Light Engine Lumens	Color Temperature	Voltage	Finish	Generation	Options
MSS	16	S	N	S	08	40	1	BL	2	CP
MSS¹	16	S	S	S	08	27	1	WH		***F
LED Multi-Spot	MR16	Spot	Spot	Spot	800 Lumens	2700K	120V	White		Fuse and Fuse Holder (Where *** = voltage)
1, 2, & 3-Lamp		N	N	N		30	2	BL		CP[†]
		Narrow	Narrow	Narrow		3000K	277V	Black		Chicago Plenum Approval
		F	F	F		35	3			HC
		Flood	Flood	Flood		3500	347V			93 CRI Typical (3000K only)
		W	W	W		40				LDI[†]
		Wide Flood	Wide Flood	Wide Flood		4100K				Lumen Depreciation Indicator
			-blank-	-blank-						
			For 1 Lamp	For 1 & 2 Lamp						

Designer Cove™ LED

Family	Lamp Type	Beam Spread for Lamp 1	Beam Spread for Lamp 2	Beam Spread for Lamp 3	Light Engine Lumens	Color Temperature	Voltage	Finish	Generation	Options
DCS	30	S	N	S	10	40	2	BL	2	CP
DCS¹	30	S	S	S	10²	27	1	WH		***F
LED	PAR30	Spot	Spot	Spot	1000 Lumens	2700K	120V	White		Fuse and Fuse Holder (Where *** = voltage)
Designer Cove		N	N	N	20	30	2	BL		CP[†]
1, 2, & 3-Lamp		Narrow	Narrow	Narrow	2000 Lumens	3000K	277V	Black		Chicago Plenum Approval
		F	F	F	30	35	3			90
		Flood	Flood	Flood	3000 Lumens	3500K	347V			90 CRI
			-blank-	-blank-		40				97
			For 1 Lamp	For 1 & 2 Lamp		4100K				97 CRI (Excludes 3500K)
										LDI[†]
										Lumen Depreciation Indicator

¹ See specification sheets for details on ordering rough-ins and heads separately

² ENERGY STAR® Qualified

[†] Consult factory for availability

Multi-Lamp ("T" Lamps)

Family	Lamp Type	Beam Spread for Lamp 1	Beam Spread for Lamp 2	Beam Spread for Lamp 3	Wattage	Source/ Ballast Type	Trim	Fixture Color	Options
DC	T6	S	N	F	70	H		BL	
MS	T6	S	S	S	20	H	NT	WH	347
Multi-Spot	T6/T4.5 G12 Base	Spot	Spot	Spot	39	Ceramic Metal Halide	Trimless	White	347V (Consult Factory)
DC	T4	N	N	N	70		-blank-	BL	***F
Designer Cove	T4/T4.4 G8.5 Base	Narrow Flood	Narrow Flood	Narrow Flood			Standard Trim	Black	Fuse & Fuseholder (Where *** = Voltage)
	TM	F	F	F					CP
	T4 Mini GU6.5 Base	Flood	Flood	Flood					Chicago Plenum (Consult Factory)
	BT		-blank-	-blank-					SR
	BT4 PGJ5 Base		For 1 Lamp	For 1 & 2 Lamp					Semi-Recessed

Multi-Lamp (PAR & MR16 Lamps)

Family	Lamp Type	# of Lamps	Lamp Configuration	Wattage	Source/ Ballast Type	Trim	Fixture Color	Options
MS	38	3		70	EMH		GP	347
MS	16	1	01	-blank-	-blank-	NT	WH	277
Multi-Spot	MR16 Mini Bi-Pin	One	Straight Line AVIO Only	Incandescent & Low Voltage	Incandescent & Low Voltage	Trimless	White	277V
DC	16	2	04	20	H	-blank-	BL	347
Designer Cove	MR16 GX10 Base	Two	Cluster (2x2) AVIO Only		Metal Halide MR16	Standard Trim	Black	347V (Consult Factory)
XR	20	3		39			GP	F
AVIO Recessed	PAR20	Three		70	Electronic Metal Halide		Graphite	Slow Blow Fuse and Fuse Holder (Select specific voltage in voltage selection)
XS	30	4		100			SL	CP
AVIO Surface	PAR30	Four AVIO Only					Silver	Chicago Plenum (Consult Factory)
	38							
	PAR38							
	11							
	AR111							



Designer Series LED | 4" LED Round Downlight

1100/1500/2000/3000 Lumen Light Engine



Description

Environmentally friendly and energy efficient. No harmful UV, IR, lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 14W, 19W, 26W and 37W respectively. Exceptional glare control with 40° cut-off.

Features

Cone Self-flanged, clear Alzak® (SASF) satin cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • Driver is replaceable from above or below ceiling • Power factor >0.9 • Dimmable via 0-10V protocol – See specification sheet for approved dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant • ENERGY STAR® Qualified with select trims

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **SD4-20351-PD**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SD4	20	35		PF
SD4	11-1100 Lumens (14 watts)	27-2700K	1-120V	F-Fuse and Fuse Holder
	15-1500 Lumens (19 watts)	30-3000K	2-277V	BP-120/277V Emergency
	20-2000 Lumens (26 watts)	35-3500K	3-347V	Battery Pack with Remote
	30-3000 Lumens (37 watts)	40-4100K		Test Switch
				R-Reverse Phase Dimming (120V only)
				D-Dali Control Dimming (1100/1500/2000Lm, 120V only)
				PD-Lutron Dimming Driver
				†CP-Chicago Plenum

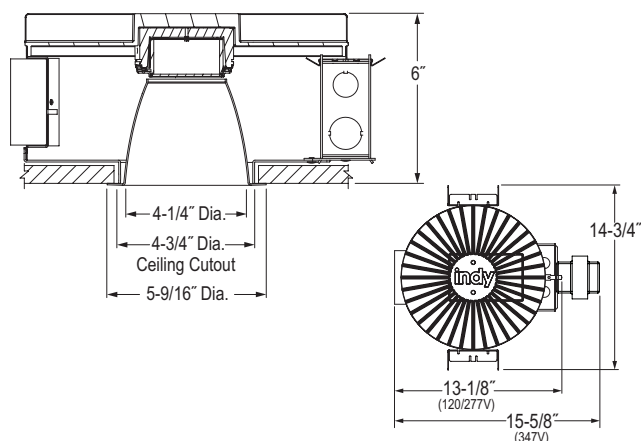
†Consult factory for availability.

▲ ENERGY STAR®
(see specification sheet for ENERGY STAR® Qualified products)

Example: **SD4-SAQF-PF**

Reflector	Trim Color Options	Options
SD4	SASF	PF
SD4	Alzak® Finish Options	PF-Painted Flange Only (White)
	Satin	WET-Wet Location (Clear glass lens standard)
	▲SASF	
	▲SAQF	
	▲SAF	
	CGSF	
	CGF	
	BASF	
	BAF	
	PASF	
	PAF	
	WTSF	
	WTF	
	BRSF	
	BRF	
	Painted Finish Options	
	White	
	WTF	
	Cone	

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°.
	Example: SCA4-20.



Designer Series LED | 6" LED Round Downlight

1100/1500/2000/3000 Lumen Light Engine



Description

Environmentally friendly and energy efficient. No harmful UV, IR, lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 14W, 19W, 26W and 37W respectively. Exceptional glare control with 40° cut-off.

Features

Cone Self-flanged, clear Alzak® (SASF) satin cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • Driver is replaceable from above or below ceiling • Power factor >0.9 • Dimmable via 0-10V protocol – See specification sheet for approved dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant • ENERGY STAR® Qualified with select trims

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **SD6-20351-PD**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SD6	20	35		PF
SD6	11-1100 Lumens (14 watts)	27-2700K	1-120V	F-Fuse and Fuse Holder
	15-1500 Lumens (19 watts)	30-3000K	2-277V	BP-120/277V Emergency
	20-2000 Lumens (26 watts)	35-3500K	3-347V	Battery Pack with Remote
	30-3000 Lumens (37 watts)	40-4100K		Test Switch
				R-Reverse Phase Dimming (120V only)
				D-Dali Control Dimming (1100/1500/2000Lm, 120V only)
				PD-Lutron Dimming Driver
				†CP-Chicago Plenum

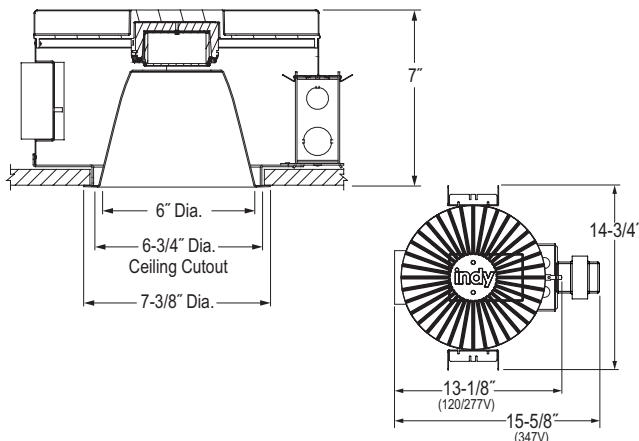
†Consult factory for availability.

▲ ENERGY STAR®
(see specification sheet for ENERGY STAR® Qualified products)

Example: **SD6-SAQF-PF**

Reflector	Trim Color Options	Options
SD6	SASF	PF
SD6	Alzak® Finish Options	PF-Painted Flange Only (White)
	Satin	WET-Wet Location (Clear glass lens standard)
	▲SASF	
	CGSF	
	Black	BASF
	Pewter	PASF
	Wheat	WTSF
	Bronze	BRSF
	Painted Finish Options	
	White	WHF
	Cone	

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°.
	Example: SCA6-20.



Designer Series LED | 8" LED Round Downlight

1100/1500/2000/3000 Lumen Light Engine



Description

Environmentally friendly and energy efficient. No harmful UV, IR, lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 14W, 19W, 26W and 37W respectively. Exceptional glare control with 40° cut-off.

Features

Cone Self-flanged, clear Alzak® (SASF) satin cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • Driver is replaceable from above or below ceiling • Power factor >0.9 • Dimmable via 0-10V protocol – See specification sheet for approved dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant • ENERGY STAR® Qualified with select trims

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **SD8-20351-PD**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SD8	20	35		PF
SD8	11-1100 Lumens (14 watts)	27-2700K 30-3000K	1-120V 2-277V	F-Fuse and Fuse Holder BP-120/277V Emergency Battery Pack with Remote Test Switch
	15-1500 Lumens (19 watts)	35-3500K 40-4100K	3-347V	R-Reverse Phase Dimming (120V only)
	20-2000 Lumens (26 watts)			D-Dali Control Dimming (1100/1500/2000Lm, 120V only)
	30-3000 Lumens (37 watts)			PD-Lutron Dimming Driver †CP-Chicago Plenum

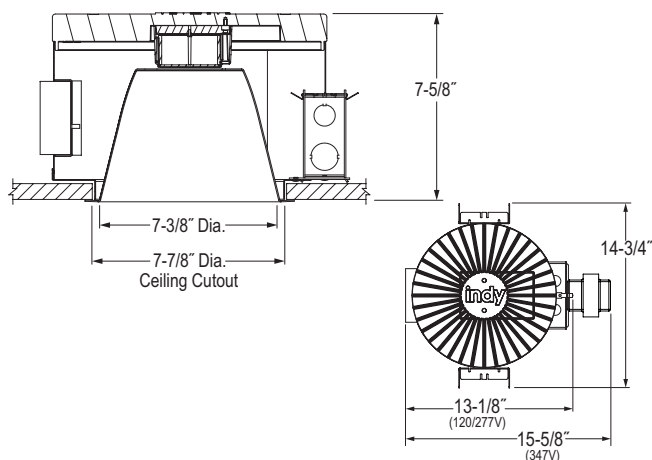
†Consult factory for availability.

▲ ENERGY STAR®
(see specification sheet for ENERGY STAR® Qualified products)

Example: **SD8-SAQF-PF**

Reflector	Trim Color Options	Options
SD8	SASF	PF
SD8	Alzak® Finish Options	PF-Painted Flange Only (White)
	Satin	WET-Wet Location (Clear glass lens standard)
	▲SASF	
	▲SAQF	
	▲SAF	
	CGSF	
	CGF	
	BASF	
	BAF	
	PASF	
	PAF	
	WTSF	
	WTF	
	BRSF	
	BRF	
	Painted Finish Options	
	White	
	WTF	
	Cone	

Dimensions



Accessories

Catalog No. Description

HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Designer Series LED | 4" LED High-Performance Architectural Wall Wash 1100/1500/2000/3000 Lumen Light Engine



Description

Unique precision reflector system designed to maximize uniformity on the wall horizontally and from floor to ceiling, eliminating scallops and projecting light to within 1 inch of the ceiling line for typical architectural wall wash applications. Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 14W, 19W, 26W and 37W respectively.

Features

Cone Clear specular faceted scoop reflector distributes light with high precision on computer optimized outer kicker reflector to optimize uniformity on the wall horizontally and from floor to ceiling • Deep regression of source produces a very low glare system on room side with 40° cut-off to lamp and lamp image • Self-flanged, clear satin Alzak® (SASF) cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • Driver is replaceable from above or below ceiling • Power factor >0.9 • Dimmable via 0-10V protocol – See specification sheet for approved dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cones in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **SD4-20351-PD**

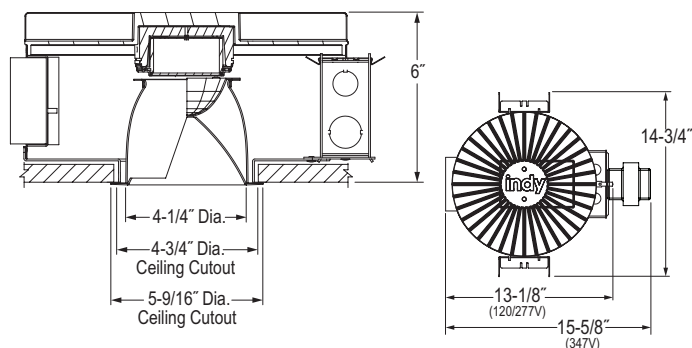
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SD4	20	35		PF
SD4	11-1100 Lumens (14 watts)	27-2700K	1-120V	F-Fuse and Fuse Holder
	15-1500 Lumens (19 watts)	30-3000K	2-277V	BP-120/277V Emergency
	20-2000 Lumens (26 watts)	35-3500K	3-347V	Battery Pack with Remote
	30-3000 Lumens (37 watts)	40-4100K		Test Switch
				R-Reverse Phase Dimming (120V only)
				D-Dali Control Dimming (1100/1500/2000Lm, 120V only)
				PD-Lutron Dimming Driver
				†CP-Chicago Plenum

†Consult factory for availability.

Example: **SAW4-SAQF-PF**

Reflector	Trim Color Options	Options
SAW4	SASF	PF
SAW4	Alzak® Finish Options	PF-Painted Flange Only (White)
	Satin	
	CGSF	
	SAQF	
	SAF	
	CGF	
	BAF	
	PAF	
	WTF	
	BRF	
	Painted Finish Options	
	White	
	WTF	
	Cone	

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°.
	Example: SCA4-20.



Designer Series LED | 6" LED High-Performance Architectural Wall Wash 1100/1500/2000/3000 Lumen Light Engine



Description

Unique precision reflector system designed to maximize uniformity on the wall horizontally and from floor to ceiling, eliminating scallops and projecting light to within 1 inch of the ceiling line for typical architectural wall wash applications. Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 14W, 19W, 26W and 37W respectively.

Features

Cone Clear specular faceted scoop reflector distributes light with high precision on computer optimized outer kicker reflector to optimize uniformity on the wall horizontally and from floor to ceiling • Deep regression of source produces a very low glare system on room side with 40° cut-off to lamp and lamp image • Self-flanged, clear satin Alzak® (SASF) cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • Driver is replaceable from above or below ceiling • Power factor >0.9 • Dimmable via 0-10V protocol – See specification sheet for approved dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cones in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **SD6-20351-PD**

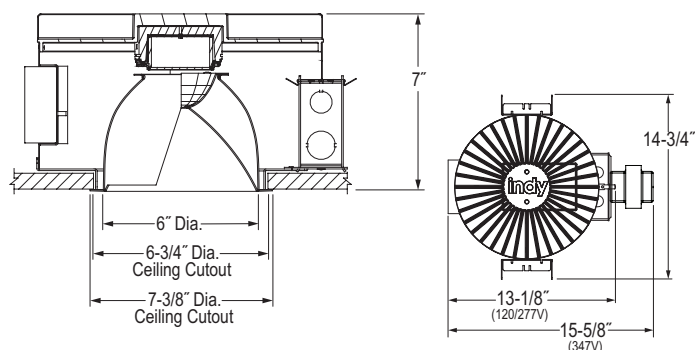
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SD6	20	35		PF
SD6	11-1100 Lumens (14 watts)	27-2700K 30-3000K	1-120V 2-277V	F-Fuse and Fuse Holder BP-120/277V Emergency Battery Pack with Remote Test Switch
	15-1500 Lumens (19 watts)	35-3500K	3-347V	R-Reverse Phase Dimming (120V only)
	20-2000 Lumens (26 watts)	40-4100K		D-Dali Control Dimming (1100/1500/2000Lm, 120V only)
	30-3000 Lumens (37 watts)			PD-Lutron Dimming Driver †CP-Chicago Plenum

†Consult factory for availability.

Example: **SAW6-SAQF-PF**

Reflector	Trim Color Options	Options
SAW6	SASF	PF
SAW6	Alzak® Finish Options	PF-Painted Flange Only (White)
	Satin Semi-Specular	
Clear	SASF	SAF
Gold	CGSF	CGF
Black	BASF	BAF
Pewter	PASF	PAF
Wheat	WTSF	WTF
Bronze	BRSF	BRF
Painted Finish Options		
White	WHF	
Cone		

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



Designer Series LED | 8" LED High-Performance Architectural Wall Wash 1100/1500/2000/3000 Lumen Light Engine



Description

Unique precision reflector system designed to maximize uniformity on the wall horizontally and from floor to ceiling, eliminating scallops and projecting light to within 1 inch of the ceiling line for typical architectural wall wash applications. Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 14W, 19W, 26W and 37W respectively.

Features

Cone Clear specular faceted scoop reflector distributes light with high precision on computer optimized outer kicker reflector to optimize uniformity on the wall horizontally and from floor to ceiling • Deep regression of source produces a very low glare system on room side with 40° cut-off to lamp and lamp image • Self-flanged, clear satin Alzak® (SASF) cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • Driver is replaceable from above or below ceiling • Power factor >0.9 • Dimmable via 0-10V protocol – See specification sheet for approved dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cones in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **SD8-20351-PD**

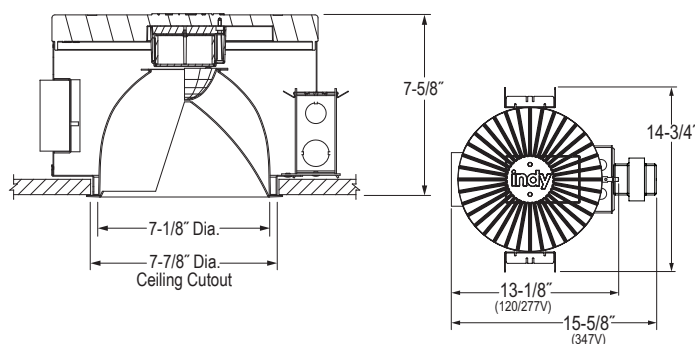
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SD8	20	35		PF
SD8	11-1100 Lumens (14 watts)	27-2700K 30-3000K	1-120V 2-277V	F-Fuse and Fuse Holder BP-120/277V Emergency Battery Pack with Remote Test Switch
	15-1500 Lumens (19 watts)	35-3500K 40-4100K	3-347V	R-Reverse Phase Dimming (120V only)
	20-2000 Lumens (26 watts)			D-Dali Control Dimming (1100/1500/2000Lm, 120V only)
	30-3000 Lumens (37 watts)			PD-Lutron Dimming Driver †CP-Chicago Plenum

†Consult factory for availability.

Example: **SAW8-SAQF-PF**

Reflector	Trim Color Options	Options
SAW8	SASF	PF
SAW8	Alzak® Finish Options	PF-Painted Flange Only (White)
	Satin	Semi-Specular
	SASF	SAQF
	Gold	CGSF
	Black	BASF
	Pewter	PASF
	Wheat	WTSF
	Bronze	BRSF
	Painted Finish Options	
	White	WHF
	Cone	

Dimensions



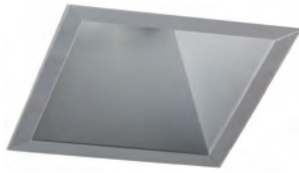
Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Designer Series LED | 4" LED Square Downlight

1100/1500/2000/3000 Lumen Light Engine



Description

Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 14W, 19W, 26W and 37W respectively.

Features

Trim Self-flanged, clear Alzak® (SASF) satin trim with low iridescent finish is standard • Other Alzak® finishes are available; see trim options • Computer-optimized reflector maximizes fixture efficiency • Deep regression of source produces a very low glare system • Wet location option comes with clear glass lens.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • Driver is replaceable from above or below ceiling • Power factor >0.9 • Dimmable via 0-10V protocol – See specification sheet for approved dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds trim in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant • ENERGY STAR® Qualified with select trims

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **SDSQ4-20351-PD**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SDSQ4	20	35		PF
SDSQ4	11-1100 Lumens (14 watts)	27-2700K	1-120V	F-Fuse and Fuse Holder
	15-1500 Lumens (19 watts)	30-3000K	2-277V	BP-120/277V Emergency
	20-2000 Lumens (26 watts)	35-3500K	3-347V	Battery Pack with Remote
	30-3000 Lumens (37 watts)	40-4100K		Test Switch
				R-Reverse Phase Dimming (120V only)
				D-Dali Control Dimming (1100/1500/2000Lm, 120V only)
				PD-Lutron Dimming Driver
				†CP-Chicago Plenum

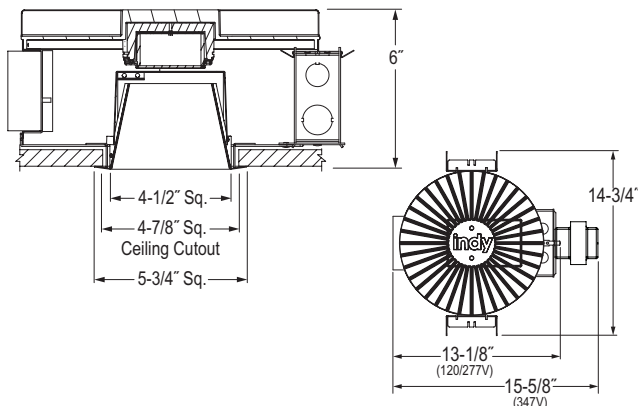
†Consult factory for availability.

▲ ENERGY STAR®
(see specification sheet for ENERGY STAR® Qualified products)

Example: **SDSQ4-SAF-PF**

Reflector	Trim Color Options	Options
SDSQ4	SASF	PF
SDSQ4	Alzak® Finish Options	PF-Painted Flange Only (White)
		WET-Wet Location (Clear glass lens standard)
	Satin	▲SASF
	Specular	▲SAF
	Clear	CGSF
	Gold	CGF
	Black	BASF
		BAF
	Pewter	PASF
		PAF
	Wheat	WTSF
		WTF
	Bronze	BRSF
		BRF
	Painted Finish Options	
	White Cone	WHF

Dimensions



Accessories

Catalog No. Description

HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair

Designer Series LED | 6" LED Square Downlight

1100/1500/2000/3000 Lumen Light Downlight



Description

Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 14W, 19W, 26W and 37W respectively.

Features

Trim Self-flanged, clear Alzak® (SASF) satin trim with low iridescent finish is standard • Other Alzak® finishes are available; see trim options • Computer-optimized reflector maximizes fixture efficiency • Deep regression of source produces a very low glare system • Wet location option comes with clear glass lens.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • Driver is replaceable from above or below ceiling • Power factor >0.9 • Dimmable via 0-10V protocol – See specification sheet for approved dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds trim in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant • ENERGY STAR® Qualified with select trims

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **SDSQ6-20351-PD**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SDSQ6	20	35		PF
SDSQ6	11-1100 Lumens (14 watts)	27-2700K	1-120V	F-Fuse and Fuse Holder
	15-1500 Lumens (19 watts)	30-3000K	2-277V	BP-120/277V Emergency
	20-2000 Lumens (26 watts)	35-3500K	3-347V	Battery Pack with Remote
	30-3000 Lumens (37 watts)	40-4100K		Test Switch
				R-Reverse Phase Dimming (120V only)
				D-Dali Control Dimming (1100/1500/2000Lm, 120V only)
				PD-Lutron Dimming Driver
				†CP-Chicago Plenum

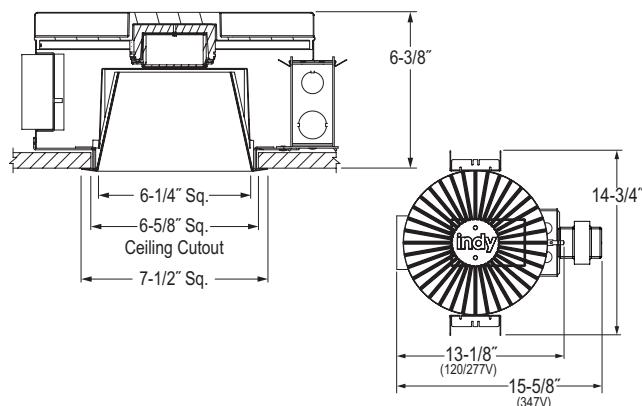
†Consult factory for availability.

▲ ENERGY STAR®
(see specification sheet for ENERGY STAR® Qualified products)

Example: **SDSQ6-SAF-PF**

Reflector	Trim Color Options	Options
SDSQ6	SASF	PF
SDSQ6	Alzak® Finish Options	PF-Painted Flange Only (White)
		WET-Wet Location (Clear glass lens standard)
	Clear	▲ SASF
	Gold	CGSF
	Black	BASF
	Pewter	PASF
	Wheat	WTSF
	Bronze	BRSF
	Painted Finish Options	
	White Cone	WHF
		▲ SAF
		CGF
		BAF
		PAF
		WTF
		BRF

Dimensions



Accessories

Catalog No. Description

HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair



Designer Series LED | 4" LED High-Performance Architectural Wall Wash 1100/1500/2000/3000 Lumen Light Engine



Description

Unique precision reflector system designed to maximize uniformity on the wall horizontally and from floor to ceiling, eliminating scallops and projecting light to within 1 inch of the ceiling line for typical architectural wall wash applications. Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 14W, 19W, 26W and 37W respectively.

Features

Cone Clear specular faceted scoop reflector distributes light with high precision on computer optimized outer kicker reflector to optimize uniformity on the wall horizontally and from floor to ceiling • Deep regression of source produces a very low glare system on room side with 40° cut-off to lamp and lamp image • Self-flanged, clear satin Alzak® (SASF) cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • Driver is replaceable from above or below ceiling • Power factor >0.9 • Dimmable via 0-10V protocol – See specification sheet for approved dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds trim in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Rough-in, reflector and accessories each ordered separately

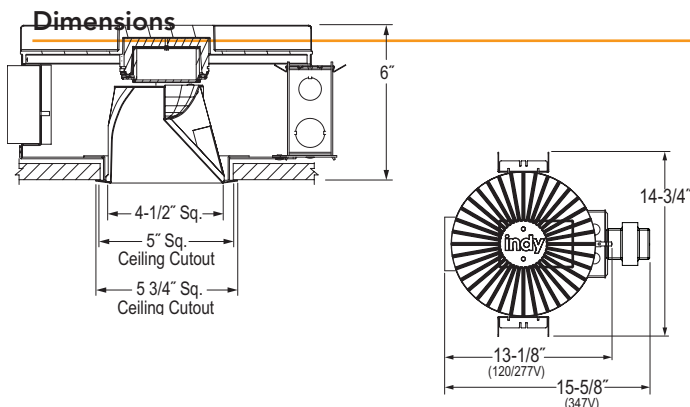
Example: **SDSQ4-20351-PD**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SDSQ4	20	35		PF
SDSQ4	11-1100 Lumens (14 watts)	27-2700K	1-120V	F-Fuse and Fuse Holder
	15-1500 Lumens (19 watts)	30-3000K	2-277V	BP-120/277V Emergency
	20-2000 Lumens (26 watts)	35-3500K	3-347V	Battery Pack with Remote
	30-3000 Lumens (37 watts)	40-4100K		Test Switch
				R-Reverse Phase Dimming (120V only)
				D-Dali Control Dimming (1100/1500/2000Lm, 120V only)
				PD-Lutron Dimming Driver
				†CP-Chicago Plenum

†Consult factory for availability.

Example: **SAWSQ4-SAF-PF**

Reflector	Trim Color Options	Options
SAWSQ4	SASF	PF
SAWSQ4	Alzak® Finish Options	PF-Painted Flange Only (White)
	Clear	Satin
	Gold	CGSF
	Black	BASF
	Pewter	PASF
	Wheat	WTSF
	Bronze	BRSF
	Painted Finish Options	
	White Cone	WHF



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair



Designer Series LED | 6" LED High-Performance Architectural Wall Wash 1100/1500/2000/3000 Lumen Light Engine



Description

Unique precision reflector system designed to maximize uniformity on the wall horizontally and from floor to ceiling, eliminating scallops and projecting light to within 1 inch of the ceiling line for typical architectural wall wash applications. Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 18W, 21W, 31W and 46W respectively.

Features

Cone Clear specular faceted scoop reflector distributes light with high precision on computer optimized outer kicker reflector to optimize uniformity on the wall horizontally and from floor to ceiling • Deep regression of source produces a very low glare system on room side with 40° cut-off to lamp and lamp image • Self-flanged, clear satin Alzak® (SASF) cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • Driver is replaceable from above or below ceiling • Power factor >0.9 • Dimmable via 0-10V protocol – See specification sheet for approved dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds trim in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **SDSQ6-20351-PD**

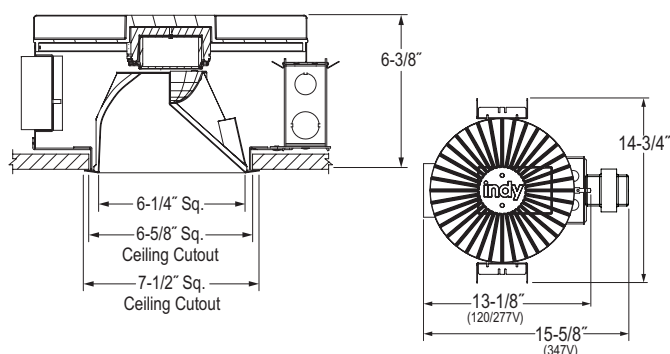
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SDSQ6	20	35		PF
SDSQ6	11-1100 Lumens (14 watts)	27-2700K	1-120V	F-Fuse and Fuse Holder
	15-1500 Lumens (19 watts)	30-3000K	2-277V	BP-120/277V Emergency
	20-2000 Lumens (26 watts)	35-3500K	3-347V	Battery Pack with Remote
	30-3000 Lumens (37 watts)	40-4100K		Test Switch
				R-Reverse Phase Dimming (120V only)
				D-Dali Control Dimming (1100/1500/2000Lm, 120V only)
				PD-Lutron Dimming Driver
				†CP-Chicago Plenum

†Consult factory for availability.

Example: **SAWSQ6-SAF-PF**

Reflector	Trim Color Options	Options
SAWSQ6	SASF	PF
SAWSQ6	Alzak® Finish Options	PF-Painted Flange Only (White)
	Clear	Satin
	Gold	CGSF
	Black	BASF
	Pewter	PASF
	Wheat	WTSF
	Bronze	BRSF
	Painted Finish Options	
	White Cone	WHF

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair



Designer Series LED | 4" LED Round Black Body Dimming Downlight 850/1250/2000/3000 Lumen Light Engine



Description

Black Body Dimming technology duplicates halogen dimming, offering a soft, natural warm glow as light levels are reduced. Comparable light output to 26W, 32W, 42W & CFLs while consuming 11W, 15W, 26W and 34W respectively. Color temperature warms from 2700K to 1800K when dimmed, while staying on the Black Body Locus throughout the dimming range. Exceptional glare control with 40° cut-off.

Features

Cone Self-flanged, clear Alzak® (SASF) stain cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 2700 color temperature at full lumen output • 90+ CRI • Power factor >0.9 • Dimming down to 5% • Dimming using 0-10V protocol (2000, 3000 lumen only) and Triac dimming (850, 1250 lumen, 120V only)

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant • ENERGY STAR® Qualified with select trims

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **SD4BBD-20271-F**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SD4BBD	20	27		F
SD4BBD	08-850 Lumens (11 watts) 12-1250 Lumens (15 watts) 20-2000 Lumens (26 watts) 30-3000 Lumens (34 watts)	27-2700K	1-120V 2-277V †3-347V	F-Fuse and Fuse Holder †BP-120/277V Emergency Battery Pack with Remote Test Switch †CP-Chicago Plenum

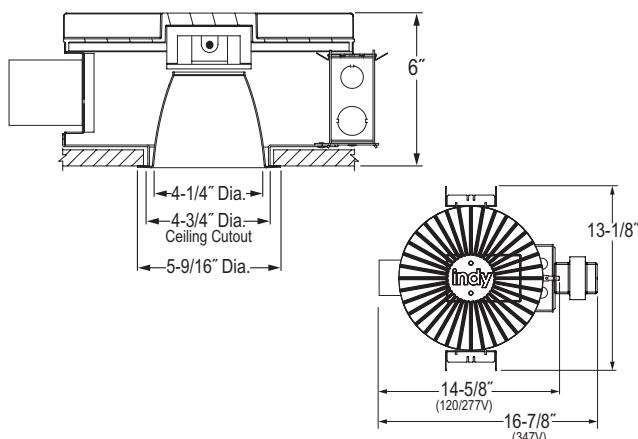
†Consult factory for availability.

▲ ENERGY STAR®
(see specification sheet for ENERGY STAR® Qualified products)

Example: **SD4-SAQF-PF**

Reflector	Trim Color Options	Options
SD4	SASF	PF
SD4	Alzak® Finish Options Satin Semi-Specular ▲SASF ▲SAQF ▲SAF CGSF CGF BASF BAF PASF PAF WTSF WTF BRSF BRF Painted Finish Options White WHF Cone	PF-Painted Flange Only (White) WET-Wet Location (Clear glass lens standard)

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.



Designer Series LED | 6" LED Round Black Body Dimming Downlight 850/1250/2000/3000 Lumen Light Engine



Description

Black Body Dimming technology duplicates halogen dimming, offering a soft, natural warm glow as light levels are reduced. Comparable light output to 26W, 32W, 42W & CFLs while consuming 11W, 15W, 26W and 34W respectively. Color temperature warms from 2700K to 1800K when dimmed, while staying on the Black Body Locus throughout the dimming range. Exceptional glare control with 40° cut-off.

Features

Cone Self-flanged, clear Alzak® (SASF) stain cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 2700 color temperature at full lumen output • 90+ CRI • Power factor >0.9 • Dimming down to 5% • Dimming using 0-10V protocol (2000, 3000 lumen only) and Triac dimming (850, 1250 lumen, 120V only)

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant • ENERGY STAR® Qualified with select trims

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **SD6BBD-20271-F**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SD6BBD	20	27		F
SD6BBD	08-850 Lumens (11 watts) 12-1250 Lumens (15 watts) 20-2000 Lumens (26 watts) 30-3000 Lumens (34 watts)	27-2700K	1-120V 2-277V †3-347V	F-Fuse and Fuse Holder †BP-120/277V Emergency Battery Pack with Remote Test Switch †CP-Chicago Plenum

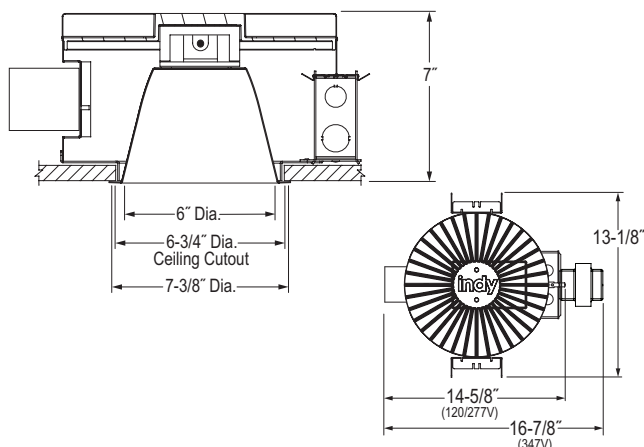
†Consult factory for availability.

▲ ENERGY STAR®
(see specification sheet for ENERGY STAR® Qualified products)

Example: **SD6-SAQF-PF**

Reflector	Trim Color Options	Options
SD6	SASF	PF
SD6	Alzak® Finish Options Satin Semi-Specular ▲SASF ▲SAQF ▲SAF CGSF CGF BASF BAF PASF PAF WTSF WTF BRSF BRF Painted Finish Options White WHF Cone	PF-Painted Flange Only (White) WET-Wet Location (Clear glass lens standard)

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



Designer Series LED | 8" LED Round Black Body Dimming Downlight 850/1250/2000/3000 Lumen Light Engine



Description

Black Body Dimming technology duplicates halogen dimming, offering a soft, natural warm glow as light levels are reduced. Comparable light output to 26W, 32W, 42W & CFLs while consuming 11W, 15W, 26W and 34W respectively. Color temperature warms from 2700K to 1800K when dimmed, while staying on the Black Body Locus throughout the dimming range. Exceptional glare control with 40° cut-off.

Features

Cone Self-flanged, clear Alzak® (SASF) stain cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 2700 color temperature at full lumen output • 90+ CRI • Power factor >0.9 • Dimming down to 5% • Dimming using 0-10V protocol (2000, 3000 lumen only) and Triac dimming (850, 1250 lumen, 120V only)

Housing Heavy gauge cold rolled steel with black finish
• Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made
• UL and cUL, RoHS compliant • ENERGY STAR® Qualified with select trims

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **SD8BBD-20271-F**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SD8BBD	20	27		F
SD8BBD	08-850 Lumens (11 watts) 12-1250 Lumens (15 watts) 20-2000 Lumens (26 watts) 30-3000 Lumens (34 watts)	27-2700K	1-120V 2-277V †3-347V	F-Fuse and Fuse Holder †BP-120/277V Emergency Battery Pack with Remote Test Switch †CP-Chicago Plenum

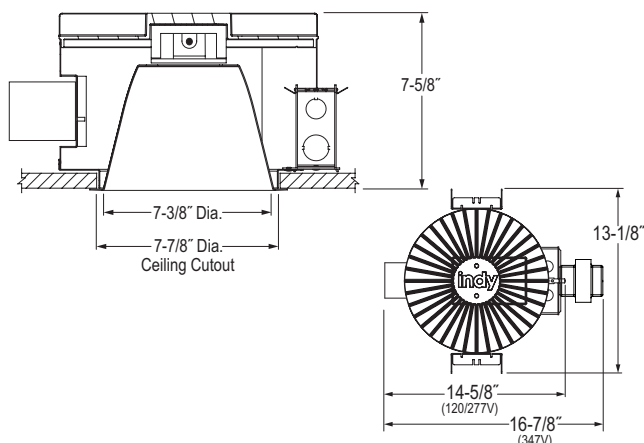
†Consult factory for availability.

▲ ENERGY STAR®
(see specification sheet for ENERGY STAR® Qualified products)

Example: **SD8-SAQF-PF**

Reflector	Trim Color Options	Options
SD8	SASF	PF
SD8	Alzak® Finish Options Satin Semi-Specular ▲SASF ▲SAQF ▲SAF CGSF CGF BASF BAF PASF PAF WTSF WTF BRSF BRF Painted Finish Options White WHF Cone	PF-Painted Flange Only (White) WET-Wet Location (Clear glass lens standard)

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Designer Series LED | 4" LED Round Black Body Dimming Architectural Wall Wash 850/1250/2000/3000 Lumen Light Engine



Description

Unique precision reflector system designed to maximize uniformity on the wall horizontally and from floor to ceiling, eliminating scallops and projecting light within 1 inch of the ceiling line for typical architectural wall wash applications. Black Body Dimming technology duplicates halogen dimming, offering a soft, natural warm glow as light levels are reduced. Comparable light output to 26W, 32W, 42W & CFLs while consuming 11W, 15W, 26W and 34W respectively. Color temperature warms from 2700K to 1800K when dimmed, while staying on the Black Body Locus throughout the dimming range.

Features

Cone Self-flanged, clear Alzak® (SASF) stain cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 2700 color temperature at full lumen output • 90+ CRI • Power factor >0.9 • Dimming down to 5% • Dimming using 0-10V protocol (2000, 3000 lumen only) and Triac dimming (850, 1250 lumen, 120V only)

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **SD4BBD-20271-F**

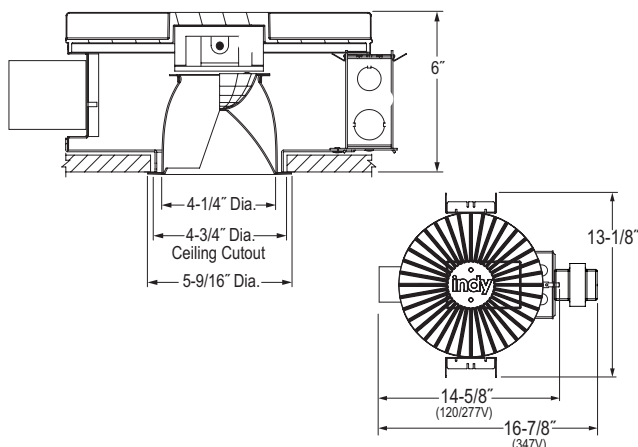
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SD4BBD	20	27		F
SD4BBD	08-850 Lumens (11 watts) 12-1250 Lumens (15 watts) 20-2000 Lumens (26 watts) 30-3000 Lumens (34 watts)	27-2700K	1-120V 2-277V †3-347V	F-Fuse and Fuse Holder †BP-120/277V Emergency Battery Pack with Remote Test Switch †CP-Chicago Plenum

†Consult factory for availability.

Example: **SAW4-SAQF-PF**

Reflector	Trim Color Options	Options
SAW4	SASF	PF
SAW4	Alzak® Finish Options Satin Semi-Specular SASF SAQF CGSF BASF PASF WTSF BRSF Painted Finish Options White WHF Cone	PF-Painted Flange Only (White) Specular SAF CGF BAF PAF WTF BRF

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.



Designer Series LED | 6" LED Round Black Body Dimming Architectural Wall Wash 850/1250/2000/3000 Lumen Light Engine



Description

Unique precision reflector system designed to maximize uniformity on the wall horizontally and from floor to ceiling, eliminating scallops and projecting light within 1 inch of the ceiling line for typical architectural wall wash applications. Black Body Dimming technology duplicates halogen dimming, offering a soft, natural warm glow as light levels are reduced. Comparable light output to 26W, 32W, 42W & CFLs while consuming 11W, 15W, 26W and 34W respectively. Color temperature warms from 2700K to 1800K when dimmed, while staying on the Black Body Locus throughout the dimming range.

Features

Cone Self-flanged, clear Alzak® (SASF) stain cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 2700 color temperature at full lumen output • 90+ CRI • Power factor >0.9 • Dimming down to 5% • Dimming using 0-10V protocol (2000, 3000 lumen only) and Triac dimming (850, 1250 lumen, 120V only)

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **SD6BBD-20271-F**

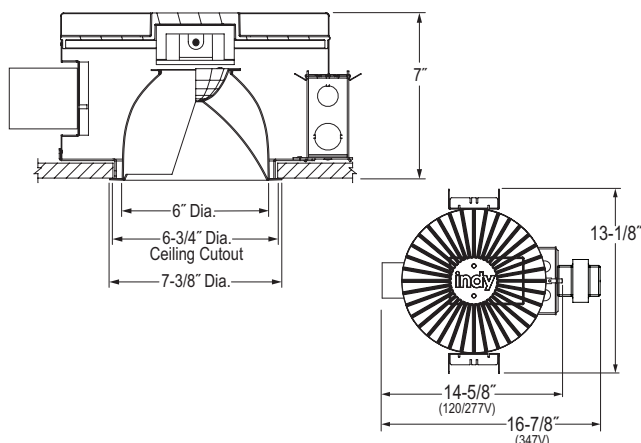
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SD6BBD	20	27		F
SD6BBD	08-850 Lumens (11 watts) 12-1250 Lumens (15 watts) 20-2000 Lumens (26 watts) 30-3000 Lumens (34 watts)	27-2700K	1-120V 2-277V †3-347V	F-Fuse and Fuse Holder †BP-120/277V Emergency Battery Pack with Remote Test Switch †CP-Chicago Plenum

†Consult factory for availability.

Example: **SAW6-SAQF-PF**

Reflector	Trim Color Options	Options
SAW6	SASF	PF
SAW6	Alzak® Finish Options Semi-Specular SASF CGSF BASf PASf WTSf BRsf Painted Finish Options White Cone	PF-Painted Flange Only (White) SAF CGF BAF PAF WTF BRF

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



Designer Series LED | 8" LED Round Black Body Dimming Architectural Wall Wash 850/1250/2000/3000 Lumen Light Engine



Description

Unique precision reflector system designed to maximize uniformity on the wall horizontally and from floor to ceiling, eliminating scallops and projecting light within 1 inch of the ceiling line for typical architectural wall wash applications. Black Body Dimming technology duplicates halogen dimming, offering a soft, natural warm glow as light levels are reduced. Comparable light output to 26W, 32W, 42W & CFLs while consuming 11W, 15W, 26W and 34W respectively. Color temperature warms from 2700K to 1800K when dimmed, while staying on the Black Body Locus throughout the dimming range.

Features

Cone Self-flanged, clear Alzak® (SASF) stain cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 2700 color temperature at full lumen output • 90+ CRI • Power factor >0.9 • Dimming down to 5% • Dimming using 0-10V protocol (2000, 3000 lumen only) and Triac dimming (850, 1250 lumen, 120V only)

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **SD8BBD-20271-F**

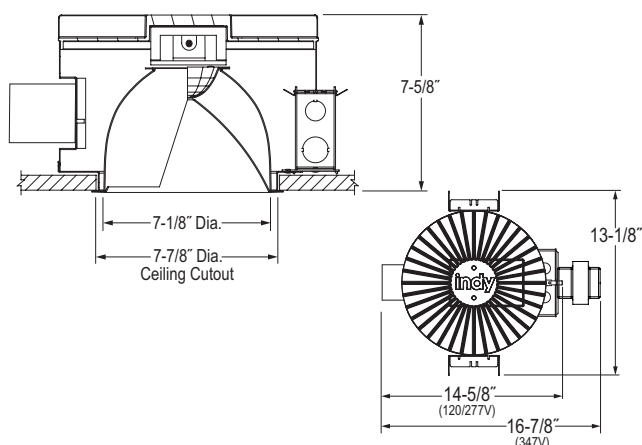
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SD8BBD	20	27		F
SD8BBD	08-850 Lumens (11 watts) 12-1250 Lumens (15 watts) 20-2000 Lumens (26 watts) 30-3000 Lumens (34 watts)	27-2700K	1-120V 2-277V †3-347V	F-Fuse and Fuse Holder †BP-120/277V Emergency Battery Pack with Remote Test Switch †CP-Chicago Plenum

†Consult factory for availability.

Example: **SAW8-SAQF-PF**

Reflector	Trim Color Options	Options
SAW8	SASF	PF
SAW8	Alzak® Finish Options Satin Semi-Specular SASF SAQF Clear Gold CGSF Black BASF Pewter PASF Wheat WTSF Bronze BRSF Painted Finish Options White WHF Cone	PF-Painted Flange Only (White) Specular SAF CGF BAF PAF WTF BRF

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Designer Series LED | 4" LED Square Black Body Dimming Downlight 850/1250/2000/3000 Lumen Light Engine



Description

Black Body Dimming technology duplicates halogen dimming, offering a soft, natural warm glow as light levels are reduced. Comparable light output to 26W, 32W, 42W & CFLs while consuming 11W, 15W, 26W and 34W respectively. Color temperature warms from 2700K to 1800K when dimmed, while staying on the Black Body Locus throughout the dimming range. Exceptional glare control with 40° cut-off.

Features

Cone Self-flanged, clear Alzak® (SASF) stain cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 2700 color temperature at full lumen output • 90+ CRI • Power factor >0.9 • Dimming down to 5% • Dimming using 0-10V protocol (2000, 3000 lumen only) and Triac dimming (850, 1250 lumen, 120V only)

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant • ENERGY STAR® Qualified with select trims

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **SDSQ4BBD-20271-F**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SDSQ4BBD	20	27		F
SDSQ4BBD	08-850 Lumens (11 watts) 12-1250 Lumens (15 watts) 20-2000 Lumens (26 watts) 30-3000 Lumens (34 watts)	27-2700K	1-120V 2-277V †3-347V	F-Fuse and Fuse Holder †BP-120/277V Emergency Battery Pack with Remote Test Switch †CP-Chicago Plenum

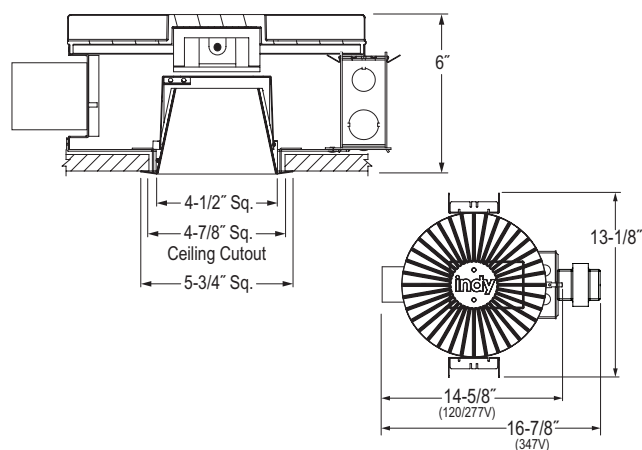
†Consult factory for availability.

▲ ENERGY STAR®
(see specification sheet for ENERGY STAR® Qualified products)

Example: **SDSQ4-SAQF-PF**

Reflector	Trim Color Options	Options
SDSQ4	SASF	PF
SDSQ4	Alzak® Finish Options	PF-Painted Flange Only (White) WET-Wet Location (Clear glass lens standard)
	Clear Gold Black Pewter Wheat Bronze Painted Finish Options White Cone	▲SASF ▲CGSF BASF PASF WTSP BRSP WHF

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair



Designer Series LED | 6" LED Square Black Body Dimming Downlight 850/1250/2000/3000 Lumen Light Engine



Description

Black Body Dimming technology duplicates halogen dimming, offering a soft, natural warm glow as light levels are reduced. Comparable light output to 26W, 32W, 42W & CFLs while consuming 11W, 15W, 26W and 34W respectively. Color temperature warms from 2700K to 1800K when dimmed, while staying on the Black Body Locus throughout the dimming range. Exceptional glare control with 40° cut-off.

Features

Cone Self-flanged, clear Alzak® (SASF) stain cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 2700 color temperature at full lumen output • 90+ CRI • Power factor >0.9 • Dimming down to 5% • Dimming using 0-10V protocol (2000, 3000 lumen only) and Triac dimming (850, 1250 lumen, 120V only)

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant • ENERGY STAR® Qualified with select trims

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **SDSQ6BBD-20271-F**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SDSQ6BBD	20	27		F
SDSQ6BBD	08-850 Lumens (11 watts) 12-1250 Lumens (15 watts) 20-2000 Lumens (26 watts) 30-3000 Lumens (34 watts)	27-2700K	1-120V 2-277V †3-347V	F-Fuse and Fuse Holder †BP-120/277V Emergency Battery Pack with Remote Test Switch †CP-Chicago Plenum

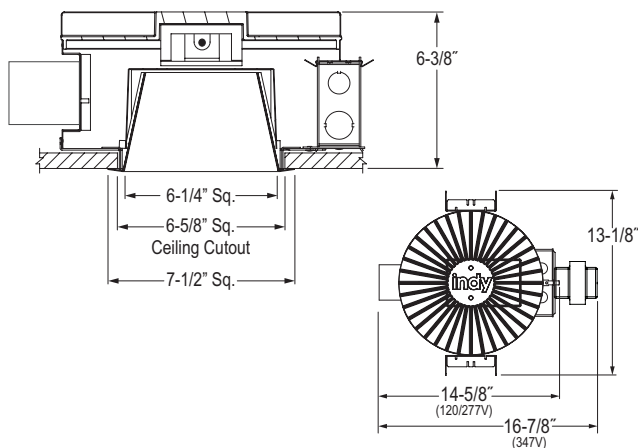
†Consult factory for availability.

▲ ENERGY STAR®
(see specification sheet for ENERGY STAR® Qualified products)

Example: **SDSQ6-SAQF-PF**

Reflector	Trim Color Options	Options
SDSQ6	SASF	PF
SDSQ6	Alzak® Finish Options	PF-Painted Flange Only (White) WET-Wet Location (Clear glass lens standard)
	Clear Gold Black Pewter Wheat Bronze Painted Finish Options White Cone	▲SASF ▲CGSF BASF PASF WTSF BRSF WHF ▲SAF CGF BAF PAF WTF BRF

Dimensions

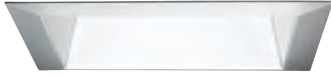


Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair



Designer Series LED | 4" LED Square Black Body Dimming Architectural Wall Wash 850/1250/2000/3000 Lumen Light Engine



Description

Unique precision reflector system designed to maximize uniformity on the wall horizontally and from floor to ceiling, eliminating scallops and projecting light within 1 inch of the ceiling line for typical architectural wall wash applications. Black Body Dimming technology duplicates halogen dimming, offering a soft, natural warm glow as light levels are reduced. Comparable light output to 26W, 32W, 42W & CFLs while consuming 11W, 15W, 26W and 34W respectively. Color temperature warms from 2700K to 1800K when dimmed, while staying on the Black Body Locus throughout the dimming range.

Features

Cone Self-flanged, clear Alzak® (SASF) stain cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 2700 color temperature at full lumen output • 90+ CRI • Power factor >0.9 • Dimming down to 5% • Dimming using 0-10V protocol (2000, 3000 lumen only) and Triac dimming (850, 1250 lumen, 120V only)

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **SDSQ4BBD-20271-F**

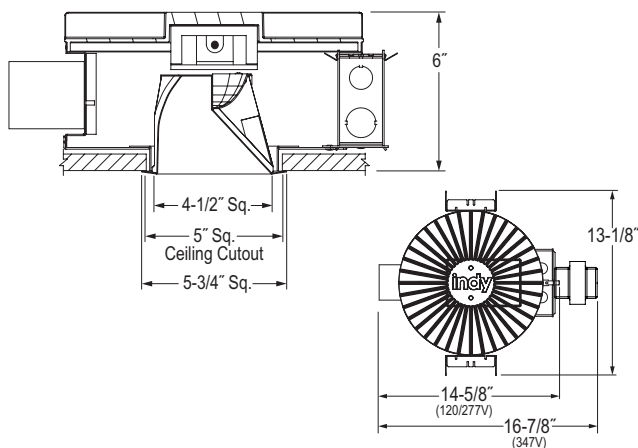
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SDSQ4BBD	20	27		F
SDSQ4BBD	08-850 Lumens (11 watts) 12-1250 Lumens (15 watts) 20-2000 Lumens (26 watts) 30-3000 Lumens (34 watts)	27-2700K	1-120V 2-277V †3-347V	F-Fuse and Fuse Holder †BP-120/277V Emergency Battery Pack with Remote Test Switch †CP-Chicago Plenum

†Consult factory for availability.

Example: **SAWSQ4-SAQF-PF**

Reflector	Trim Color Options	Options
SAWSQ4	SASF	PF
SAWSQ4	Alzak® Finish Options	PF-Painted Flange Only (White)
	Clear	Satin
	Gold	SASF
	Black	CGSF
	Pewter	BASF
	Wheat	PASF
	Bronze	WTFS
		BRFS
	Painted Finish Options	
	White Cone	WHF

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair



Designer Series LED | 6" LED Square Black Body Dimming Architectural Wall Wash 850/1250/2000/3000 Lumen Light Engine



Description

Unique precision reflector system designed to maximize uniformity on the wall horizontally and from floor to ceiling, eliminating scallops and projecting light within 1 inch of the ceiling line for typical architectural wall wash applications. Black Body Dimming technology duplicates halogen dimming, offering a soft, natural warm glow as light levels are reduced. Comparable light output to 26W, 32W, 42W & CFLs while consuming 11W, 15W, 26W and 34W respectively. Color temperature warms from 2700K to 1800K when dimmed, while staying on the Black Body Locus throughout the dimming range.

Features

Cone Self-flanged, clear Alzak® (SASF) stain cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 2700 color temperature at full lumen output • 90+ CRI • Power factor >0.9 • Dimming down to 5% • Dimming using 0-10V protocol (2000, 3000 lumen only) and Triac dimming (850, 1250 lumen, 120V only)

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **SDSQ6BBD-20271-F**

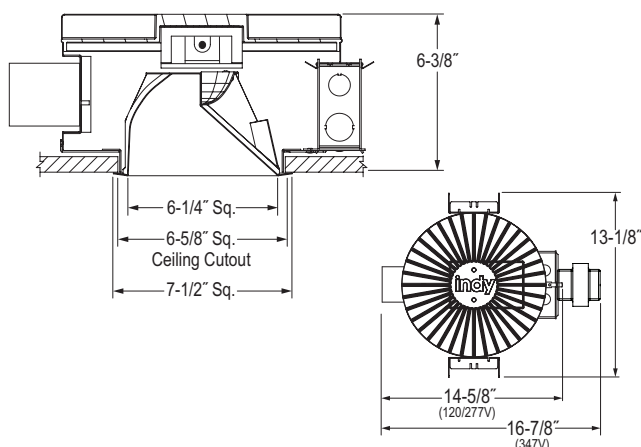
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
SDSQ6BBD	20	27		F
SDSQ6BBD	08-850 Lumens (11 watts) 12-1250 Lumens (15 watts) 20-2000 Lumens (26 watts) 30-3000 Lumens (34 watts)	27-2700K	1-120V 2-277V †3-347V	F-Fuse and Fuse Holder †BP-120/277V Emergency Battery Pack with Remote Test Switch †CP-Chicago Plenum

†Consult factory for availability.

Example: **SAWSQ6-SAQF-PF**

Reflector	Trim Color Options	Options
SAWSQ6	SASF	PF
SAWSQ6	Alzak® Finish Options	PF-Painted Flange Only (White)
	Clear	Satin
	Gold	SASF
	Black	CGSF
	Pewter	BASF
	Wheat	PASF
	Bronze	WTSF
		BRF
	Painted Finish Options	
	White Cone	WHF

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair



Verizon Destination Store, Chicago, Illinois; 37 Volts Light Studio, Mark Steele Photography



Designer Series LED | 6" LED Downlight Cylinder

1100/1500/2000/3000 Lumen Light Engine



Description

Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W and 42W CFL while consuming 14W, 19W, 26W and 37W respectively.

Features

Cone Self-flanged, low iridescent satin or specular Alzak® cone standard • Other Alzak® and painted finishes are available; see trim options

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 50/60Hz • Dimmable via 0-10V protocol – See specification sheet for qualified dimmers

Housing One piece heavy gauge steel with white or black baked textured powder coat finish

Mounting Available for surface, pendant or wall mounting • Pendant mounting features hang straight pendant mounting kits that allows for mounting onto sloped ceiling with an angle up to 45° • Hinged reveal allows single person installation

Labels and Listings UL Listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified, with select trims

Ordering Information Example: SC6-1535UW-WTL-WH

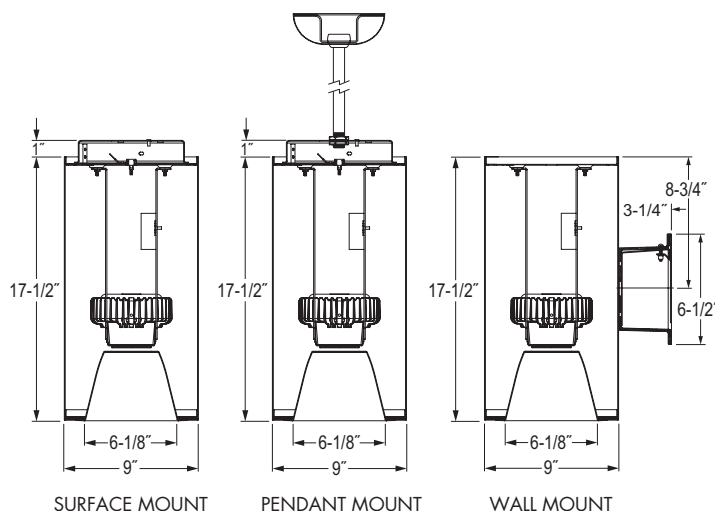
Model	Light Engine Lumens	Color Temperature	Voltage	Housing Color	Trim Color Options	Options
SC6	15	35	U	W	CL	WH
SC6	11-1100 Lumens (14 watts)	27-2700K	U-120V-277V	W-White	Color	WH-White Flange
Surface Mount	15-1500 Lumens (19 watts)	30-3000K	†3-347V	B-Black	C-Clear	WS-Single Wall Wash
SC6P‡	20-2000 Lumens (26 watts)	35-3500K			G-Gold	BP-Emergency Battery Pack with Test Switch (Battery & Test Switch remotely mounted)
Pendant Mount	30-3000 Lumens (37 watts)	40-4100K			WT-Wheat	♦R-Reverse Phase Dimming (120V only)
SC6B					PT-Pewter	D-DALI Control Dimming (1100/1500/2000Lm, 120V only)
Wall Mount					BZ-Bronze	PD-Lutron Dimming Driver
					B-Black	
					W-White	

†Consult factory for availability.

‡See accessories for pendant mounting of fixtures with dimming or emergency battery pack.

♦R option (Reverse Phase dimming) uses standard stem accessories.

Dimensions



Accessories

Catalog No.	Description
P18-W	18" Hang Straight Pendant Mounting Kit, White
P18-B	18" Hang Straight Pendant Mounting Kit, Black
P24-W	24" Hang Straight Pendant Mounting Kit, White
P24-B	24" Hang Straight Pendant Mounting Kit, Black
P36-W	36" Hang Straight Pendant Mounting Kit, White
P36-B	36" Hang Straight Pendant Mounting Kit, Black
DM	For standard dimming, add -DM to pendant kit. Example: P36-W-DM
DM-PD	For dimming driver, add -DM-PD to pendant kit. Example: P36-W-DM-PD
DM-D1	For DALI control, add -DM-D1 to pendant kit. Example: P36-W-DM-D1
BP-FRTM	For battery pack, add -BP-FRTM to pendant kit. Example: P36-W-BP-FRTM



Description

Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control.

Features

- Low iridescent finishes eliminate "rainbowing"
- 120/277 universal voltage, HPF electronic ballast
- Cylinder exterior is heavy gauge aluminum with white or black finish; consult factory for other colors
- UL/C-UL Listed for damp locations

Ordering Information

Ordering Example: **10H2-18QW-CL-F**

Series	Description	Reflector Color/Finish	Options
10H-18QW ^{1,2,3}	1x18W Quad, 4-Pin	CL -Clear Alzak® Specular	3 -347 Volt
10H2-18QW ^{1,2,3}	2x18W Quad, 4-Pin	CS -Clear Alzak® Satin	***F -Fuse and Fuse Holder
10H-26QW ^{1,2,3}	1x26W Quad, 4-Pin	GL -Gold Alzak® Specular	(where *** = voltage)
10H2-26QW ^{1,2,3}	2x26W Quad, 4-Pin	GS -Gold Alzak® Satin	
		PL -Pewter Alzak® Specular	
		BB -Black Baffle	

¹Surface Mount series indicated.

²For pendant mount, change 10H to 10HP in series; for wall mount, change 10H to 10HB in series.

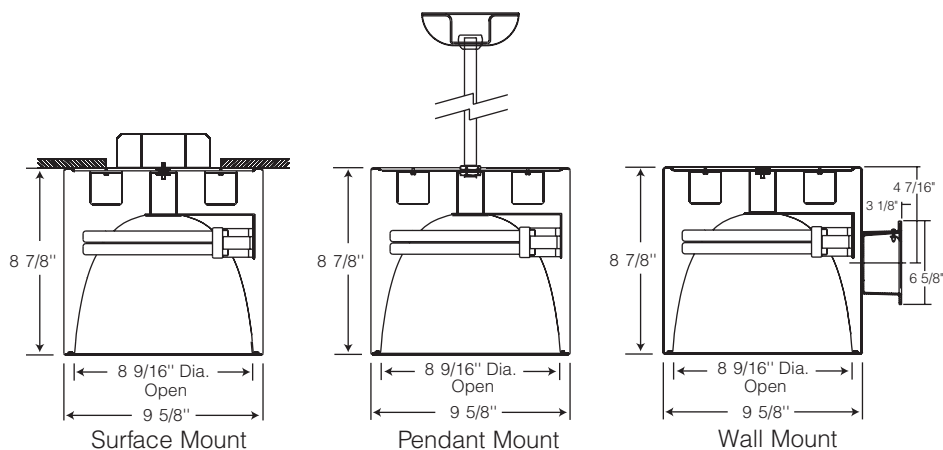
³For black finish, change "W" in Catalog Number to "B".

Accessories

Catalog No.	Description
P18-W ³	18" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P24-W ³	24" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P36-W ³	36" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish

³For black finish, change "W" in Catalog Number to "B."

Dimensions





Description

Ideal for areas where energy efficient "instant on" or dimming is desired.

Features

- Low iridescent finishes eliminate "rainbowing"
- 120/277 universal voltage HPF electronic ballast
- Cylinder exterior is heavy gauge steel with white or black finish; consult factory for other colors
- UL/C-UL Listed for damp locations

Ordering Information

Ordering Example: **12-32TW-CL-120F**

Series	Description	Reflector Color/Finish	Options
12-32TW¹	32W Triple Tube, 4-Pin, Surface Mount	CL -Clear Alzak® Specular	3 -347 Volt
12P-32TW¹	32W Triple Tube, 4-Pin, Pendant Mount	CS -Clear Alzak® Satin	D10 -Dimming Ballast
12B-32TW¹	32W Triple Tube, 4-Pin, Wall Mount	GL -Gold Alzak® Specular	Advance Mark 10™
12-42TW¹	42W Triple Tube, 4-Pin, Surface Mount	GS -Gold Alzak® Satin	(-1 for 120V, -2 for 277V)
12P-42TW¹	42W Triple Tube, 4-Pin, Pendant Mount	W -White Painted	D7 -Dimming Ballast
12B-42TW¹	42W Triple Tube, 4-Pin, Wall Mount		Advance Mark 7™
			DL -Dimming Ballast Lutron
			Compact SE (-1 for 120V, -2 for 277V)
			***F -Fuse and Fuse Holder
			(where *** = voltage)

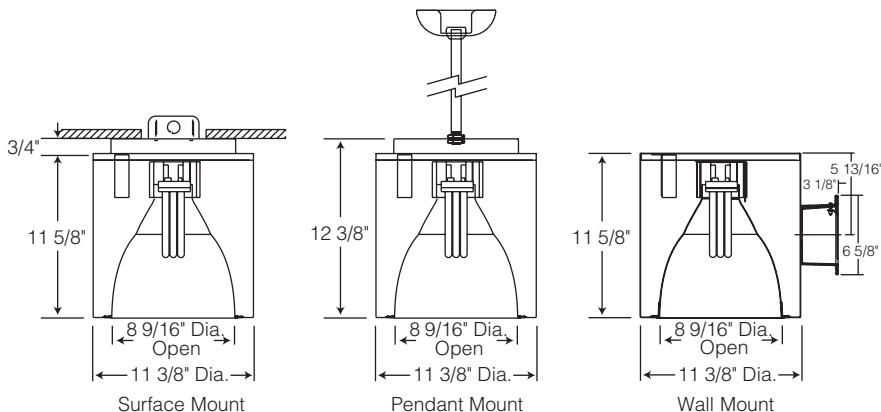
¹For black finish, change "W" in Catalog Number to "B."

Accessories

Catalog No.	Description
P18-W¹	18" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P24-W¹	24" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P36-W¹	36" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish

¹For black finish, change "W" in Catalog Number to "B."

Dimensions





Description

Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control.

Features

- Low iridescent finishes eliminate "rainbowing"
- 120/277 universal voltage HPF electronic ballast
- Cylinder exterior is heavy gauge steel with white or black finish; consult factory for other colors
- UL/C-UL Listed for damp locations

Ordering Information

Ordering Example: **12H2-32TW-CL-120F**

Series	Description	Reflector Color/Finish	Options
12H-32TW^{1,2,3}	1X32W Triple, 4-Pin	CL -Clear Alzak® Specular	3 -347 Volt
12H2-32TW^{1,2,3}	2X32W Triple, 4-Pin	CS -Clear Alzak® Satin	D10 -Dimming Ballast Advance Mark 10™ (-1 for 120V, -2 for 277V)
12H-42TW^{1,2,3}	1X42W Triple, 4-Pin	GL -Gold Alzak® Specular	D7 -Dimming Ballast Advance Mark 7™
12H2-42TW^{1,2,3}	2X42W Triple, 4-Pin	GS -Gold Alzak® Satin	DL -Dimming Ballast Lutron Compact SE (-1 for 120V, -2 for 277V)
		W -White Painted	***F -Fuse and Fuse Holder (where *** = voltage)

¹Surface Mount series indicated.

²For pendant mount, change 12H to 12HP in series; for wall mount, change 12H to 12HB in series.

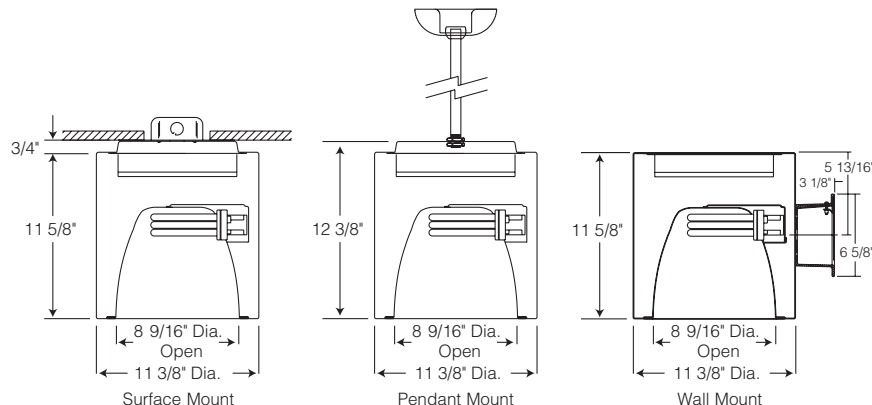
³For black finish, change "W" in Catalog Number to "B."

Accessories

Catalog No.	Description
P18-W³	18" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P24-W³	24" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P36-W³	36" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish

³For black finish, change "W" in Catalog Number to "B."

Dimensions





Gross Collins, Atlanta, Georgia, Architect: Robin Millard, AIA; Millard, Inc.; Pirello Photography



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Finish is specular clear Alzak® standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

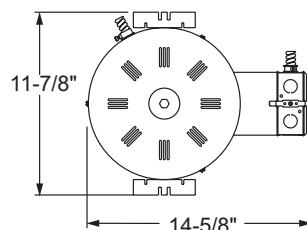
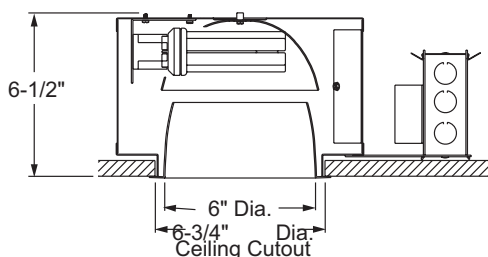
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FD26-26E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FD26	26	E	SACSF	825
FD26	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SACSF*-Clear CGCSF*-Champagne Gold BACSF*-Black PACSF*-Pewter WTCSF*-Wheat BRCSF*-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) LD¹-Dimming Ballast, Lutron Compact SE AD¹-Dimming Ballast, Advance Mark 10" D7-Dimming Ballast, Advance Mark 7" BP-I²-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I²-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

² Battery pack access in non-accessible ceilings require 5" additional plenum height.

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SACF)

Accessories

To specify, order as additional item.
Example: **SCA6-20**

SCA6-[*]-Sloped Ceiling Adapter

(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Finish is specular clear Alzak® standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

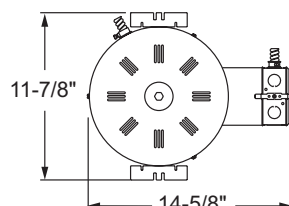
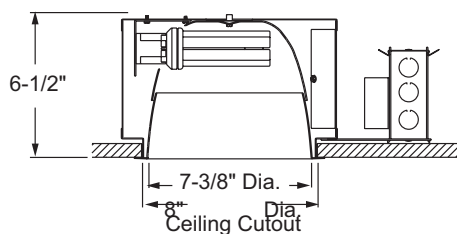
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FD28-26E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FD28	26	E	SACSF	825
FD28	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SACSF ¹ -Clear CGCSF ¹ -Champagne Gold BACSF ¹ -Black PACSF ¹ -Pewter WTCSF ¹ -Wheat BRCSF ¹ -Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) LD ¹ -Dimming Ballast, Lutron Compact SE AD ¹ -Dimming Ballast, Advance Mark 10" D7-Dimming Ballast, Advance Mark 7" BP-I ² -Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I ² -High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

² Battery pack access in non-accessible ceilings require 5" additional plenum height.

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SACF)

Accessories

To specify, order as additional item.
Example: SCA8-20

SCA8-[*]-Sloped Ceiling Adapter

(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Finish is specular clear Alzak® standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max
Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

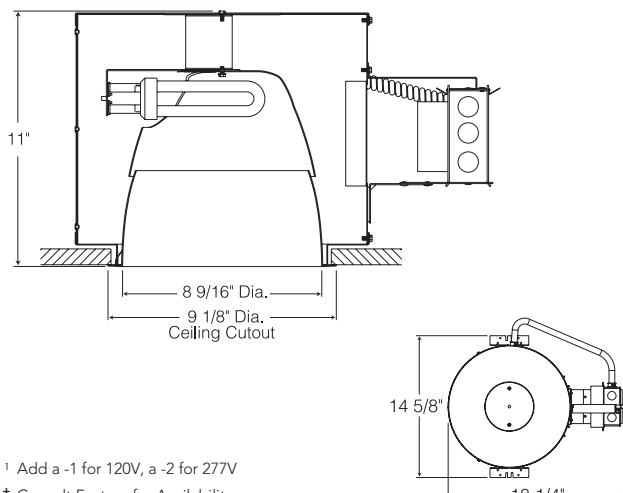
Lamp Shown with two (2) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FD59-26E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FD59	26	E	SACSF	825
FD59	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSF-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) LD¹-Dimming Ballast, Lutron Compact SE AD¹-Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

Accessories

To specify, order as additional item.
 Example: SCA9-20

SCA9-[*]-Sloped Ceiling Adapter

(*Angle must be specified when ordered;
 available in 5°, 10°, 15°, 20°, 25°, 30°)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Finish is specular clear Alzak® standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceiling add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

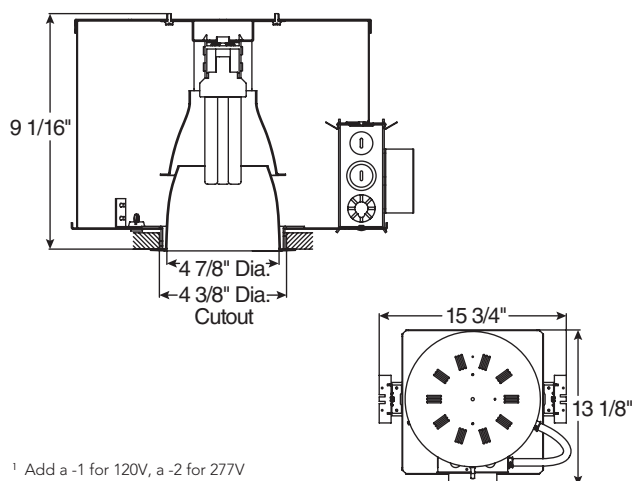
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FD14-18E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FD14	18	E	SACSF	825
FD14	18 26	E-Electronic Universal Voltage	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSF-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) LD ¹ -Dimming Ballast, Lutron Compact SE AD ¹ -Dimming Ballast, Advance Mark 10" D7-Dimming Ballast, Advance Mark 7" BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

Accessories

To specify, order as additional item.
Example: SCA4-20

SCA4-[*]-Sloped Ceiling Adapter

(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Finish is specular clear Alzak® standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceiling add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

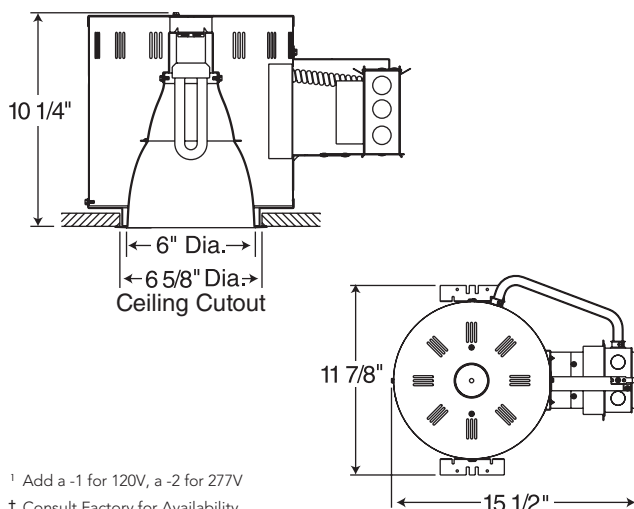
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FD16-26E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FD16	26	E	SACSF	825
FD16	26 32	E-Electronic Universal Voltage	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSF-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) LD ¹ -Dimming Ballast, Lutron Compact SE AD ¹ -Dimming Ballast, Advance Mark 10" D7-Dimming Ballast, Advance Mark 7" BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V
† Consult Factory for Availability

Accessories

To specify, order as additional item.
Example: SCA6-20

SCA6-[*]-Sloped Ceiling Adapter

(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Finish is specular clear Alzak® standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

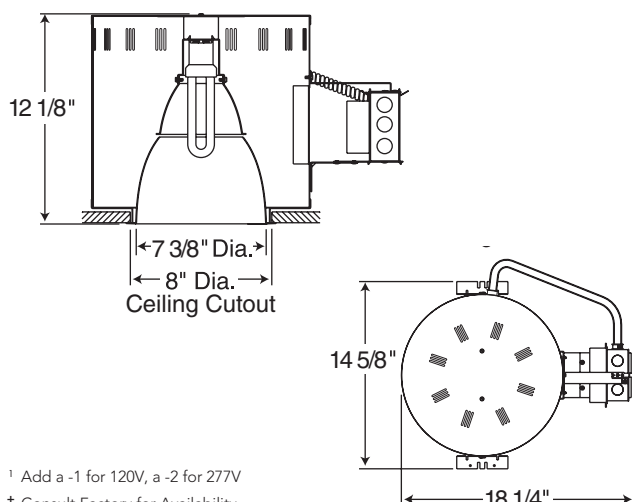
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FD18-26E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FD18	26	E	SACSF	825
FD18	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSF-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) LD¹-Dimming Ballast, Lutron Compact SE AD¹-Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V
† Consult Factory for Availability

Accessories

To specify, order as additional item.
Example: SCA8-20

SCA8-[*]-Sloped Ceiling Adapter

(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Finish is specular clear Alzak® standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceiling add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

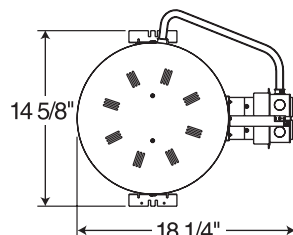
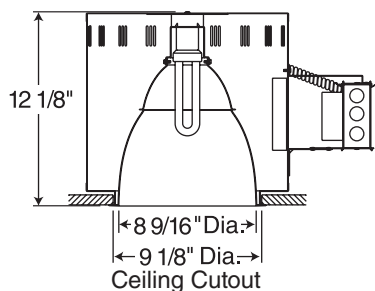
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FD19-26E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FD19	26	E	SACSF	825
FD19	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSE-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) LD¹-Dimming Ballast, Lutron Compact SE AD¹-Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V
† Consult Factory for Availability

Accessories

To specify, order as additional item.
Example: SCA9-20

SCA9-[*]-Sloped Ceiling Adapter

(*Angle must be specified when ordered;
available in 5°, 10°, 15°, 20°, 25°, 30°)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash light with wide lateral distribution.

Features

Upper & Kicker Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard • Available in single, double or corner wall wash distributions

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness • Trim collar is available for thicker ceilings; consult factory

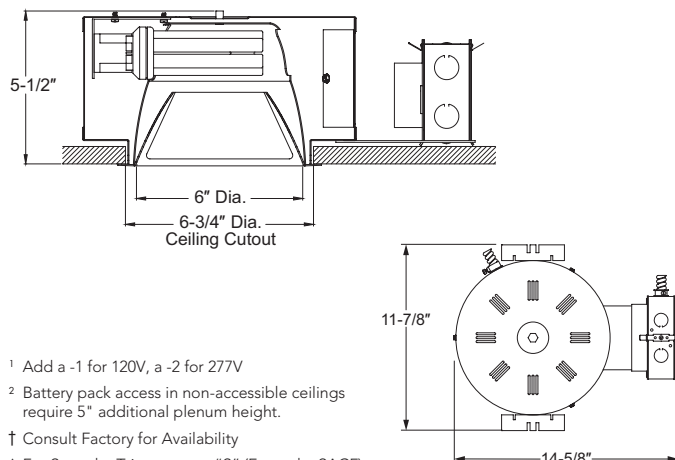
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FW26-26E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FW26	26	E	SACSF	825
FW26	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SACSF ¹ -Clear CGCSF ¹ -Champagne Gold BACSF ¹ -Black PACSF ¹ -Pewter WTCSF ¹ -Wheat BRCSF ¹ -Bronze Painted Finish Options WHCF-White Cone	SW-Single Wall Wash DW-Double Wall Wash CW-Corner Wall Wash PF-Painted Flange Only (white) LD ¹ -Dimming Ballast, Lutron Compact SE AD ¹ -Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ BP-I ² -Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I ² -High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

² Battery pack access in non-accessible ceilings require 5" additional plenum height.

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SACF)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash light with wide lateral distribution.

Features

Upper & Kicker Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard • Available in single, double or corner wall wash distributions

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceiling add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

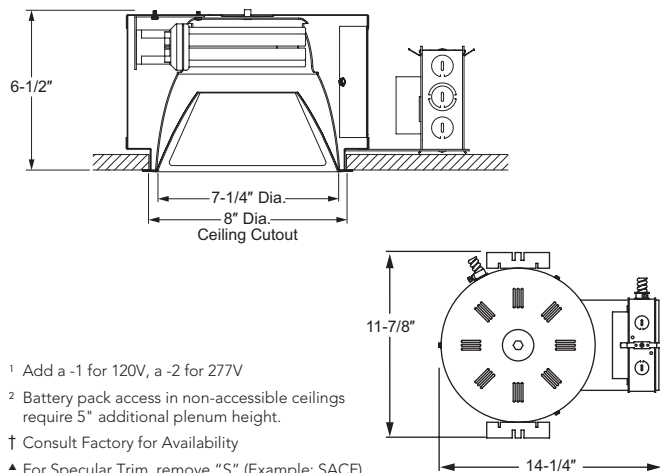
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FW28-26E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FW28	26	E	SACSF	825
FW28	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SACSF ¹ -Clear CGCSF ¹ -Champagne Gold BACSF ¹ -Black PACSF ¹ -Pewter WTCFSF ¹ -Wheat BRCSF ¹ -Bronze Painted Finish Options WHCF-White Cone	SW-Single Wall Wash DW-Double Wall Wash CW-Corner Wall Wash PF-Painted Flange Only (white) LD ¹ -Dimming Ballast, Lutron Compact SE AD ¹ -Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ BP-I ² -Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I ² -High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions





Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash light with wide lateral distribution.

Features

Upper & Kicker Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

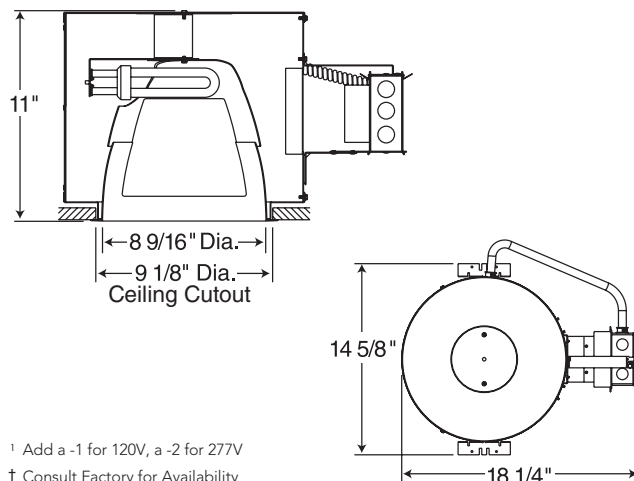
Lamp Shown with two (2) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FW59-26E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FW59	26	E	SACSF	825
FW59	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSF-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) LD¹-Dimming Ballast, Lutron Compact SE AD¹-Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability



Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform striation-free wash light with wide lateral distribution.

Features

Upper & Kicker Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceiling add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

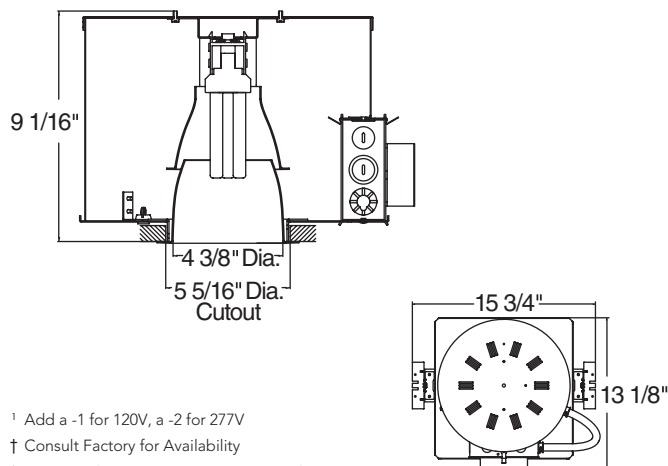
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FW14-18E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FW14	18	E	SACSF	825
FW14	18 26	E-Electronic Universal Voltage	Alzak® Satin Finish Options SACSF [▲] -Clear CGCSF [▲] -Champagne Gold BACSF [▲] -Black PACSF [▲] -Pewter WTCSF [▲] -Wheat BRCSF [▲] -Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) LD ¹ -Dimming Ballast, Lutron Compact SE AD ¹ -Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SACF)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform striation-free wash light with wide lateral distribution.

Features

Upper & Kicker Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceiling add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

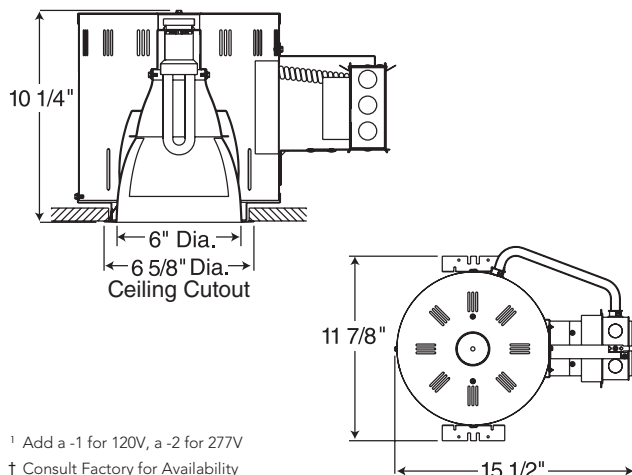
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FW16-26E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FW16	26	E	SACSF	825
FW16	26 32	E-Electronic Universal Voltage	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSF-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) LD¹-Dimming Ballast, Lutron Compact SE AD¹-Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V
† Consult Factory for Availability



Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash light with wide lateral distribution.

Features

Upper & Kicker Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

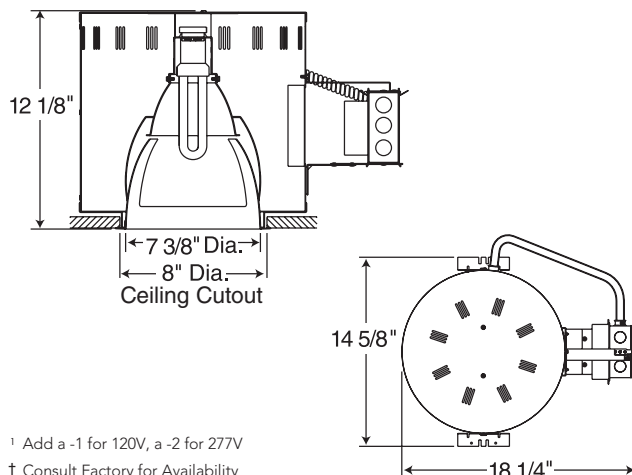
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FW18-26E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FW18	26	E	SACSF	825
FW18	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSF-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) LD ¹ -Dimming Ballast, Lutron Compact SE AD ¹ -Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability



Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform striation-free wash light with wide lateral distribution.

Features

Upper & Kicker Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceiling add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

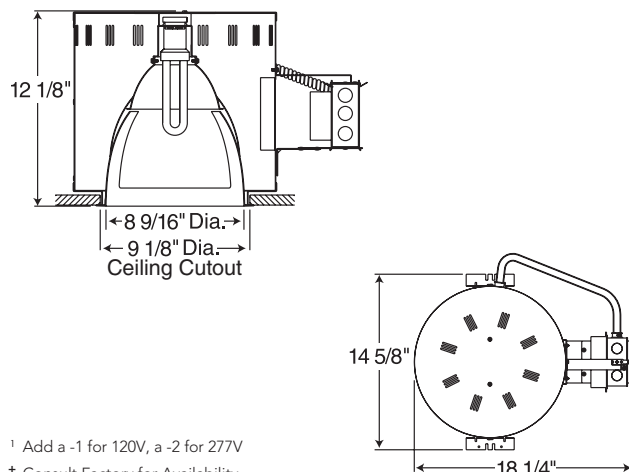
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FW19-26E-SACSF-825

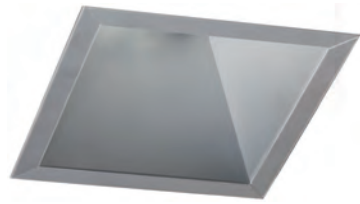
Model	Lamp Wattage	Ballast	Trim Options	Options
FW19	26	E	SACSF	825
FW19	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSE-Wheat BRCSE-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) LD¹-Dimming Ballast, Lutron Compact SE AD¹-Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Finish is specular clear Alzak® standard

Lower trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P", HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

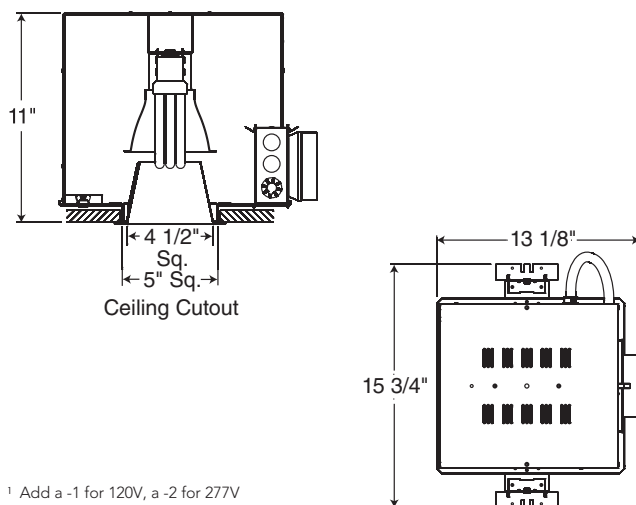
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FDSQ14-32E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FDSQ14	32	E	SATSF	825
FDSQ14	26 32	E-Electronic Universal Voltage	Alzak® Satin Finish Options SATSF [▲] -Clear CGTSF [▲] -Champagne Gold BATSF [▲] -Black PATSF [▲] -Pewter WTTSF [▲] -Wheat BRTSF [▲] -Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) LD [†] -Dimming Ballast, Lutron Compact SE AD [†] -Dimming Ballast, Advance Mark 10" D7-Dimming Ballast, Advance Mark 7" BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

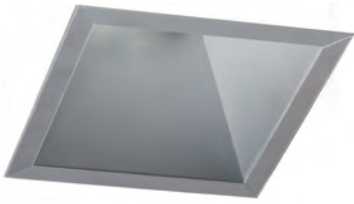
Dimensions



[†] Add a -1 for 120V, a -2 for 277V

[†] Consult Factory for Availability

[▲] For Specular Trim, remove "S" (Example: SATF)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Finish is specular clear Alzak® standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P", HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

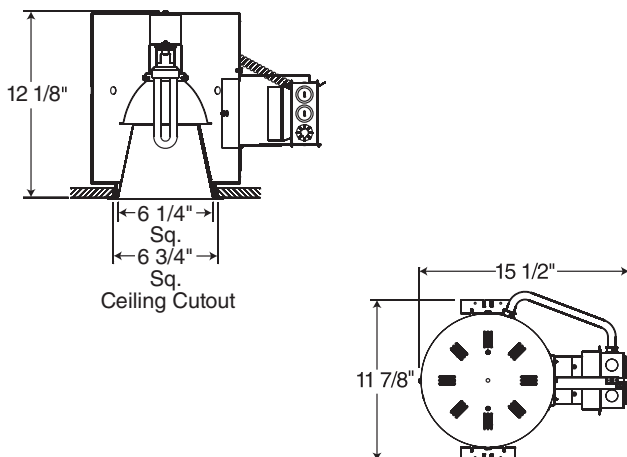
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FDSQ16-42E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FDSQ16	42	E	SATSF	825
FDSQ16	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SATSF [▲] -Clear CGTSF [▲] -Champagne Gold BATSF [▲] -Black PATSF [▲] -Pewter WTTSF [▲] -Wheat BRTSF [▲] -Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) LD [†] -Dimming Ballast, Lutron Compact SE AD [†] -Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

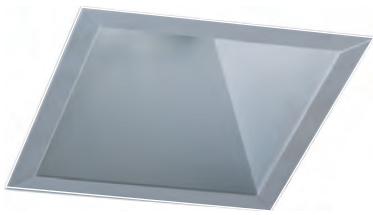
Dimensions



[†] Add a -1 for 120V, a -2 for 277V

[†] Consult Factory for Availability

[▲] For Specular Trim, remove "S" (Example: SATF)



Description

Horizontal lamp design provides wide distribution in a shallow profile with good brightness control. Square aperture blends well with most architecture.

Features

Upper Reflector Finish is specular clear Alzak® standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Heavy gauge galvanized steel mounting frame • Heavy gauge die-formed aluminum socket housing

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

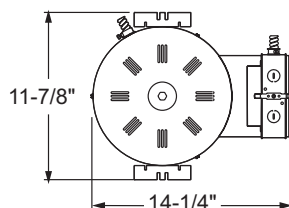
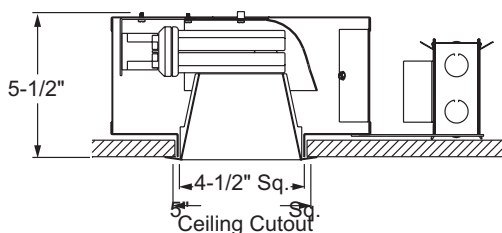
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FDSQ24-32E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FDSQ24	32	E	SATSF	825
FDSQ24	26 32	E-Electronic Universal Voltage	Alzak® Satin Finish Options SATSF ¹ -Clear CGTSF ¹ -Champagne Gold BATSF ¹ -Black PATSF ¹ -Pewter WTTSF ¹ -Wheat BRTSF ¹ -Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) LD ¹ -Dimming Ballast, Lutron Compact SE AD ¹ -Dimming Ballast, Advance Mark 10" D7-Dimming Ballast, Advance Mark 7" BP-Emergency Battery Pack with Remote Test Switch HP-High Lumen Emergency Battery Pack with Remote Test Switch ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

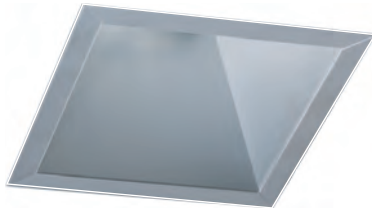
Dimensions



¹ Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)



Description

Horizontal lamp design provides wide distribution in a shallow profile with good brightness control. Square aperture blends well with most architecture.

Features

Upper Reflector Finish is specular clear Alzak® standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Heavy gauge galvanized steel mounting frame • Heavy gauge die-formed aluminum socket housing

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

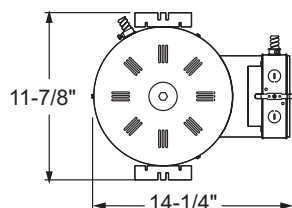
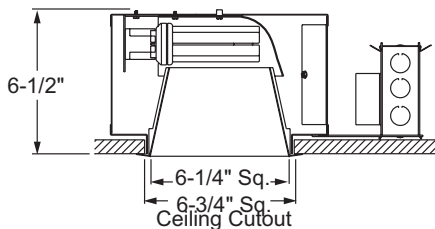
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FDSQ26-32E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FDSQ26	32	E	SATSF	825
FDSQ26	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SATSF [▲] -Clear CGTSF [▲] -Champagne Gold BATSF [▲] -Black PATSF [▲] -Pewter WTTSF [▲] -Wheat BRTSF [▲] -Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) LD [†] -Dimming Ballast, Lutron Compact SE AD [†] -Dimming Ballast, Advance Mark 10" D7-Dimming Ballast, Advance Mark 7" BP-1-120/277V Emergency Battery Pack with Remote Test Switch (For remote test switch specify - BP) HP-1-120/277V High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

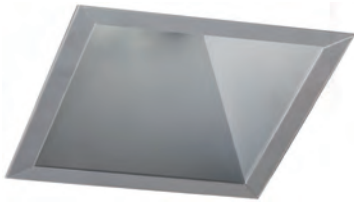
Dimensions



[†] Add a -1 for 120V, a -2 for 277V

[†] Consult Factory for Availability

[▲] For Specular Trim, remove "S" (Example: SATF)



Description

Horizontal lamp design provides wide distribution in a shallow profile with good brightness control. Square aperture blends well with most architecture.

Features

Upper Reflector Finish is specular clear Alzak® standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Heavy gauge galvanized steel mounting frame • Heavy gauge die-formed aluminum socket housing

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

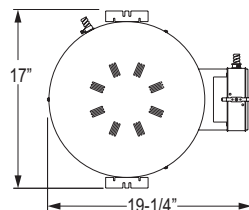
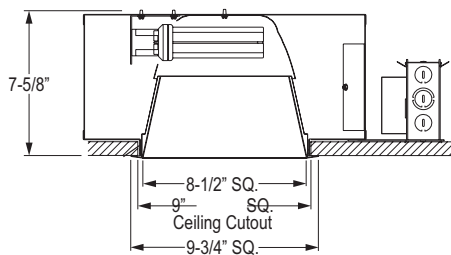
Lamp Shown with two (2) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FDSQ58-42E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FDSQ58	32	E	SATSF	825
FDSQ58	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SATSF [▲] -Clear CGTSF [▲] -Champagne Gold BATSF [▲] -Black PATSF [▲] -Pewter WTTSF [▲] -Wheat BRTSF [▲] -Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) LD [†] -Dimming Ballast, Lutron Compact SE AD [†] -Dimming Ballast, Advance Mark 10" D7-Dimming Ballast, Advance Mark 7" BP-1-120/277V Emergency Battery Pack with Remote Test Switch (For remote test switch specify - BP) HP-1-120/277V High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

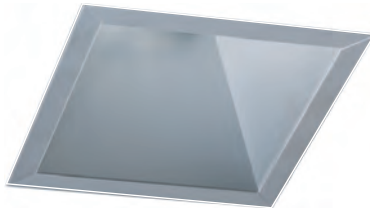
Dimensions



[†] Add a -1 for 120V, a -2 for 277V

[†] Consult Factory for Availability

[▲] For Specular Trim, remove "S" (Example: SATF)



Description

Horizontal lamp design provides wide distribution in a shallow profile with good brightness control. Square aperture blends well with most architecture.

Features

Reflector Self-flanged, clear Alzak® (SASF) satin reflector with low iridescent finish • Other Alzak® and painted finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Heavy gauge galvanized steel mounting frame • Heavy gauge die-formed aluminum socket housing

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

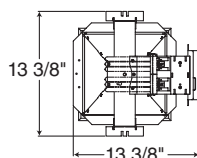
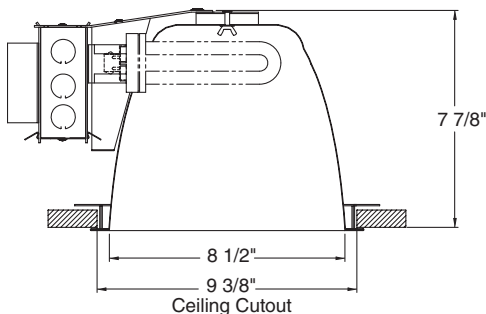
Lamp Shown with two (2) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: 23SQ58-42E-SASF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
23SQ58	42	E	SASF	825
23SQ58	32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SASF-Clear CGSF-Champagne Gold BASF-Black PASF-Pewter WTSF-Wheat BRSF-Bronze Painted Finish Options WHF-White Cone	PF-Painted Flange Only (white) LD¹-Dimming Ballast, Lutron Compact SE AD¹-Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ † BP-120/277V Emergency Battery Pack with Remote Test Switch † HP-120/277V High Lumen Emergency Battery Pack with Remote Test Switch ***F-Fuse and Fuse Holder (Where *** = voltage) † CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) † 347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability



Description

Architecturally pleasing rectangular aperture with prismatic lens delivers highly efficient, glare free general lighting.

Features

Lower Cone Self-flanged, clear Alzak® (SATSF) trim with low iridescent finish • Other Alzak® and painted finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Housing and end-plates are heavy gauge cold rolled steel for strength and rigidity • Pre-punched with knockouts and supplied with access plate for supply connection • Housing finish is baked white enamel with minimum reflectance of 89%

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

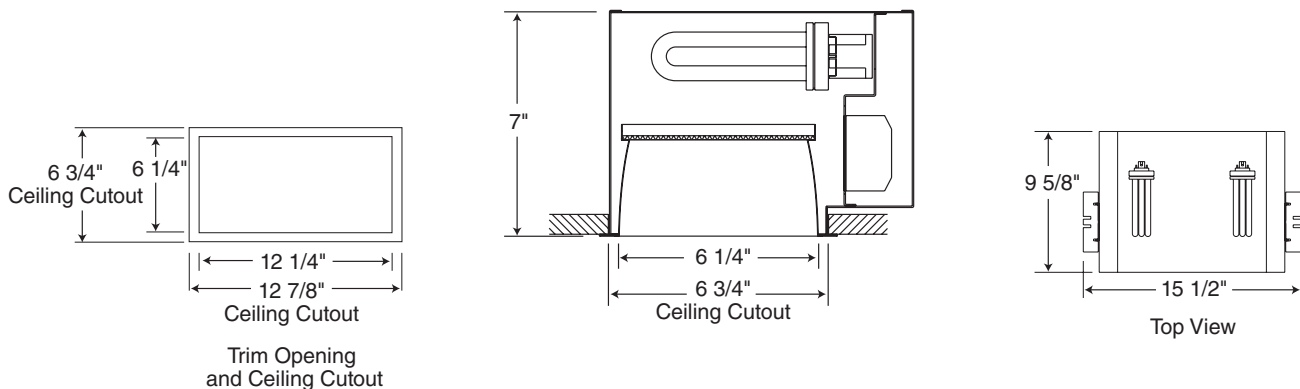
Lamp Shown with two (2) triple tube compact fluorescent lamp (by others) • Prismatic lamp shield

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: 23R56-42E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
23R56	42	E	SATSF	825
23R56	32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SATSF-Clear CGTSF-Champagne Gold BATSF-Black PATSF-Pewter WTTSF-Wheat BRTSF-Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) LD¹-Dimming Ballast, Lutron Compact SE AD¹-Dimming Ballast, Advance Mark 10" D7-Dimming Ballast, Advance Mark 7" † BP-120/277V Emergency Battery Pack with Remote Test Switch † HP-120/277V High Lumen Emergency Battery Pack with Remote Test Switch ***F-Fuse and Fuse Holder (Where *** = voltage) † CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) † 347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability



Description

Architecturally pleasing rectangular aperture with prismatic lens delivers high efficiency and good glare control for general lighting.

Features

Reflector Hammertone, specular clear low iridescent aluminum • Protective film dust guard

Lower Cone Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish • Other Alzak® and painted finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Housing and end-plates are heavy gauge die-formed cold rolled steel for strength and rigidity • Housing finish is baked white enamel • Heavy gauge steel mounting frame with black finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

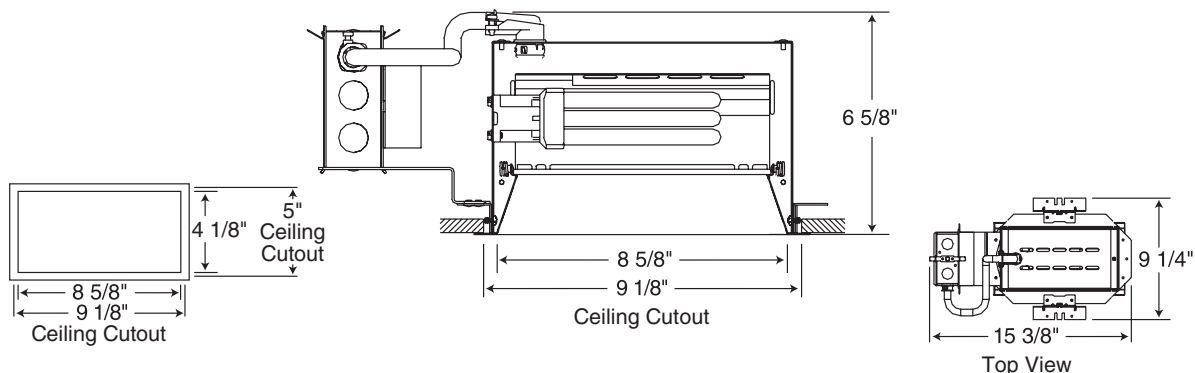
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others) • Prismatic lamp shield

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: 23R24-42E-SATSF-PGL-825

Model	Lamp Wattage	Ballast	Trim Options	Lens Type	Options
23R24	42	E	SATSF	PGL	825
23R24	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SATSF-Clear CGTSF-Champagne Gold BATSF-Black PATSF-Pewter WTTSF-Wheat BRTSF-Bronze Painted Finish Options WHTF-White Cone	PGL-Prismatic Glass (Std.)	PF-Painted Flange Only (white) LD ¹ -Dimming Ballast, Lutron Compact SE AD ¹ -Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ †BP-Emergency Battery Pack with Remote Test Switch †HP-High Lumen Emergency Battery Pack with Remote Test Switch ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability



Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features

Upper Reflector Finish is specular clear Alzak® standard
 • Kicker reflector finish is linear spread specular aluminum standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

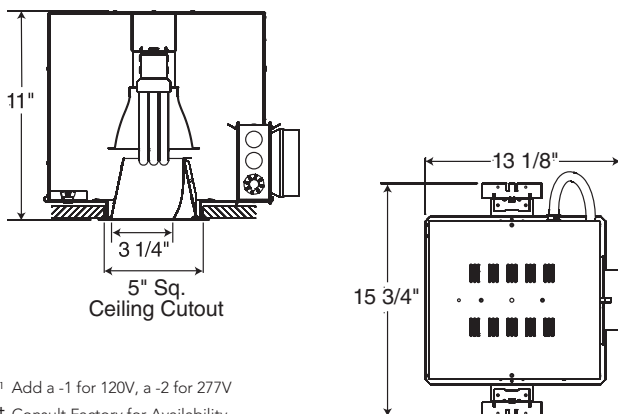
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FWSQ14-32E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FWSQ14	32	E	SATSF	825
FWSQ14	26 32	E-Electronic Universal Voltage	Alzak® Satin Finish Options SATSF [▲] -Clear CGTSF [▲] -Champagne Gold BATSF [▲] -Black PATSF [▲] -Pewter WTTSF [▲] -Wheat BRTSF [▲] -Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) LD [†] -Dimming Ballast, Lutron Compact SE AD [†] -Dimming Ballast, Advance Mark 10" D7-Dimming Ballast, Advance Mark 7" BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



[†] Add a -1 for 120V, a -2 for 277V

[†] Consult Factory for Availability

[▲] For Specular Trim, remove "S" (Example: SATF)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features

Upper Reflector Finish is specular clear Alzak® standard
 • Kicker reflector finish is linear spread specular aluminum standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P", HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

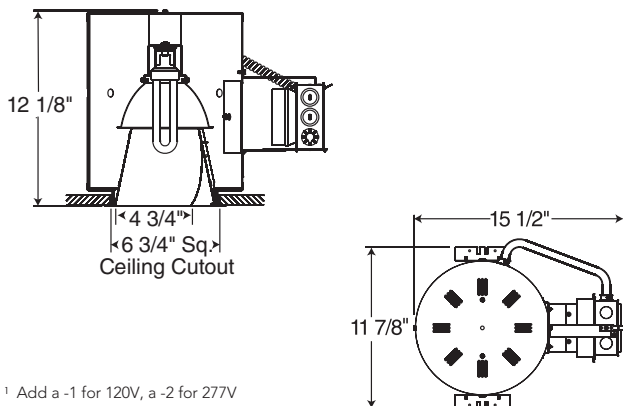
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FWSQ16-42E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FWSQ16	42	E	SATSF	825
FWSQ16	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SATSF [▲] -Clear CGTSF [▲] -Champagne Gold BATSF [▲] -Black PATSF [▲] -Pewter WTTSF [▲] -Wheat BRTSF [▲] -Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) LD [†] -Dimming Ballast, Lutron Compact SE AD [†] -Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



[†] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features

Upper Reflector Finish is specular clear Alzak® standard
• Kicker reflector finish is diffused aluminum standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

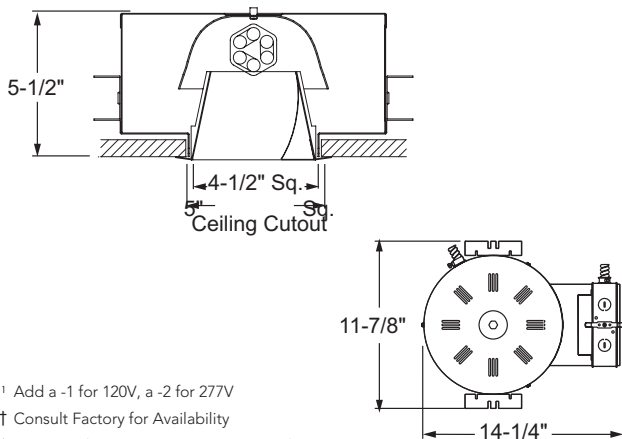
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FWSQ24-32E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FWSQ24	32	E	SATSF	825
FWSQ24	26 32	E-Electronic Universal Voltage	Alzak® Satin Finish Options SATSF [▲] -Clear CGTSF [▲] -Champagne Gold BATSF [▲] -Black PATSF [▲] -Pewter WTTSF [▲] -Wheat BRTSF [▲] -Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) LD [†] -Dimming Ballast, Lutron Compact SE AD [†] -Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ BP-Emergency Battery Pack with Remote Test Switch HP-High Lumen Emergency Battery Pack with Remote Test Switch ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



[†] Add a -1 for 120V, a -2 for 277V

[†] Consult Factory for Availability

[▲] For Specular Trim, remove "S" (Example: SATF)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features

Upper Reflector Finish is specular clear Alzak® standard
• Kicker reflector finish is diffused aluminum standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

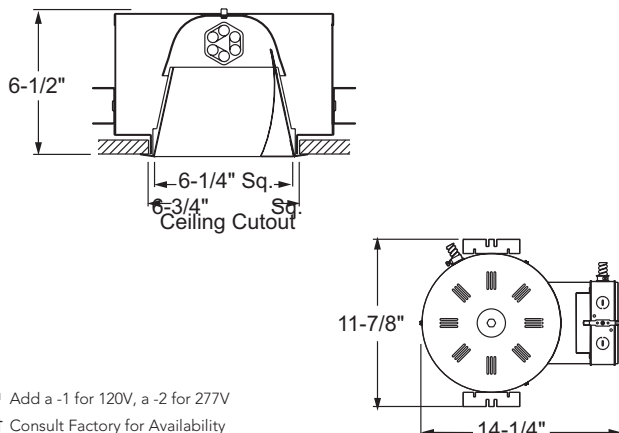
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FWSQ26-32E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FWSQ26	32	E	SATSF	825
FWSQ26	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SATSF [▲] -Clear CGTSF [▲] -Champagne Gold BATSF [▲] -Black PATSF [▲] -Pewter WTTSF [▲] -Wheat BRTSF [▲] -Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) LD [†] -Dimming Ballast, Lutron Compact SE AD [†] -Dimming Ballast, Advance Mark 10" D7-Dimming Ballast, Advance Mark 7" BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



[†] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features

Upper Reflector Finish is specular clear Alzak® standard
 • Kicker reflector finish is diffused aluminum standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Heavy gauge galvanized steel mounting frame
 • Heavy gauge die-formed aluminum socket housing

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

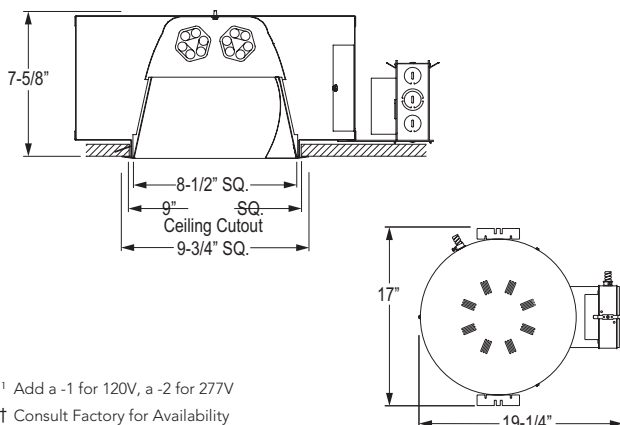
Lamp Shown with two (2) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: FWSQ58-42E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
FWSQ58	32	E	SATSF	825
FWSQ58	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SATSF [▲] -Clear CGTSF [▲] -Champagne Gold BATSF [▲] -Black PATSF [▲] -Pewter WTTSF [▲] -Wheat BRTSF [▲] -Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) LD [†] -Dimming Ballast, Lutron Compact SE AD [†] -Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

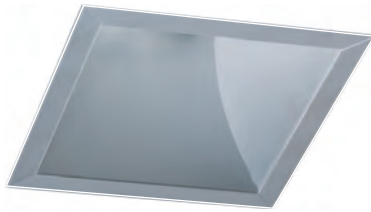
Dimensions



[†] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)



Description

Horizontal lamp design provides wide, striation-free wall washing in a shallow profile. Square aperture blends well with most architecture.

Features

Reflector Self-flanged, clear Alzak® (SASF) satin wall wash reflector with low iridescent finish • Other Alzak® and painted finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Heavy gauge galvanized steel mounting frame • Heavy gauge die-formed aluminum socket housing

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

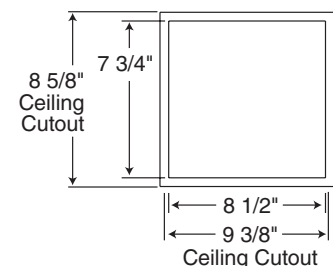
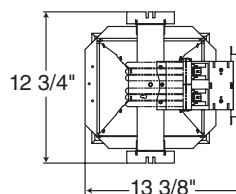
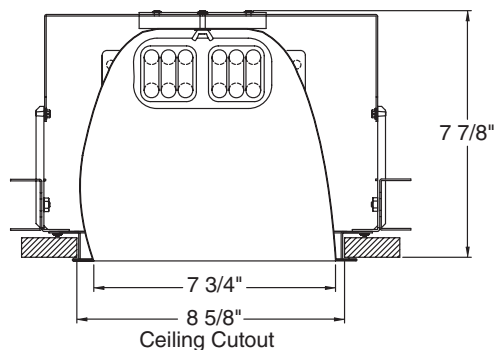
Lamp Shown with two (2) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: 25SQ58-42E-SASF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
25SQ58	42	E	SASF	825
25SQ58	32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SASF-Clear CGSF-Champagne Gold BASf-Black PASf-Pewter WTSf-Wheat BRSf-Bronze Painted Finish Options WHF-White Cone	PF-Painted Flange Only (white) LD¹-Dimming Ballast, Lutron Compact SE AD¹-Dimming Ballast, Advance Mark 10" D7-Dimming Ballast, Advance Mark 7" BP-Emergency Battery Pack with Remote Test Switch HP-High Lumen Emergency Battery Pack with Remote Test Switch ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability



Description

Architecturally pleasing rectangular aperture with prismatic lens provides striation-free wall washing.

Features

Wall Wash Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish • Other Alzak® and painted finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Housing and end-plates are heavy gauge cold rolled steel for strength and rigidity • Pre-punched with knockouts and supplied with access plate for supply connection • Housing finish is baked white enamel with minimum reflectance of 89%

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

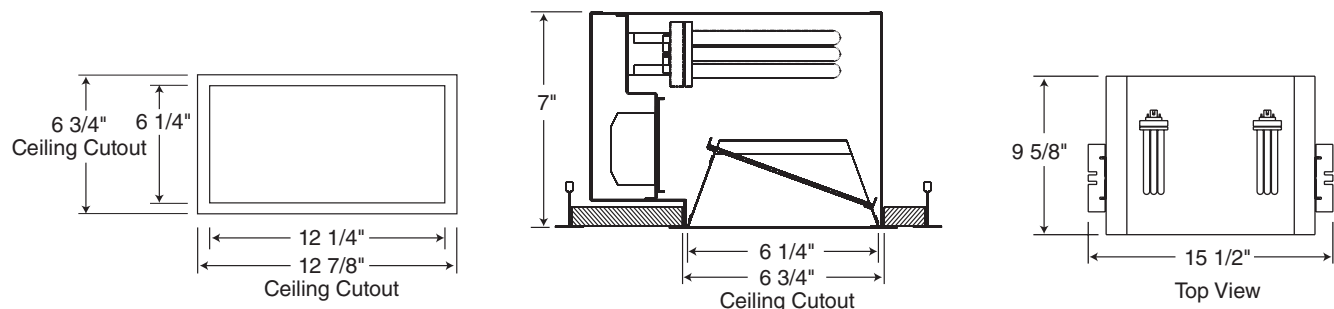
Lamp Shown with two (2) triple tube compact fluorescent lamp (by others) • Prismatic lamp shield

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: 25R56-42E-SATSF-825

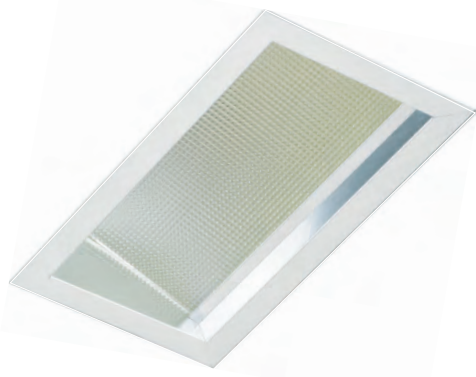
Model	Lamp Wattage	Ballast	Trim Options	Options
25R56	42	E	SATSF	825
25R56	32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SATSF-Clear CGTSF-Champagne Gold BATSF-Black PATSF-Pewter WTTSF-Wheat BRTSF-Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) LD ¹ -Dimming Ballast, Lutron Compact SE AD ¹ -Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ †BP-Emergency Battery Pack with Remote Test Switch †HP-High Lumen Emergency Battery Pack with Remote Test Switch ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability



Description

Architecturally pleasing rectangular aperture with prismatic lens provides striation-free wall washing.

Features

Reflector Specular clear Alzak® satin finish

Lower Cone Self-flanged, clear Alzak® (SATSF) satin wall wash trim with low iridescent finish • Other Alzak® and painted finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Housing and end-plates are heavy gauge die-formed cold rolled steel for strength and rigidity • Housing finish is baked white enamel • Heavy gauge steel mounting frame with black finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

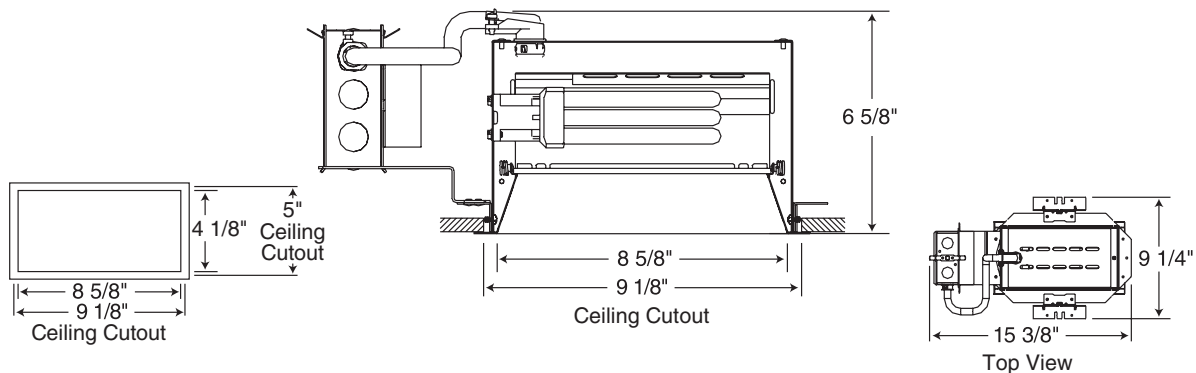
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others) • Prismatic lamp shield

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: 25R24-42E-SATSF-PGL-825

Model	Lamp Wattage	Ballast	Trim Options	Lens Type	Options
25R24	42	E	SATSF	PGL	825
25R24	26 32 42	E-Electronic Universal Voltage	Alzak® Satin Finish Options SATSF-Clear CGTSF-Champagne Gold BATSF-Black PATSF-Pewter WTTSF-Wheat BRTSF-Bronze Painted Finish Options WHTF-White Cone	PGL-Prismatic Glass (Std.)	PF-Painted Flange Only (white) LD ¹ -Dimming Ballast, Lutron Compact SE AD ¹ -Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ †BP-Emergency Battery Pack with Remote Test Switch †HP-High Lumen Emergency Battery Pack with Remote Test Switch ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability



Description

Specialized kicker reflector provides very wide, striation-free wall wash distribution.

Features

Reflector Semi-specular clear pre-anodized aluminum with low iridescent finish • Other Alzak® finishes are available; see options • Protective film dust guard

Electrical Ballast: universal voltage, electronic solid state, class "P", HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Housing and end-plates are heavy gauge die-formed cold rolled steel for strength and rigidity • Housing finish is baked white enamel • Heavy gauge galvanized steel mounting frame • Heavy gauge steel trim flange designed to conceal ceiling cutout. Finish to be matte white baked enamel

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars

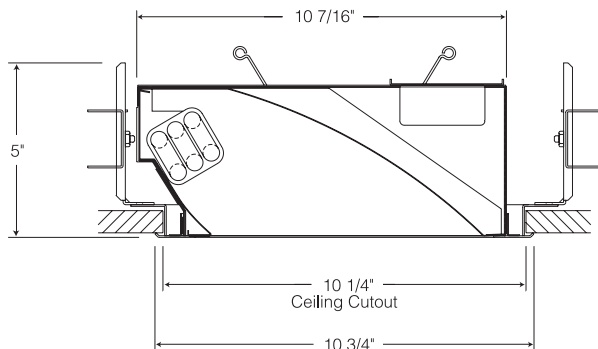
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

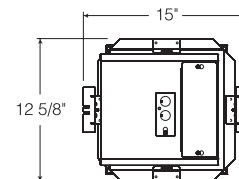
Ordering Information Example: 25SQ21-42E-SA-825

Model	Lamp Wattage	Ballast	Trim Options	Options
25SQ21	42	E	SA	825
25SQ21	42 57 70	E-Electronic Universal Voltage	Alzak® Clear Finish Options SA-Clear CG-Champagne Gold BA-Black PA-Pewter WT-Wheat BR-Bronze	LD ¹ -Dimming Ballast, Lutron Compact SE AD ¹ -Dimming Ballast, Advance Mark 10" D7-Dimming Ballast, Advance Mark 7" †BP-I-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) †HP-I-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



Ceiling Cutout:
10 7/8" x 10 1/4"



¹ Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability



Description

Specialized kicker reflector provides very wide, striation-free wall wash distribution.

Features

- Reflector** Non-iridescent specular clear aluminum
- Protective film dust guard

Electrical Ballast: universal voltage, electronic solid state, class "P", HPF • Lamp holder: 2G11 base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Housing and end-plates are heavy gauge die-formed cold rolled steel for strength and rigidity • Housing finish is baked white enamel

Mounting T-Bar: End brackets rest on T-bar. Side rails support lay-in tile. Bracket is set for standard 1 1/2" T-bar. Drywall: Drywall frame mounts in ceiling; framed by others. Fixture lies in drywall frame

Lamp Shown with one (1) long twin tube fluorescent lamp (by others) • Prismatic lamp shield

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

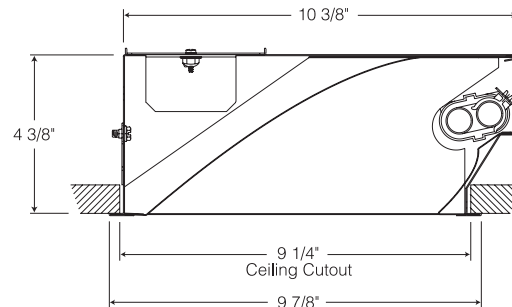
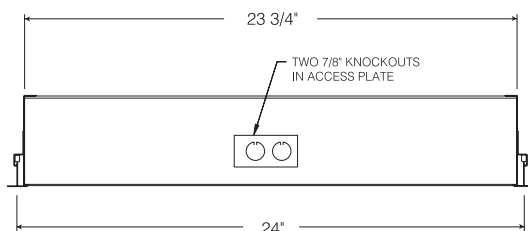
Ordering Information Example: 25R71-40E-SA-DWF

Model	Lamp Wattage	Ballast	Trim Options	Options
25R71	40	E	SA	DWF
25R71	40-40W PL-L; DULUX-40; F40BX 50-50W PL-L; F50BX 55-55W DULUX-L55 80-80W PL-L80	E-Electronic Universal Voltage	Alzak® Clear Finish Options SA-Clear CG-Champagne Gold BA-Black PA-Pewter WT-Wheat BR-Bronze	LD ¹ -Dimming Ballast, Lutron Compact SE AD ¹ -Dimming Ballast, Advance Mark 10™ D7-Dimming Ballast, Advance Mark 7™ ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval DWF-Drywall Frame †347-347 Volt

Accessories

- DWF-Drywall Frame (white)
DWF-BL-Drywall Frame (black)

Dimensions



¹ Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability



Description

Specialized kicker reflector provides very wide, striation-free wall wash distribution.

Features

Reflector Non-iridescent specular clear aluminum
 • Protective film dust guard

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: miniature bi-pin T-5 base, white hi-strength thermoplastic

Mechanical Housing and end-plates are heavy gauge die-formed cold rolled steel for strength and rigidity • Housing finish is baked white enamel

Mounting T-Bar: End brackets rest on T-bar. Side rails support lay-in tile. Bracket is set for standard 1 1/2" T-bar. Drywall: Drywall frame mounts in ceiling; framed by others. Fixture lies in drywall frame

Lamp Shown with two (2) 24-watt T-5 fluorescent lamp (by others) • One-lamp version is available; see options

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

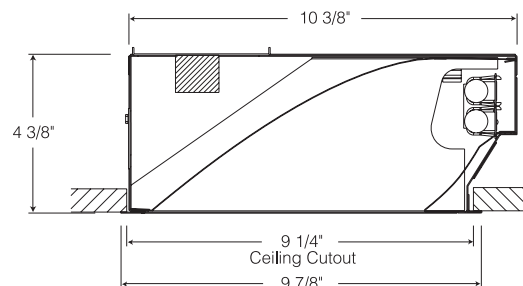
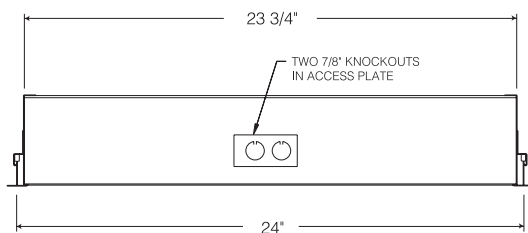
Ordering Information Example: 25R91-24E-SA-1L

Model	Lamp Wattage	Ballast	Trim Options	Options
25R91	24	E	SA	1L
25R91	24	E-Electronic Universal Voltage	Alzak® Clear Finish Options SA-Clear CG-Champagne Gold BA-Black PA-Pewter WT-Wheat BR-Bronze	1L-Single Lamp DB-Dimming Ballast (Consult Factory) ***F-Fuse and Fuse Holder (Where *** = voltage) CP-Chicago Plenum Approval (Consult factory for availability)

Accessories

DWF-Drywall Frame (white)
 DWF-BL-Drywall Frame (black)

Dimensions



¹ Add a -1 for 120V, a -2 for 277V
 † Consult Factory for Availability



Helzberg Diamonds; Mark Steele Photography



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® flood reflector is standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts. 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

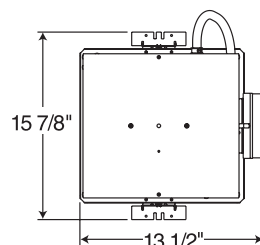
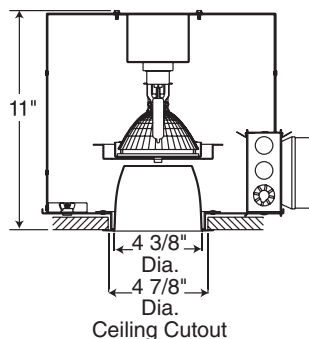
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HD74-39E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HD74	39	E	SACSF	825
HD74	20 39 70	E-Electronic Universal Voltage (120/277V)	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSE-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



Accessories

To specify, order as additional item.
Example: SCA4-20

SCA4-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

† Consult Factory for Availability



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® flood reflector is standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts. 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

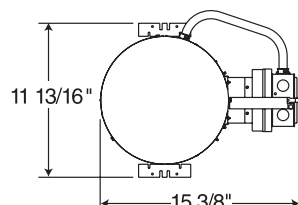
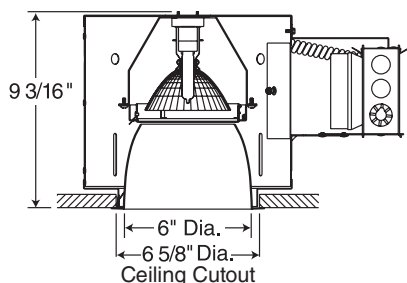
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HD76-39E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HD76	39	E	SACSF	825
HD76	20 39 70	E-120/277V Electronic	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSE-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



Accessories

To specify, order as additional item.
Example: SCA6-20

SCA6-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

† Consult Factory for Availability



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® flood reflector is standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

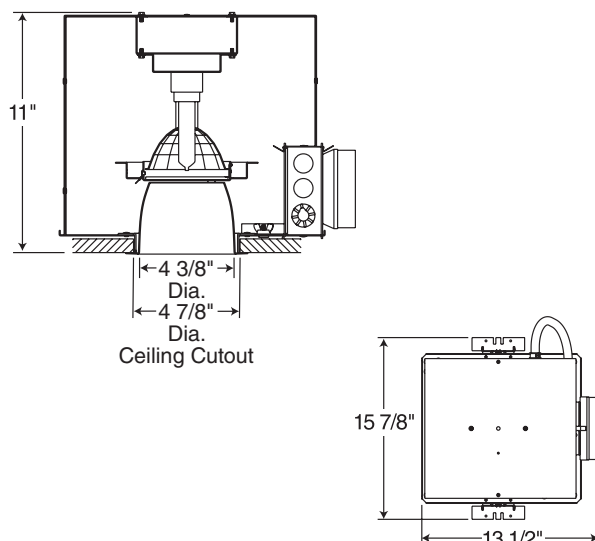
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HD54-39E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HD54	39	E	SACSF	825
HD54	20 39 70	E-120/277V Electronic	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSF-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



Accessories

To specify, order as additional item.
Example: SCA4-20

SCA4-[*]-Sloped Ceiling Adapter

(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

† Consult Factory for Availability



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® flood reflector is standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

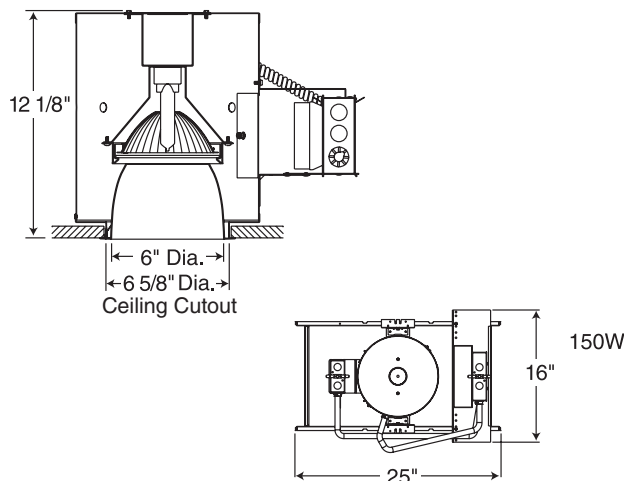
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HD56-70E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HD56	70	E	SACSF	825
HD56	20 39 70 ⓔ 150	E-120/277V Electronic (20/39/70W only) E1-120V Electronic (150W only) E2-277V Electronic (150W only)	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSE-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions

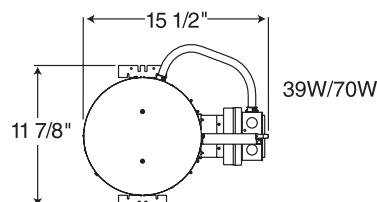


Accessories

To specify, order as additional item.
Example: SCA6-20

SCA6-[*]-Sloped Ceiling Adapter

(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)



† Consult Factory for Availability

ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® flood reflector is standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® and satin finishes are available; see options

Electrical Ballast: Universal 120/277 Volt electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix -825 for 28" "C" channel mounting bars • 3/4" Maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

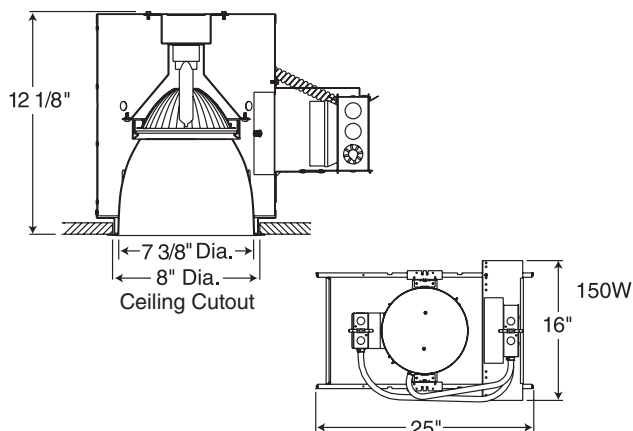
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

Ordering Information Example: HD58-70E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HD58	70	E	SACSF	825
HD58	39 70 ⓔ 150	E-120/277V Electronic (39/70W only) E1-120V Electronic (150W only) E2-277V Electronic (150W only)	Alzak® Satin Finish Options SACSF-Clear (std) CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSF-Wheat BRCSE-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

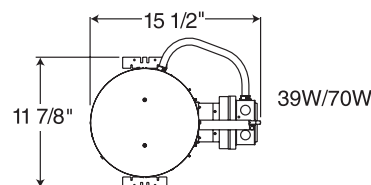
Dimensions



Accessories

To specify, order as additional item.
Example: SCA8-20

SCA8-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)



† Consult Factory for Availability

ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277 Volt electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

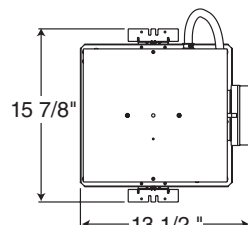
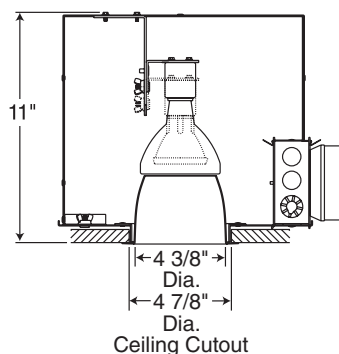
Lamp Shown with PAR20 and PAR30 metal halide lamps (by others) • Adjustable socket can be lowered to accommodate PAR20 lamp

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HDB4-39E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HDB4	39	E	SACSF	825
HDB4	39-39W, PAR20/30 70-70W, PAR30	E-120/277V Electronic	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSE-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



Accessories

To specify, order as additional item.
Example: SCA4-20

SCA4-[*]-Sloped Ceiling Adapter

(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

† Consult Factory for Availability



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

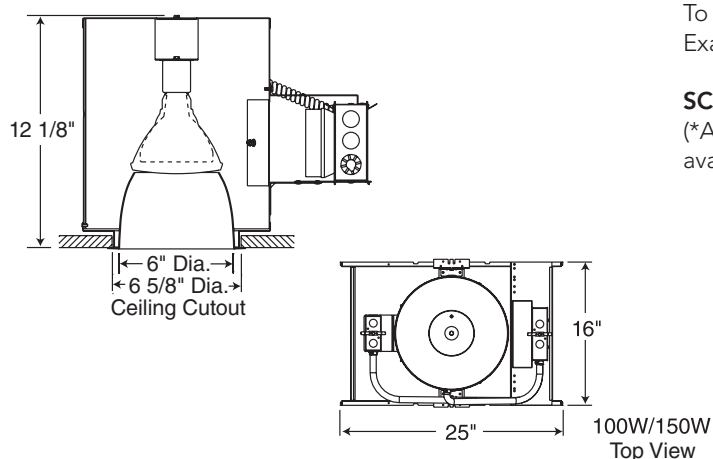
Lamp Shown with PAR30 and PAR38 metal halide lamps (by others)

Listing UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

Ordering Information Example: HDB6-70E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HDB6	70	E	SACSF	825
HDB6	39-39W, PAR30 70-70W, PAR30/38 100-100W, PAR38 Ⓢ 150-150W, PAR38	E-120/277V Electronic (39/70/100W only) E1-120V Electronic (150W only) E2-277V Electronic (150W only)	Alzak® Satin Finish Options SACSF-Clear (std) CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSF-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions

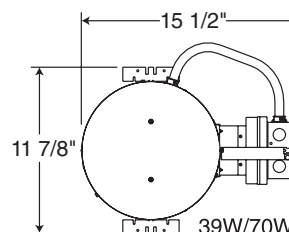


Accessories

To specify, order as additional item.
Example: SCA6-20

SCA6-[*]-Sloped Ceiling Adapter

(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)



† Consult Factory for Availability

Ⓢ Indicates that the product meets DOE energy efficient standards - EISA compliant.



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

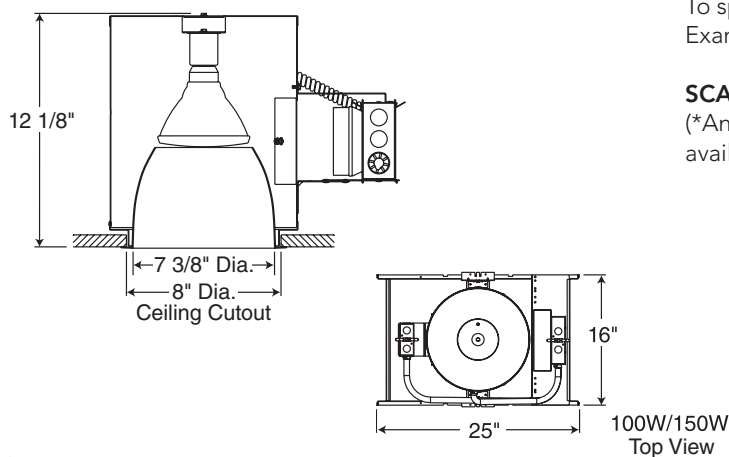
Lamp Shown with PAR38 metal halide lamp (by others)

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

Ordering Information Example: HDB8-70E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HDB8	70	E	SACSF	825
HDB8	39-39W, PAR30 70-70W, PAR30/38 100-100W, PAR38 Ⓢ 150-150W, PAR38	E-120/277V Electronic (39/70/100W only) E1-120V Electronic (150W only) E2-277V Electronic (150W only)	Alzak® Satin Finish Options SACSF-Clear (std) CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSE-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



Accessories

To specify, order as additional item.
Example: SCA8-20

SCA8-[*]-Sloped Ceiling Adapter

(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

† Consult Factory for Availability

Ⓢ Indicates that the product meets DOE energy efficient standards - EISA compliant.



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Medium flood reflector is available; see options

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts 1A, 750V, rated for 5kV pulse

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

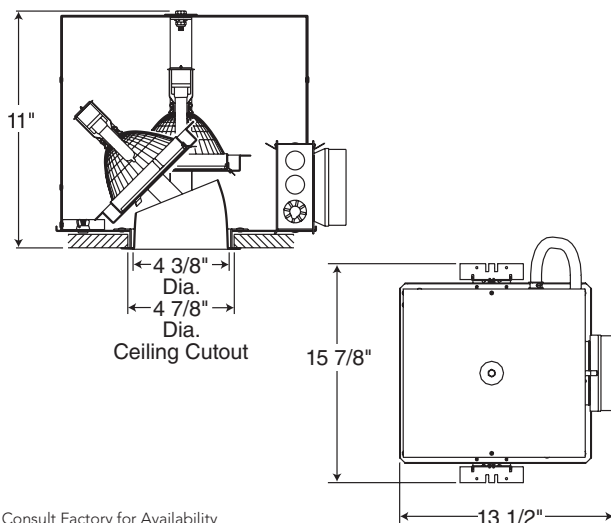
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HA74-39E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HA74	39	E	SACSF	825
HA74	20 39 70	E-120/277V Electronic	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSF-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) MFL-Medium Flood Reflector ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



† Consult Factory for Availability

Accessories

To specify, order as additional item.
Example: 853-LVR-CF-B

853-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

B - Green

LVR-Louver



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Medium flood reflector is available; see options

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts 1A, 750V, rated for 5kV pulse

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

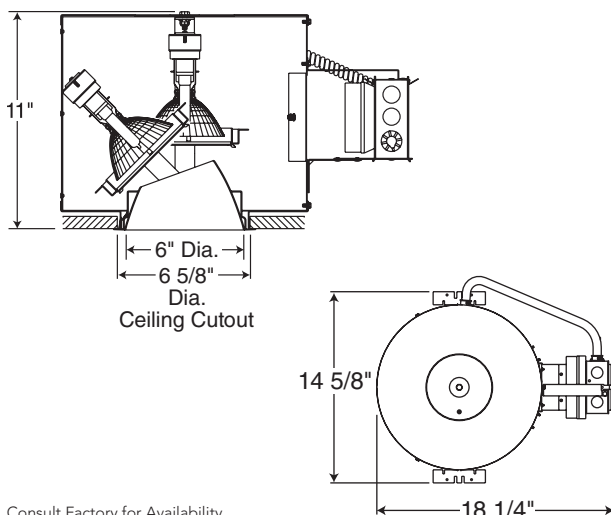
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HA76-39E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HA76	39	E	SACSF	825
HA76	20 39 70	E-120/277V Electronic	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSF-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt MFL-Medium Flood Reflector

Dimensions



† Consult Factory for Availability

Accessories

To specify, order as additional item.
Example: 856-LVR-CF-B

856-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

B - Green

LVR-Louver



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Other reflector options are available; see options

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kV pulse

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

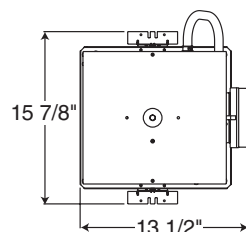
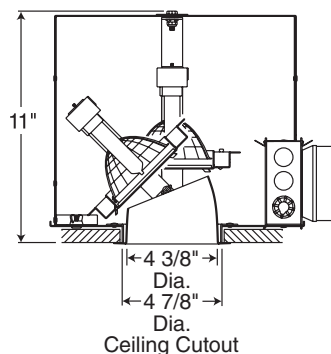
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HA54-39E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HA54	39	E	SACSF	825
HA54	20 39 70	E-120/277V Electronic	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSF-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt MFL-Medium Flood Reflector FL-Flood Reflector

Dimensions



† Consult Factory for Availability

Accessories

To specify, order as additional item.
Example: 852-LVR-CF-B

852-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

B - Green

LVR-Louver



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Other reflector options are available; see options

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard
• Lamp holder: G12 socket base with heavy duty recessed female contacts. 660W, 600V, rated for 5kV pulse

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

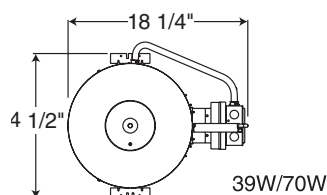
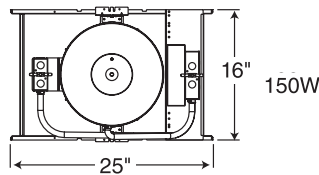
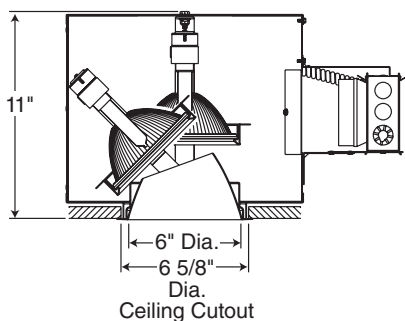
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

Ordering Information Example: HA56-70E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HA56	70	E	SACSF	825
HA56	20 39 70 Ⓢ 150	E-120/277V Electronic (20/39/70W only) E1-120V Electronic (150W only) E2-277V Electronic (150W only)	Alzak® Satin Finish Options SACSF-Clear (std) CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSE-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt MFL-Medium Flood Reflector FL-Flood Reflector

Dimensions



† Consult Factory for Availability

Ⓢ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories

To specify, order as additional item.
Example: 855-LVR-CF-B

855-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

B - Green

LVR-Louver



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Other reflector options are available; see options

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts 660W, 600V, rated for 5kV pulse

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

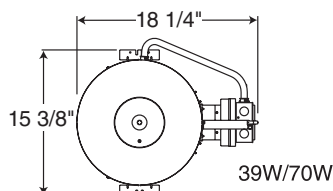
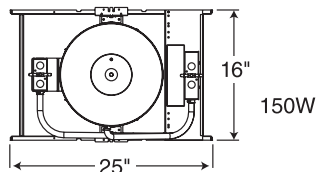
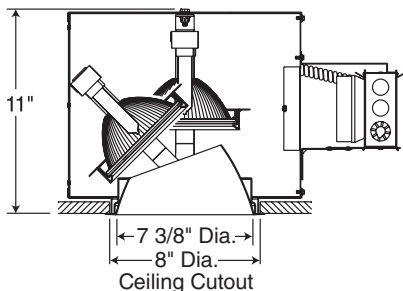
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

Ordering Information Example: HA58-70E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HA58	70	E	SACSF	825
HA58	39 70 Ⓢ 150	E-120/277V Electronic (39/70W only) E1-120V Electronic (150W only) E2-277V Electronic (150W only)	Alzak® Satin Finish Options SACSF-Clear (std) CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSE-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt MFL-Medium Flood Reflector FL-Flood Reflector

Dimensions



† Consult Factory for Availability

Ⓢ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories

To specify, order as additional item.
Example: 855-LVR-CF-B

855-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

B - Green

LVR-Louver



Description

Internally adjustable accent light is designed for directional, focused lighting.

Features

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Yoke adjusts vertically to accommodate PAR20 or PAR30 lamps • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

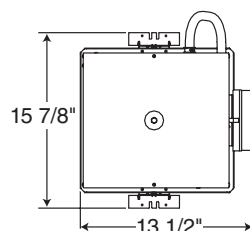
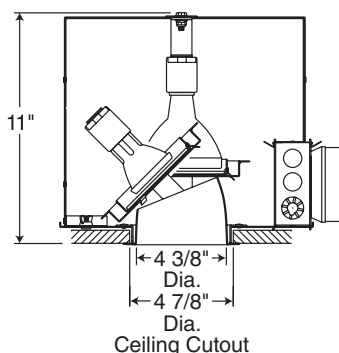
Lamp Shown with PAR20 and PAR30 lamps (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HAB4-39E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HAB4	39	E	SACSF	825
HAB4	39-39W, PAR20/30 70-70W, PAR30	E-120/277V Electronic	Alzak® Satin Finish Options SACSF-Clear CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSE-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



Accessories

To specify, order as additional item.
Example: 851-LVR-CF-B

851-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

B - Green

LVR-Louver

† Consult Factory for Availability



Description

Internally adjustable accent light is designed for directional, focused lighting.

Features

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

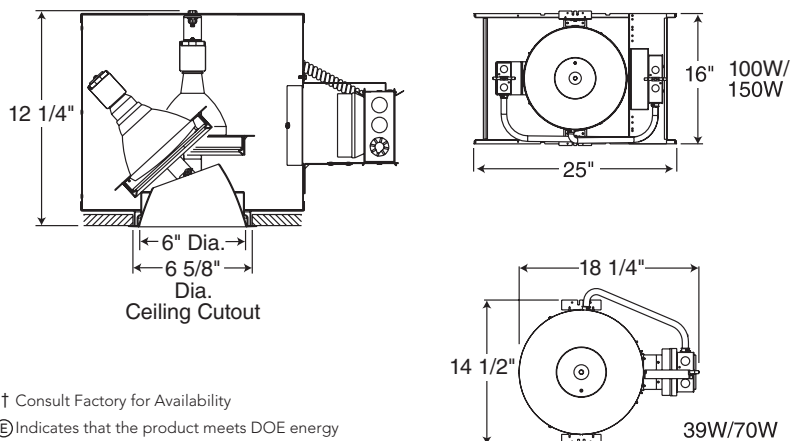
Lamp Shown with PAR38 lamp (by others)

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

Ordering Information Example: HAB6-70E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HAB6	70	E	SACSF	825
HAB6	39-39W, PAR30 70-70W, PAR30/38 100-100W, PAR38 ⑤ 150-150W, PAR38	E-120/277V Electronic (50/70/100W only) E1-120V Electronic (150W only) E2-277V Electronic (150W only)	Alzak® Satin Finish Options SACSF-Clear (std) CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSE-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



† Consult Factory for Availability

⑤ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories

To specify, order as additional item.
Example: 854-LVR-CF-B

854-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

B - Green

LVR-Louver



Description

Internally adjustable accent light is designed for directional, focused lighting.

Features

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

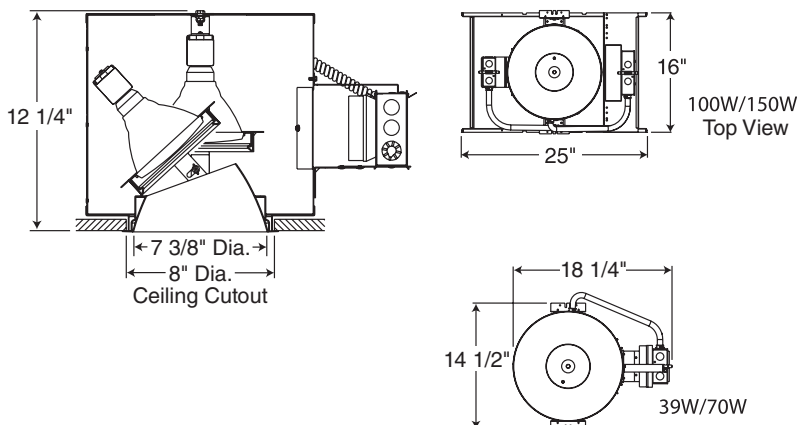
Lamp Shown with PAR38 lamp (by others)

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

Ordering Information Example: HAB8-70E-SACSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HAB8	70	E	SACSF	825
HAB8	39-39W, PAR30 70-70W, PAR30/38 100-100W, PAR38 ⓔ 150-150W, PAR38	E-120/277V Electronic (39/70/100W only) E1-120V Electronic (150W only) E2-277V Electronic (150W only)	Alzak® Satin Finish Options SACSF-Clear (std) CGCSF-Champagne Gold BACSF-Black PACSF-Pewter WTCSE-Wheat BRCSF-Bronze Painted Finish Options WHCF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



† Consult Factory for Availability

ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories

To specify, order as additional item.
Example: 854-LVR-CF-B

854-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

G - Green

LVR-Louver



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® reflector is standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts, 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

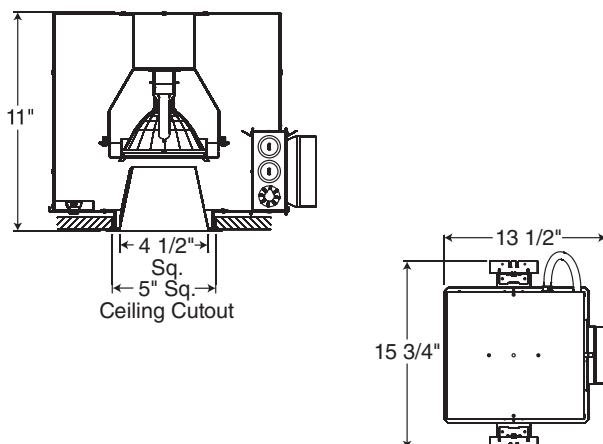
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HDSQ74-70E-SATSF-825

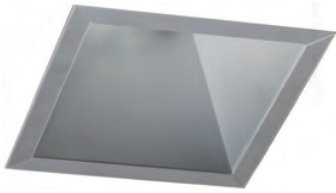
Model	Lamp Wattage	Ballast	Trim Options	Options
HDSQ74	70	E	SATSF	825
HDSQ74	20 39 70	E-120/277V Electronic	Alzak® Satin Finish Options SATSF ▲-Clear CGTSF ▲-Champagne Gold BATSF ▲-Black PATSF ▲-Pewter WTTSF ▲-Wheat BRTSF ▲-Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® reflector is standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts, 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

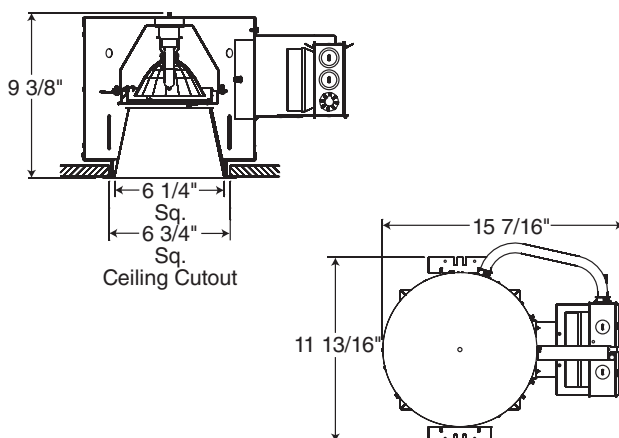
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HDSQ76-70E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HDSQ76	70	E	SATSF	825
HDSQ76	20 39 70	E-120/277V Electronic	Alzak® Satin Finish Options SATSF [▲] -Clear CGTSF [▲] -Champagne Gold BATSF [▲] -Black PATSF [▲] -Pewter WTTSF [▲] -Wheat BRTSF [▲] -Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® reflector is standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

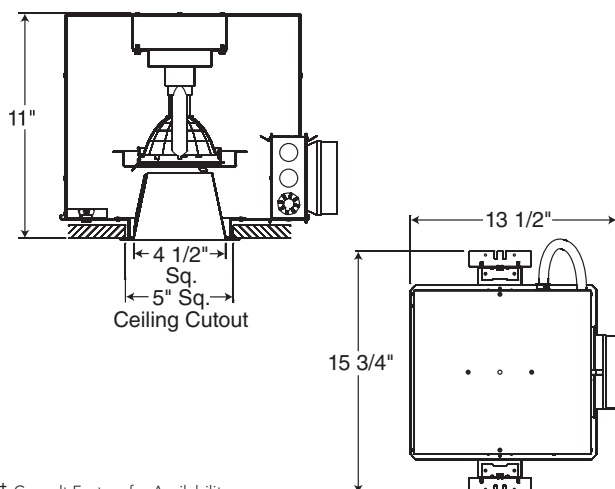
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HDSQ54-70E-SATSF-825

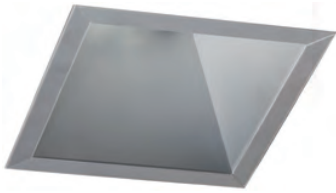
Model	Lamp Wattage	Ballast	Trim Options	Options
HDSQ54	70	E	SATSF	825
HDSQ54	20 39 70	E-120/277V Electronic	Alzak® Satin Finish Options SATSF [▲] -Clear CGTSF [▲] -Champagne Gold BATSF [▲] -Black PATSF [▲] -Pewter WTTSF [▲] -Wheat BRTSF [▲] -Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® reflector is standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

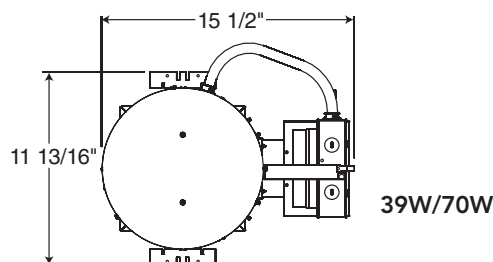
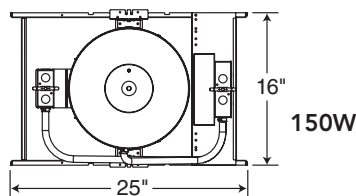
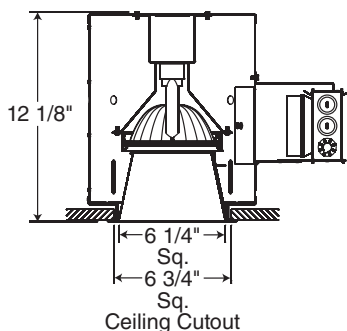
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HDSQ56-39E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HDSQ56	39	E	SATSF	825
HDSQ56	20 39 70 Ⓢ 150	E-120/277V Electronic (20/39/70W only) E1-120V Electronic (150W only) E2-277V Electronic (150W only)	Alzak® Satin Finish Options SATSF▲-Clear (std) CGTSF▲-Champagne Gold BATSF▲-Black PATSF▲-Pewter WTTSF▲-Wheat BRTSF▲-Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Ⓢ Indicates that the product meets DOE energy efficient standards - EISA compliant.



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

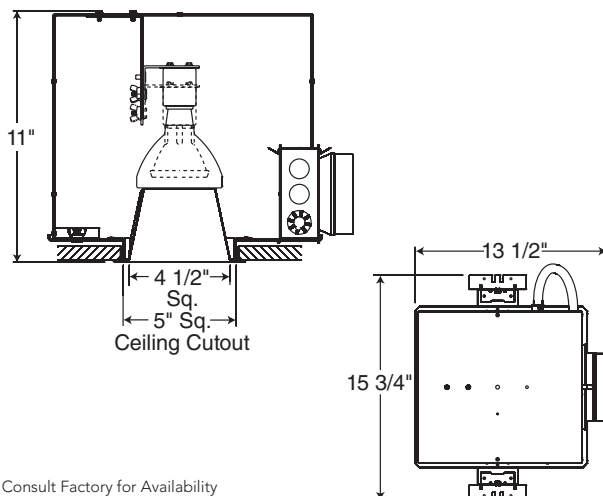
Lamp Shown with PAR20 and PAR30 metal halide lamp (by others) • Adjustable socket can be lowered to accommodate PAR20 lamp

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HDSQB4-39E-SATSF-825

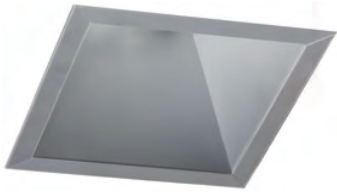
Model	Lamp Wattage	Ballast	Trim Options	Options
HDSQB4	39	E	SATSF	825
HDSQB4	39-39W, PAR20/30 70-70W, PAR30	E-120/277V Electronic	Alzak® Satin Finish Options SATSF▲-Clear CGTSF▲-Champagne Gold BATSF▲-Black PATSF▲-Pewter WTTSF▲-Wheat BRTSF▲-Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

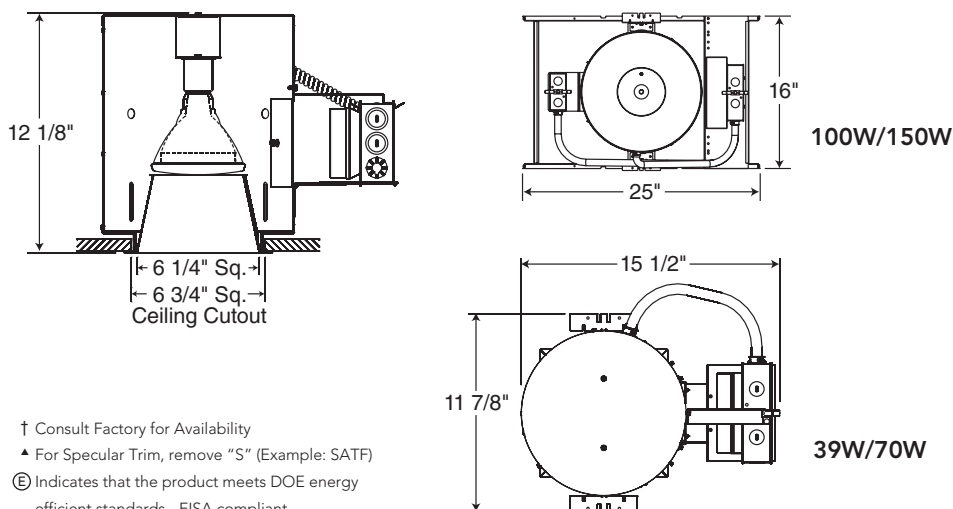
Lamp Shown with PAR30 and PAR38 metal halide lamp (by others)

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HDSQB6-150E1-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HDSQB6	150	E1	SATSF	825
HDSQB6	39-39W, PAR30 70-70W, PAR30/38 100-100W, PAR38 ⓔ 150-150W, PAR38	E-120/277V Electronic (39/70/100W only) E1-120V Electronic (150W only) E2-277V Electronic (150W only)	Alzak® Satin Finish Options SATSF▲-Clear (std) CGTSF▲-Champagne Gold BATSF▲-Black PATSF▲-Pewter WTTSF▲-Wheat BRTSF▲-Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) ‡347-347 Volt

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Medium flood reflector is available; see options

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts, 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish • Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

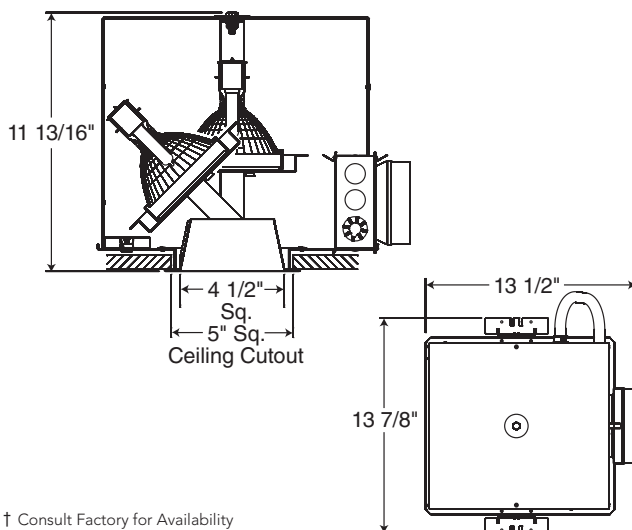
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HASQ74-70E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HASQ74	70	E	SATSF	825
HASQ74	20 39 70	E-120/277V Electronic	Alzak® Satin Finish Options SATSF [▲] -Clear CGTSF [▲] -Champagne Gold BATSF [▲] -Black PATSF [▲] -Pewter WTTSF [▲] -Wheat BRTSF [▲] -Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval MFL-Medium Flood Reflector 825-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Accessories

To specify, order as additional item.

Example: 853-LVR-CF-B

853-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

B - Green

LVR-Louver



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Medium flood reflector is available; see options

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts, 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish • Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

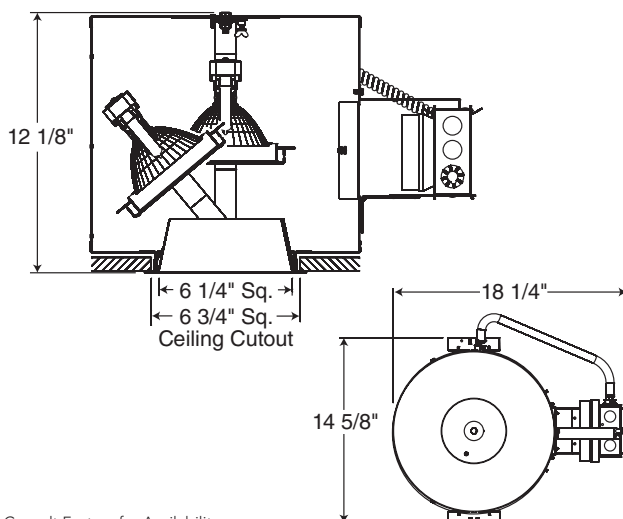
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HASQ76-70E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HASQ76	70	E	SATSF	825
HASQ76	20 39 70	E-120/277V Electronic	Alzak® Satin Finish Options SATSF ▲-Clear CGTSF ▲-Champagne Gold BATSF ▲-Black PATSF ▲-Pewter WTTSF ▲-Wheat BRTSF ▲-Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval MFL-Medium Flood Reflector 825-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Accessories

To specify, order as additional item.

Example: 852-LVR-CF-B

852-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

G - Green

LVR-Louver



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Other beam distributions are available; see options

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kv pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish • Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

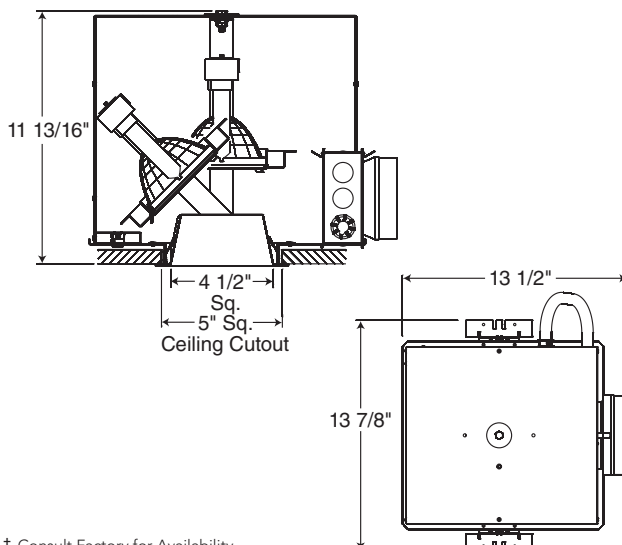
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HASQ54-70E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HASQ54	70	E	SATSF	825
HASQ54	20 39 70	E-120/277V Electronic	Alzak® Satin Finish Options SATSF ▲-Clear CGTSF ▲-Champagne Gold BATSF ▲-Black PATSF ▲-Pewter WTTSF ▲-Wheat BRTSF ▲-Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) FL-Flood Reflector MFL-Medium Flood Reflector ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Accessories

To specify, order as additional item.
Example: 852-LVR-CF-B

852-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

CF-Color Filter (specify color)

R - Red

P - Pink

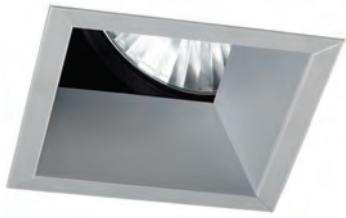
B - Light Blue

MB - Medium Blue

A - Amber

B - Green

LVR-Louver



Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Other beam distributions are available; see options

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish • Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

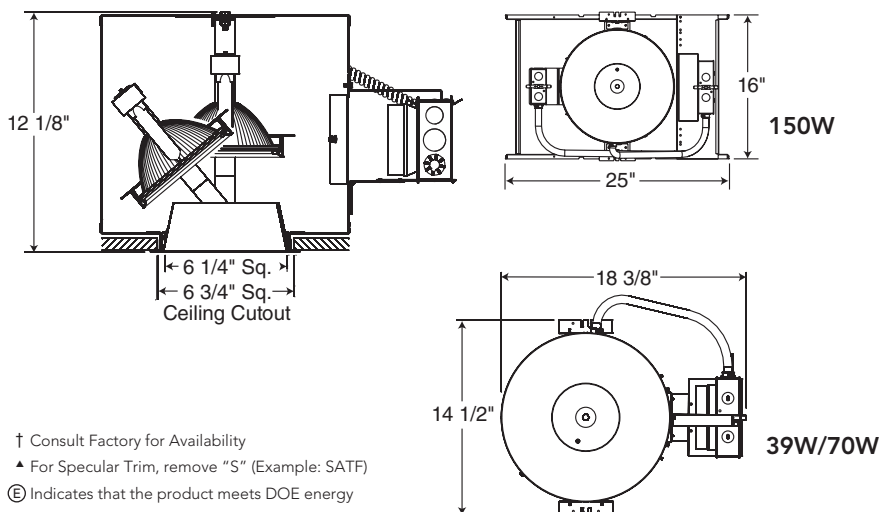
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HASQ56-39E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HASQ56	39	E	SATSF	825
HASQ56	20 39 70 ⓔ 150	E-120/277V Electronic (20/39/70W only) E1-120V Electronic (150W only) E2-277V Electronic (150W only)	Alzak® Satin Finish Options SATSF▲-Clear (std) CGTSF▲-Champagne Gold BATSF▲-Black PATSF▲-Pewter WTTSF▲-Wheat BRTSF▲-Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) FL-Flood Reflector MFL-Medium Flood Reflector ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



Accessories

To specify, order as additional item.
Example: 852-LVR-CF-B

852-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

B - Green

LVR-Louver



Description

Internally adjustable accent light is designed for directional, focused lighting.

Features

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Fixture housing is cold rolled steel with black baked enamel finish • Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

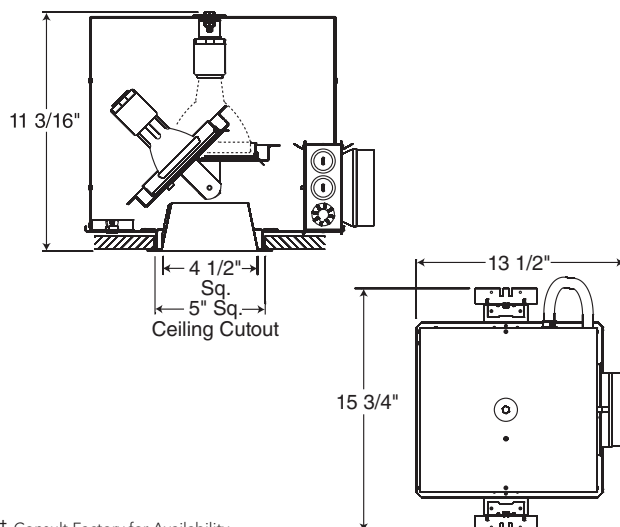
Lamp Shown with PAR20 and PAR30 metal halide lamp (by others) • Adjustable socket can be lowered to accommodate PAR20 lamp

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HASQB4-70E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HASQB4	70	E	SATSF	825
HASQB4	39-39W, PAR20/30 70-70W, PAR30	E-120/277V Electronic	Alzak® Satin Finish Options SATSF▲-Clear CGTSF▲-Champagne Gold BATSF▲-Black PATSF▲-Pewter WTTSF▲-Wheat BRTSF▲-Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Accessories

To specify, order as additional item.
Example: 851-LVR-CF-B

851-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

B - Green

LVR-Louver



Description

Internally adjustable accent light is designed for directional, focused lighting.

Features

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Fixture housing is cold rolled steel with black baked enamel finish • Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

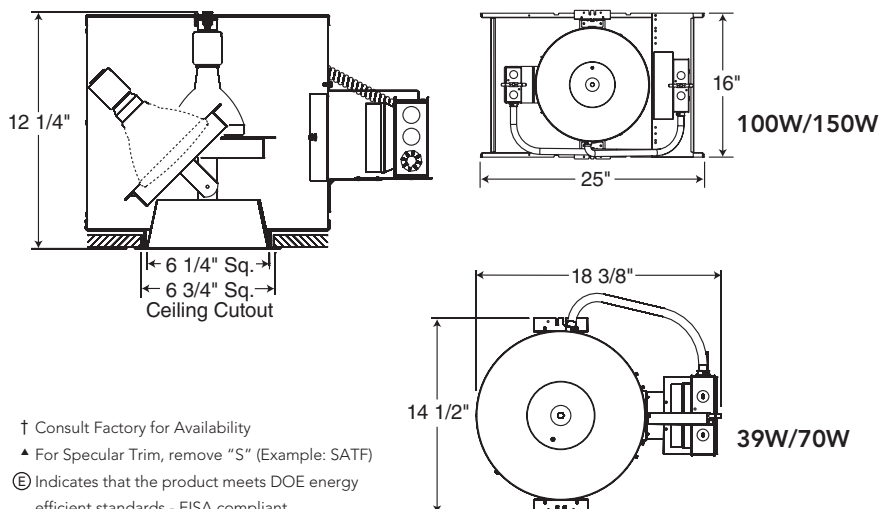
Lamp Shown with PAR30 and PAR38 metal halide lamp (by others)

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HASQB6-150E1-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HASQB6	150	E1	SATSF	825
HASQB6	39-39W, PAR30 70-70W, PAR30/38 100-100W, PAR38 Ⓢ 150-150W, PAR38	E-120/277V Electronic (39/70/100W only) E1-120V Electronic (150W only) E2-277V Electronic (150W only)	Alzak® Satin Finish Options SATSF ▲-Clear (std) CGTSF ▲-Champagne Gold BATSF ▲-Black PATSF ▲-Pewter WTTSF ▲-Wheat BRTSF ▲-Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Ⓢ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories

To specify, order as additional item.
Example: 854-LVR-CF-B

854-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

G - Green

LVR-Louver



Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker trim provides uniform, striation-free wash light with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features

Upper Reflector Faceted, specular clear Alzak® reflector is standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts, 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

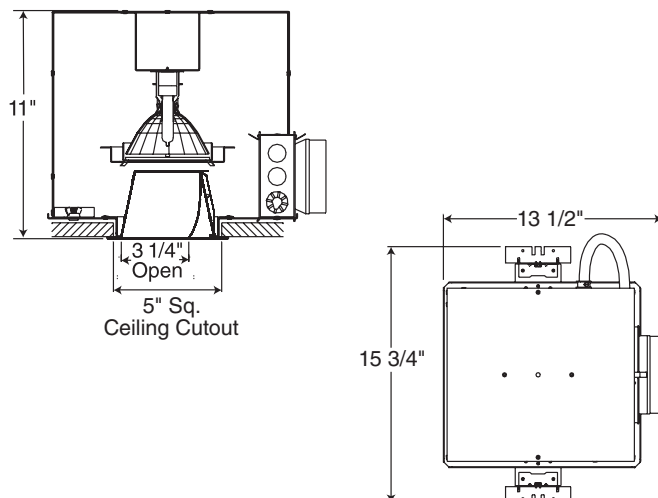
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HWSQ74-70E-SATSF-825

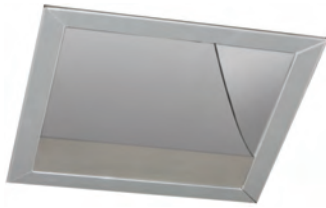
Model	Lamp Wattage	Ballast	Trim Options	Options
HWSQ74	70	E	SATSF	825
HWSQ74	20 39 70	E-120/277V Electronic	Alzak® Satin Finish Options SATSF ▲-Clear CGTSF ▲-Champagne Gold BATSF ▲-Black PATSF ▲-Pewter WTTSF ▲-Wheat BRTSF ▲-Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker trim provides uniform, striation-free wash light with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features

Upper Reflector Faceted, specular clear Alzak® reflector is standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts, 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

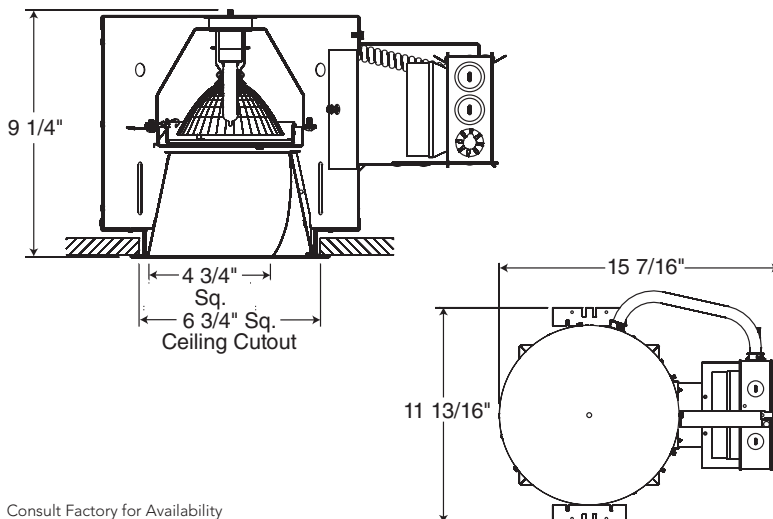
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HWSQ76-70E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HWSQ76	70	E	SATSF	825
HWSQ76	20 39 70	E-120/277V Electronic	Alzak® Satin Finish Options SATSF▲-Clear CGTSF▲-Champagne Gold BATSF▲-Black PATSF▲-Pewter WTTSF▲-Wheat BRTSF▲-Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker trim provides uniform, striation-free wash light with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features

Upper Reflector Faceted, specular clear Alzak® reflector is standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts, 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

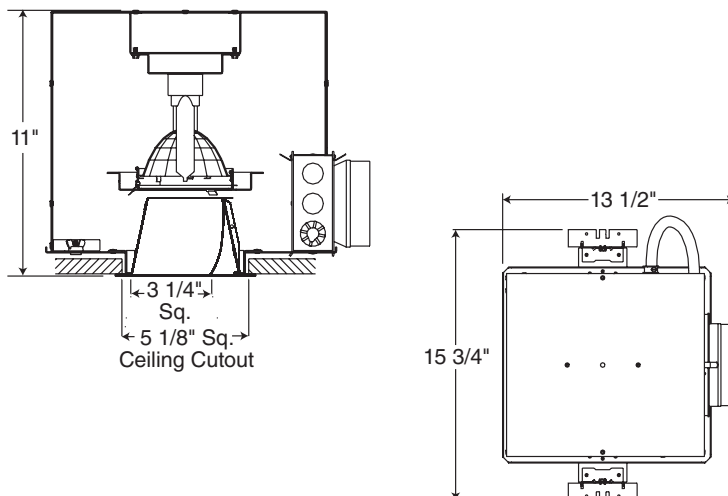
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HWSQ54-70E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HWSQ54	70	E	SATSF	825
HWSQ54	20 39 70	E-120/277V Electronic	Alzak® Satin Finish Options SATSF▲-Clear CGTSF▲-Champagne Gold BATSF▲-Black PATSF▲-Pewter WTTSF▲-Wheat BRTSF▲-Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)



Description

Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker trim provides uniform, striation-free wash light with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features

Upper Reflector Faceted, specular clear Alzak® reflector is standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts, 660W, 600V, rated for 5k pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

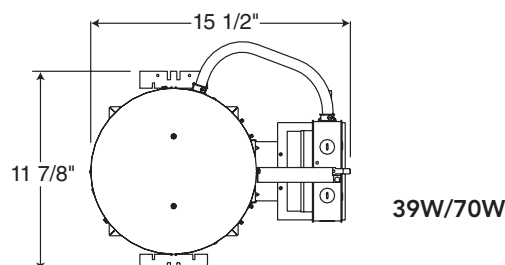
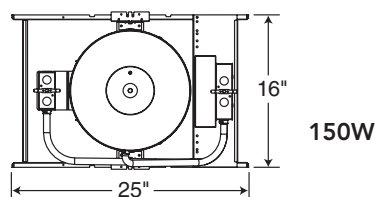
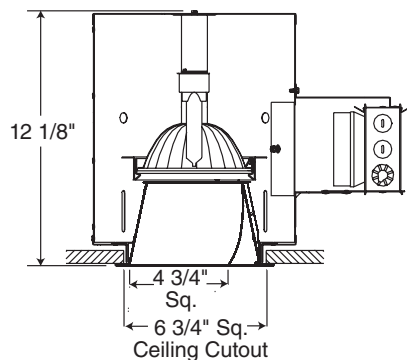
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: HWSQ56-39E-SATSF-825

Model	Lamp Wattage	Ballast	Trim Options	Options
HWSQ56	39	E	SATSF	825
HWSQ56	20 39 70 Ⓢ 150	E-120/277V Electronic (20/39/70W only) E1-120V Electronic (150W only) E2-277V Electronic (150W only)	Alzak® Satin Finish Options SATSF ▲-Clear (std) CGTSF ▲-Champagne Gold BATSF ▲-Black PATSF ▲-Pewter WTTSF ▲-Wheat BRTSF ▲-Bronze Painted Finish Options WHTF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Ⓢ Indicates that the product meets DOE energy efficient standards - EISA compliant.



Description

Specialized kicker reflector provides very wide, striation-free wall wash distribution.

Features

Reflector Semi-specular clear Alzak® with low iridescent finish • Other Alzak® finishes are available; see options
• Protective film dust guard

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell • Socket prevents the use of noncontainment type of metal halide lamps

Mechanical Housing and end-plates are heavy gauge die-formed cold rolled steel for strength and rigidity
• Housing finish is baked white enamel • Heavy gauge steel mounting frame with black finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars

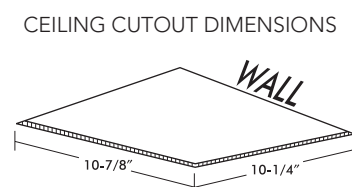
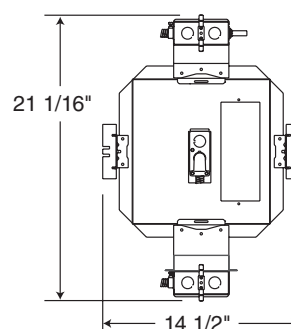
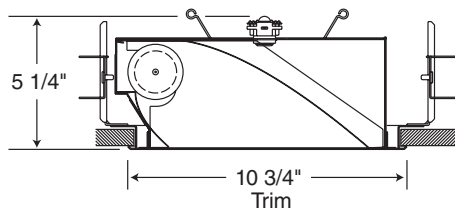
Lamp Shown with one (1) medium base coated ED-17 metal halide lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: 45SQ41-70E-SA-825

Model	Lamp Wattage	Ballast	Trim Options	Options
45SQ41	70	E	SA	825
45SQ41	70 100 Ⓢ 150	E-ED17 Coated, Protected MH 120/277V Electronic (70/100W only) E1-120V Electronic (150W only) E2-277V Electronic (150W only)	Alzak® Clear Finish Options SA-Clear CG-Champagne Gold BA-Black PA-Pewter WT-Wheat BR-Bronze	***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions



† Consult Factory for Availability

Ⓢ Indicates that the product meets DOE energy efficient standards - EISA compliant.



Crescent Electric, Minneapolis Minnesota; Mark Steele Photography



X Series LED | 2x2 Low Profile Basket LED

2100, 2600, 3200, 3900 Lumens



Description

Measuring two-foot square, these handsome fixtures are designed for standard drop-ceiling, drywall ceiling or screw slot T-bars installation in commercial settings such as offices, schools, hospitals and retail establishments. The specially formulated high transmission optic features a textured opal surface on one side specially designed for lighting lenses.

Features

Shielding High transmission polycarbonate features a textured opal surface on one side specifically designed for lighting lenses • Unique combination of high light diffusion and high light transmission through a combination of optimized surface texture and advanced diffuser technology enhance fixture aesthetics while maximizing performance

Reflector High reflectance white paint provides soft, uniformed indirect light distribution

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • Fixture produces 2600 to 3900 at 80 CRI and 2100 to 3200 lumens at 90 CRI while using only 36 watts of energy • LED Driver: Accommodates 120V-277V input volts AC at 50/60Hz • Power factor>0.9 • Dimmable to 10% with 0-10V DC control protocol • Easy access to driver for maintenance and new technology

Housing Cold rolled steel • Highly reflective white finish on phosphate-free, multi-staged pretreated metal

Mounting Lightweight and easy to install in any T-bar system

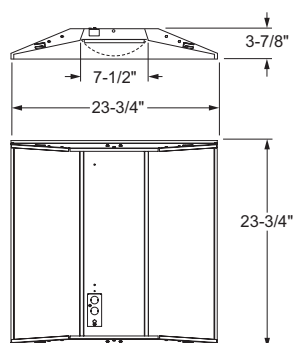
Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • DesignLights Consortium® qualified (See specification sheets for specifics)

Ordering Information Example: S2X2BL-3930U-WH3, S2X2BL-3230U-WH3-90

Model	Lumens	Color Temperature	Voltage	Finish	Generation	Options	Accessories
S2X2BL	-39	30	U	-WH	3	-BR	2x2DWA
S2X2BL-2'x2' † Solid State, Low Profile LED	26-2600 Lumens (80 CRI only) 39-3900 Lumens (80 CRI only) 21-2100 Lumens (90 CRI only) 32-3200 Lumens (90 CRI only)	30-3000K 35-3500K 40-4100K 50-5000K	U-120V-277V 3-347V	WH-White	90-90 CRI CP-Chicago Plenum BR-Emergency Battery Pack with Remote Test Switch LDI-Lumen Depreciation Indicator (Cannot be used w/ BR option or 347V) G-Gasket (Contamination Deterent gasket) AM-Anti-Microbial Paint (Provides mildew and odor resistance to product) AH-Air Handling BP-Bulk Pack S-Step Dimming 33/66/100%		2x2DWA 2'x2' Drywall Frame Adapter 2x2EC Addition Earth Quake Clips, Set of 2 LFC Fixture Clips for Armstrong 9/16" T

† Refer to specification sheets for DesignLights™ Consortium qualified products

Dimensions



X Series LED | 2x4 Low Profile Basket LED

2100/2600/3200/3900/4600/5500 Lumens

**Description**

Measuring two by four feet, these handsome fixtures are designed for standard drop-ceiling, drywall ceiling or screw slot T-bars installation in commercial settings such as offices, schools, hospitals and retail establishments. The specially formulated high transmission optic features a textured opal surface on one side specially designed for lighting lenses.

Features

Shielding High transmission polycarbonate features a textured opal surface on one side specifically designed for lighting lenses • Unique combination of high light diffusion and high light transmission through a combination of optimized surface texture and advanced diffuser technology enhance fixture aesthetics while maximizing performance

Reflector High reflectance white paint provides soft, uniformed indirect light distribution

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • Fixture produces 2600 to 5500 at 80 CRI and 2100 to 4600 lumens at 90 CRI while using only 28 to 53 watts of energy • LED Driver: Accommodates 120V-277V input volts AC at 50/60Hz • Power factor >0.9 • Dimmable to 10% with 0-10V DC control protocol • Easy access to driver for maintenance and new technology

Housing Cold rolled steel • Highly reflective white finish on phosphate-free, multi-staged pretreated metal

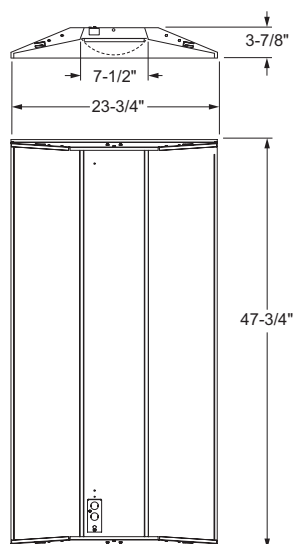
Mounting Lightweight and easy to install in any T-bar system

Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • DesignLights Consortium® qualified (See specification sheets for specifics)

Ordering Information Example: **S2X4BL-3930U-WH3, S2X4BL-4630U-WH3-90**

Model	Lumens	Color Temperature	Voltage	Finish	Generation	Options	Accessories
S2X4BL	-39	30	U	-WH	3	-BR	2x4DWA
S2X4BL-2'x4' † Solid State, Low Profile LED	26-2600 Lumens (80 CRI only) 39-3900 Lumens (80 CRI only) 55-5500 Lumens (80 CRI only) 21-2100 Lumens (90 CRI only) 32-3200 Lumens (90 CRI only) 46-4600 Lumens (90 CRI only)	30-3000K 35-3500K 40-4100K 50-5000K	U-120V-277V 3-347V	WH-White	90-90 CRI CP-Chicago Plenum BR-Emergency Battery Pack with Remote Test Switch LDI-Lumen Depreciation Indicator (Cannot be used w/ BR option or 347V) G-Gasket (Contamination Deterent gasket) AM-Anti-Microbial Paint (Provides mildew and odor resistance to product) AH-Air Handling BP-Bulk Pack S-Step Dimming 33/66/100%		2x4DWA 2'x4' Drywall Frame Adapter 2x4EC Addition Earth Quake Clips, Set of 2 LFC Fixture Clips for Armstrong 9/16" T

† Refer to specification sheets for DesignLights™ Consortium qualified products

Dimensions



X Series LED | 1x4 Low Profile Basket LED

2100/2600/3200/3900/4600/5500 Lumens



Description

Measuring 1x4, these handsome fixtures are designed for standard drop-ceiling, drywall ceiling or screw slot T-bars installation in commercial settings such as offices, schools, hospitals and retail establishments. The specially formulated high transmission optic features a textured opal surface on one side specially designed for lighting lenses.

Features

Shielding High transmission polycarbonate features a textured opal surface on one side specifically designed for lighting lenses • Unique combination of high light diffusion and high light transmission through a combination of optimized surface texture and advanced diffuser technology enhance fixture aesthetics while maximizing performance

Reflector High reflectance white paint provides soft, uniformed indirect light distribution

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • Fixture produces 2600 to 5500 at 80 CRI and 2100 to 4600 lumens at 90 CRI while using only 28 to 53 watts of energy • LED Driver: Accommodates 120V-277V input volts AC at 50/60Hz • Power factor>0.9 • Dimmable to 10% with 0-10V DC control protocol • Easy access to driver for maintenance and new technology

Housing Cold rolled steel • Highly reflective white finish on phosphate-free, multi-staged pretreated metal

Mounting Lightweight and easy to install in any T-bar system

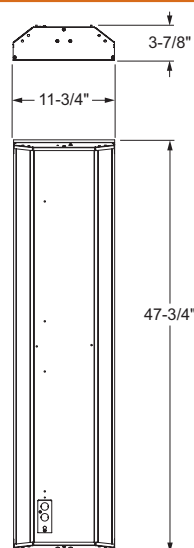
Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • DesignLights Consortium® qualified (See specification sheets for specifics)

Ordering Information Example: S1X4BL-3930U-WH3, S1X4BL-4630U-WH3-90

Model	Lumens	Color Temperature	Voltage	Finish	Generation	Options	Accessories
S1X4BL	-39	30	U	-WH	3	-BR	1x4DWA
S1X4BL-1'x4' † Solid State, Low Profile LED	26-2600 Lumens (80 CRI only) 39-3900 Lumens (80 CRI only) 55-5500 Lumens (80 CRI only) 21-2100 Lumens (90 CRI only) 32-3200 Lumens (90 CRI only) 46-4600 Lumens (90 CRI only)	30-3000K 35-3500K 40-4100K 50-5000K	U-120V-277V 3-347V	WH-White		90-90 CRI CP-Chicago Plenum BR-Emergency Battery Pack with Remote Test Switch LDI-Lumen Depreciation Indicator (Cannot be used w/ BR option or 347V) G-Gasket (Contamination Deterent gasket) AM-Anti-Microbial Paint (Provides mildew and odor resistance to product) AH-Air Handling BP-Bulk Pack S-Step Dimming 33/66/100%	1x4DWA 1'x4' Drywall Frame Adapter 1x4EC Addition Earth Quake Clips, Set of 2 LFC Fixture Clips for Armstrong 9/16" T

† Refer to
specification sheets
for DesignLights™
Consortium qualified
products

Dimensions





X Series LED | 2x2, 2x4 Basket LED 2100/2600/3200/ 3500/3900/4500/4600/5300/5500/6500 Lumens, Perforated or Opal Diffuser



Description

Measuring two-foot square or two by four feet, these handsome fixtures are designed for standard drop-ceiling, drywall ceiling or screw slot T-bars installation in commercial settings such as offices, schools, hospitals and retail establishments. The LED light panel is regressed into the fixture for reduced glare and a quiet-ceiling look. Unique optics provide exceptional illumination and set these luminaires apart from other designs. Available in Opal Diffuser or White Perforated

Features

Shielding Optics (BO Basket style): High transmission polycarbonate features a textured opal surface on one side specifically designed for lighting lenses. (BP Basket style): Die-formed C.R.S. with 50% open perforation, white baked enamel finish with white polycarbonate diffuser

Reflector High reflectance white paint provides soft, uniform indirect light distribution

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • Fixture produces 2600 to 6500 at 80 CRI and 2100 to 5300 lumens at 90 CRI while using only 36 to 65 watts of energy • LED Driver: Accommodates 120V-277V input volts AC at 50/60Hz • Power factor >0.9 • Dimmable to 10% with 0-10V DC control protocol • Available with integrated open-standards ZigBee® wireless control • Interoperates with Daintree's ControlScope network wireless control solutions

Housing Cold rolled steel • Highly reflective white finish on phosphate-free, multi-staged pretreated metal

Mounting Lightweight and easy to install in any T-bar system

Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • ARRA Compliant • DesignLights Consortium® qualified (See specification sheets for specifics)

Ordering Information Example: S2X2BP-2635U-WH3, S2X2BP-3940U-WH3-90

Model	Basket Style	Lumens	Color Temperature	Voltage	Finish	Generation	Options	Accessories
S2X2	BP	-26	35	U	-WH	3	-BR	2x2DWA
S2X2-2'x2' † Solid State, LED	BP-White Perforated BO-Opal Diffuser	80 CRI only 261'-2600 Lumens 351'-3500 Lumens 392'-3900 Lumens 451'-4500 Lumens 552'-5500 Lumens 652'-6500 Lumens 90 CRI only 211'-2100 Lumens 321'-3200 Lumens 391'-3900 Lumens 322'-3200 Lumens 462'-4600 Lumens 532'-5300 Lumens	30-3000K 35-3500K 40-4100K 50-5000K	U-120V-277V 3-347V	WH-White		90-90 CRI BR-Emergency Battery Pack with Remote Test Switch AM-Anti-Microbial Paint SS-Housing for 9/16" Screw Slot Grid AH-Air Handling AR-Air Return WCR-Wireless Control Ready Interoperates with Daintree LDI-Lumen Depreciation Indicator (Cannot be used w/ BR option or 347V) S-Step Dimming 33/66/100% CP-Chicago Plenum	2x2DWA 2'x2' Drywall Frame Adapter 2x4DWA 2'x4' Drywall Frame Adapter

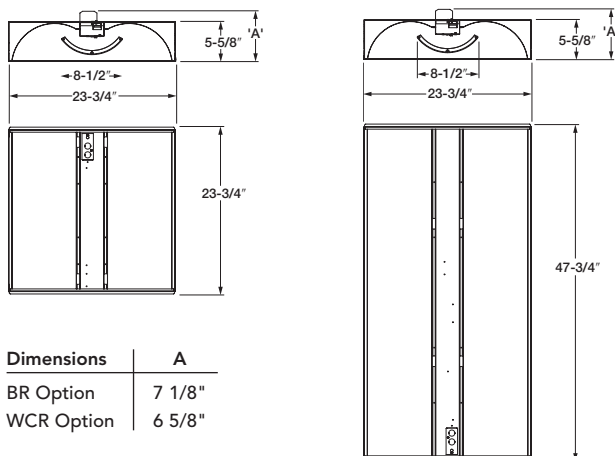
¹BP Perforated style only

²BO Diffuser style only

*2x4 only

† Refer to specification sheets for DesignLights™ Consortium qualified products

Dimensions





X Series LED | 1x4 Basket LED 2100/2600/3200/ 3500/3900/4500/4600/5300/5500/6500 Lumens, Perforated or Opal Diffuser



Description

Measuring 1x4, these handsome fixtures are designed for standard drop-ceiling, drywall ceiling or screw slot T-bars installation in commercial settings such as offices, schools, hospitals and retail establishments. Unique optics provide exceptional illumination and set these luminaires apart from other designs. Available in Opal Diffuser or White Perforated

Features

Shielding Optics (BO Basket style): High transmission polycarbonate features a textured opal surface on one side specifically designed for lighting lenses. (BP Basket style): Die-formed C.R.S. with 50% open perforation, white baked enamel finish with white polycarbonate diffuser

Reflector High reflectance white paint provides soft, uniformed indirect light distribution

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • Fixture produces 2600 to 6500 at 80 CRI and 2100 to 5300 lumens at 90 CRI while using only 36 to 65 watts of energy • LED Driver: Accommodates 120V-277V input volts AC at 50/60Hz • Power factor >0.9 • Dimmable to 10% with 0-10V DC control protocol • Available with integrated open-standards ZigBee® wireless control • Interoperates with Daintree's ControlScope network wireless control solutions

Housing Cold rolled steel • Highly reflective white finish on phosphate-free, multi-staged pretreated metal

Mounting Lightweight and easy to install in any T-bar system

Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • ARRA Compliant • DesignLights Consortium® qualified (See specification sheets for specifics)

Ordering Information Example: S1X4BP-2635U-WH3, S1X4BP-3940U-WH3-90

Model	Basket Style	Lumens	Color Temperature	Voltage	Finish	Generation	Options	Accessories
S1X4	BP	-26	35	U	-WH	3	-BR	1x4DWA
S1X4-1'x4' † Solid State, LED	BP-White Perforated BO-Opal Diffuser	80 CRI only 26 ¹ -2600 Lumens 35 ¹ -3500 Lumens 39 ² -3900 Lumens 45 ¹ -4500 Lumens 55 ² -5500 Lumens 65 ² -6500 Lumens 90 CRI only 21 ¹ -2100 Lumens 32 ¹ -3200 Lumens 39 ¹ -3900 Lumens 32 ² -3200 Lumens 46 ² -4600 Lumens 53 ² -5300 Lumens	30-3000K 35-3500K 40-4100K 50-5000K	U-120V-277V 3-347V	WH-White	90-90 CRI BR-Emergency Battery Pack with Remote Test Switch AM-Anti- Microbial Paint SS-Housing for 9/16" Screw Slot Grid AH-Air Handling AR-Air Return WCR-Wireless Control Ready Interoperates with Daintree LDI-Lumen Depreciation Indicator (Cannot be used w/ BR option or 347V) S-Step Dimming 33/66/100% CP-Chicago Plenum	1x4DWA 1'x4' Drywall Frame Adapter	

¹BP Perforated style only

²BO Diffuser style only

† Refer to specification sheets for
DesignLights™ Consortium qualified products

Dimensions

The technical drawing shows the S1X4 LED fixture from two perspectives. The top view is a circle with a diameter dimension of 11-3/4". The side view shows the fixture's height as 47-3/4" and the depth of the mounting bracket as 5". A dimension 'A' is indicated for the mounting bracket's width.

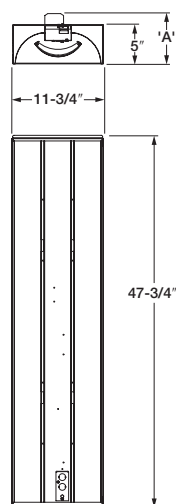
Dimensions	A
BR Option	6 1/2"
WCR Option	6"

¹BP Perforated style only

²BO Diffuser style only

† Refer to specification sheets for DesignLights™ Consortium qualified products

Dimensions



Dimensions	A
BR Option	6 1/2"
WCR Option	6"





X Series LED | 2x2, 2x4 Lay-in LED

2600/3200/4200/5100/6100 Lumens, Illusion



Description

Measuring two-foot square or two by four feet, these handsome fixtures are designed for standard drop-ceiling or drywall ceiling installation in commercial settings such as offices, schools, hospitals and retail establishments. Unique optics provide exceptional illumination and set these luminaires apart from other designs.

Features

Optics Directional Optics (center panel): High transmission polycarbonate diffuser panel delivers main beam focus while providing excellent control and efficiency • Illusion lens creates unique aesthetic lighting patterns that appears to change when viewed at different angles. Diffuser Surround (side panels): Two (2) sloping high transmission polycarbonate diffuser panels provide contrast and generate soft, even high angle luminance

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • Fixture produces 3200 to 6100 at 80 CRI and 2600 to 5100 lumens at 90 CRI while using only 36 to 65 watts of energy • LED Driver: Accommodates 120V-277V input volts AC at 50/60Hz • Power factor >0.9 • Dimmable to 10% with 0-10V DC control protocol • Available with integrated open-standards ZigBee® wireless control • Interoperates with Daintree's ControlScope network wireless control solutions

Mounting Lay-in application • Sits on drop ceiling T-bars or drywall ceilings using adapter accessory

Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • ARRA Compliant • DesignLights Consortium® qualified (See specification sheets for specifics)

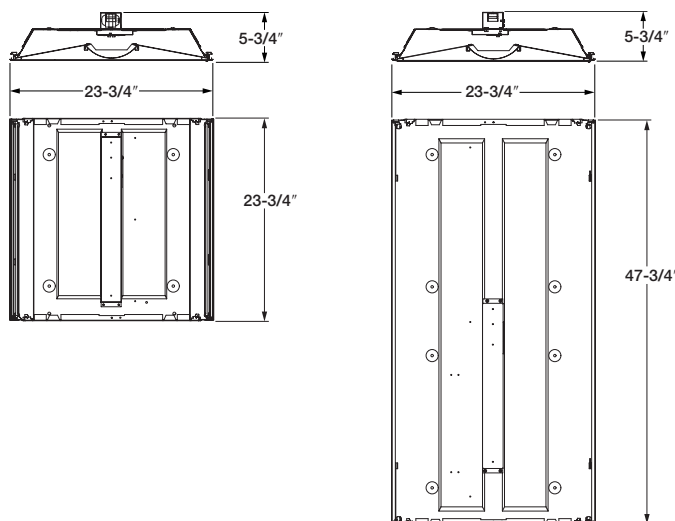
Ordering Information Example: S2X2LI-32352-WH2

Model	Difusser Style	Lumens	Color Temperature	Voltage	Finish	Generation	Options	Accessories
S2X2	LI	-32	35	U	-WH	3	-BR	2x2DWA
S2X2-2'x2' † Solid State, LED	LI-Illusion Lay-in	80 CRI only 32-3200 Lumens 51*-5100 Lumens	30-3000K 35-3500K 40-4100K	U-120V-277V 3-347V	WH-White		90-90 CRI BR-Emergency Battery Pack with Remote Test Switch NY-20 GA. Housing AM-Anti-Microbial Paint WCR-Wireless Control Ready Interoperates with Daintree LDI-Lumen Depreciation Indicator (Cannot be used w/ BR option or 347V) S-Step Dimming 33/66/100%	2x2DWA 2'x2' Drywall Frame Adapter
S2X4-2'x4' † Solid State, LED		61*-6100 Lumens 90 CRI only 26-2600 Lumens 42*-4200 Lumens 51*-5100 Lumens	50-5000K					2x4DWA 2'x4' Drywall Frame Adapter

* 2'x4' only

† Refer to specification sheets for DesignLights™ Consortium qualified products

Dimensions





X Series LED | 2x2, 2x4 Lay-in LED

2600/3200/4200/5100/6100 Lumens, Flat Lensed



Description

Measuring two-foot square or two by four feet, these handsome fixtures are designed for standard drop-ceiling or drywall ceiling installation in commercial settings such as offices, schools, hospitals and retail establishments. The LED light panel is regressed into the fixture for reduced glare and a quiet-ceiling look. Unique optics provide exceptional illumination and set these luminaires apart from other designs.

Features

Optics Directional Optics (center panel): High transmission polycarbonate diffuser panel delivers main beam focus while providing excellent control and efficiency • Flat lense creates a uniform, low-glare illumination. Diffuser Surround (side panels): Two (2) sloping high transmission polycarbonate diffuser panels provide contrast and generate soft, even high angle luminance

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • Fixture produces 3200 to 6100 at 80 CRI and 2600 to 5100 lumens at 90 CRI while using only 36 to 65 watts of energy • LED Driver: Accommodates 120V-277V input volts AC at 50/60Hz • Power factor>0.9 • Dimmable to 10% with 0-10V DC control protocol • Available with integrated open-standards ZigBee® wireless control • Interoperates with Daintree's ControlScope network wireless control solutions

Mounting Lay-in application • Sits on drop ceiling T-bars or drywall ceilings using adapter accessory

Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • ARRA Compliant • DesignLights Consortium® qualified (See specification sheets for specifics)

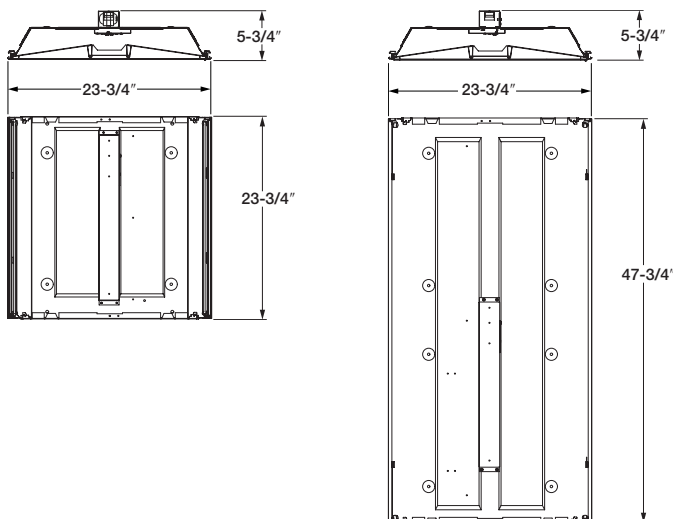
Ordering Information Example: S2X2LF-32352-WH2

Model	Difusser Style	Lumens	Color Temperature	Voltage	Finish	Generation	Options	Accessories
S2X2	LF	-32	35	U	-WH	3	-BR	2x2DWA
S2X2-2'x2' † Solid State, LED	LF-Flat Lay-in	80 CRI only 32-3200 Lumens 51*-5100 Lumens 61*-6100 Lumens 90 CRI only 26-2600 Lumens 42*-4200 Lumens 51*-5100 Lumens	30-3000K 35-3500K 40-4100K 50-5000K	U-120V-277V 3-347V	WH-White		90-90 CRI BR-Emergency Battery Pack with Remote Test Switch NY-20 GA. Housing AM-Anti-Microbial Paint WCR-Wireless Control Ready Interoperates with Daintree LDI-Lumen Depreciation Indicator (Cannot be used w/ BR option or 347V) S-Step Dimming 33/66/100%	2x2DWA 2'x2' Drywall Frame Adapter 2x4DWA 2'x4' Drywall Frame Adapter

* 2'x4' only

† Refer to specification sheets for DesignLights™ Consortium qualified products

Dimensions





Description

Measuring two-foot square, these handsome fixtures are designed for standard drop-ceiling installation in commercial settings such as offices, schools, hospitals and retail establishments. The one-foot square LED light panel is regressed into the fixture for reduced glare and a quiet-ceiling look. Unique trims provide exceptional illumination and set these luminaires apart from other designs.

Features

Reflector Features stamped steel construction with high reflectance textured white, black, silver or graphite painted finishes • Parabolic reflector design maximizes brightness control and fixture efficiency

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • CRI>80 • Produces 3900 lumens while using only 37 watts of energy • LED Driver: Accommodates 120V-277V input volts AC at 50/60Hz • Power factor>0.9 • Dimmable to 10% with 0-10V DC control protocol • Available with integrated open-standards ZigBee® wireless control • Interoperates with Daintree's ControlScope network wireless control solutions

Mounting Lay-in application • Sits on drop ceiling T-bars

Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • DesignLights Consortium® qualified (See specification sheets for specifics)

Ordering Information Example: S2X2PP-3935U-WH3

Model	Lumens	Color Temperature	Voltage	Reflector Finish	Generation	Options	Accessories
S2X2PP	-39	35	U	-WH	3	-BR	2x2DWA
S2X2PP † Parabolic Reflector	39-3900 Lumens	30-3000K 35-3500K 40-4100K 50-5000K	1-120V-277V 3-347V	WH-White BL-Black SL-Silver GR-Graphite		BR-Emergency Battery Pack with Remote Test Switch AR-Air Return WCR-Wireless Control Ready Interoperates with Daintree	2x2DWA 2'x2' Drywall Frame Adapter

† Refer to specification sheets for DesignLights™ Consortium qualified products

Finishes



Black



White

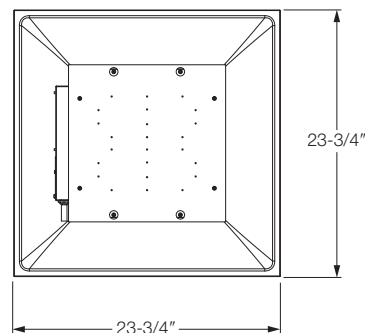
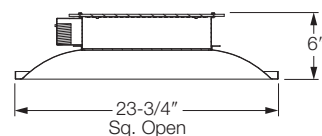


Silver



Graphite

Dimensions





X Series LED | 2x2 Parabolic LED

3900 Lumens, Pendant Mount



Description

Measuring two-foot square, these handsome fixtures are designed for pendant mounting in commercial settings such as offices, schools, hospitals and retail establishments. The one-foot square LED light panel is regressed into the fixture for reduced glare and a quiet-ceiling look. Unique trims provide exceptional illumination and set these luminaires apart from other designs.

Features

Reflector Features stamped steel construction with high reflectance textured white, black, silver or graphite painted finishes • Parabolic reflector design maximizes brightness control and fixture efficiency

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • CRI>80 • Produces 3900 lumens while using only 37 watts of energy • LED Driver: Accommodates 120V-277V input volts AC at 50/60Hz • Power factor>0.9 • Dimmable to 10% with 0-10V DC control protocol • Available with integrated open-standards ZigBee® wireless control • Interoperates with Daintree's ControlScope network wireless control solutions

Mounting 3/4" pipe (by others) for pendant mount

Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • DesignLights Consortium® qualified (See specification sheets for specifics)

Ordering Information Example: S2X2PP-3935-PWH3

Model	Lumens	Color Temperature	Mounting	Reflector Finish	Generation	Options
S2X2PP	-39	35	-P	WH	3	-3
S2X2PP † Parabolic Reflector	39-3900 Lumens	30-3000K 35-3500K 40-4100K 50-5000K	P-Pendant	WH-White BL-Black SL-Silver GR-Graphite		*3-347 *WCR-Wireless Control Ready Interoperates with Daintree

* Consult factory for availability

† Refer to specification sheets for DesignLights™ Consortium qualified products

Finishes



Black



White

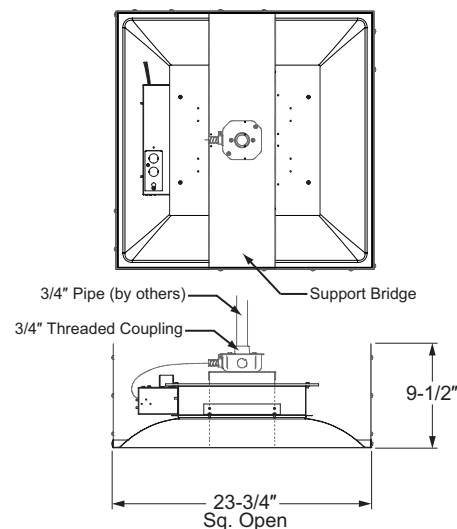


Silver



Graphite

Dimensions





Description

Measuring two-foot square, these handsome fixtures are designed for standard drop-ceiling installation in commercial settings such as offices, schools, hospitals and retail establishments. The one-foot square LED light panel is regressed into the fixture for reduced glare and a quiet-ceiling look. Unique trims provide exceptional illumination and set these luminaires apart from other designs.

Features

Reflector Features extruded aluminum construction with a high reflectance textured white, black silver or graphite painted finishes • Ziggurat design provides unique aesthetic and uniform balance of light levels to both vertical and horizontal surfaces

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • CRI>80 • Produces 3900 lumens while using only 37 watts of energy • LED Driver: Universal driver accommodates 120V-277V input volts AC at 50/60Hz • Power factor>0.9 • Dimmable to 10% with 0-10V DC control protocol • Available with integrated open-standards ZigBee® wireless control • Interoperates with Daintree's ControlScope network wireless control solutions

Mounting Lay-in application • Sits on drop ceiling T-bars

Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • DesignLights Consortium® qualified (See specification sheets for specifics)

Ordering Information Example: S2X2PZ-3935U-WH3

Model	Lumens	Color Temperature	Voltage	Reflector Finish	Generation	Options	Accessories
S2X2PZ	-39	35	U	-WH	3	-BR	2x2DWA
S2X2PZ † Ziggurat Reflector	39-3900 Lumens	30-3000K 35-3500K 40-4100K 50-5000K	1-120V-277V 3-347V	WH-White BL-Black SL-Silver GR-Graphite		BR-Emergency Battery Pack with Remote Test Switch WCR-Wireless Control Ready Interoperates with Daintree	2x2DWA 2'x2' Drywall Frame Adapter

† Refer to specification sheets for DesignLights™ Consortium qualified products

Finishes



Black



White

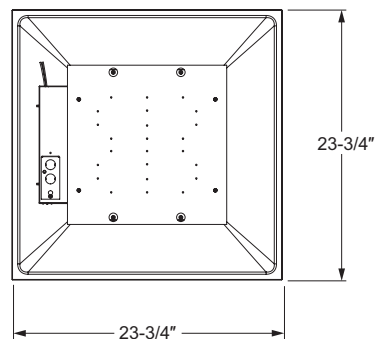
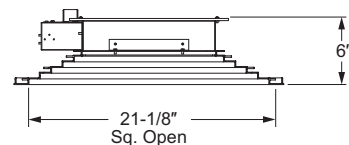


Silver



Graphite

Dimensions





Two LED Strip Kit



Three LED Strip Kit



Four LED Strip Kit

Description

Indy Linear LED Conversion Kits, SRT, are designed to easily convert conventional 2'x2', 2'x4', and 1'x4' fluorescent troffers to the latest LED technology. These kits include LED strips, a LED driver, quick connect cables, mounting screws, wire management clips, labels and a magnetic alignment tool. Does not require removal of troffer or accessing from above the ceiling. Indy retrofit LEDs offer substantial energy savings, and with an expected service life of 50,000 hours, they help reduce operating costs by providing 8-12 years of maintenance-free service in typical commercial applications.

Features

LED Light Strip High-performance LEDs deliver consistent high-quality white light and uniform illumination without pixilation • Consistent fixture-to-fixture color temperature within 3MacAdam ellipses • Available in 3000K, 3500K, 4000K & 5000K color temperatures • CRI>80 standard, optional 90 CRI available • Rated for 50,000 hours at 70% lumen maintenance, 8-12 years commercial use expectancy

LED Driver 120-277V input at 50/60Hz standard, optional 347V input available • Power factor>0.9 • Dimmable standard to 10% with 0-10V DC control protocol • Easy access to driver for installation and replacement

Installation Kit Kits are easily field installed using hand tools with minimum modification to the existing housings

- Does not require removal of troffer or accessing from above ceiling
- Kit includes LED strips, LED driver, quick connect cables, mounting screws, wire management clips, labels and magnetic alignment tool
- Magnetic alignment tool hold LED strips in position for quick and easy installation
- Retro-fit any type IC or Non-IC marked spacings, recessed or surface mount fluorescent style luminaire

Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • DesignLights Consortium® qualified (See specification sheets for specifics)

Complete Retro-Fit Kit Ordering Information (Use when ordering a complete kit)

Example: **SRT-4-6535U-G3-90**

Model	Strips	Lumens	Color Temperature	Voltage	Generation	Options
SRT	-4	-65	35	U	-G3	-90
SRT LED	2	44-4400 Lumens	30-3000K	U-120V-277V	G3-Gen3	90*-90 CRI LED Strips
LED	3	63-6300 Lumens	35-3500K	3-347V		For 80 CRI, leave blank
Retro-Fit Kit	4	65-6500 Lumens	40-4000K			EB-Emergency Battery Pack
			50-5000K			

Individual Component Ordering Information (Use when ordering LED Light Strips and Drivers separately)

Example: **SRT-18W-2230U-G3-2-9**

Model	Input Power	Lumens	Color Temperature	Voltage	Generation	Options	CRI
SRT	-18W	-22	35	U	-G3	-2	-90
SRT LED Strips	18W-18 Watts	22-2200 Lumens	30-3000K 35-3500K 40-4000K 50-5000K	U-120V-277V 3-347V	G3-Gen3	2-Light Strips (Pack of 2) 3-Light Strips (Pack of 3) 4-Light Strips (Pack of 4) 12-Light Strips (Pack of 12)	9*-90 CRI LED Strips For 80 CRI, leave blank

Example: **SRTDRV-36W-U-G3-12**

Model	Input Power	Voltage	Generation	Options
SRTDRV	-36W	-U	-G3	-12
SRT LED Drivers	36W-36 Watts 53W-53 Watts	U-120V-277V 3-347V	G3-Gen3	12-Drivers (Pack of 12) To order one (1) leave blank

Recommended Applications






Driver Wattage	Number of LED Strips	
36W (SRTDRV-36W-U-G3)	2	
53W (SRTDRV-53W-U-G3)	3	4

When using 2 LED Strips, only 36W Driver (SRTDRV-36W-U-G3) can be used

* 3000K and 3500K only

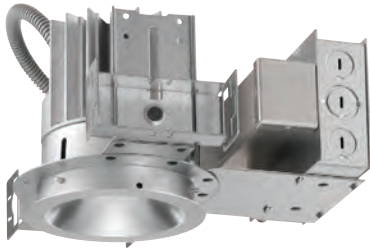
L-Series, a comprehensive family of LED luminaires

Easy to Learn, Easy to Specify ...

Rough-in	Aperture Size			Reflector							Lumen Packages*																		
	4"	6"	8"	Hyperbolic Downlight	Parabolic Downlight	Hyperbolic Wall Wash**	Single Wall Wash	Double Wall Wash	Corner Wall Wash	Angle Cut Cone	800	1300	1500	1700	2300	2800	3300	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	
<div>New Construction</div> <div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>		<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
<div>Remodel</div> <div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>		<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
<div>Retrofit</div> <div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>		<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
<div>Cylinder</div> <div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>		<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
<div>Adjustable</div> <div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>

* 4" lumen packages do not exceed 4000lm at this time.

** Hyperbolic Wall Wash for Retrofit coming soon.



Description

4" LED Downlight is available in (8) lumen packages ranging from 800 to 4000 lumens, with input wattages ranging from 8W to 43W. Comparable to 26W, 32W, 42W, 2x26W, 2x32W, 2x42W CFL and 39W, 70W, 100W CMH with energy savings up to 40%.

Features

Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Narrow flood, medium flood and wide flood distributions available

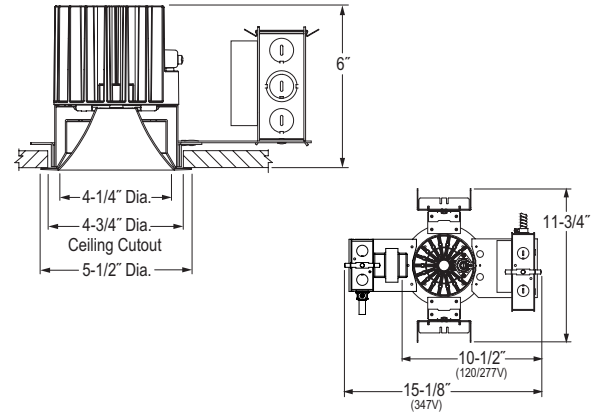
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations • UL spacing requirement for 4000 lumen: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions





L Series LED | L4 4" LED Hyperbolic New Construction Downlight

800-4000 Lumens, 8-43 Watts



Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **L4-23353-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
L4	23	35	3	G3	LDI
L4	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V 3-347V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L400HW-CQ-WH**

Reflector	Color Options	Finish	Options
L400HW	C	Q	WH
L400HN Narrow Flood	▲C-Clear ▲G-Gold ▲WT-Wheat ▲PT-Pewter	Low Iridescent Alzak® ▲L-Specular ▲S-Satin	WH-White Flange
L400H Medium Flood	▲BZ-Bronze ▲B-Black ▲W-White	▲Q-Semi-Specular (Clear only) blank-White	
L400HW Wide Flood			

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not Available for 347V.

◆Not available for 4000 Lumens.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)

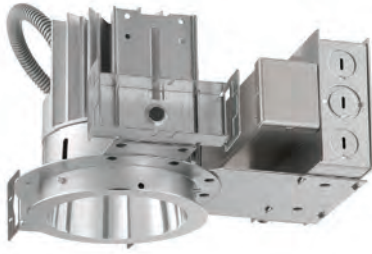
Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.



L Series LED | L4 4" LED Parabolic New Construction Downlight

800-4000 Lumens, 8-43 Watts



Description

4" LED Downlight is available in (8) lumen packages ranging from 800 to 4000 lumens, with input wattages ranging from 8W to 43W. Comparable to 26W, 32W, 42W, 2x26W, 2x32W, 2x42W CFL and 39W, 70W, 100W CMH with energy savings up to 35%.

Features

Reflector Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

- Baffle: Black or white with white painted flange

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available

- Light engine mounts directly to heat sink and is easily replaceable
- LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

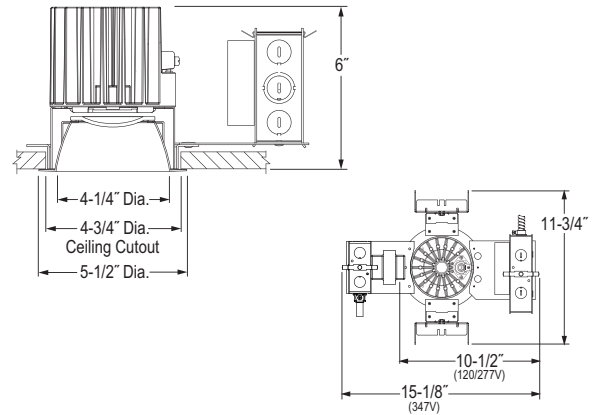
Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations • UL spacing requirement for 4000 lumen: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

- ENERGY STAR® Qualified with select lumens and trims

Dimensions





L Series LED | L4 4" LED Parabolic New Construction Downlight

800-4000 Lumens, 8-43 Watts



Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **L4-23353-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
L4	23	35	3	G3	LDI
L4	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U-120V-277V Universal 1-120V 2-277V 3-347V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L400P-CQ-WH**

Reflector	Color Options	Finish	Options
L400P	C	Q	WH
▲L400P Open Reflector L400B Black Baffle	▲C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular (Clear only) blank-Baffle & White	WH-White Flange WET-Wet Location

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not Available for 347V.

◆Not available for 4000 Lumens.

▲ENERGY STAR®

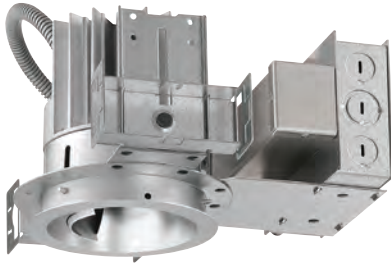
(see specification sheet for ENERGY STAR® Qualified products)

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.



L Series LED | L4 4" LED Hyperbolic Wall Wash 800-4000 Lumens, 8-43 Watts



Description

4" LED Wall Wash is available in (8) lumen packages ranging from 800 to 4000 lumens, with input wattages ranging from 8W to 43W. Comparable to 26W, 32W, 42W, 2x32W CFL and 39W, 70W, CMH.

Features

Reflector Computer-optimized hyperbolic trim with integral wall wash kicker and frosted bubble lens regressed into reflector provides uniform distribution with no striations

- Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control

- Consistent fixture to fixture color temperature within 3 SDCM
- CRI>80 standard, 90 & 97 CRI available
- Light engine mounts directly to heat sink and is easily replaceable
- LED Driver: Power factor>0.9
- Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall

- Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED
- Driver is accessible from above or below ceiling

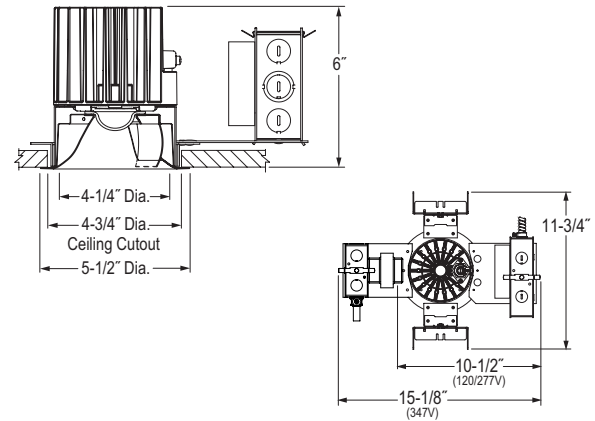
Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers

- Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations

- UL spacing requirement for 4000 lumen: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall
- I.B.E.W. Union made
- UL and cUL, RoHS compliant
- EMI complies with FCC 47, Part 15, Class A

Dimensions





L Series LED | L4 4" LED Hyperbolic Wall Wash 800-4000 Lumens, 8-43 Watts

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **L4-23353-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
L4	23	35	3	G3	LDI
L4	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V 3-347V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem®) ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L400HWS-CS-WH**

Reflector	Color Options	Finish	Options
L400HWS	C	Q	WH
L400HWS Single Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

*800 and 1300 lumen fixtures are universal voltage (120V-277V).

+Not Available for 347V.

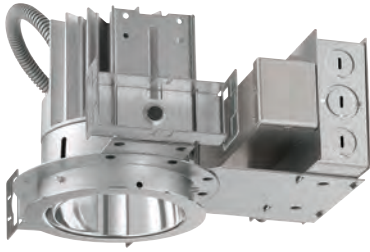
◆Not available for 4000 Lumens.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.



L Series LED | L4 4" LED Parabolic Wall Wash 800-4000 Lumens, 8-43 Watts



Description

4" LED Wall Wash is available in (8) lumen packages ranging from 800 to 4000 lumens, with input wattages ranging from 8W to 43W. Comparable to 26W, 32W, 42W, 2x32W CFL and 39W, 70W, CMH.

Features

Reflector Computer-optimized parabolic trim with integral wall wash kicker and frosted convexed lens regressed into cone provides uniform distribution with no striations

- Concealed LED array provides superior aesthetic appeal both on and off

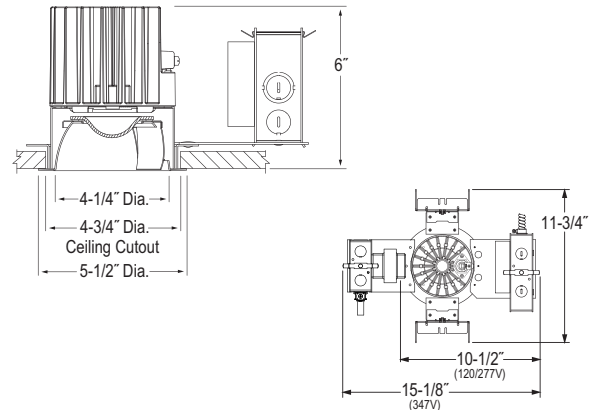
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations • UL spacing requirement for 4000 lumen: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Dimensions





L Series LED | L4 4" LED Parabolic Wall Wash 800-4000 Lumens, 8-43 Watts

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **L4-23353-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
L4	23	35	3	G3	LDI
L4	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U-120V-277V Universal 1-120V 2-277V 3-347V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

*800 and 1300 lumen fixtures are universal voltage (120V-277V).

+Not Available for 347V.

◆Not available for 4000 Lumens.

Example: **L400WS-CQ-WH**

Reflector	Color Options	Finish	Options
L400WS	C	Q	WH
L400WS Single Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange
L400WD Double Wall Wash	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White	
L400WC Corner Wall Wash			

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.



Description

6" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Suitable for ceiling heights ranging from 8' to in excess of 100'. Efficacies up to 110 lm/w.

Features

Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Narrow flood, medium flood and wide flood distributions available

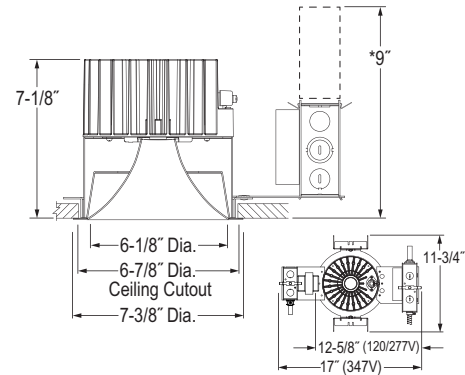
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions





L Series LED | L6 6" LED Hyperbolic New Construction Downlight

800-9000 Lumens, 8-92 Watts



Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **L6-23353-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
L6	23	35	3	G3	LDI
L6	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V 3-347V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L600HW-CQ-WH**

Reflector	Color Options	Finish	Options
L600HW	C	Q	WH
L600HN Narrow Flood	▲C-Clear ▲G-Gold ▲WT-Wheat ▲PT-Pewter	Low Iridescent Alzak® ▲L-Specular ▲S-Satin	WH-White Flange
L600H Medium Flood	▲BZ-Bronze ▲B-Black ▲W-White	▲Q-Semi-Specular (Clear only) blank-White	
L600HW Wide Flood			

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

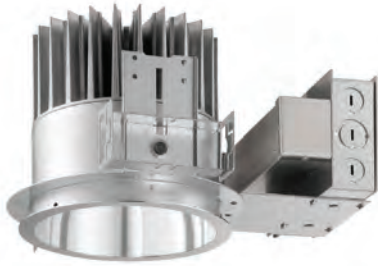
◆Not available for 4000 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



Description

6" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Suitable for ceiling heights ranging from 8' to in excess of 100'. Efficacies up to 87 lm/w.

Features

Reflector Computer-optimized parabolic reflector with frosted conical lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off
Baffle: Black or white with white painted flange

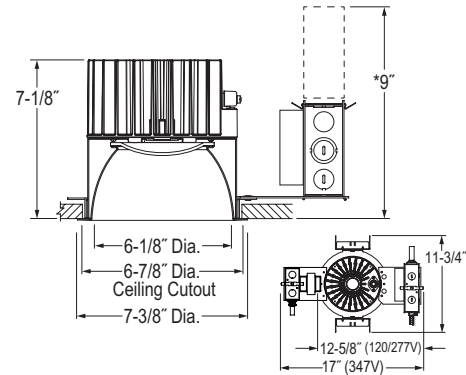
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available
 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A
 • ENERGY STAR® Qualified with select lumens and trims

Dimensions





L Series LED | L6 6" LED Parabolic New Construction Downlight

800-9000 Lumens, 8-92 Watts



Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **L6-23353-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
L6	23	35	3	G3	LDI
L6	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U-120V-277V Universal 1-120V 2-277V 3-347V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L600P-CQ-WH**

Reflector	Color Options	Finish	Options
L600P	C	Q	WH
▲L600P Open Reflector L600B Black Baffle	▲C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular (Clear only) blank-Baffle & White	WH-White Flange WET-Wet Location

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

◆Not available for 4000 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



L Series LED | L6 6" LED Hyperbolic Wall Wash 800-9000 Lumens, 8-92 Watts



Description

6" LED Wall Wash is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W.

Features

Reflector Computer-optimized hyperbolic trim with integral wall wash kicker and frosted bubble lens regressed into reflector provides uniform distribution with no striations

- Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control

- Consistent fixture to fixture color temperature within 3 SDCM
- CRI>80 standard, 90 & 97 CRI available
- Light engine mounts directly to heat sink and is easily replaceable
- LED Driver: Power factor>0.9
- Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall

- Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED
- Driver is accessible from above or below ceiling

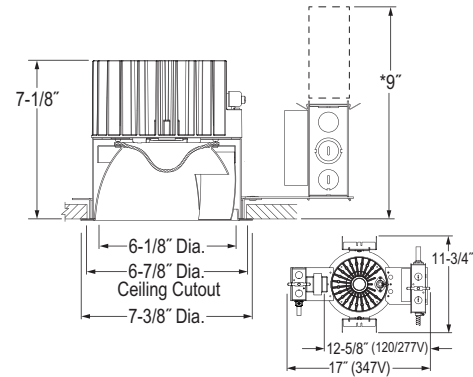
Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers

- Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations

- UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall
- I.B.E.W. Union made
- Wet location option available
- UL and cUL, RoHS compliant
- EMI complies with FCC 47, Part 15, Class A

Dimensions





L Series LED | L6 6" LED Hyperbolic Wall Wash 800-9000 Lumens, 8-92 Watts

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **L6-23353-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
L6	23	35	3	G3	LDI
L6	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V 3-347V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem®) ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L600HWS-CS-WH**

Reflector	Color Options	Finish	Options
L600HWS	C	Q	WH
L600HWS Single Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

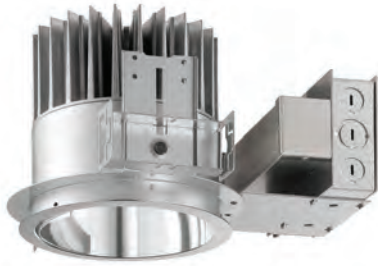
◆Not available for 4000 Lumens and up.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



L Series LED | L6 6" LED Parabolic Wall Wash 800-9000 Lumens, 8-92 Watts



Description

6" LED Wall Wash is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W.

Features

Reflector Computer-optimized parabolic trim with integral wall wash kicker and frosted convexed lens regressed into cone provides uniform distribution with no striations

- Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control

- Consistent fixture to fixture color temperature within 3 SDCM
- CRI>80 standard, 90 & 97 CRI available
- Light engine mounts directly to heat sink and is easily replaceable
- LED Driver: Power factor>0.9
- Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall

- Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED
- Driver is accessible from above or below ceiling

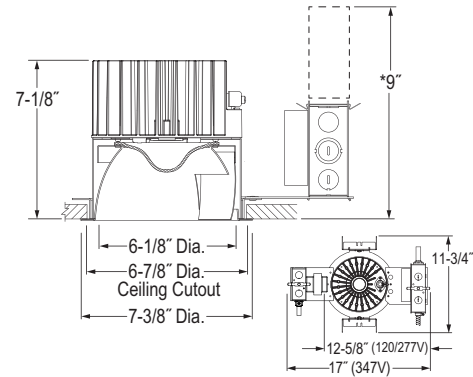
Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers

- Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations

- UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall
- I.B.E.W. Union made
- Wet location option available
- UL and cUL, RoHS compliant
- EMI complies with FCC 47, Part 15, Class A

Dimensions





L Series LED | L6 6" LED Parabolic Wall Wash 800-9000 Lumens, 8-92 Watts

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **L6-23353-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
L6	23	35	3	G3	LDI
L6	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V 3-347V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L600WS-CQ-WH**

Reflector	Color Options	Finish	Options
L600WS	C	Q	WH
L600WS Single Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange
L600WD Double Wall Wash	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White	
L600WC Corner Wall Wash			

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

◆Not available for 4000 Lumens and up.

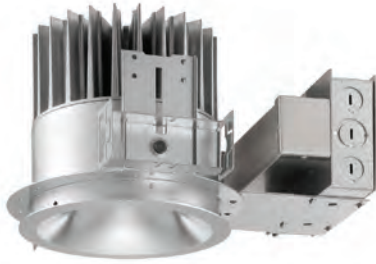
Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



L Series LED | L8 8" LED Hyperbolic New Construction Downlight

800-9000 Lumens, 8-92 Watts



Description

8" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Suitable for ceiling heights ranging from 8' to in excess of 100'. Efficacies up to 109 lm/w.

Features

Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Narrow flood, medium flood and wide flood distributions available

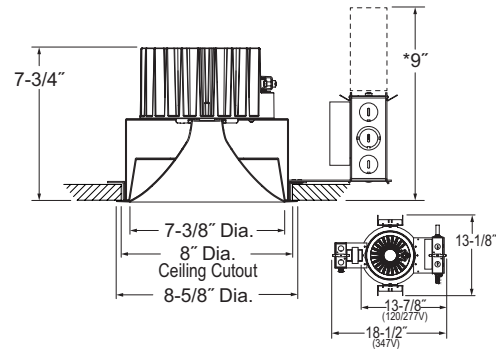
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions





L Series LED | L8 8" LED Hyperbolic New Construction Downlight

800-9000 Lumens, 8-92 Watts



Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **L8-23353-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
L8	23	35	3	G3	LDI
L8	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V 3-347V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L800HW-CQ-WH**

Reflector	Color Options	Finish	Options
L800HW	C	Q	WH
L800HN Medium Flood	▲C-Clear ▲G-Gold ▲WT-Wheat ▲PT-Pewter	Low Iridescent Alzak® ▲L-Specular ▲S-Satin	WH-White Flange
L800H Medium Flood	▲BZ-Bronze ▲B-Black ▲W-White	▲Q-Semi-Specular (Clear only) blank-White	
L800HW Wide Flood			

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

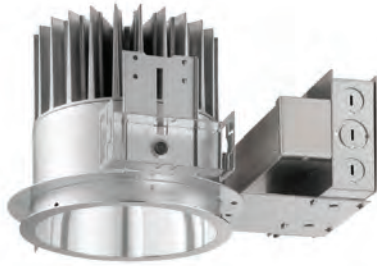
◆Not available for 4000 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

8" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Suitable for ceiling heights ranging from 8' to in excess of 100'. Efficacies up to 86 lm/w.

Features

Reflector Computer-optimized parabolic reflector with frosted conical lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off
 • Baffle: Black or white with white painted flange

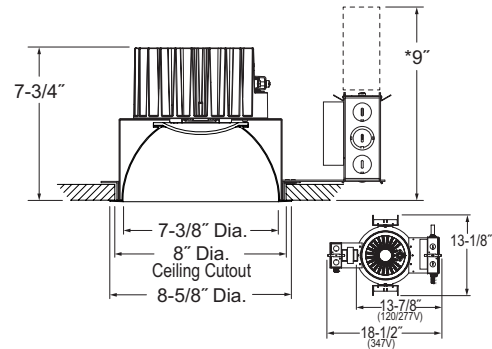
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available
 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A
 • ENERGY STAR® Qualified with select lumens and trims

Dimensions





L Series LED | L8 8" LED Parabolic New Construction Downlight

800-9000 Lumens, 8-92 Watts



Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **L8-23353-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
L8	23	35	3	G3	LDI
L8	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V 3-347V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L800P-CQ-WH**

Reflector	Color Options	Finish	Options
L800P	C	Q	WH
▲L800P Open Reflector L800B Black Baffle	▲C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular (Clear only) blank-Baffle & White	WH-White Flange WET-Wet Location

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

◆Not available for 4000 Lumens and up.

▲ENERGY STAR®

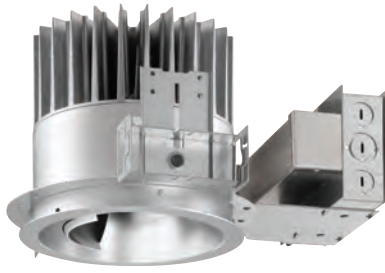
(see specification sheet for ENERGY STAR® Qualified products)

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



L Series LED | L8 8" LED Hyperbolic Wall Wash 800-9000 Lumens, 8-92 Watts



Description

8" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W.

Features

Reflector Computer-optimized hyperbolic trim with integral wall wash kicker and frosted bubble lens regressed into reflector provides uniform distribution with no striations

- Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control

- Consistent fixture to fixture color temperature within 3 SDCM
- CRI>80 standard, 90 & 97 CRI available
- Light engine mounts directly to heat sink and is easily replaceable
- LED Driver: Power factor>0.9
- Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall

- Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED
- Driver is accessible from above or below ceiling

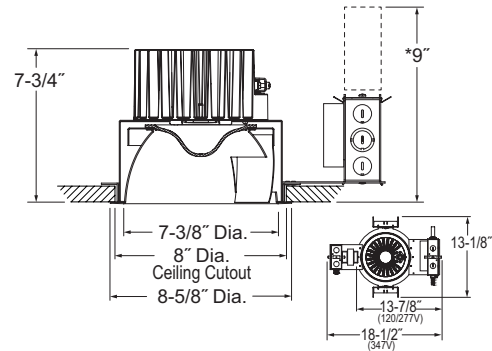
Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers

- Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations

- UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall
- I.B.E.W. Union made
- UL and cUL, RoHS compliant
- EMI complies with FCC 47, Part 15, Class A

Dimensions





L Series LED | L8 8" LED Hyperbolic Wall Wash 800-9000 Lumens, 8-92 Watts

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **L8-23353-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
L8	23	35	3	G3	LDI
L8	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U-120V-277V Universal 1-120V 2-277V 3-347V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L800WS-CQ-WH**

Reflector	Color Options	Finish	Options
L800WS	C	Q	WH
L800HWS Single Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

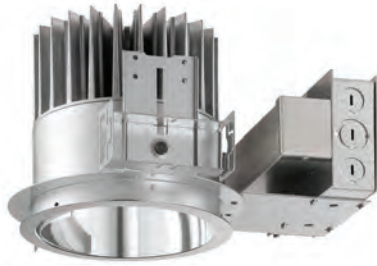
◆Not available for 4000 Lumens and up.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



L Series LED | L8 8" LED Parabolic Wall Wash 800-9000 Lumens, 8-92 Watts



Description

8" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W.

Features

Reflector Computer-optimized parabolic trim with integral wall wash kicker and frosted convexed lens regressed into cone provides uniform distribution with no striations

- Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control

- Consistent fixture to fixture color temperature within 3 SDCM
- CRI>80 standard, 90 & 97 CRI available
- Light engine mounts directly to heat sink and is easily replaceable
- LED Driver: Power factor>0.9
- Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall

- Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED
- Driver is accessible from above or below ceiling

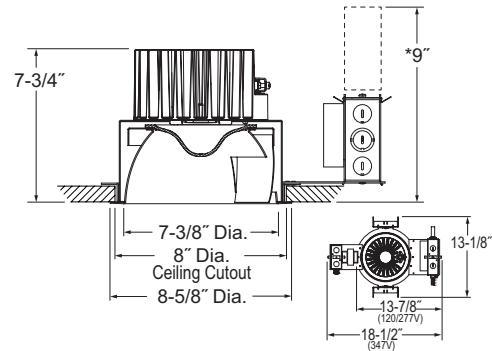
Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers

- Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations

- UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall
- I.B.E.W. Union made
- UL and cUL, RoHS compliant
- EMI complies with FCC 47, Part 15, Class A

Dimensions





L Series LED | L8 8" LED Parabolic Wall Wash 800-9000 Lumens, 8-92 Watts

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **L8-23353-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
L8	23	35	3	G3	LDI
L8	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V 3-347V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L800WS-CQ-WH**

Reflector	Color Options	Finish	Options
L800WS	C	Q	WH
L800WS Single Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange
L800WD Double Wall Wash	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White	
L800WC Corner Wall Wash			

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

◆Not available for 4000 Lumens and up.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



L Series LED | LRM4 4" LED Hyperbolic Remodel Downlight

800-4000 Lumens, 9-43 Watts



Description

4" LED Remodel installs from below ceiling • Available in (8) lumen packages ranging from 800 to 4000 lumens, with input wattages ranging from 8W to 43W. Comparable to 26W, 32W, 42W, 2x26W, 2x32W, 2x42W CFL and 39W, 70W, 100W CMH with energy savings up to 40%.

Features

Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Narrow flood, medium flood and wide flood distributions available

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: LRM4-17301-G3-LDI

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRM4	17	30	1	G3	LDI
LRM4	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U-120V-277V Universal 1-120V 2-277V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder ♦PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem®) ♦FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

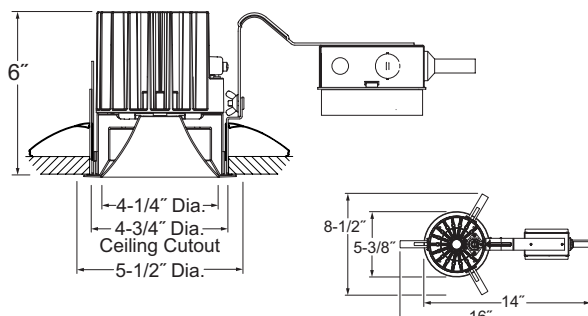
♦Not available for 4000 Lumens.

▲ENERGY STAR®
(see specification sheet for ENERGY STAR® Qualified products)

Example: L400HW-CQ-WH

Reflector	Color Options	Finish	Options
L400HW	C	Q	WH
L400HN Narrow Flood	▲C-Clear ▲G-Gold ▲WT-Wheat ▲PT-Pewter	Low Iridescent Alzak® ▲L-Specular ▲S-Satin	WH-White Flange
L400H Medium Flood	▲BZ-Bronze ▲B-Black ▲W-White	▲Q-Semi-Specular (Clear only) blank-White	
L400HW Wide Flood			

Dimensions





L Series LED | LRM4 4" LED Parabolic Remodel Downlight

800-4000 Lumens, 8-43 Watts



Description

4" LED Remodel installs from below ceiling • Available in (8) lumen packages ranging from 800 to 4000 lumens, with input wattages ranging from 8W to 43W. Comparable to 26W, 32W, 42W, 2x26W, 2x32W, 2x42W CFL and 39W, 70W, 100W CMH with energy savings up to 35%.

Features

Reflector Computer-optimized parabolic reflector with frosted conical lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off
• Baffle: Black or white with white painted flange

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available
• Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED
• Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select lumens and trims

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **LRM4-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRM4	17	30	1	G3	LDI
LRM4	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U-120V-277V Universal 1-120V 2-277V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

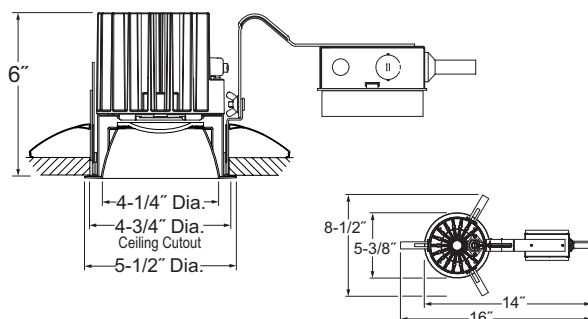
◆Not available for 4000 Lumens.

▲ENERGY STAR®
(see specification sheet for ENERGY STAR® Qualified products)

Example: **L400P-CQ-WH**

Reflector	Color Options	Finish	Options
L400P	C	Q	WH
▲L400P Open Reflector	▲C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® ▲L-Specular ▲S-Satin	WH-White Flange WET-Wet Location
L400B Black Baffle	BZ-Bronze B-Black W-White	▲Q-Semi-Specular (Clear only) blank-Baffle & White	

Dimensions





L Series LED | LRM4 4" LED Hyperbolic Remodel Wall Wash

800-4000 Lumens, 8-43 Watts



Description

4" LED Wall Wash is available in (8) lumen packages ranging from 800 to 4000 lumens, with input wattages ranging from 8W to 43W.

Features

Reflector Computer-optimized hyperbolic reflector with integral wall wash kicker and frosted bubble lens regressed into reflector provides uniform distribution with no striations

- Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control

- Consistent fixture to fixture color temperature within 3 SDCM
- CRI>80 standard, 90 & 97 CRI available
- Light engine mounts directly to heat sink and is easily replaceable
- LED Driver: Power factor>0.9
- Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available

- Secured in place by factory installed remodel springs
- Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness
- Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED
- Driver is accessible from below the ceiling

Labels and Listings UL listed for damp locations

- UL spacing requirement for 4000 lumen: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall
- I.B.E.W. Union made
- UL and cUL, RoHS compliant
- EMI complies with FCC 47, Part 15, Class A

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LRM4-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRM4	17	30	1	G3	LDI
LRM4	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder ♦PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ♦FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

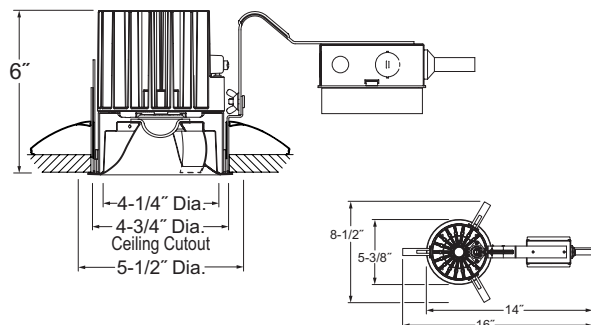
*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

♦Not available for 4000 Lumens.

Example: **L400HWS-PTS-WH**

Reflector	Color Options	Finish	Options
L400HWS	C	Q	WH
L400HWS Single Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

Dimensions





L Series LED | LRM4 4" LED Parabolic Remodel Wall Wash

800-4000 Lumens, 8-43 Watts



Description

4" LED Wall Wash is available in (8) lumen packages ranging from 800 to 4000 lumens, with input wattages ranging from 8W to 43W.

Features

Reflector Computer-optimized parabolic trim with integral wall wash kicker and frosted convex lens regressed into cone provides uniform distribution with no striations

- Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available

- Light engine mounts directly to heat sink and is easily replaceable
- LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED

- Driver is accessible from below the ceiling

Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **LRM4-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRM4	17	30	1	G3	LDI
LRM4	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder ♦PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ♦FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

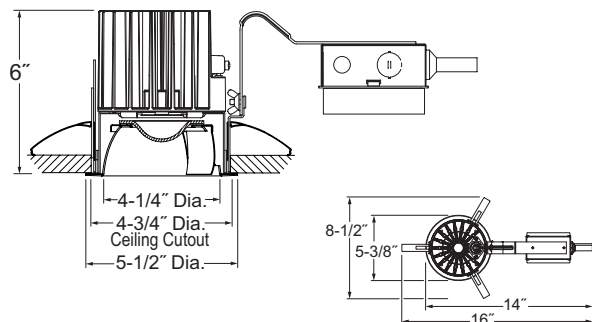
*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

♦Not available for 4000 Lumens.

Example: **L400WS-CQ-WH**

Reflector	Color Options	Finish	Options
L400WS	C	Q	WH
L400WS Single Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH- White Flange
L400WD Double Wall Wash	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White	
L400WC Corner Wall Wash			

Dimensions





L Series LED | LRM6 6" LED Hyperbolic Remodel Downlight

800-9000 Lumens, 8-92 Watts



Description

6" LED Remodel installs from below ceiling • Available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Suitable for ceiling heights ranging from 8' to in excess of 100'. Efficacies up to 110 lm/w.

Features

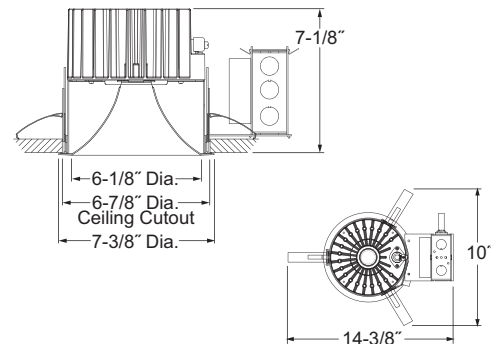
Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Narrow Flood, medium flood and wide flood distributions available

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions





L Series LED | LRM6 6" LED Hyperbolic Remodel Downlight

800-9000 Lumens, 8-92 Watts



Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **LRM6-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRM6	17	30	1	G3	LDI
LRM6	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L600HW-CQ-WH**

Reflector	Color Options	Finish	Options
L600HW	C	Q	WH
L600HN Medium Flood	▲C-Clear ▲G-Gold ▲WT-Wheat ▲PT-Pewter	Low Iridescent Alzak® ▲L-Specular ▲S-Satin	WH-White Flange
L600H Medium Flood	▲BZ-Bronze ▲B-Black ▲W-White	▲Q-Semi-Specular (Clear only) blank-White	
L600HW Wide Flood			

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

◆Not available for 4000 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)



L Series LED | LRM6 6" LED Parabolic Remodel Downlight

800-9000 Lumens, 8-92 Watts



Description

6" LED Remodel installs from below ceiling • Available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 9W to 92W. Suitable for ceiling heights ranging from 8' to in excess of 100'. Efficacies up to 86 lm/w.

Features

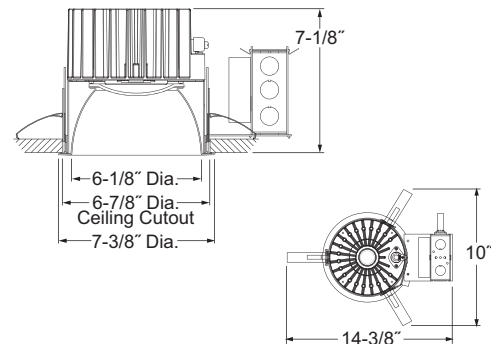
Reflector Computer-optimized parabolic reflector with frosted conical lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off
• Baffle: Black or white with white flange

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available
• Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant
• EMI complies with FCC 47, Part 15, Class A • ENERGY STAR®

Dimensions select lumens and trims





L Series LED | LRM6 6" LED Parabolic Remodel Downlight

800-9000 Lumens, 9-92 Watts



Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **LRM6-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRM6	17	30	1	G3	LDI
LRM6	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L600P-CQ-WH**

Reflector	Color Options	Finish	Options
L600P	C	Q	WH
▲L600P Open Reflector	▲C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® ▲L-Specular ▲S-Satin	WH-White Flange WET-Wet Location
L600B Black Baffle	BZ-Bronze B-Black W-White	▲Q-Semi-Specular (Clear only) blank-Baffle & White	

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

◆Not available for 4000 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)



L Series LED | LRM6 6" LED Hyperbolic Remodel Wall Wash

800-9000 Lumens, 8-92 Watts



Description

6" LED Wall Wash available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W.

Features

Reflector Computer-optimized hyperbolic reflector with integral wall wash kicker and frosted bubble lens regressed into reflector provides uniform distribution with no striations

- Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control

- Consistent fixture to fixture color temperature within 3 SDCM
- CRI>80 standard, 90 & 97 CRI available
- Light engine mounts directly to heat sink and is easily replaceable
- LED Driver: Power factor>0.9
- Dimmable via 0-10V protocol

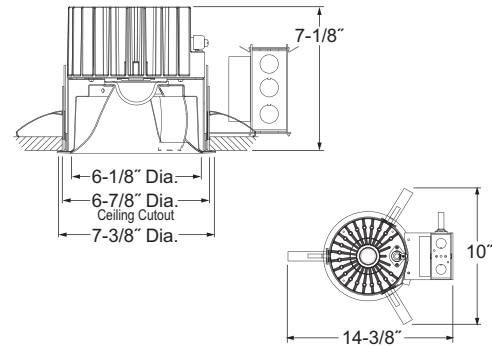
Housing Installs from below ceiling in applications where above ceiling access is not available

- Secured in place by factory installed remodel springs
- Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness
- Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED
- Driver is accessible from below the ceiling

Labels and Listings UL listed for damp locations

- UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall
- I.B.E.W. Union made
- UL and cUL, RoHS compliant
- EMI complies with FCC 47, Part 15, Class A

Dimensions





L Series LED | LRM6 6" LED Hyperbolic Remodel Wall Wash

800-9000 Lumens, 8-92 Watts

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **LRM6-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRM6	17	30	1	G3	LDI
LRM6	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem®) ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L600HWS-PTS-WH**

Reflector	Color Options	Finish	Options
L600HWS	C	Q	WH
L800HWS Single Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

◆Not available for 4000 Lumens and up.



L Series LED | LRM6 6" LED Parabolic Remodel Wall Wash

800-9000 Lumens, 8-92 Watts



Description

6" LED Wall Wash available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W.

Features

Reflector Computer-optimized parabolic trim with integral wall wash kicker and frosted convexed lens regressed into cone provides uniform distribution with no striations

- Concealed LED array provides superior aesthetic appeal both on and off

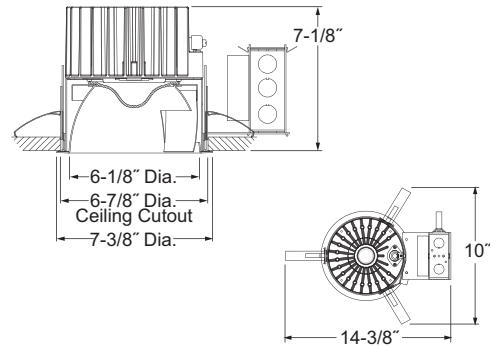
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available

- Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from below the ceiling

Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Dimensions





L Series LED | LRM6 6" LED Parabolic Remodel Wall Wash

800-9000 Lumens, 8-92 Watts

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **LRM6-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRM6	17	30	1	G3	LDI
LRM6	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem®) ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L600WS-CQ-WH**

Reflector	Color Options	Finish	Options
L600WS	C	Q	WH
L600WS Single Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange
L600WD Double Wall Wash	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White	
L600WC Corner Wall Wash			

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

◆Not available for 4000 Lumens and up.



L Series LED | LRM8 8" LED Hyperbolic Remodel Downlight

800-9000 Lumens, 8-92 Watts



Description

8" LED Remodel installs from below ceiling • Available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Suitable for ceiling heights ranging from 8' to in excess of 100'. Efficacies up to 109 lm/w.

Features

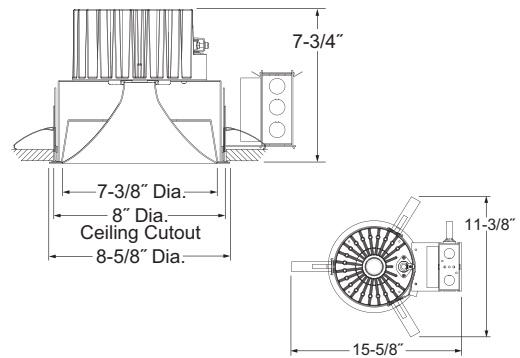
Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Narrow flood, medium flood and wide flood distributions available

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • **LED Driver:** Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • **Passive Cooling:** Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions





L Series LED | LRM8 8" LED Hyperbolic Remodel Downlight

800-9000 Lumens, 8-92 Watts



Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **LRM8-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRM8	17	30	1	G3	LDI
LRM8	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L800HW-CQ-WH**

Reflector	Color Options	Finish	Options
L800HW	C	Q	WH
L800HN Narrow Flood	▲C-Clear ▲G-Gold ▲WT-Wheat ▲PT-Pewter	Low Iridescent Alzak® ▲L-Specular ▲S-Satin	WH-White Flange
L800H Medium Flood	▲BZ-Bronze ▲B-Black ▲W-White	▲Q-Semi-Specular (Clear only) blank-White	
L800HW Wide Flood			

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

◆Not available for 4000 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)



L Series LED | LRM8 8" LED Parabolic Remodel Downlight

800-9000 Lumens, 8-92 Watts



Description

8" LED Remodel installs from below ceiling • Available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Suitable for ceiling heights ranging from 8' to in excess of 100'. Efficacies up to 86 lm/w.

Features

Reflector Computer-optimized parabolic reflector with frosted conical lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

- Baffle: Black or white with white painted flange

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available

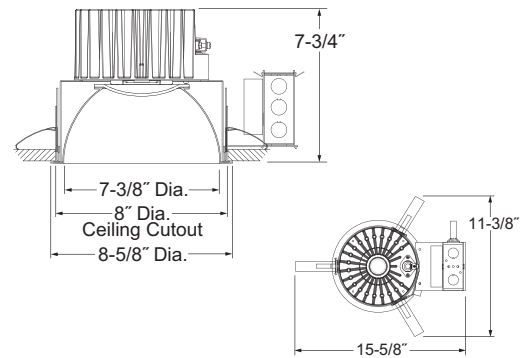
- Light engine mounts directly to heat sink and is easily replaceable
- LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol,

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant

- EMI complies with FCC 47, Part 15, Class A • ENERGY STAR®

Dimensions select lumens and trims





L Series LED | LRM8 8" LED Parabolic Remodel Downlight

800-9000 Lumens, 8-92 Watts



Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **LRM8-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRM8	17	30	1	G3	LDI
LRM8	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L800P-CQ-WH**

Reflector	Color Options	Finish	Options
L800P	C	Q	WH
▲L800P Open Reflector	▲C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® ▲L-Specular ▲S-Satin	WH-White Flange WET-Wet Location
L800B Black Baffle	BZ-Bronze B-Black W-White	▲Q-Semi-Specular (Clear only) blank-Baffle & White	

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

◆Not available for 4000 Lumens and up.

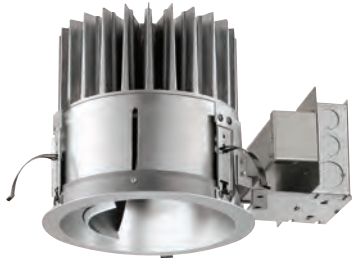
▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)



L Series LED | LRM8 8" LED Hyperbolic Remodel Wall Wash

800-9000 Lumens, 8-92 Watts



Description

8" LED Wall Wash is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W.

Features

Reflector Computer-optimized hyperbolic reflector with integral wall wash kicker and frosted bubble lens regressed into reflector provides uniform distribution with no striations

- Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control

- Consistent fixture to fixture color temperature within 3 SDCM
- CRI>80 standard, 90 & 97 CRI available
- Light engine mounts directly to heat sink and is easily replaceable
- LED Driver: Power factor>0.9
- Dimmable via 0-10V protocol,

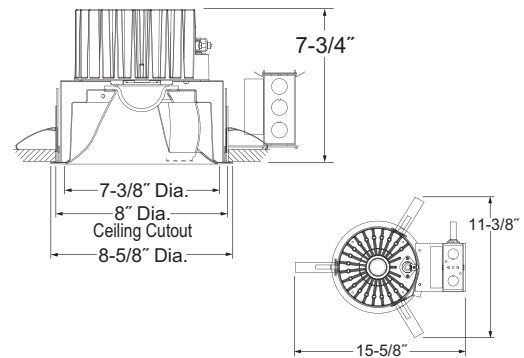
Housing Installs from below ceiling in applications where above ceiling access is not available

- Secured in place by factory installed remodel springs
- Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness
- Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED
- Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations

- UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall
- I.B.E.W. Union made
- UL and cUL, RoHS compliant
- EMI complies with FCC 47, Part 15, Class A

Dimensions





L Series LED | LRM8 8" LED Hyperbolic Remodel Wall Wash

800-9000 Lumens, 8-92 Watts

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **LRM8-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRM8	17	30	1	G3	LDI
LRM8	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L800HWS-PTS-WH**

Reflector	Color Options	Finish	Options
L800HWS	C	Q	WH
L800HWS Single Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

◆Not available for 4000 Lumens and up.



L Series LED | LRM8 8" LED Parabolic Remodel Wall Wash

800-9000 Lumens, 8-92 Watts



Description

8" LED Wall Wash is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W.

Features

Reflector Computer-optimized parabolic trim with integral wall wash kicker and frosted convexed lens regressed into cone provides uniform distribution with no striations

- Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control

- Consistent fixture to fixture color temperature within 3 SDCM
- CRI>80 standard, 90 & 97 CRI available
- Light engine mounts directly to heat sink and is easily replaceable
- LED Driver: Power factor>0.9
- Dimmable via 0-10V protocol,

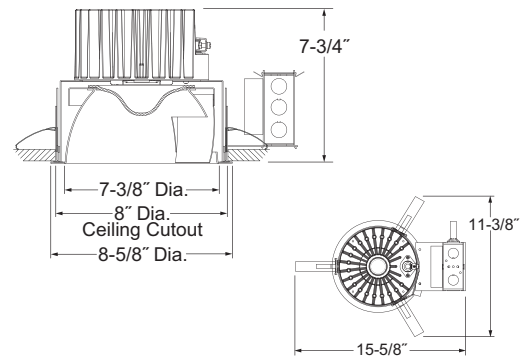
Housing Installs from below ceiling in applications where above ceiling access is not available

- Secured in place by factory installed remodel springs
- Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness
- Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED
- Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations

- UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall
- I.B.E.W. Union made
- UL and cUL, RoHS compliant
- EMI complies with FCC 47, Part 15, Class A

Dimensions





L Series LED | LRM8 8" LED Parabolic Remodel Wall Wash

800-9000 Lumens, 8-92 Watts

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **LRM8-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRM8	17	30	1	G3	LDI
LRM8	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only

Example: **L800WS-CQ-WH**

Reflector	Color Options	Finish	Options
L800WS	C	Q	WH
L800WS Single Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange
L800WD Double Wall Wash	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White	
L800WC Corner Wall Wash			

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

◆Not available for 4000 Lumens and up.



L Series LED | LRT6 6" LED Hyperbolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Description

6" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Comparable to 26W, 32W, 42W, 2x26W, 2x32W, 2x42W CFL and 39W, 70W, 100W ED17 CMH with energy savings up to 40%. Accommodates apertures 6" to 6 5/8" diameter.

Features

Hyperbolic Reflector Unique patent pending hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness

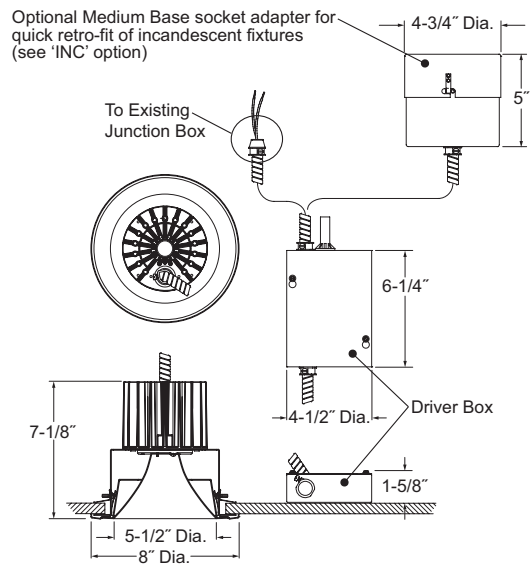
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • **Passive Cooling:** Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • **Active Cooling:** Low noise, high efficiency, long life fan with ultra-low thermal resistance heat sink ensures long life and maximum performance of LEDs on light weight units of 4,500 lumens and higher • Driver is accessible from above or below ceiling

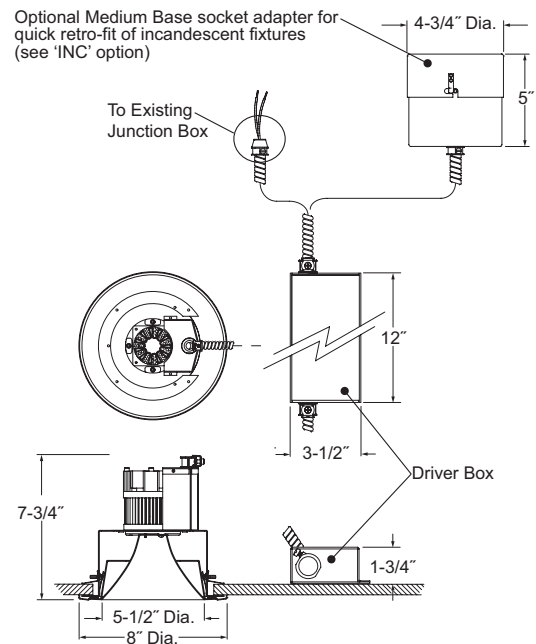
Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions

Passive Cooling Dimensions: 800 - 4000 Lumens



Active Cooling Dimensions: 4500 - 9000 Lumens





L Series LED | LRT6 6" LED Hyperbolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LRT6-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRT6	17	30	1	G3	LDI
LRT6	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI (All lumen and CCT configurations) 97-97 CRI (2800-4000 lumens, 2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum (800-4000 lumens only) +BR-Emergency Battery Pack w/ Remote Test Switch (cannot be used w/ INC option) +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch (Cannot be used w/ INC option) ‡INC-Medium base socket adapter for quick retro-fit of incandescent fixtures (120V only) ◆PD-Lutron driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only •LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options)

Example: **LRT600HW-CS**

Reflector	Color Options	Finish	Options
LRT600HW	C	Q	WH
LRT600HN Hyperbolic Narrow Flood	▲C-Clear W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular (Clear only) blank-White	WH- White Painted Flange
LRT600H Hyperbolic Medium Flood			
LRT600HW Hyperbolic Wide Flood			

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

‡INC option requires 120V at socket.

◆Not available for 4000 Lumens and up.

•Not available for 4500 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)



L Series LED | LRT6 6" LED Parabolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Description

6" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Comparable to 26W, 32W, 42W, 2x26W CFL with energy savings up to 35%. Accommodates apertures 6" to 6 5/8" diameter.

Features

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off • Baffle: Black or white with white painted flange

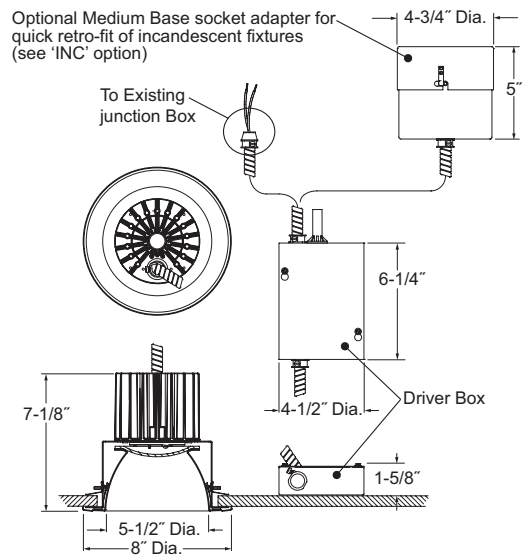
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Active Cooling: Low noise, high efficiency, long life fan with ultra-low thermal resistance heat sink ensures long life and maximum performance of LEDs on light weight units of 4,500 lumens and higher • Driver is accessible from above or below ceiling

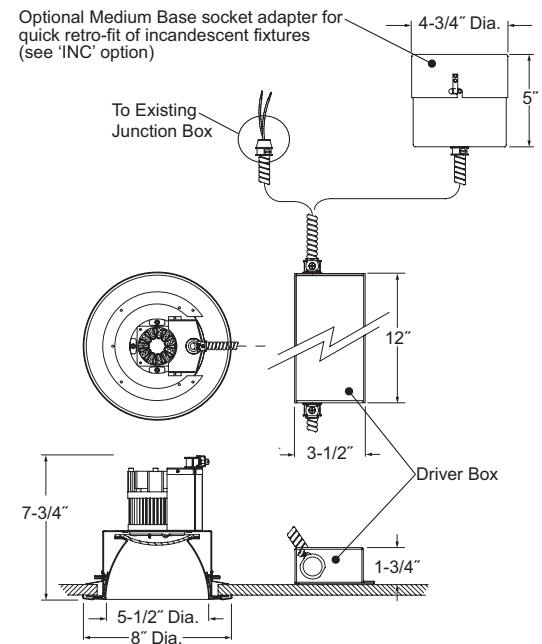
Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions

Passive Cooling Dimensions: 800 - 4000 Lumens



Active Cooling Dimensions: 4500 - 9000 Lumens





L Series LED | LRT6 6" LED Parabolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LRT6-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRT6	17	30	1	G3	LDI
LRT6	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI (All lumen and CCT configurations) 97-97 CRI (2800-4000 lumens, 2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum (800-4000 lumens only) +BR-Emergency Battery Pack w/ Remote Test Switch (cannot be used w/ INC option) +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch (Cannot be used w/ INC option) ‡INC-Medium base socket adapter for quick retro-fit of incandescent fixtures (120V only) ◆PD-Lutron driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only •LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options)

Example: **LRT600P-CS**

Reflector	Color Options	Finish	Options
LRT600P	C	Q	WH
LRT600P Parabolic Open Reflector	▲C-Clear W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular blank-White	WH-White Painted Flange (Standard on Baffle) WET-Wet Location
LRT600B Baffle	B-Black W-White		

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

‡INC option requires 120V at socket.

◆Not available for 4000 Lumens and up.

•Not available for 4500 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)





L Series LED | LRT6 6" LED Parabolic Wall Wash Retrofit-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Description

6" LED Wall Wash is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Comparable to 26W, 32W, 42W, 2x26W CFL and 39W, 70W ED17 CMH with energy savings up to 40%. Accommodates apertures 6" to 6 5/8" diameter.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall washer and frosted convex lens regressed into cone provides uniform distribution with no striations

- Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control

- Consistent fixture to fixture color temperature within 3 SDCM
- CRI>80 standard, 90 & 97 CRI available
- Light engine mounts directly to heat sink and is easily replaceable
- LED Driver: Power factor>0.9
- Dimmable via 0-10V protocol

Housing Installs from below ceiling

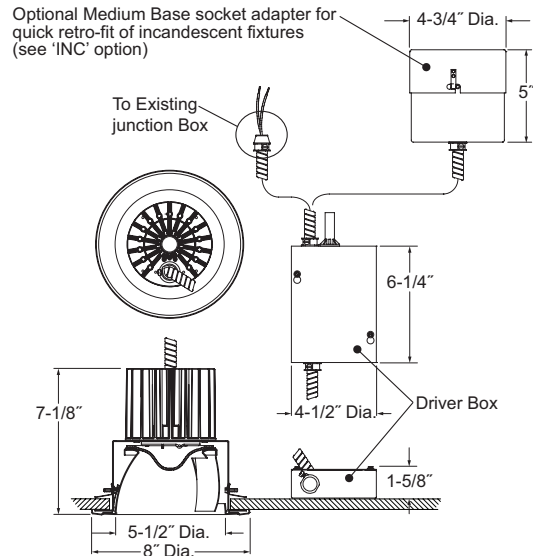
- Secured in place by three (3) tension clips
- Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED
- Active Cooling: Low noise, high efficiency, long life fan with ultra-low thermal resistance heat sink ensures long life and maximum performance of LEDs on light weight units of 4,500 lumens and higher
- Driver is accessible from above or below ceiling

Labels and Listings UL listed for damp locations

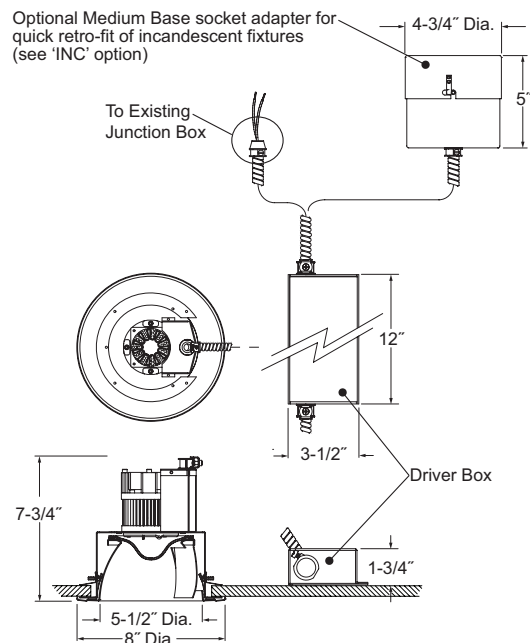
- UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall
- I.B.E.W. Union made
- UL and cUL, RoHS compliant
- EMI complies with FCC 47, Part 15, Class A

Dimensions

Passive Cooling Dimensions: 800 - 4000 Lumens



Active Cooling Dimensions: 4500 - 9000 Lumens





L Series LED | LRT6 6" LED Parabolic Wall Wash Retrofit-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LRT6-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRT6	17	30	1	G3	LDI
LRT6	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI (All lumen and CCT configurations) 97-97 CRI (2800-4000 lumens, 2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum (800-4000 lumens only) +BR-Emergency Battery Pack w/ Remote Test Switch (cannot be used w/ INC option) +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch (Cannot be used w/ INC option) ‡INC-Medium base socket adapter for quick retro-fit of incandescent fixtures (120V only) ◆PD-Lutron driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem®) ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only •LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options)

Example: **LRT600WS-CQ**

Reflector	Color Options	Finish	Options
LRT600WS	C	Q	WH
LRT600WS Single Wall Wash	C-Clear W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular blank-White	WH-White Painted Flange

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

‡INC option requires 120V at socket.

◆Not available for 4000 Lumens and up.

•Not available for 4500 Lumens and up.



L Series LED | LRT8 8" LED Hyperbolic Retrofit Downlight-Converts CFL, HID, Incandescent 800-9000 Lumens, 8-92 Watts



Description

8" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Comparable to 26W, 32W, 42W, 2x26W, 2x32W, 2x42W CFL and 39W, 70W, 100W ED17 CMH with energy savings up to 40%. Accommodates apertures 7 5/8" to 8 1/8" diameter.

Features

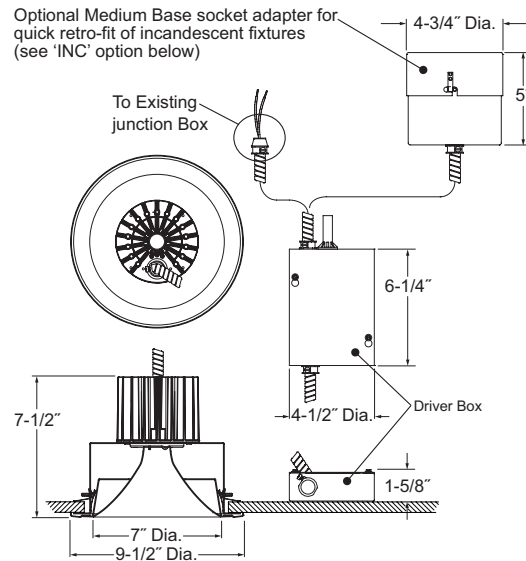
Hyperbolic Reflector Unique patent pending hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from above or below ceiling

Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions





L Series LED | LRT8 8" LED Hyperbolic Retrofit Downlight-Converts CFL, HID, Incandescent 800-9000 Lumens, 8-92 Watts



Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LRT8-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRT8	17	30	1	G3	LDI
LRT8	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI (All lumen and CCT configurations) 97-97 CRI (2800-4000 lumens, 2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum (800-4000 lumens only) +BR-Emergency Battery Pack w/ Remote Test Switch (cannot be used w/ INC option) +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch (Cannot be used w/ INC option) ‡INC-Medium base socket adapter for quick retro-fit of incandescent fixtures (120V only) ◆PD-Lutron driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem®) ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options)

Example: **LRT800HW-CS**

Reflector	Color Options	Finish	Options
LRT800HW	C	Q	WH
LRT800HN Hyperbolic Narrow Flood	▲C-Clear W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular (Clear only) blank-White	WH- White Painted Flange
LRT800H Hyperbolic Medium Flood			
LRT800HW Hyperbolic Wide Flood			

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

‡INC option requires 120V at socket.

◆Not available for 4000 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)



L Series LED | LRT8 8" LED Parabolic Retrofit Downlight-Converts CFL, HID, Incandescent 800-9000 Lumens, 8-92 Watts



Description

8" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Comparable to 26W, 32W, 42W, 2x26W, 2x32W, CFL and 39W, 70W ED17 CMH with energy savings up to 35%. Accommodates apertures 7 5/8" to 8 1/8" diameter.

Features

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • **Concealed LED array** provides superior aesthetic appeal both on and off

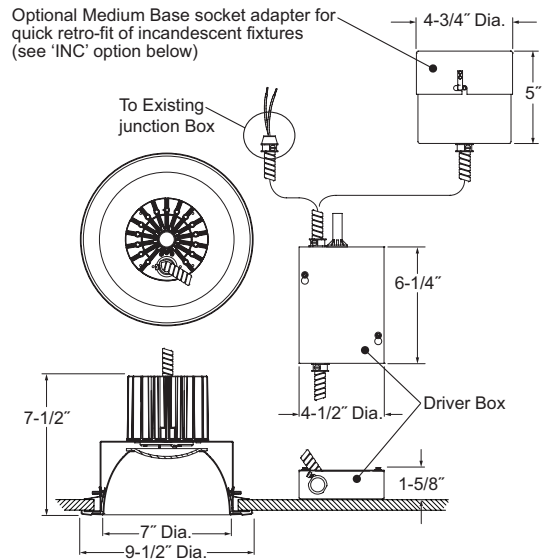
Baffle White or black painted deep multi-groove aluminum baffle insert with integral flange and frosted convexed glass lens

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • **LED Driver:** Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • **Passive Cooling:** Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from above or below ceiling

Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions





L Series LED | LRT8 8" LED Parabolic Retrofit Downlight-Converts CFL, HID, Incandescent 800-9000 Lumens, 8-92 Watts



Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LRT8-17301-G2-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRT8	17	30	1	G2	LDI
LRT8	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G2	90-90 CRI (All lumen and CCT configurations) 97-97 CRI (2800-4000 lumens, 2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum (800-4000 lumens only) +BR-Emergency Battery Pack w/ Remote Test Switch (cannot be used w/ INC option) +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch (Cannot be used w/ INC option) ‡INC-Medium base socket adapter for quick retro-fit of incandescent fixtures (120V only) ◆PD-Lutron driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options)

Example: **LRT800P-CS**

Reflector	Color Options	Finish	Options
LRT800P	C	Q	WH
LRT800P Parabolic Open Reflector	▲C-Clear W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular blank-White	WH-White Painted Flange (Standard on Baffle) WET-Wet Location
LRT800B Baffle	B-Black W-White		

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

‡INC option requires 120V at socket.

◆Not available for 4000 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)



L Series LED | LRT8 8" LED Parabolic Wall Wash Retrofit-Converts CFL, HID, Incandescent 800-9000 Lumens, 8-92 Watts



Description

8" LED Wall Wash is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Comparable to 26W, 32W, 42W, 2x26W CFL and 39W, 70W ED17 CMH with energy savings up to 40%. Accommodates apertures 7 5/8" to 8 1/8" diameter.

Features

Reflector/Lens Computer-optimized parabolic reflector with integral wall wash kicker and frosted convexed lens regressed into cone provides uniform distribution with no striations

- Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control

- Consistent fixture to fixture color temperature within 3 SDCM
- CRI>80 standard, 90 & 97 CRI available
- Light engine mounts directly to heat sink and is easily replaceable
- LED Driver: Power factor>0.9
- Dimmable via 0-10V protocol

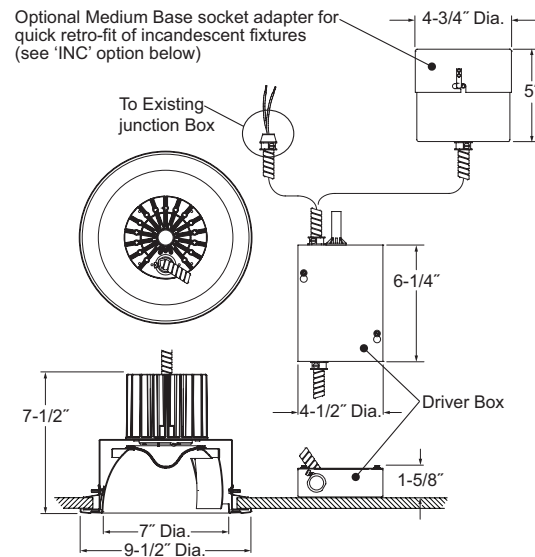
Housing Installs from below ceiling

- Secured in place by three (3) tension clips
- Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED
- Driver is accessible from above or below ceiling

Labels and Listings UL listed for damp locations

- UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall
- I.B.E.W. Union made
- UL and cUL, RoHS compliant
- EMI complies with FCC 47, Part 15, Class A

Dimensions





L Series LED | LRT8 8" LED Parabolic Wall Wash Retrofit-Converts CFL, HID, Incandescent 800-9000 Lumens, 8-92 Watts

Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LRT8-17301-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRT8	17	30	1	G3	LDI
LRT8	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI (All lumen and CCT configurations) 97-97 CRI (2800-4000 lumens, 2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum (800-4000 lumens only) +BR-Emergency Battery Pack w/ Remote Test Switch (cannot be used w/ INC option) +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch (Cannot be used w/ INC option) ‡INC-Medium base socket adapter for quick retro-fit of incandescent fixtures (120V only) ◆PD-Lutron driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem®) ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options)

Example: **LRT800WS-CQ**

Reflector	Color Options	Finish	Options
LRT800WS	C	Q	WH
LRT800WS Single Wall Wash	C-Clear W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular blank-White	WH-White Painted Flange

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V.

‡INC option requires 120V at socket.

◆Not available for 4000 Lumens and up.



L Series LED | LRT9 9" LED Hyperbolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Description

9" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Comparable to 26W, 32W, 42W, 2x26W, 2x32W, 2x42W CFL and 39W, 70W, 100W ED17 CMH with energy savings up to 40%. Accommodates apertures 9" to 9 5/8" diameter.

Features

Hyperbolic Reflector Unique patent pending hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness

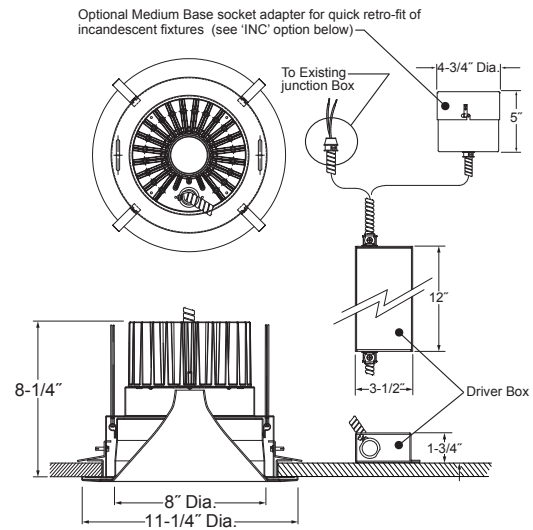
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from above or below ceiling

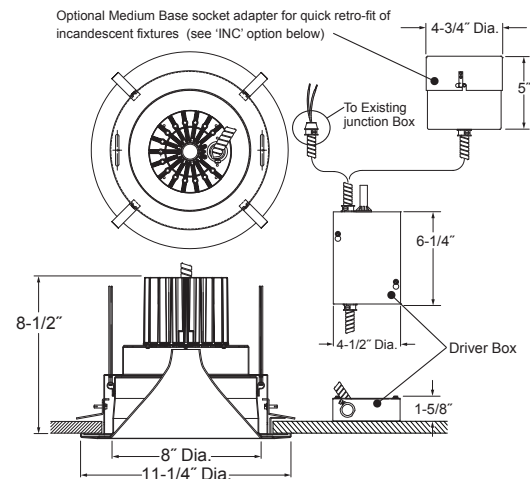
Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions

6000 - 9000 Lumens



800 - 5500 Lumens





L Series LED | LRT9 9" LED Hyperbolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LRT9-23352-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRT9	23	35	2	G3	LDI
LRT9	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI (All lumen and CCT configurations) 97-97 CRI (2800-4000 lumens, 2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch (cannot be used w/ INC option) ‡INC-Medium base socket adapter for quick retro-fit of incandescent fixtures (120V only) ◆PD-Lutron driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options)

Example: **LRT900HW-CS**

Reflector	Color Options	Finish	Options
LRT900HW	C	Q	WH
LRT900HN Hyperbolic Narrow Flood	▲C-Clear W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular (Clear only) blank-White	WH- White Painted Flange
LRT900H Hyperbolic Medium Flood			
LRT900HW Hyperbolic Wide Flood			

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V or CP.

‡INC option requires 120V at socket.

◆Not available for 4000 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)



L Series LED | LRT9 9" LED Parabolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Description

9" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Comparable to 26W, 32W, 42W, 2x26W CFL with energy savings up to 35%. Accommodates apertures 9" to 9 5/8" diameter.

Features

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • **Concealed LED array** provides superior aesthetic appeal both on and off

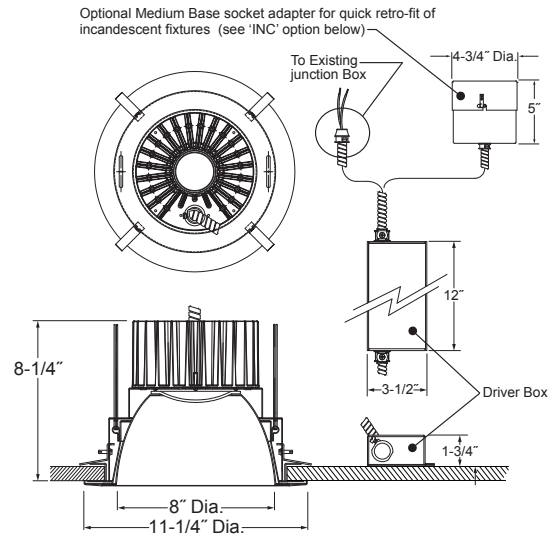
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • **LED Driver:** Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • **Passive Cooling:** Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from above or below ceiling

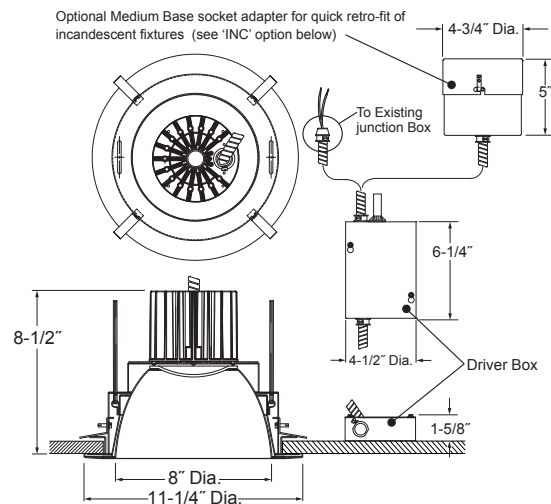
Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions

6000 - 9000 Lumens



800 - 5500 Lumens





L Series LED | LRT9 9" LED Parabolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LRT9-1540U-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRT9	15	40	U	G3	LDI
LRT9	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI (All lumen and CCT configurations) 97-97 CRI (2800-4000 lumens, 2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch (cannot be used w/ INC option) +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch (Cannot be used w/ INC option) ‡INC-Medium base socket adapter for quick retro-fit of incandescent fixtures (120V only) ◆PD-Lutron driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options)

Example: **LRT900P-CS**

Reflector	Color Options	Finish	Options
LRT900P	C	Q	WH
LRT900P Parabolic Open Reflector	▲C-Clear W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular blank-White	WH-White Painted Flange WET-Wet Location

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V or CP.

‡INC option requires 120V at socket.

◆Not available for 4000 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)



L Series LED | LRT10 10" LED Hyperbolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Description

10" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Comparable to 26W, 32W, 42W, 2x26W, 2x32W, 2x42W CFL and 39W, 70W, 100W ED17 CMH with energy savings up to 40%. Accommodates apertures 10" to 10 5/8" diameter.

Features

Hyperbolic Reflector Unique patent pending hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness

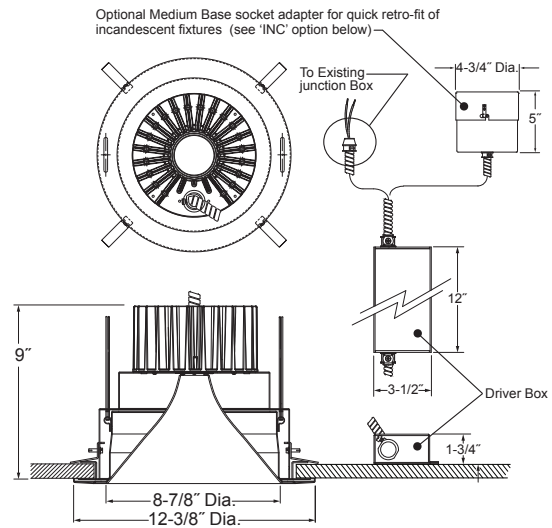
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from above or below ceiling

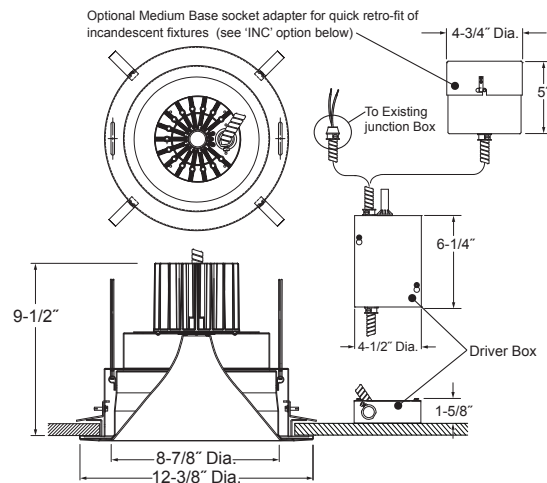
Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions

6000 - 9000 Lumens



800 - 5500 Lumens





L Series LED | LRT10 10" LED Hyperbolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LRT10-23352-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRT10	23	35	2	G3	LDI
LRT10	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI (All lumen and CCT configurations) 97-97 CRI (2800-4000 lumens, 2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch (cannot be used w/ INC option) ‡INC-Medium base socket adapter for quick retro-fit of incandescent fixtures (120V only) ◆PD-Lutron driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only LDI-Lumen Depreciation Indicator (Cannot be used w/ BR option)

Example: **LRT1000H-CS**

Reflector	Color Options	Finish	Options
LRT1000H	C	Q	WH
LRT1000HN Hyperbolic Narrow Flood	▲C-Clear W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular (Clear only) blank-White	WH- White Painted Flange
LRT1000H Hyperbolic Medium Flood			
LRT1000HW Hyperbolic Wide Flood			

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V or CP.

‡INC option requires 120V at socket.

◆Not available for 4000 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)



L Series LED | LRT10 10" LED Parabolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Description

10" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Comparable to 26W, 32W, 42W, 2x26W CFL with energy savings up to 35%. Accommodates apertures 10" to 10 5/8" diameter.

Features

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • **Concealed LED array** provides superior aesthetic appeal both on and off

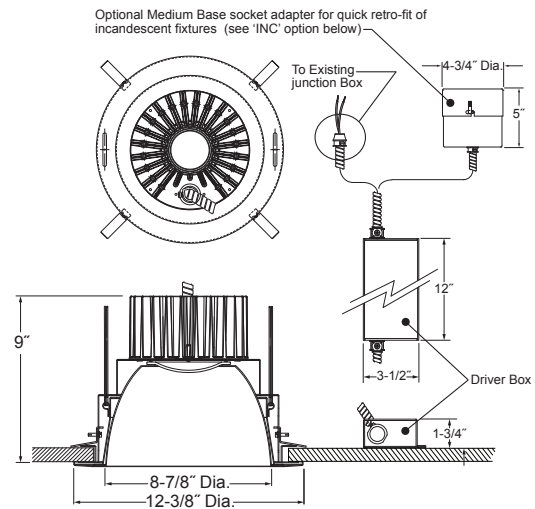
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • **Consistent fixture to fixture color temperature** within 3 SDCM • **CRI**>80 standard, 90 & 97 CRI available • **Light engine** mounts directly to heat sink and is easily replaceable • **LED Driver:** Power factor>0.9 • **Dimmable** via 0-10V protocol

Housing Installs from below ceiling • **Secured in place** by three (3) tension clips • **Passive Cooling:** Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • **Driver** is accessible from above or below ceiling

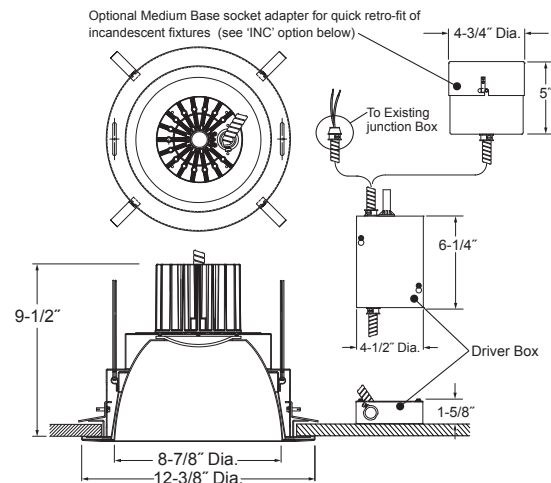
Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • **ENERGY STAR®** Qualified with select trims

Dimensions

6000 - 9000 Lumens



800 - 5500 Lumens





L Series LED | LRT10 10" LED Parabolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LRT10-23352-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRT10	23	35	2	G3	LDI
LRT10	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI (All lumen and CCT configurations) 97-97 CRI (2800-4000 lumens, 2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch (cannot be used w/ INC option) ‡INC-Medium base socket adapter for quick retro-fit of incandescent fixtures (120V only) ◆PD-Lutron driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only LDI-Lumen Depreciation Indicator (Cannot be used w/ BR option)

Example: **LRT1000P-CS**

Reflector	Color Options	Finish	Options
LRT1000P	C	Q	WH
LRT1000P Parabolic Open Reflector	▲C-Clear W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular blank-White	WH- White Painted Flange WET- Wet Location

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V or CP.

‡INC option requires 120V at socket.

◆Not available for 4000 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)



L Series LED | LRT12 12" LED Hyperbolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Description

12" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Comparable to 26W, 32W, 42W, 2x26W, 2x32W, 2x42W CFL and 39W, 70W, 100W ED17 CMH with energy savings up to 40%. Accommodates apertures 12" to 12 5/8" diameter.

Features

Hyperbolic Reflector Unique patent pending hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness

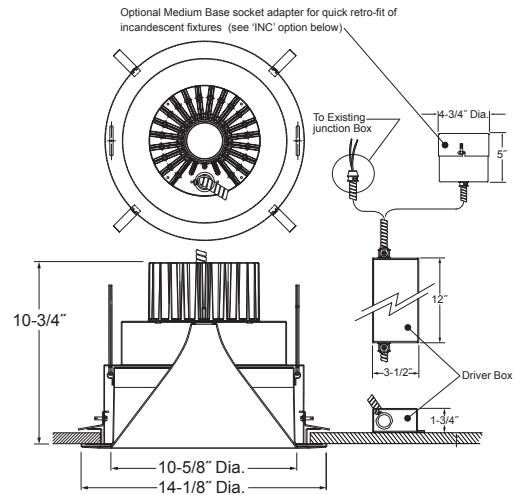
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Passive Cooling: Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from above or below ceiling

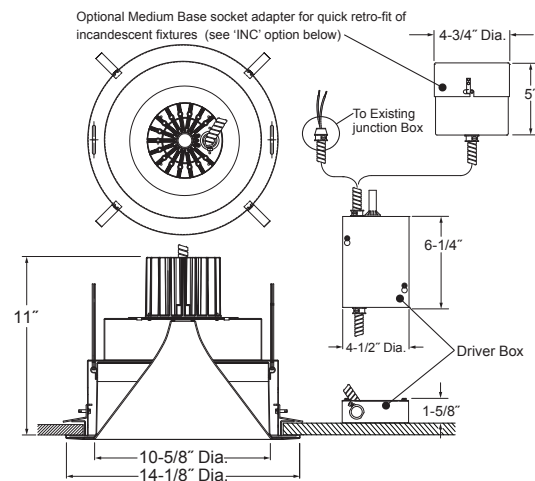
Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions

6000 - 9000 Lumens



800 - 5500 Lumens





L Series LED | LRT12 12" LED Hyperbolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LRT12-23352-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRT12	23	35	2	G3	LDI
LRT12	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI (All lumen and CCT configurations) 97-97 CRI (2800-4000 lumens, 2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch (cannot be used w/ INC option) ‡INC-Medium base socket adapter for quick retro-fit of incandescent fixtures (120V only) ◆PD-Lutron driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only LDI-Lumen Depreciation Indicator (Cannot be used w/ BR option)

Example: **LRT1200H-CS**

Reflector	Color Options	Finish	Options
LRT1200H	C	Q	WH
LRT1200HN Hyperbolic Narrow Flood	▲C-Clear W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular (Clear only) blank-White	WH- White Painted Flange
LRT1200H Hyperbolic Medium Flood			
LRT1200HW Hyperbolic Wide Flood			

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V or CP.

‡INC option requires 120V at socket.

◆Not available for 4000 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)



L Series LED | LRT12 12" LED Parabolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Description

12" LED Downlight is available in (18) lumen packages ranging from 800 to 9000 lumens, with input wattages ranging from 8W to 92W. Comparable to 26W, 32W, 42W, 2x26W CFL with energy savings up to 35%. Accommodates apertures 12" to 12 5/8" diameter.

Features

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • **Concealed LED array** provides superior aesthetic appeal both on and off

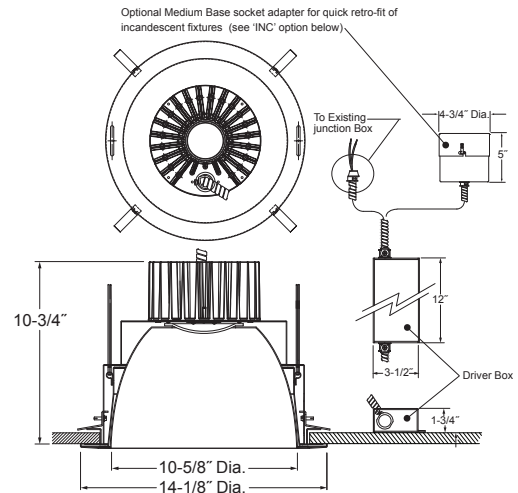
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • **LED Driver:** Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • **Passive Cooling:** Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED • Driver is accessible from above or below ceiling

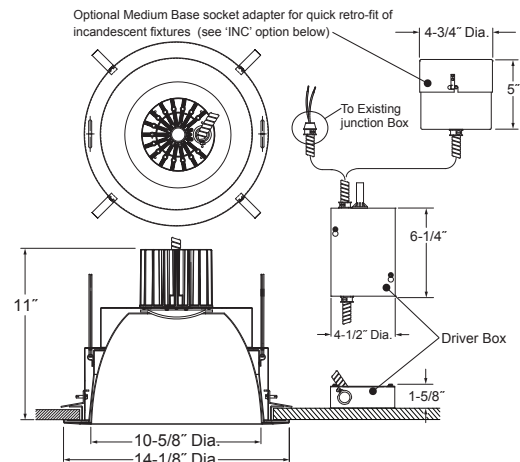
Labels and Listings UL listed for damp locations • UL spacing requirement for 4000 lumen and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions

6000 - 9000 Lumens



800 - 5500 Lumens





L Series LED | LRT12 12" LED Parabolic Retrofit Downlight-Converts CFL, HID, Incandescent, 800-9000 Lumens, 8-92 Watts



Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LRT12-23352-G3-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Generation	Options
LRT12	23	35	2	G3	LDI
LRT12	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens 45-4500 Lumens 50-5000 Lumens 55-5500 Lumens 60-6000 Lumens 65-6500 Lumens 70-7000 Lumens 75-7600 Lumens 80-8000 Lumens 85-8500 Lumens 90-9000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	*U- 120V-277V Universal 1-120V 2-277V	G3	90-90 CRI (All lumen and CCT configurations) 97-97 CRI (2800-4000 lumens, 2700 & 3000 CCT only) F-Fuse and Fuse Holder CP-Chicago Plenum +BR-Emergency Battery Pack w/ Remote Test Switch (cannot be used w/ INC option) ‡INC-Medium base socket adapter for quick retro-fit of incandescent fixtures (120V only) ◆PD-Lutron driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only LDI-Lumen Depreciation Indicator (Cannot be used w/ BR option)

Example: **LRT1200P-CS**

Reflector	Color Options	Finish	Options
LRT1200P	C	Q	WH
LRT1200P Parabolic Open Reflector	▲C-Clear W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular blank-White	WH-White Painted Flange WET-Wet Location

*800, 1300 and 1500 lumen fixtures are universal voltage (120V-277V).

+Not available for 347V or CP.

‡INC option requires 120V at socket.

◆Not available for 4000 Lumens and up.

▲ENERGY STAR®

(see specification sheet for ENERGY STAR® Qualified products)



L Series LED | LA4 4" LED Internally Adjustable Accent Light

800/1300/1500/1700/2300 Lumen Light Engine



Description

4" LED Internally Adjustable Accent Light is available in (5) lumen packages ranging from 800 to 2300 lumens, with input wattages ranging from 12W to 33W. Comparable to 50W, 75W, 100W PAR30 halogen or 20W, 39W PAR30 metal halide with energy savings up to 70%.

Features

Upper Reflector Faceted, Specular Alzak® reflector available in spot, narrow flood and flood beam distributions
Lower Cone Low iridescent specular, semi-specular or satin Alzak® .050" thick angle cut cone

LED Light Engine: High output LED arrays provide outstanding reliability, performance and color quality/consistency • 2700K, 3000K, 3500K or 4000K color temperatures • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80
 • LED Driver: Universal driver accommodates 120V to 277V inputs volts AC at 50/60Hz • Power factor>0.9 • Easily replaceable from below or above the ceiling

Housing Heavy gauge steel with black baked enamel finish

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: LA4-23353-LDI

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
LA4	23	35	3	LDI
LA4	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum BR-Emergency Battery Pack w/ Remote Test Switch †LDI-Lumen Depreciation Indicator PD-Driver compatible with Lutron Programmable Dimming EcoSystem®)

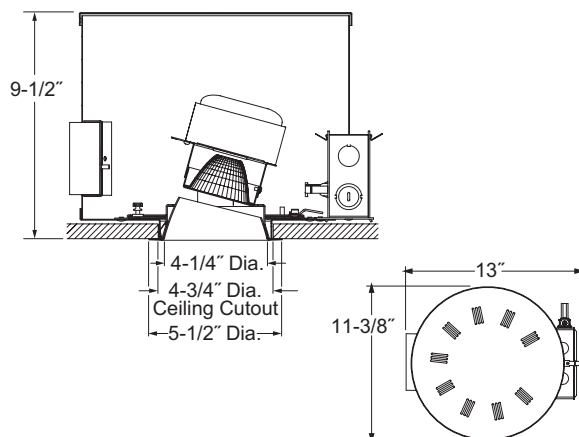
†Consult factory for availability.

▲ENERGY STAR®
 (see specification sheet for ENERGY STAR® Qualified products)

Example: LA400N-CQ-WH

Reflector	Beam	Color Options	Finish	Options
LA400	N	C	Q	WH
LA400	S-Spot N-Narrow F-Flood	▲C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular (Clear only) blank-White	WH-Painted Flange Only (White)

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

1087-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

LVR-Louver

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

B - Green

Example: 1087-LVR-CF-B



L Series LED | LA6 6" LED Internally Adjustable Accent Light

800/1300/1500/1700/2300 Lumen Light Engine



Description

6" LED Internally Adjustable Accent Light is available in (5) lumen packages ranging from 800 to 2300 lumens, with input wattages ranging from 12W to 33W. Comparable to 50W, 75W, 100W PAR30 halogen or 20W, 39W PAR30 metal halide with energy savings up to 70%.

Features

Upper Reflector Faceted, Specular Alzak® reflector available in spot, narrow flood and flood beam distributions
Lower Cone Low iridescent specular, semi-specular or satin Alzak® .050" thick angle cut cone

LED Light Engine: High output LED arrays provide outstanding reliability, performance and color quality/consistency • 2700K, 3000K, 3500K or 4000K color temperatures • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80
 • LED Driver: Universal driver accommodates 120V to 277V inputs volts AC at 50/60Hz • Power factor>0.9 • Easily replaceable from below or above the ceiling

Housing Heavy gauge steel with black baked enamel finish

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: LA6-23353-LDI

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
LA6	23	35	3	LDI
LA6	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum BR-Emergency Battery Pack w/ Remote Test Switch †LDI-Lumen Depreciation Indicator PD-Driver compatible with Lutron Programmable Dimming EcoSystem®)

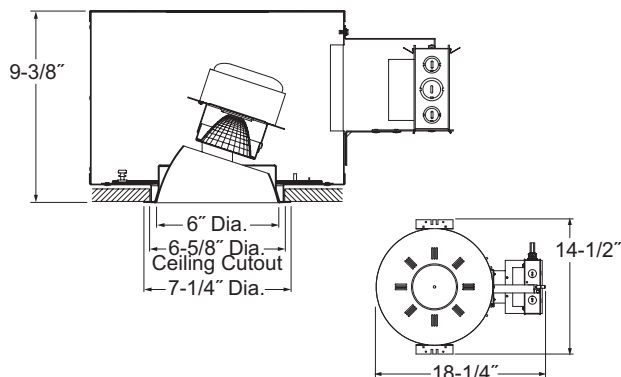
†Consult factory for availability.

▲ENERGY STAR®
 (see specification sheet for ENERGY STAR® Qualified products)

Example: LA600N-CQ-WH

Reflector	Beam	Color Options	Finish	Options
LA600	N	C	Q	WH
LA600	S-Spot N-Narrow F-Flood	▲C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular (Clear only) blank-White	WH-Painted Flange Only (White)

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

1087-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

LVR-Louver

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

B - Green

Example: 1087-LVR-CF-B



L Series LED | LA8 8" LED Internally Adjustable Accent Light

800/1300/1500/1700/2300 Lumen Light Engine



Description

8" LED Internally Adjustable Accent Light is available in (5) lumen packages ranging from 800 to 2300 lumens, with input wattages ranging from 12W to 33W. Comparable to 50W, 75W, 100W PAR30 halogen or 20W, 39W PAR30 metal halide with energy savings up to 70%.

Features

Upper Reflector Faceted, Specular Alzak® reflector available in spot, narrow flood and flood beam distributions
Lower Cone Low iridescent specular, semi-specular or satin Alzak® .050" thick angle cut cone

LED Light Engine: High output LED arrays provide outstanding reliability, performance and color quality/consistency • 2700K, 3000K, 3500K or 4000K color temperatures • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80
 • LED Driver: Universal driver accommodates 120V to 277V inputs volts AC at 50/60Hz • Power factor>0.9 • Easily replaceable from below or above the ceiling

Housing Heavy gauge steel with black baked enamel finish

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: LA8-23353-LDI

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
LA8	23	35	3	LDI
LA8	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum BR-Emergency Battery Pack w/ Remote Test Switch †LDI-Lumen Depreciation Indicator PD-Driver compatible with Lutron Programmable Dimming EcoSystem®)

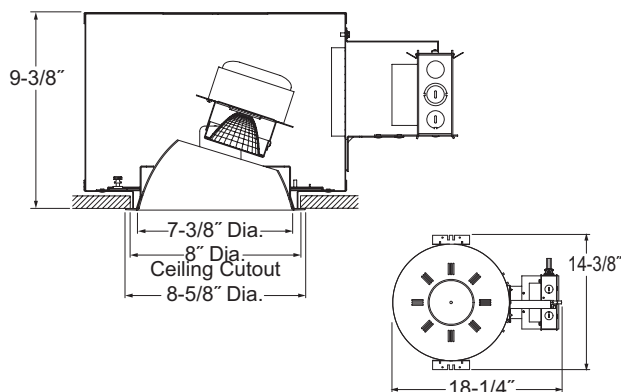
†Consult factory for availability.

▲ENERGY STAR®
 (see specification sheet for ENERGY STAR® Qualified products)

Example: LA800N-CQ-WH

Reflector	Beam	Color Options	Finish	Options
LA800	N	C	Q	WH
LA800	S-Spot N-Narrow F-Flood	▲C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® ▲L-Specular ▲S-Satin ▲Q-Semi-Specular (Clear only) blank-White	WH-Painted Flange Only (White)

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

1087-Accessory Holder

(Holds up to two accessories)

PGL-Prismatic Glass Lens

LSL-Linear Spread Lens

LVR-Louver

CF-Color Filter (specify color)

R - Red

P - Pink

B - Light Blue

MB - Medium Blue

A - Amber

B - Green

Example: 1087-LVR-CF-B



LSW Architects, Vancouver, Washington, LSW Architects; Doug Salin Photography



L Series LED | LC4 4" LED Cylinder Downlight, 800/1300/1500/1700/2300/2800 Lumen, 8-45 Watts



Description

4" LED Cylinder Downlight is available in (6) lumen packages ranging from 800 to 2800 lumens, with input wattages ranging from 8W to 45W. Suitable for ceiling heights from 8' to over 35'. Efficacies up to 111 lm/w.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while reducing lamp image and aperture brightness

Parabolic Reflector/Lens Computer-optimized parabolic cone with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-grooved aluminum baffle insert with integral white painted flange and frosted convex glass lens

Wall Wash Reflector/Lens Computer-optimized hyperbolic or parabolic trim with integral wall wash kicker provides uniform distribution with no striations

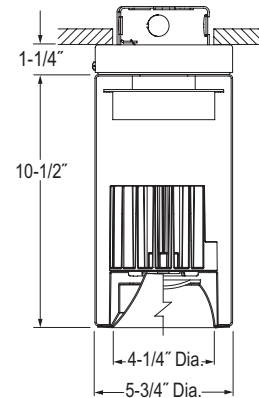
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture-to-fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing One piece heavy gauge aluminum with white, black or silver baked textured powder coat finish • Passive Cooling: Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED

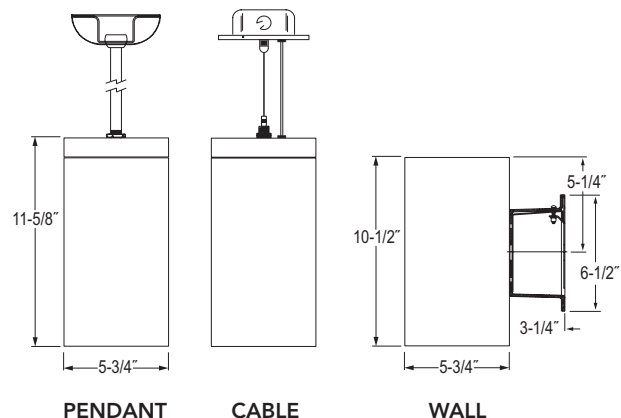
Mounting Available for surface, pendant, cable or wall mounting • Pendant mounting features hang straight pendant mounting kits that allows for mounting on to sloped ceilings with an angle up to 45°

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions



SURFACE MOUNT



PENDANT

CABLE

WALL



L Series LED | LC4 4" LED Cylinder Downlight, 800/1300/1500/1700/2300/2800 Lumen, 8-45 Watts



Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LC4P-2835U-B-G3-LDI**

Rough-In	Mounting Options	Light Engine Lumens	Color Temperature	Voltage	Cylinder Color	Generation	Options
LC4	S	08	35	U	V/	G3	LDI
LC4	S-Surface P-Pendant B-Wall C-Cable	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	U-120V-277V 3-347V	W-White B-Black S-Silver	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) •FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options)

Example: **L400H-CS**

Reflector	Color Options	Finish	Options
L400H	WT	L	WH
L400HN Narrow Flood L400H Medium Flood L400HW Wide Flood L400B Baffle L400P Parabolic L400HWS Hyperbolic Single Wall Washer L400WS Single Wall Washer L400WD Double Wall Washer L400WC Corner Wall Washer	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White & Black	WH-White Flange

Pendant Kits/Accessories

Example: **P36C-B**

Mounting Style	Length	Cylinder	Color	Options
C	120	C	W	BP
P-Pendant	18-18" Stem 24-24" Stem 36-36" Stem		W-White B-Black S-Silver	BP-Battery Pack (Pendant only)
C-Cable	18-18" Cable 48-48" Cable 120-120" Cable			

+Dimming option not available for cable mount with Emergency Battery Pack, not available for 347V.

•Not available for 2800 lumens.



L Series LED | LC6 6" LED Cylinder Downlight, 800/1300/1500/1700/2300/2800/3300/4000 Lumen, 9-45 Watts



Description

6" LED Cylinder Downlight is available in (8) lumen packages ranging from 800 to 4000 lumens, with input wattages ranging from 9W to 45W. Suitable for ceiling heights from 8' to over 50'. Efficacies up to 110 lm/w.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while reducing lamp image and aperture brightness

Parabolic Reflector/Lens Computer-optimized parabolic cone with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-grooved aluminum baffle insert with integral white painted flange and frosted convex glass lens

Wall Wash Reflector/Lens Computer-optimized hyperbolic or parabolic trim with integral wall wash kicker provides uniform distribution with no striations

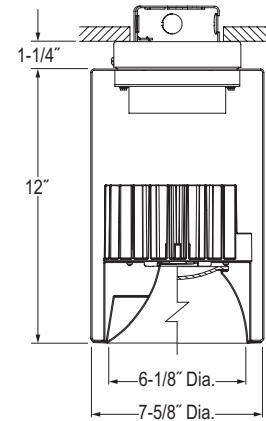
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture-to-fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing One piece heavy gauge aluminum with white, black or silver baked textured powder coat finish • Passive Cooling: Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED

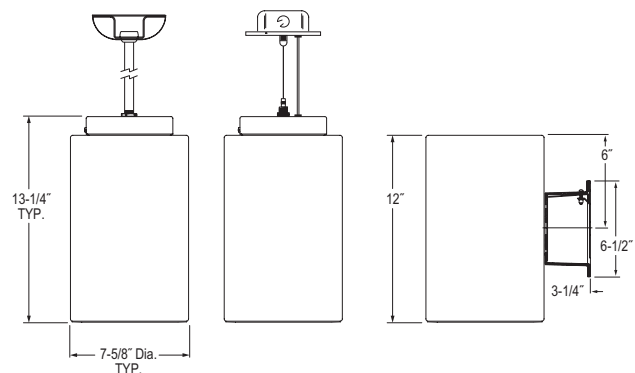
Mounting Available for surface, pendant, cable or wall mounting • Pendant mounting features hang straight pendant mounting kits that allows for mounting on to sloped ceilings with an angle up to 45°

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions



SURFACE MOUNT



PENDANT

CABLE

WALL



L Series LED | LC6 6" LED Cylinder Downlight, 800/1300/1500/1700/2300/2800/3300/4000 Lumen, 9-45 Watts



Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LC6P-2835U-B-G3-LDI**

Rough-In	Mounting Options	Light Engine Lumens	Color Temperature	Voltage	Cylinder Color	Generation	Options
LC6	S	08	35	U	W	G3	LDI
LC6	S-Surface P-Pendant B-Wall C-Cable	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	U-120V-277V 3-347V	W-White B-Black S-Silver	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options)

Example: **L600H-CS**

Reflector	Color Options	Finish	Options
L600H	WT	L	WH
L600HN Narrow Flood L600H Medium Flood L600HW Wide Flood L600B Baffle L600P Parabolic L600HWS Hyperbolic Single Wall Washer L600WS Single Wall Washer L600WD Double Wall Washer L600WC Corner Wall Washer	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White & Black	WH-White Flange

Pendant Kits/Accessories

Example: **P36C-B**

Mounting Style	Length	Cylinder	Color	Options
C	120	C	W	BP
P-Pendant	18-18" Stem 24-24" Stem 36-36" Stem		W-White B-Black S-Silver	BP-Battery Pack (Pendant only)
C-Cable	18-18" Cable 48-48" Cable 120-120" Cable			

+Dimming option not available for cable mount with Emergency Battery Pack, not available for 347V.

◆Not available for 4000 lumens.





L Series LED | LC8 8" LED Cylinder Downlight, 800/1300/1500/1700/2300/2800/3300/4000 Lumen, 9-45 Watts



Description

8" LED Cylinder Downlight is available in (8) lumen packages ranging from 800 to 4000 lumens, with input wattages ranging from 9W to 45W. Suitable for ceiling heights from 8' to over 50'. Efficacies up to 109 lm/w.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while reducing lamp image and aperture brightness

Parabolic Reflector/Lens Computer-optimized parabolic cone with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-grooved aluminum baffle insert with integral white painted flange and frosted convex glass lens

Wall Wash Reflector/Lens Computer-optimized hyperbolic or parabolic trim with integral wall wash kicker provides uniform distribution with no striations

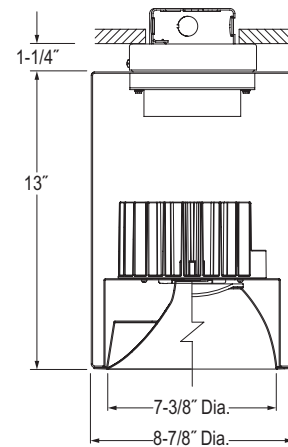
LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture-to-fixture color temperature within 3 SDCM • CRI>80 standard, 90 & 97 CRI available • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing One piece heavy gauge aluminum with white, black or silver baked textured powder coat finish • Passive Cooling: Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED

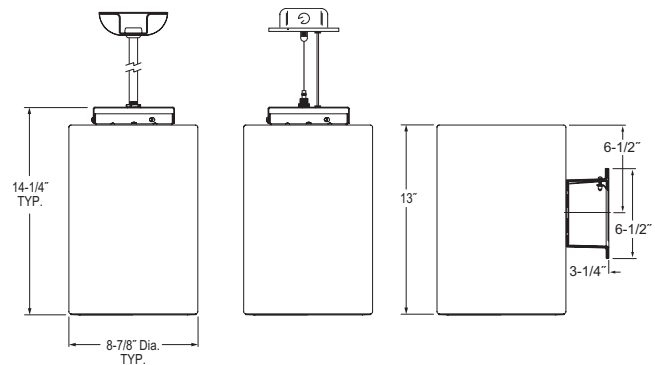
Mounting Available for surface, pendant, cable or wall mounting • Pendant mounting features hang straight pendant mounting kits that allows for mounting on to sloped ceilings with an angle up to 45°

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Dimensions



SURFACE MOUNT



PENDANT

CABLE

WALL



L Series LED | LC8 8" LED Cylinder Downlight, 800/1300/1500/1700/2300/2800/3300/4000 Lumen, 9-45 Watts



Ordering Information Rough-in, reflector and accessories each ordered separately

Example: **LC8S-0835U-W-LDI**

Rough-In	Mounting Options	Light Engine Lumens	Color Temperature	Voltage	Cylinder Color	Generation	Options
LC8	S	08	35	U	W	G3	LDI
LC8	S-Surface P-Pendant *B-Wall Bracket C-Cable	08-800 Lumens 13-1300 Lumens 15-1500 Lumens 17-1700 Lumens 23-2300 Lumens 28-2800 Lumens 33-3300 Lumens 40-4000 Lumens	27-2700K 30-3000K 35-3500K 40-4100K	U-120V-277V 3-347V	W-White B-Black S-Silver	G3	90-90 CRI 97-97 CRI (2700 & 3000 CCT only) F-Fuse and Fuse Holder +BR-Emergency Battery Pack w/ Remote Test Switch +HBR-High Lumen Emergency Battery Pack w/ Remote Test Switch ◆PD-Driver compatible with 3-wire fluorescent controls & Lutron Programmable Dimming EcoSystem® ◆FDL-Forward Phase Lutron Dimming Driver 120V only (2-wire dimming, neutral wire required) FD-Phase Cut Dimming, Forward and Reverse, (800-4000 lumen only) - 120V only LDI-Lumen Depreciation Indicator (Cannot be used w/ BR or HBR options)

Example: **L800H-CS**

Reflector	Color Options	Finish	Options
L800H	WT	L	WH
L800HN Narrow Flood L800H Medium Flood L800HW Wide Flood L800B Baffle L800P Parabolic L800HWS Hyperbolic Single Wall Washer L800WS Single Wall Washer L800WD Double Wall Washer L800WC Corner Wall Washer	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White & Black	WH-White Flange

Pendant Kits/Accessories

Example: **P36C-B**

Mounting Style	Length	Cylinder	Color	Options
C	120	C	W	BP
P-Pendant	18-18" Stem 24-24" Stem 36-36" Stem		W-White B-Black S-Silver	BP-Battery Pack (Pendant only)
C-Cable	18-18" Cable 48-48" Cable 120-120" Cable			

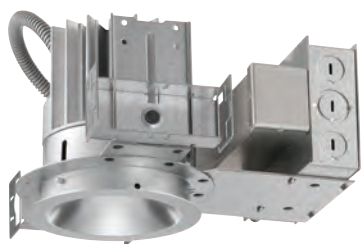
+Dimming option not available for cable mount with Emergency Battery Pack, not available for 347V.

◆Not available for 4000 lumens.



LED | 4" LED Hyperbolic Black Body Dimming Downlight

1100 Lumen Light Engine



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **BBD4-11301-LDI**

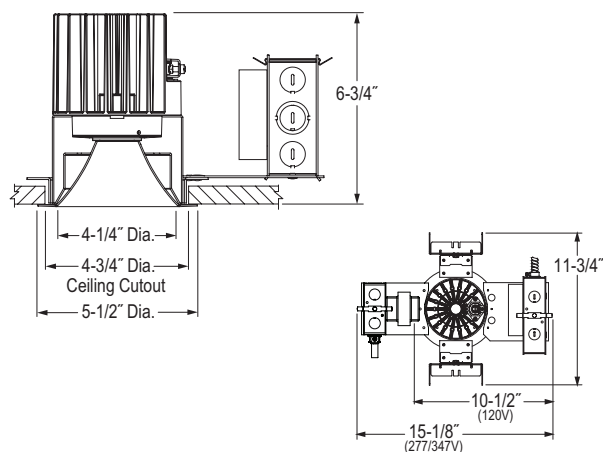
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBD4	11	30	1	LDI
BBD4	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

Example: **L400HW-CQ-WH**

Reflector	Color Options	Finish	Options
L400HW	C	Q	WH
L400H Open Reflector, Medium Distribution	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange
L400HW Open Reflector, Wide Distribution	W-White		

†Consult factory for availability.

Dimensions



Accessories

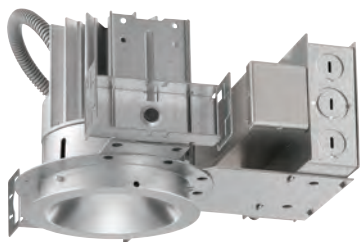
Catalog No. Description

HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.

LED | 4" LED Parabolic Black Body Dimming Downlight

1100 Lumen Light Engine



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **BBD4-11301-LDI**

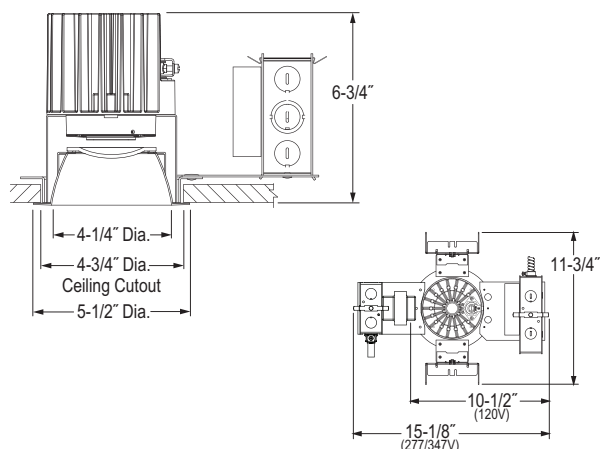
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBD4	11	30	1	LDI
BBD4	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

Example: **L400P-CQ-WH**

Reflector	Color Options	Finish	Options
L400P	C	Q	WH
L400P Open Reflector	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange WET-Wet Location
L400B Baffle	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White & Baffle	

†Consult factory for availability.

Dimensions



Accessories

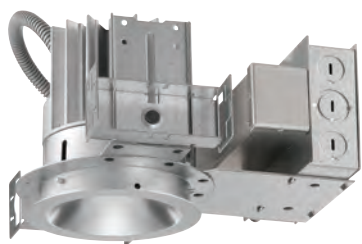
Catalog No. Description

HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.

LED | 4" LED Wall Wash Black Body Dimming

1100 Lumen Light Engine



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convexed lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **BBD4-11301-LDI**

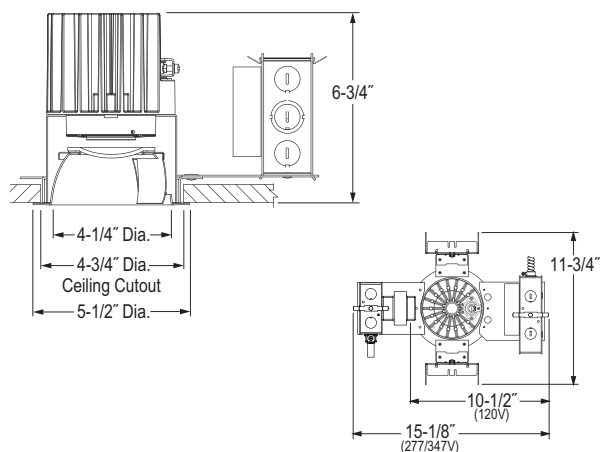
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBD4	11	30	1	LDI
BBD4	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

Example: **L400WS-CQ-WH**

Reflector	Color Options	Finish	Options
L400WS	C	Q	WH
L400WS Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White & Baffle	WH-White Flange

†Consult factory for availability.

Dimensions



Accessories

Catalog No. Description

HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.



LED | 6" LED Hyperbolic Black Body Dimming Downlight

1100 Lumen Light Engine

ChromaControl™



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **BBD6-11301-LDI**

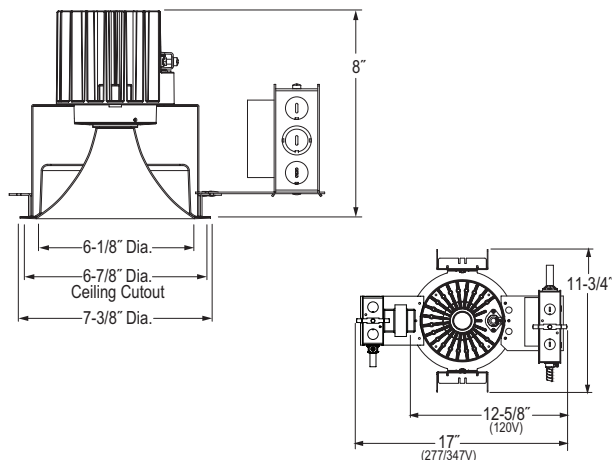
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBD6	11	30	1	LDI
BBD6	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

†Consult factory for availability.

Example: **L600HW-CQ-WH**

Reflector	Color Options	Finish	Options
L600HW	C	Q	WH
L600H Open Reflector, Medium Distribution	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange
L600HW Open Reflector, Wide Distribution			

Dimensions



Accessories

Catalog No. Description

HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

LED | 6" LED Parabolic Black Body Dimming Downlight

1100 Lumen Light Engine



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **BBD6-11301-LDI**

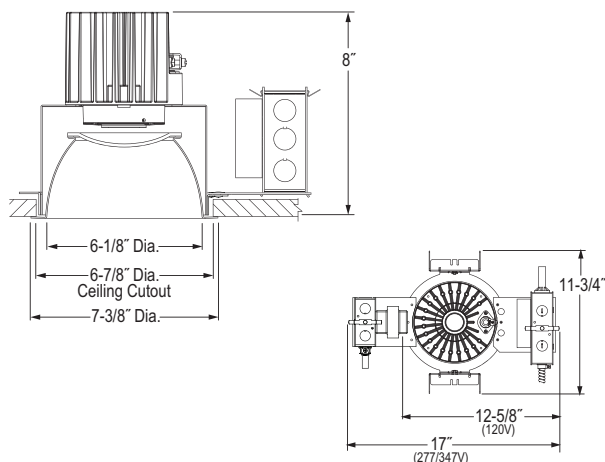
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBD6	11	30	1	LDI
BBD6	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

Example: **L600P-CQ-WH**

Reflector	Color Options	Finish	Options
L600P	C	Q	WH
L600P Open Reflector	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange WET-Wet Location
L600B Baffle	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White & Baffle	

†Consult factory for availability.

Dimensions



Accessories

Catalog No. Description

HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

LED | 6" LED Wall Wash Black Body Dimming

1100 Lumen Light Engine



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convexed lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **BBD6-11301-LDI**

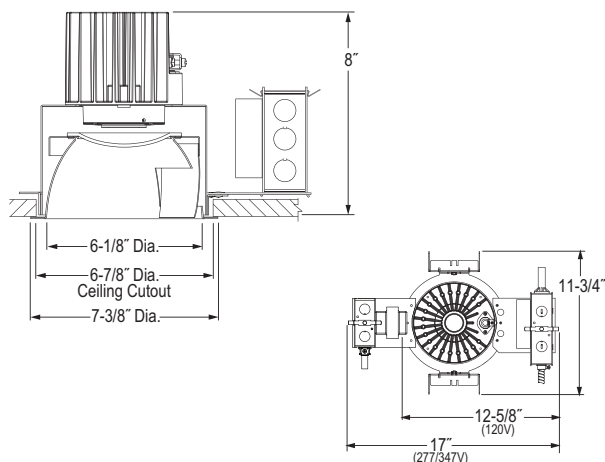
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBD6	11	30	1	LDI
BBD6	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

Example: **L600WS-CQ-WH**

Reflector	Color Options	Finish	Options
L600WS	C	Q	WH
L600WS Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White & Baffle	WH-White Flange

†Consult factory for availability.

Dimensions



Accessories

Catalog No. Description

HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter

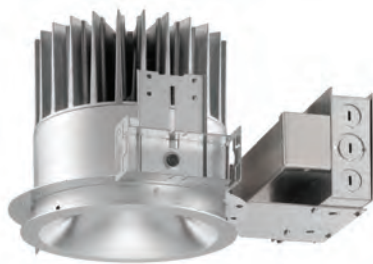
*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



LED | 8" LED Hyperbolic Black Body Dimming Downlight

1100 Lumen Light Engine

ChromaControl™



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **BBD8-11301-LDI**

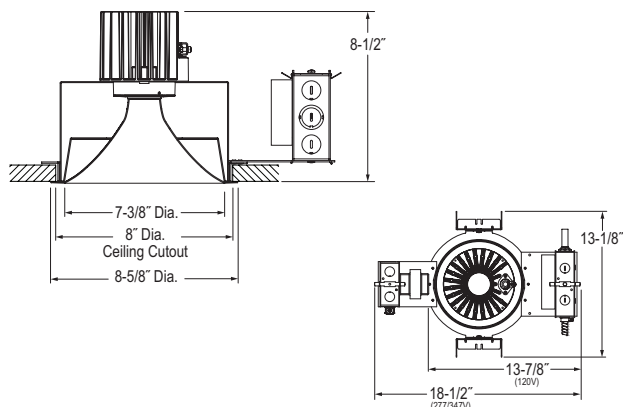
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBD8	11	30	1	LDI
BBD8	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

Example: **L800HW-CQ-WH**

Reflector	Color Options	Finish	Options
L800HW	C	Q	WH
L800H Open Reflector, Medium Distribution	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only)	WH-White Flange
L800HN Open Reflector, Narrow Distribution	W-White	blank-White	
L800HW Open Reflector, Wide Distribution			

†Consult factory for availability.

Dimensions



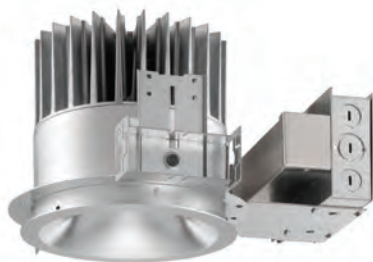
Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

LED | 8" LED Parabolic Black Body Dimming Downlight

1100 Lumen Light Engine



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **BBD8-11301-LDI**

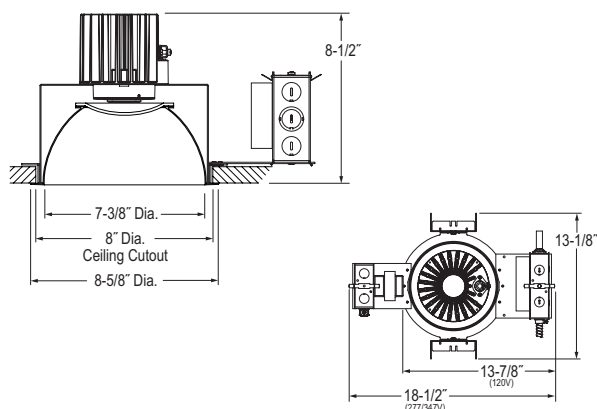
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBD8	11	30	1	LDI
BBD8	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

Example: **L800P-CQ-WH**

Reflector	Color Options	Finish	Options
L800P	C	Q	WH
L800P Open Reflector	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange WET-Wet Location
L800B Baffle	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White & Baffle	

†Consult factory for availability.

Dimensions



Accessories

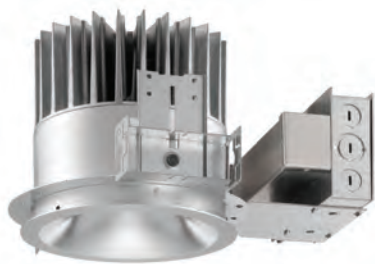
Catalog No. Description

HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

LED | 8" LED Wall Wash Black Body Dimming

1100 Lumen Light Engine



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **BBD8-11301-LDI**

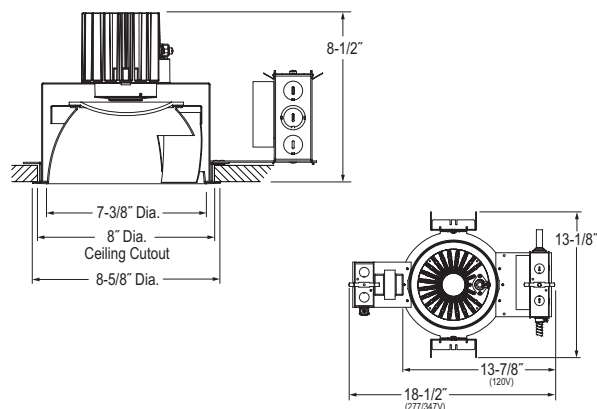
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBD8	11	30	1	LDI
BBD8	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

Example: **L800WS-CQ-WH**

Reflector	Color Options	Finish	Options
L800WS	C	Q	WH
L800WS Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White & Baffle	WH-White Flange

†Consult factory for availability.

Dimensions



Accessories

Catalog No. Description

HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

LED | 4" LED Hyperbolic Black Body Dimming Remodel Downlight

1100 Lumen Light Engine



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

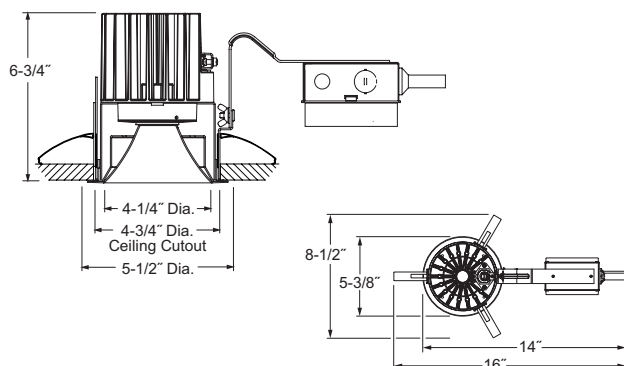
Example: **BBDRM4-11301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBDRM4	11	30	1	LDI
BBDRM4	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **L400HW-CQ-WH**

Reflector	Color Options	Finish	Options
L400HW	C	Q	WH
L400H Open Reflector, Medium Distribution	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange
L400HN Open Reflector, Narrow Distribution			
L400HW Open Reflector, Wide Distribution			

Dimensions



LED | 4" LED Parabolic Black Body Dimming Remodel Downlight

1100 Lumen Light Engine



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

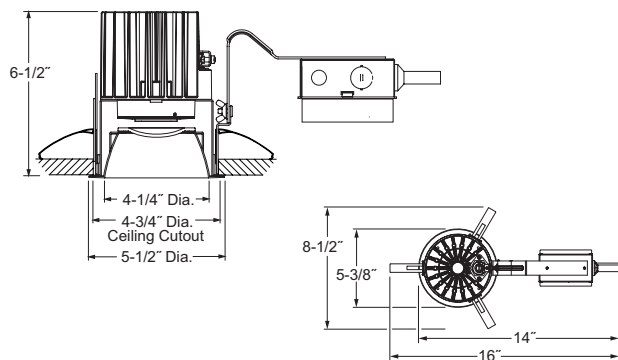
Example: **BBDRM4-11301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBDRM4	11	30	1	LDI
BBDRM4	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **L400P-CQ-WH**

Reflector	Color Options	Finish	Options
L400P	C	Q	WH
L400P Open Reflector	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange WET-Wet Location
L400B Baffle	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White & Baffle	

Dimensions



LED | 4" LED Wall Wash Black Body Dimming Remodel 1100 Lumen Light Engine



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

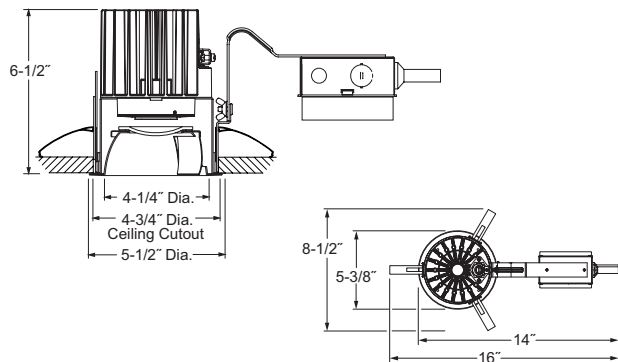
Example: **BBDRM4-11301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBDRM4	11	30	1	LDI
BBDRM4	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **L400WS-CQ-WH**

Reflector	Color Options	Finish	Options
L400WS	C	Q	WH
L400WS Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White & Baffle	WH-White Flange

Dimensions





LED | 6" LED Hyperbolic Black Body Dimming Remodel Downlight

1100 Lumen Light Engine

ChromaControl™



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

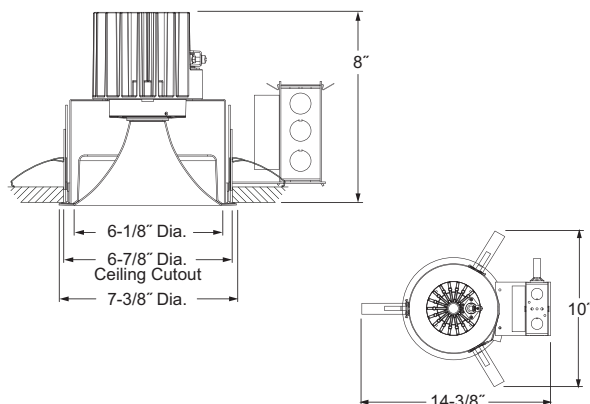
Example: **BBDRM6-11301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBDRM6	11	30	1	LDI
BBDRM6	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **L600HW-CQ-WH**

Reflector	Color Options	Finish	Options
L600HW	C	Q	WH
L600H Open Reflector, Medium Distribution	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange
L600HN Open Reflector, Narrow Distribution			
L600HW Open Reflector, Wide Distribution			

Dimensions



LED | 6" LED Parabolic Black Body Dimming Remodel Downlight

1100 Lumen Light Engine



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

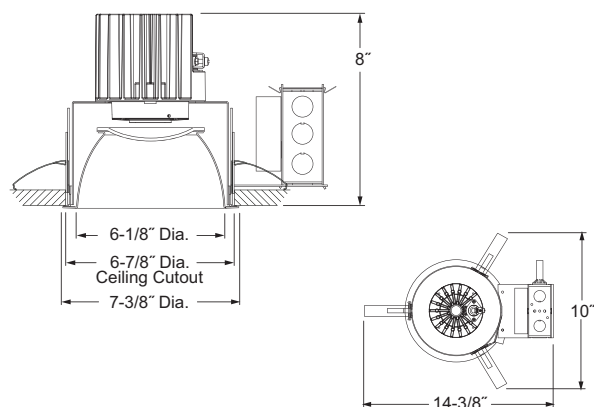
Example: **BBDRM6-11301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBDRM6	11	30	1	LDI
BBDRM6	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **L600P-CQ-WH**

Reflector	Color Options	Finish	Options
L600P	C	Q	WH
L600P Open Reflector	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange WET-Wet Location
L600B Baffle	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White & Baffle	

Dimensions



LED | 6" LED Wall Wash Black Body Dimming Remodel 1100 Lumen Light Engine



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

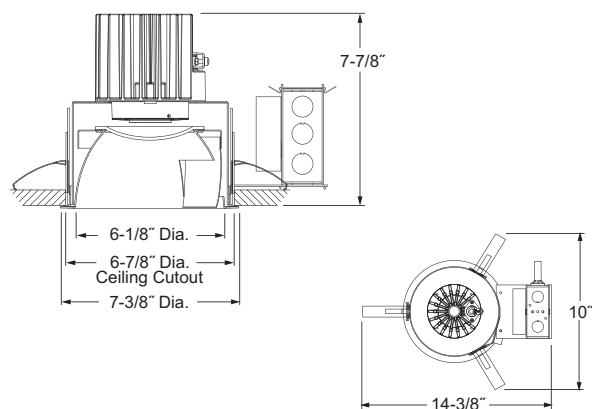
Example: **BBDRM6-11301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBDRM6	11	30	1	LDI
BBDRM6	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **L600WS-CQ-WH**

Reflector	Color Options	Finish	Options
L600WS	C	Q	WH
L600WS Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White & Baffle	WH-White Flange

Dimensions





LED | 8" LED Hyperbolic Black Body Dimming Remodel Downlight

1100 Lumen Light Engine

ChromaControl™


Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

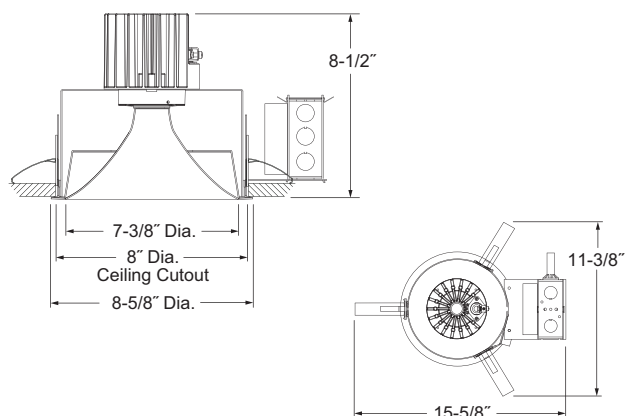
Example: **BBDRM8-11301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBDRM8	11	30	1	LDI
BBDRM8	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **L800HW-CQ-WH**

Reflector	Color Options	Finish	Options
L800HW	C	Q	WH
L800H Open Reflector, Medium Distribution	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange
L800HN Open Reflector, Narrow Distribution			
L800HW Open Reflector, Wide Distribution			

Dimensions





LED | 8" LED Parabolic Black Body Dimming Remodel Downlight

1100 Lumen Light Engine

ChromaControl™



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

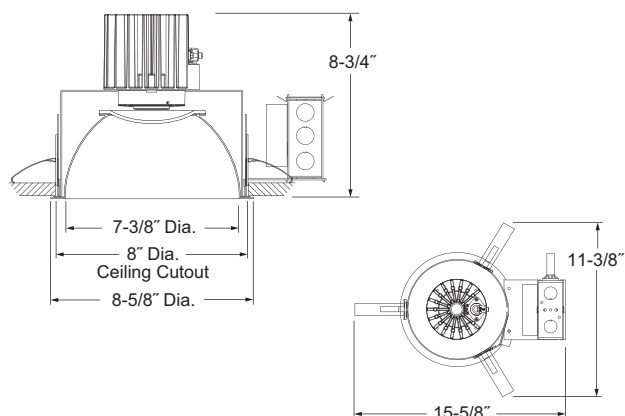
Example: **BBDRM8-11301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBDRM8	11	30	1	LDI
BBDRM8	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **L800P-CQ-WH**

Reflector	Color Options	Finish	Options
L800P	C	Q	WH
L800P Open Reflector	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange WET-Wet Location
L800B Baffle	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White & Baffle	

Dimensions



LED | 8" LED Wall Wash Black Body Dimming Remodel 1100 Lumen Light Engine



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

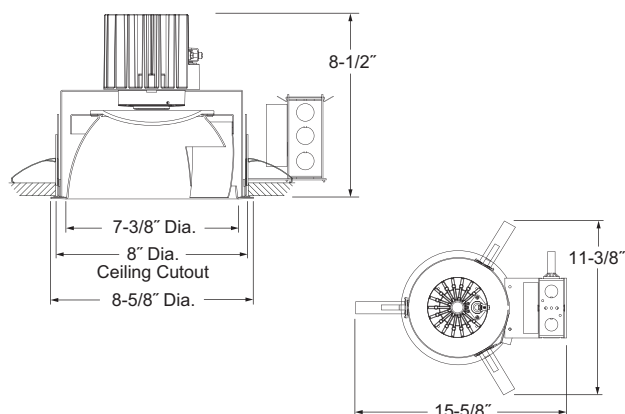
Example: **BBDRM8-11301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBDRM8	11	30	1	LDI
BBDRM8	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **L800WS-CQ-WH**

Reflector	Color Options	Finish	Options
L800WS	C	Q	WH
L800WS Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White & Baffle	WH-White Flange

Dimensions



LED | 6" LED Hyperbolic Black Body Dimming Retrofit Downlight

Converts CFL, HID, Incandescent, 1100 Lumens



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range. Accommodates apertures 6" to 6 5/8" diameter.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

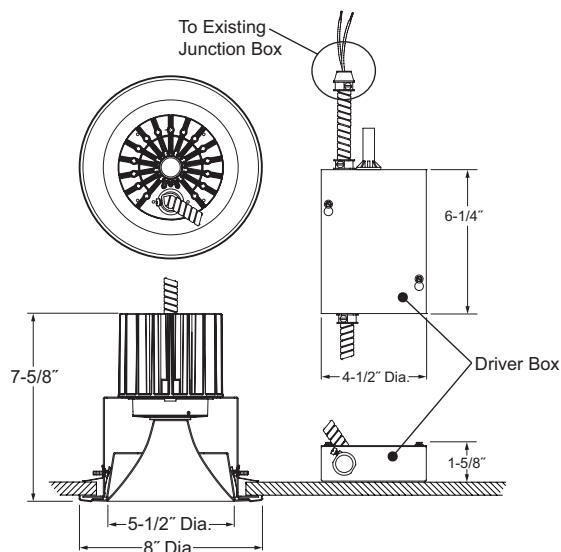
Example: **BBDRT6-11301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBDRT6	11	30	1	LDI
BBDRT6	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **LRT600HW-CQ-WH**

Reflector	Color Options	Finish	Options
LRT600HW	C	Q	WH
LRT600H Open Reflector, Medium Distribution	C-Clear	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange
LRT600HN Open Reflector, Narrow Distribution			
LRT600HW Open Reflector, Wide Distribution			

Dimensions





LED | 6" LED Parabolic Black Body Dimming Retrofit Downlight

Converts CFL, HID, Incandescent, 1100 Lumens

ChromaControl™



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range. Accommodates apertures 6" to 6 5/8" diameter.

Features

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

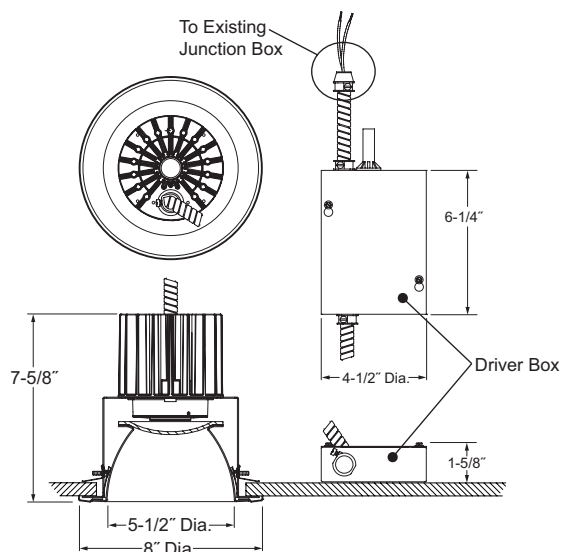
Example: **BBDRT6-11301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBDRT6	11	30	1	LDI
BBDRT6	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **LRT600P-CQ-WET**

Reflector	Color Options	Finish	Options
LRT600P	C	Q	WET
LRT600P Parabolic, Open Reflector	C-Clear W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange WET-Wet Location
LRT600B Baffle	W-White B-Black		

Dimensions



LED | 6" LED Wall Wash Black Body Dimming Retrofit

Converts CFL, HID, Incandescent, 1100 Lumens



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range. Accommodates apertures 6" to 6 5/8" diameter.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

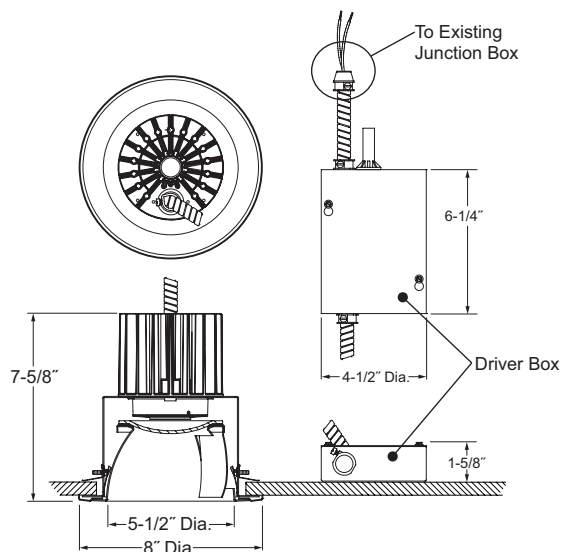
Example: **BBDRT6-11301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBDRT6	11	30	1	LDI
BBDRT6	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **LRT600WS-CQ-WH**

Reflector	Color Options	Finish	Options
LRT600WS	C	Q	WH
LRT600WS Wall Wash	C-Clear	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

Dimensions





LED | 8" LED Hyperbolic Black Body Dimming Retrofit Downlight

Converts CFL, HID, Incandescent, 1100 Lumens

ChromaControl™



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range. Accommodates apertures 7 5/8" to 8 1/8" diameter.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor >0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

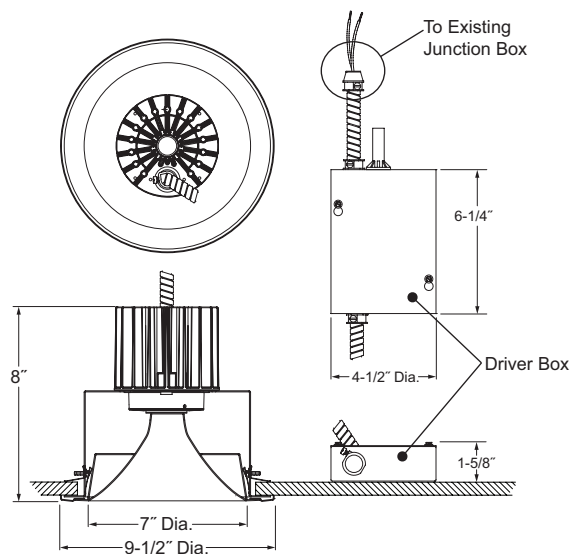
Example: **BBDRT8-11301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBDRT8	11	30	1	LDI
BBDRT8	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **LRT800HW-CQ-WH**

Reflector	Color Options	Finish	Options
LRT800HW	C	Q	WH
LRT800H Open Reflector, Medium Distribution	C-Clear	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange
LRT800HN Open Reflector, Narrow Distribution			
LRT800HW Open Reflector, Wide Distribution			

Dimensions





LED | 8" LED Parabolic Black Body Dimming Retrofit Downlight

Converts CFL, HID, Incandescent, 1100 Lumens

ChromaControl™



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range. Accommodates apertures 7 5/8" to 8 1/8" diameter.

Features

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

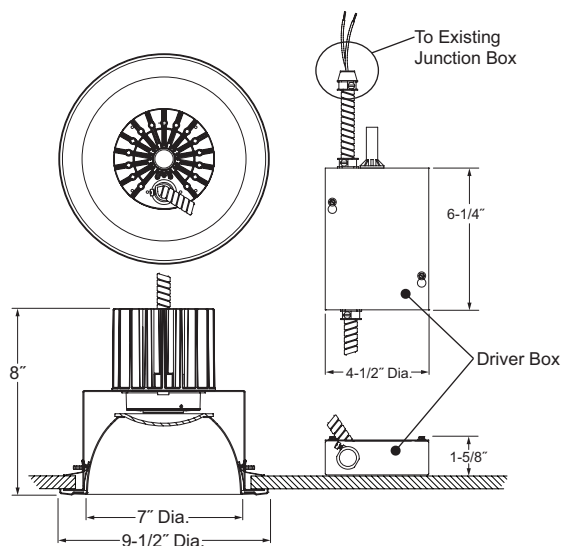
Example: **BBDRT8-11301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBDRT8	11	30	1	LDI
BBDRT8	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **LRT800P-CQ-WET**

Reflector	Color Options	Finish	Options
LRT800P	C	Q	WET
LRT800P Parabolic, Open Reflector	C-Clear W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange WET-Wet Location
LRT800B Baffle	W-White B-Black		

Dimensions



LED | 8" LED Wall Wash Black Body Dimming Retrofit

Converts CFL, HID, Incandescent, 1100 Lumens



Description

Black Body Dimming duplicates halogen dimming, offering a soft natural, warm glow as light levels are reduced. CCT "warms" from 3000K to 1800K as fixture dims to 1%. CRI and R9 values above 90 throughout dimming range. Accommodates apertures 7 5/8" to 8 1/8" diameter.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convexed lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Proprietary micro-processor controlled light engine duplicates dimming performance of halogen light source • Natural white light on the Planckian curve • 3000K color temperature at full lumen output • 90+ CRI • LED Driver: Power factor > 0.9 • Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

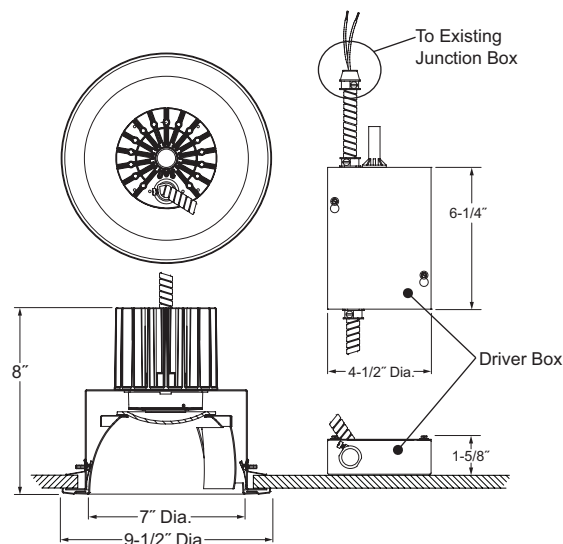
Example: **BBDRT8-11301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
BBDRT8	11	30	1	LDI
BBDRT8	11-1100 Lumens	30-3000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **LRT800WS-CQ-WH**

Reflector	Color Options	Finish	Options
LRT800WS	C	Q	WH
LRT800WS Wall Wash	C-Clear	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

Dimensions

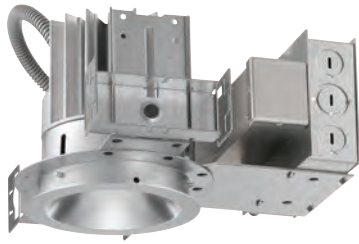




LED | 4" LED Hyperbolic Tunable White/Color Tuning Downlight

1100 Lumen Light Engine

ChromaControl™



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K • Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection • Calibration feature maintains color point over lifetime • LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **CT4-11V1-LDI**

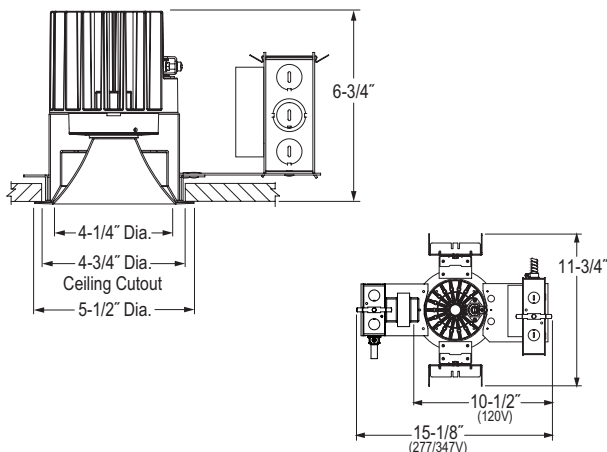
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CT4	11	V	1	LDI
CT4	11-1100 Lumens	V-Variable 1600K-4000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

Example: **L400HW-CQ-WH**

Reflector	Color Options	Finish	Options
L400HW	C	Q	WH
L400H Open Reflector, Medium Distribution	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange
L400HN Open Reflector, Narrow Distribution			
L400HW Open Reflector, Wide Distribution			

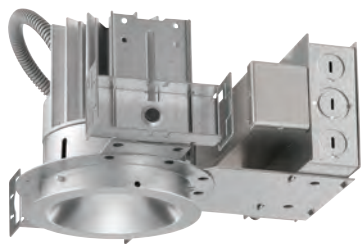
†Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
CTTOOL	Remote Commissioning Tool
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K
• Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection
• Calibration feature maintains color point over lifetime
• LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **CT4-11V1-LDI**

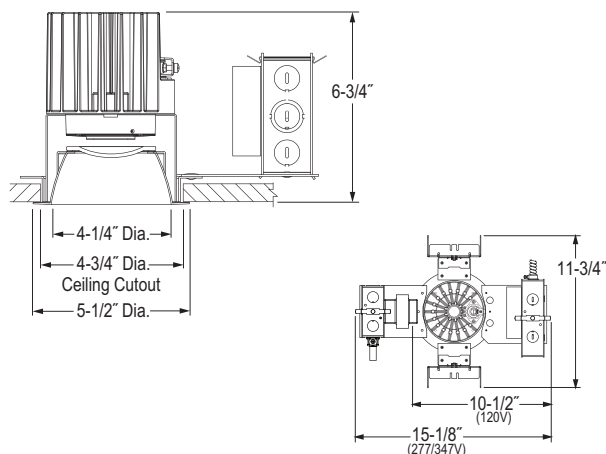
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CT4	11	V	1	LDI
CT4	11-1100 Lumens	V-Variable 1600K-4000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

Example: **L400P-CQ-WH**

Reflector	Color Options	Finish	Options
L400P	C	Q	WH
L400P Open Reflector	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange WET-Wet Location
L400B Baffle	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White & Baffle	

†Consult factory for availability.

Dimensions



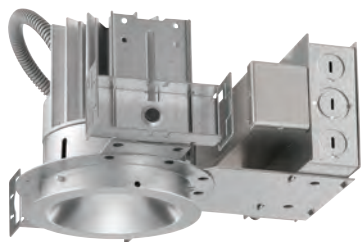
Accessories

Catalog No.	Description
CTTOOL	Remote Commissioning Tool
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.



LED | 4" LED Wall Wash Tunable White/Color Tuning 1100 Lumen Light Engine

ChromaControl™



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K
• Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection
• Calibration feature maintains color point over lifetime
• LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **CT4-11V1-LDI**

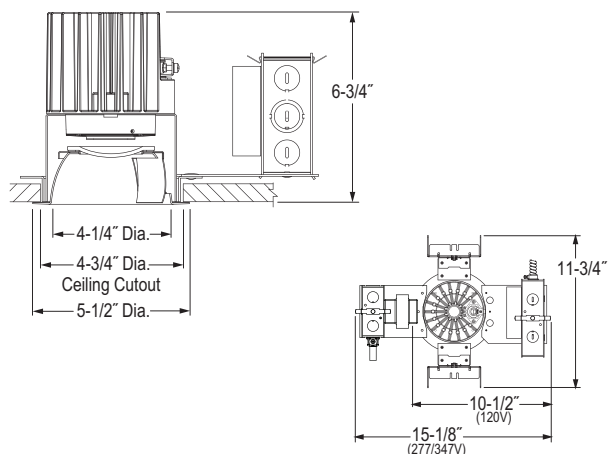
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CT4	11	V	1	LDI
CT4	11-1100 Lumens	V-Variable 1600K-4000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

Example: **L400WS-CQ-WH**

Reflector	Color Options	Finish	Options
L400WS	C	Q	WH
L400WS Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

†Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
CTTOOL	Remote Commissioning Tool
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.



LED | 6" LED Hyperbolic Tunable White/Color Tuning Downlight

1100 Lumen Light Engine

ChromaControl™



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K • Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection • Calibration feature maintains color point over lifetime • LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **CT6-11V1-LDI**

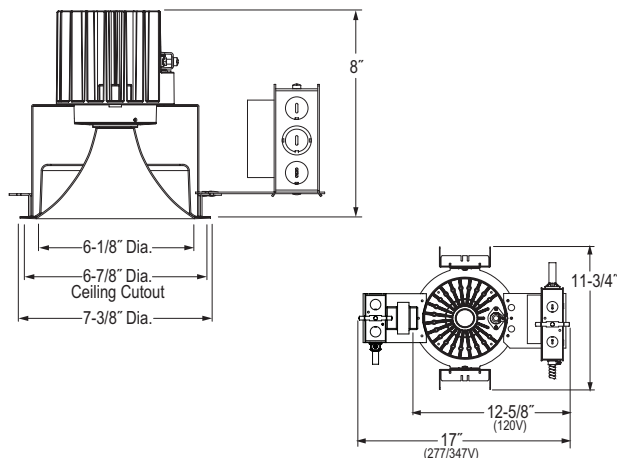
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CT6	11	V	1	LDI
CT6	11-1100 Lumens	V-Variable 1600K-4000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

†Consult factory for availability.

Example: **L600HW-CQ-WH**

Reflector	Color Options	Finish	Options
L600HW	C	Q	WH
L600H Open Reflector, Medium Distribution	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange
L600HN Open Reflector, Narrow Distribution			
L600HW Open Reflector, Wide Distribution			

Dimensions



Accessories

Catalog No.	Description
CTTOOL	Remote Commissioning Tool
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K
• Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection
• Calibration feature maintains color point over lifetime
• LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **CT6-11V1-LDI**

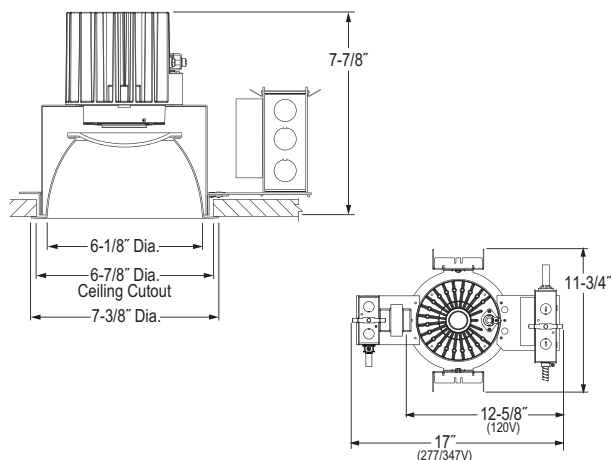
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CT6	11	V	1	LDI
CT6	11-1100 Lumens	V-Variable 1600K-4000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

Example: **L600P-CQ-WH**

Reflector	Color Options	Finish	Options
L600P	C	Q	WH
L600P Open Reflector	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange WET-Wet Location
L600B Baffle	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White & Baffle	

†Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
CTTOOL	Remote Commissioning Tool
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K
• Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection
• Calibration feature maintains color point over lifetime
• LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **CT6-11V1-LDI**

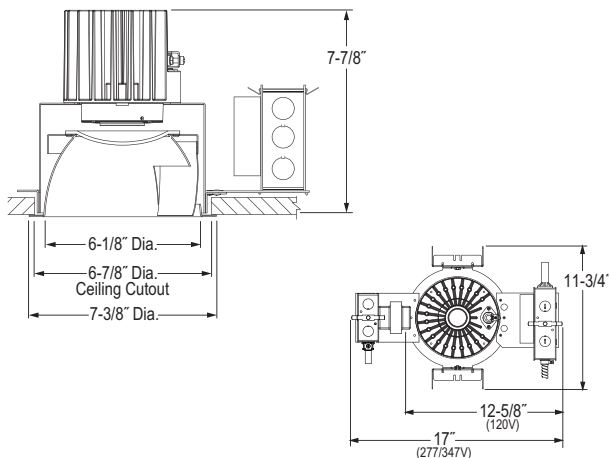
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CT6	11	V	1	LDI
CT6	11-1100 Lumens	V-Variable 1600K-4000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

Example: **L600WS-CQ-WH**

Reflector	Color Options	Finish	Options
L600WS	C	Q	WH
L600WS Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

†Consult factory for availability.

Dimensions



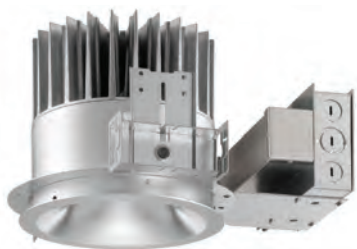
Accessories

Catalog No.	Description
CTTOOL	Remote Commissioning Tool
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



LED | 8" LED Hyperbolic Tunable White/Color Tuning Downlight

1100 Lumen Light Engine

ChromaControl™


Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K • Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection • Calibration feature maintains color point over lifetime • LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **CT8-11V1-LDI**

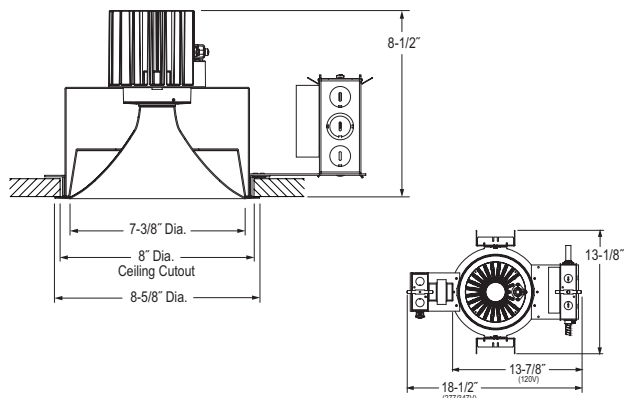
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CT8	11	V	1	LDI
CT8	11-1100 Lumens	V-Variable 1600K-4000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

†Consult factory for availability.

Example: **L800HW-CQ-WH**

Reflector	Color Options	Finish	Options
L800HW	C	Q	WH
L800H Open Reflector, Medium Distribution	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange
L800HN Open Reflector, Narrow Distribution			
L800HW Open Reflector, Wide Distribution			

Dimensions



Accessories

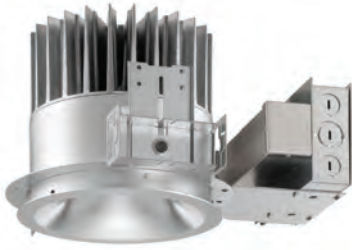
Catalog No.	Description
CTTOOL	Remote Commissioning Tool
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter
*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.	



LED | 8" LED Parabolic Tunable White/Color Tuning Downlight

1100 Lumen Light Engine

ChromaControl™



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K • Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection • Calibration feature maintains color point over lifetime • LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: CT8-11V1-LDI

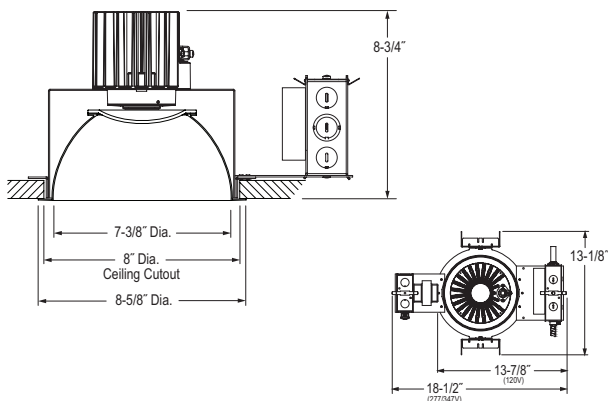
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CT8	11	V	1	LDI
CT8	11-1100 Lumens	V-Variable 1600K-4000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

Example: L800P-CQ-WH

Reflector	Color Options	Finish	Options
L800P	C	Q	WH
L800P Open Reflector	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange WET-Wet Location
L800B Baffle	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White & Baffle	

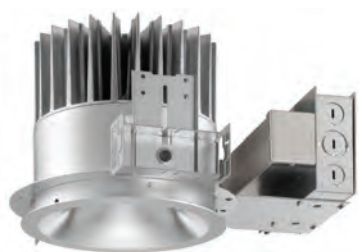
†Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
CTTOOL	Remote Commissioning Tool
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K
• Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection
• Calibration feature maintains color point over lifetime
• LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral cast aluminum heat sink conducts heat away from LED light engine • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: **CT8-11V1-LDI**

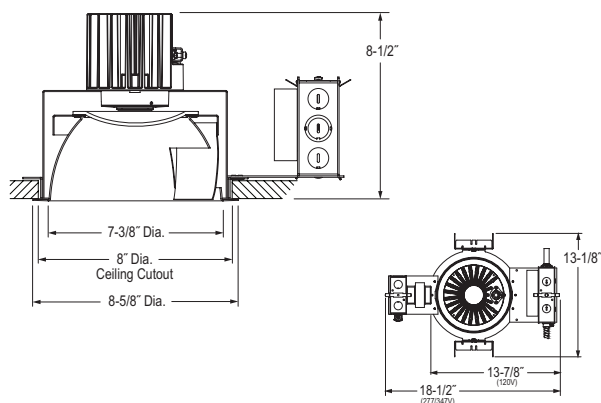
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CT8	11	V	1	LDI
CT8	11-1100 Lumens	V-Variable 1600K-4000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder †CP-Chicago Plenum LDI-Lumen Depreciation Indicator

Example: **L800WS-CQ-WH**

Reflector	Color Options	Finish	Options
L800WS	C	Q	WH
L800WS Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

†Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
CTTOOL	Remote Commissioning Tool
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



LED | 4" LED Hyperbolic Tunable White/Color Tuning Remodel Downlight

1100 Lumen Light Engine

ChromaControl™



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K • Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection • Calibration feature maintains color point over lifetime • LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

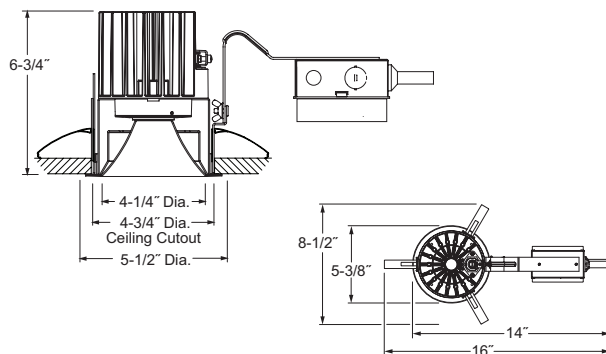
Example: **CTRM4-11V1-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CTRM4	11	V	1	LDI
CTRM4	11-1100 Lumens	V-Variable 1600K-4000K	1-120V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **L400HW-CQ-WH**

Reflector	Color Options	Finish	Options
L400HW	C	Q	WH
L400H Open Reflector, Medium Distribution	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange
L400HN Open Reflector, Narrow Distribution			
L400HW Open Reflector, Wide Distribution			

Dimensions



Accessories

Catalog No. Description

CTTOOL Remote Commissioning Tool



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K • Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection • Calibration feature maintains color point over lifetime • LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

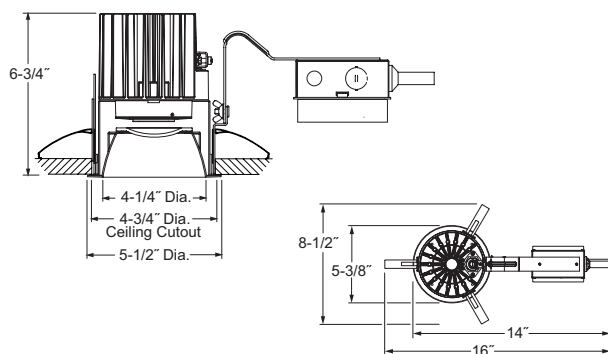
Example: CTRM4-11V1-LDI

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CTRM4	11	V	1	LDI
CTRM4	11-1100 Lumens	V-Variable 1600K-4000K	1-120V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: L400P-CQ-WH

Reflector	Color Options	Finish	Options
L400P	C	Q	WH
L400P Open Reflector	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange WET-Wet Location
L400B Baffle	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White & Baffle	

Dimensions



Accessories

Catalog No. Description

CTTOOL Remote Commissioning Tool



LED | 4" LED Wall Wash Tunable White/Color Tuning Remodel 1100 Lumen Light Engine



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convexed lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K • Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection • Calibration feature maintains color point over lifetime • LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

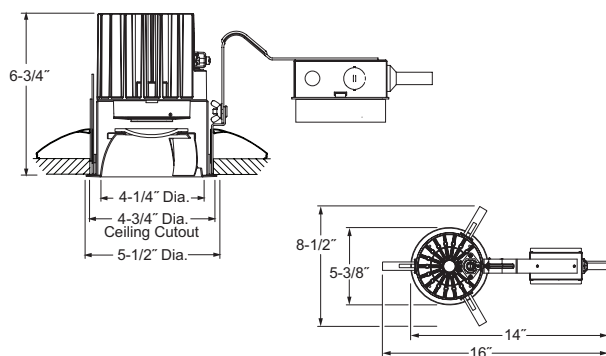
Example: **CTRM4-11V1-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CTRM4	11	V	1	LDI
CTRM4	11-1100 Lumens	V-Variable 1600K-4000K	1-120V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **L400WS-CQ-WH**

Reflector	Color Options	Finish	Options
L400WS	C	Q	WH
L400WS Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

Dimensions



Accessories

Catalog No. Description

CTTOOL Remote Commissioning Tool



LED | 6" LED Hyperbolic Tunable White/Color Tuning Remodel Downlight

1100 Lumen Light Engine

ChromaControl™



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K • Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection • Calibration feature maintains color point over lifetime • LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

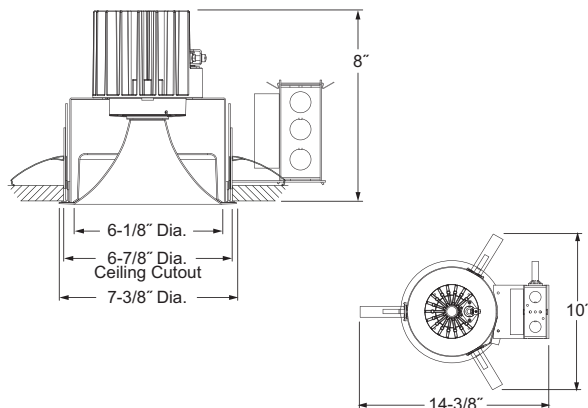
Example: **CTRM6-11V1-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CTRM6	11	V	1	LDI
CTRM6	11-1100 Lumens	V-Variable 1600K-4000K	1-120V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **L600HW-CQ-WH**

Reflector	Color Options	Finish	Options
L600HW	C	Q	WH
L600H Open Reflector, Medium Distribution	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange
L600HN Open Reflector, Narrow Distribution			
L600HW Open Reflector, Wide Distribution			

Dimensions



Accessories

Catalog No. Description

CTTOOL Remote Commissioning Tool



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K • Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection • Calibration feature maintains color point over lifetime • LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

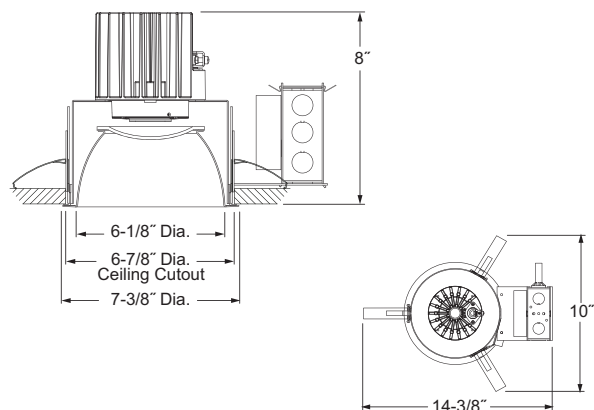
Example: CTRM6-11V1-LDI

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CTRM6	11	V	1	LDI
CTRM6	11-1100 Lumens	V-Variable 1600K-4000K	1-120V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: L600P-CQ-WH

Reflector	Color Options	Finish	Options
L600P	C	Q	WH
L600P Open Reflector	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange WET-Wet Location
L600B Baffle	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White & Baffle	

Dimensions



Accessories

Catalog No. Description

CTTOOL Remote Commissioning Tool



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K • Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection • Calibration feature maintains color point over lifetime • LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

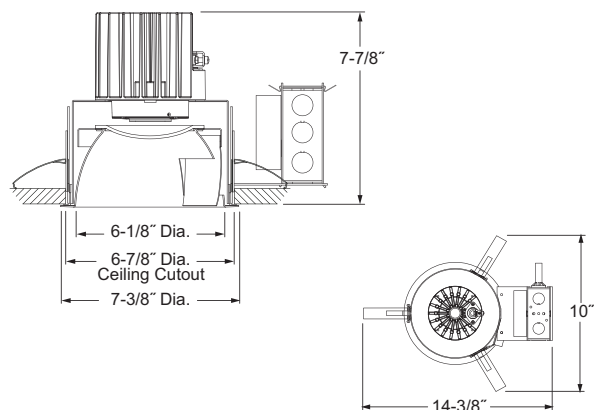
Example: CTRM6-11V1-LDI

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CTRM6	11	V	1	LDI
CTRM6	11-1100 Lumens	V-Variable 1600K-4000K	1-120V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: L600WS-CQ-WH

Reflector	Color Options	Finish	Options
L600WS	C	Q	WH
L600WS Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

Dimensions



Accessories

Catalog No. Description

CTTOOL Remote Commissioning Tool



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K
• Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection
• Calibration feature maintains color point over lifetime
• LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED
• Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

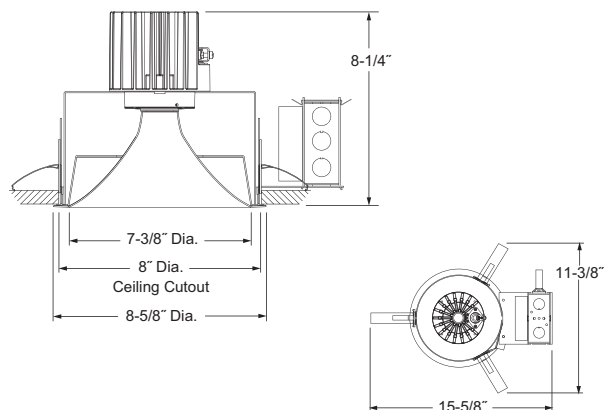
Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

Example: CTRM8-11V1-LDI					Example: L800HW-CQ-WH			
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options	Reflector	Color Options	Finish	Options
CTRM8	11	V	1	LDI	L800HW	C	Q	WH
CTRM8	11-1100 Lumens	V-Variable 1600K-4000K	1-120V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator	L600H Open Reflector, Medium Distribution	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange
					L600HN Open Reflector, Narrow Distribution			
					L800HW Open Reflector, Wide Distribution			

Dimensions



Accessories

Catalog No.	Description
CTTOOL	Remote Commissioning Tool



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K
• Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection
• Calibration feature maintains color point over lifetime
• LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED
• Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

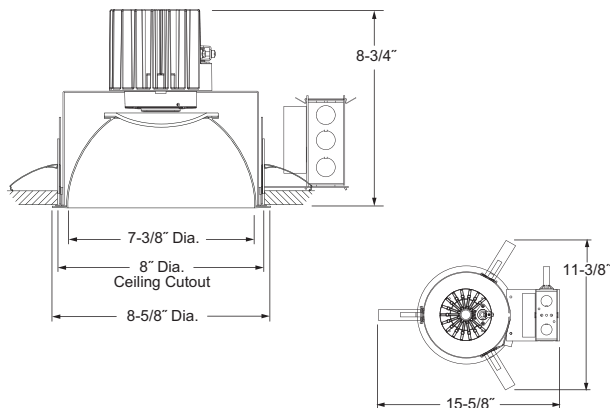
Example: CTRM8-11V1-LDI

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CTRM8	11	V	1	LDI
CTRM8	11-1100 Lumens	V-Variable 1600K-4000K	1-120V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: L800P-CQ-WH

Reflector	Color Options	Finish	Options
L800P	C	Q	WH
L800P Open Reflector	C-Clear G-Gold WT-Wheat PT-Pewter	Low Iridescent Alzak® L-Specular S-Satin	WH-White Flange WET-Wet Location
L800B Baffle	BZ-Bronze B-Black W-White	Q-Semi-Specular (Clear only) blank-White & Baffle	

Dimensions



Accessories

Catalog No. Description

CTTOOL	Remote Commissioning Tool
--------	---------------------------



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K
• Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection
• Calibration feature maintains color point over lifetime
• LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED
• Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

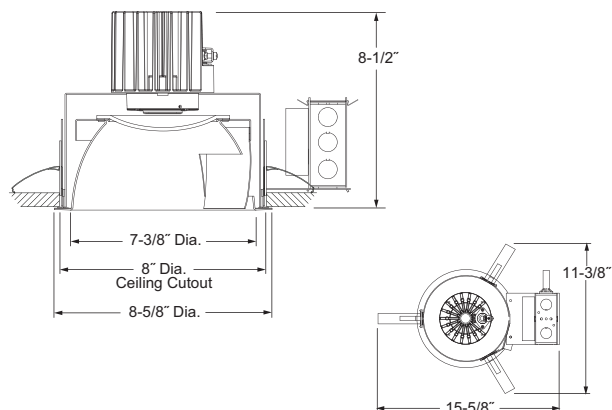
Example: CTRM8-11V1-LDI

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CTRM8	11	V	1	LDI
CTRM8	11-1100 Lumens	V-Variable 1600K-4000K	1-120V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: L800WS-CQ-WH

Reflector	Color Options	Finish	Options
L800WS	C	Q	WH
L800WS Wall Wash	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

Dimensions



Accessories

Catalog No. Description

CTTOOL Remote Commissioning Tool



LED | 6" LED Hyperbolic Tunable White/Color Tuning Retrofit Downlight

Converts CFL, HID, Incandescent, 1100 Lumens

ChromaControl™



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM. Accommodates apertures 6" to 6 5/8" diameter.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K • Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection • Calibration feature maintains color point over lifetime • LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

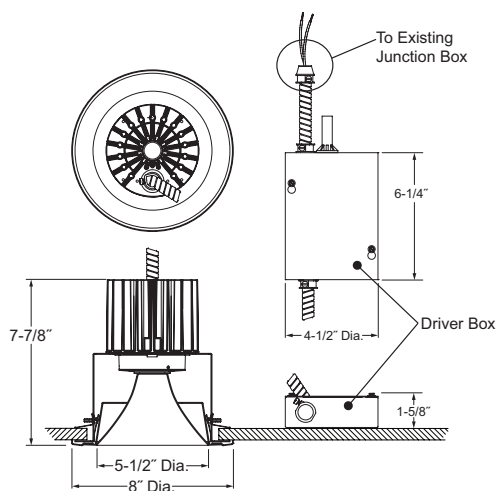
Example: **CTRT6-11V1-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CTRT6	11	V	1	LDI
CTRT6	11-1100 Lumens	V-Variable 1600K-4000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **LRT600HW-CQ-WH**

Reflector	Color Options	Finish	Options
LRT600HW	C	Q	WH
LRT600H Open Reflector, Medium Distribution	C-Clear	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only)	WH-White Flange
LRT600HW Open Reflector, Wide Distribution		blank-White	

Dimensions



Accessories

Catalog No. Description

CTTOOL Remote Commissioning Tool



LED | 6" LED Parabolic Tunable White/Color Tuning Retrofit Downlight

Converts CFL, HID, Incandescent, 1100 Lumens

ChromaControl™



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM. Accommodates apertures 6" to 6 5/8" diameter.

Features

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K • Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection • Calibration feature maintains color point over lifetime • LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

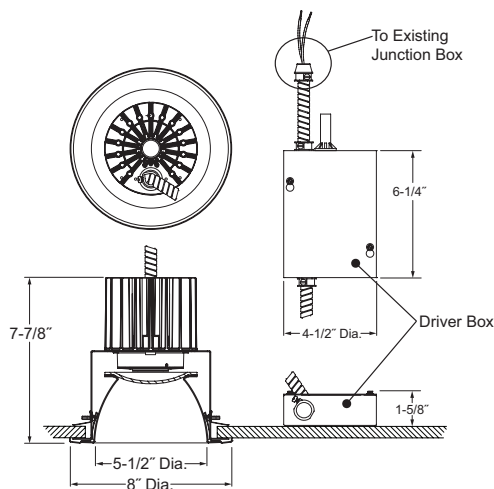
Example: **CTRT6-11V1-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CTRT6	11	V	1	LDI
CTRT6	11-1100 Lumens	V-Variable 1600K-4000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **LRT600P-CQ-WET**

Reflector	Color Options	Finish	Options
LRT600P	C	Q	WET
LRT600P Parabolic, Open Reflector	C-Clear W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange WET-Wet Location
LRT600B Baffle	W-White B-Black		

Dimensions



Accessories

Catalog No. Description

CTTOOL Remote Commissioning Tool



LED | 6" LED Wall Wash Tunable White/Color Tuning Retrofit

Converts CFL, HID, Incandescent, 1100 Lumens

ChromaControl™



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM. Accommodates apertures 6" to 6 5/8" diameter.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convexed lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K • Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection • Calibration feature maintains color point over lifetime • LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

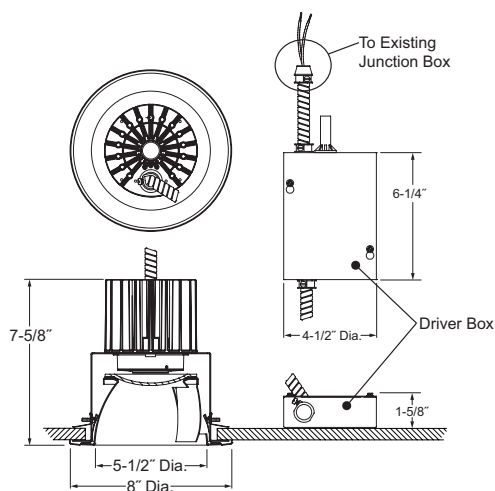
Example: **CTRT6-11V1-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CTRT6	11	V	1	LDI
CTRT6	11-1100 Lumens	V-Variable 1600K-4000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **LRT600WS-CQ-WH**

Reflector	Color Options	Finish	Options
LRT600WS	C	Q	WH
LRT600WS Wall Wash	C-Clear	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

Dimensions



Accessories

Catalog No. Description

CTTOOL Remote Commissioning Tool



LED | 8" LED Hyperbolic Tunable White/Color Tuning Retrofit Downlight

Converts CFL, HID, Incandescent, 1100 Lumens

ChromaControl™



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM. Accommodates apertures 7 5/8" to 8 1/8" diameter.

Features

Hyperbolic Reflector Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K • Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection • Calibration feature maintains color point over lifetime • LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

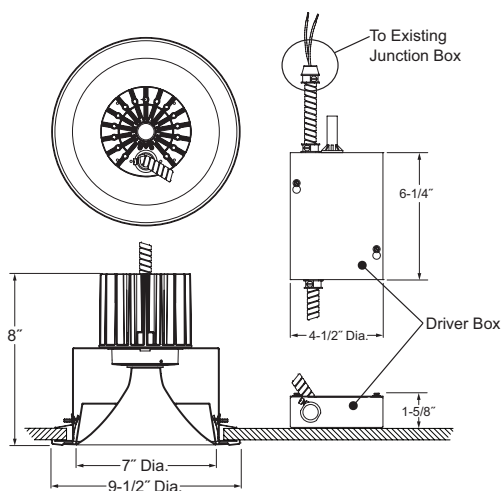
Example: CTRT8-11V1-LDI

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CTRT8	11	V	1	LDI
CTRT8	11-1100 Lumens	V-Variable 1600K-4000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: LRT800HW-CQ-WH

Reflector	Color Options	Finish	Options
LRT800HW	C	Q	WH
LRT800H Open Reflector, Medium Distribution	C-Clear	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only)	WH-White Flange
LRT800HW Open Reflector, Wide Distribution		blank-White	

Dimensions



Accessories

Catalog No. Description

CTTOOL Remote Commissioning Tool



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM. Accommodates apertures 7 5/8" to 8 1/8" diameter.

Features

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convex glass lens

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K
• Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection
• Calibration feature maintains color point over lifetime
• LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

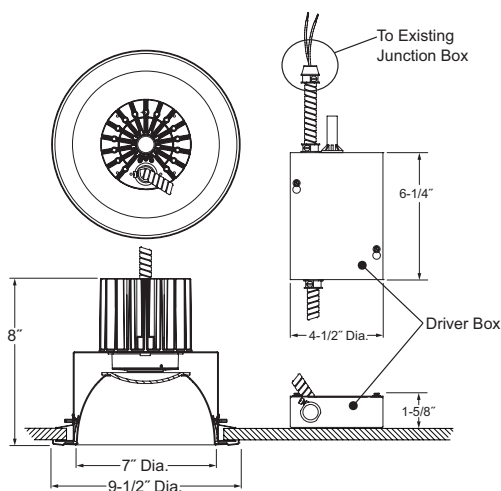
Example: **CTRT8-11V1-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CTRT8	11	V	1	LDI
CTRT8	11-1100 Lumens	V-Variable 1600K-4000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **LRT800P-CQ-WET**

Reflector	Color Options	Finish	Options
LRT800P	C	Q	WET
LRT800P Parabolic, Open Reflector	C-Clear W-White	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange WET-Wet Location
LRT800B Baffle	W-White B-Black		

Dimensions



Accessories

Catalog No. Description

CTTOOL	Remote Commissioning Tool
--------	---------------------------



Description

Tunable natural white light on the Planckian curve. Adjustable Hue and Saturation for full color tuning to anywhere on the chromaticity diagram. Very high CRI and R9 values throughout range from 1600K thru 4000K. "COPY" and "PASTE" feature for exact fixture-to-fixture color matching within 2 SDCM. Accommodates apertures 7 5/8" to 8 1/8" diameter.

Features

Reflector/Lens Computer-optimized parabolic trim with integral wall wash kicker and frosted convexed lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Electrical LED Light Engine: Natural white light on the Planckian curve • Tunable CCT ranges of 1600-4000K
• Very high (91-98 CRI) color rendering and R9 values over the tunable range • Integrated thermal turn down protection
• Calibration feature maintains color point over lifetime
• LED Driver: Dimming down to 1% • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information

Rough-in, reflector and accessories each ordered separately

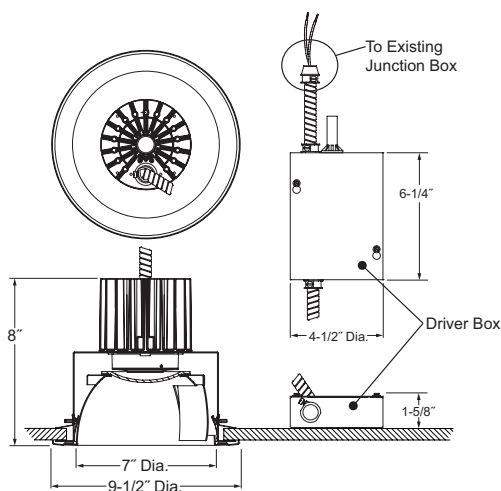
Example: **CTRT8-11V1-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
CTRT8	11	V	1	LDI
CTRT8	11-1100 Lumens	V-Variable 1600K-4000K	1-120V 2-277V 3-347V	F-Fuse and Fuse Holder LDI-Lumen Depreciation Indicator

Example: **LRT800WS-CQ-WH**

Reflector	Color Options	Finish	Options
LRT800WS	C	Q	WH
LRT800WS Wall Wash	C-Clear	Low Iridescent Alzak® L-Specular S-Satin Q-Semi-Specular (Clear only) blank-White	WH-White Flange

Dimensions



Accessories

Catalog No. Description

CTTOOL	Remote Commissioning Tool
--------	---------------------------



Description

Vertical lamp design provides uniform light distribution with excellent brightness control. 50° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In Ordering Example: **C4V-118T-BR**

Catalog No.	Description	Options
C4V-113T	1x13W Triple, 4-Pin	347-347 Volt BR-Emergency Battery Back-up w/Remote Switch
C4V-118T	1x18W Triple, 4-Pin	HR-High-Lumen Emergency Battery Back-up w/Remote Switch D10-Dimming Ballast Advance Mark 10™ (not available for 13W) ²
C4V-126T	1x26W Triple, 4-Pin	D7-Dimming Ballast Advance Mark 7™ DL-Dimming Ballast Lutron Compact SE (not available for 13W) ² ***F-Fuse and Fuse Holder (where *** = voltage) CP-Chicago Plenum ¹ NV-Non-vented Socket Cap

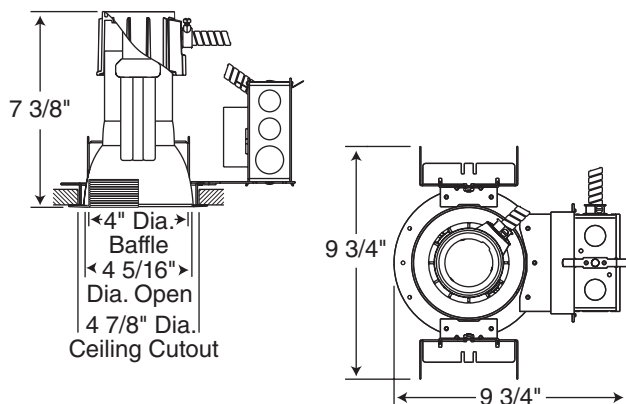
¹Consult factory for availability.

²Add a -1 for 120V, a -2 for 277V.
Example: C4V-118T-D10-1

Reflector Ordering Example: **C400-CL-WH**

Series	Color	Finish	Options
C400 Open Reflector	C-Clear G-Gold WT-Wheat	Low Iridescent Alzak® Finishes: L-Specular S- Satin Blank for Baffle & White	WH-White Flange MAX##-Labeled for maximum wattage (where ## = wattage)
C400WS Single Wall Wash	PT-Pewter BZ-Bronze B-Black		
C400B Baffle	W-White		

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA4-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.



Description

Vertical lamp design provides uniform light distribution with excellent brightness control. 50° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations







Rough-In Ordering Example: **C6V-113Q-BR**

Catalog No.	Description	Options
C6V-113Q	1x13W Quad, 4-Pin	347-347 Volt
C6V-118Q	1x18W Quad, 4-Pin	BR -Emergency Battery Back-up w/Remote Switch
C6VW-113Q	1x13W Quad, 4-Pin for Corner and Double Wall Wash Reflectors	BN -Emergency Battery Back-up w/Integral Test Switch (open reflector only)
C6VW-118Q	1x18W Quad, 4-Pin for Corner and Double Wall Wash Reflectors	HR -High-Lumen Emergency Battery Back-up w/Remote Switch
		HN -High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only)
		D10 -Dimming Ballast Advance Mark 10™ (not available for 13W) ²
		D7 -Dimming Ballast Advance Mark 7™
		DL -Dimming Ballast Lutron Compact SE (not available for 13W) ²
		***F -Fuse and Fuse Holder (where *** = voltage)
		CP -Chicago Plenum ¹
		NV -Non-vented Socket Cap

¹Consult factory for availability.

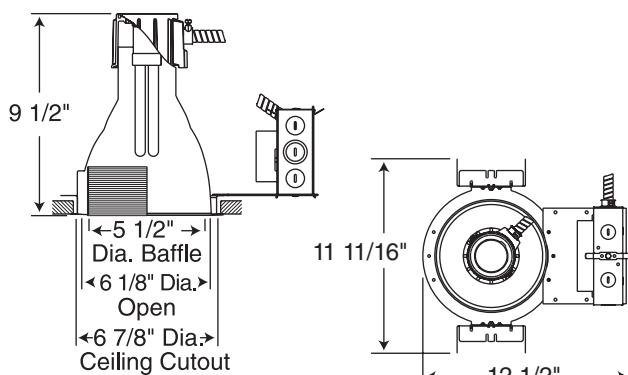
²Add a -1 for 120V, a -2 for 277V.
Example: C6V-118Q-D10-1

Reflector Ordering Example: **C600-CL-WH**

	Series		Color	Finish	Options
	C600	Open Reflector	C -Clear	Low Iridescent	WH -White flange
	C600WS	Single Wall Wash	G -Gold	Alzak® Finishes:	MAX## -Labeled for maximum wattage (where ## = wattage)
	C600WD²	Double Wall Wash	WT -Wheat	L -Specular	BN -Hole for emergency test switch (open reflector only)
	C600WC²	Corner Wall Wash	PT -Pewter	S -Satin	
	C600B	Baffle	BZ -Bronze	Blank for Baffle & White	
	C600X	Cross-Blade Louver	B -Black		
			W -White		

²For use with C6VW rough-in only.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°.
	Example: SCA6-20.



Description

Vertical lamp design provides uniform light distribution with excellent brightness control. 50° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C6V-126/42T-BR**

Catalog No.	Description	Options
C6V-126/42T	1x26W or 32W Triple, 4-Pin	347 -347 Volt BR -Emergency Battery Back-up w/Remote Switch
C6VW-126/42T	1x26W or 32W Triple, 4-Pin for Double and Corner Wall Wash Reflectors	BN -Emergency Battery Back-up w/Integral Test Switch (open reflector only) HR -High-Lumen Emergency Battery Back-up w/Remote Switch HN -High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹ NV -Non-vented Socket Cap

¹Consult factory for availability.







²Add a -1 for 120V, a -2 for 277V.

³Lutron dimming ballast is wattage specific.

Example: 32W/120V = C6V-132T-DL-1
26W/277V = C6V-126T-DL-2

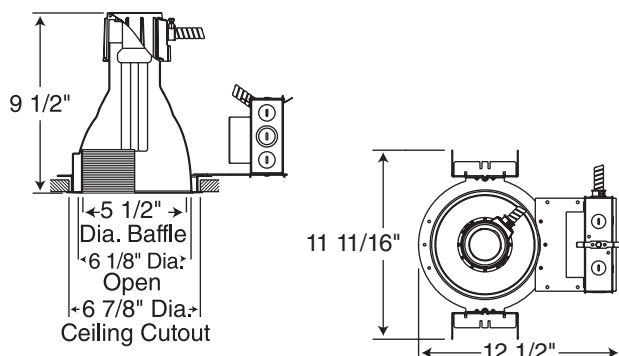
Reflector

Ordering Example: **C600-CL-MAX26**

	Series		Color	Finish	Options
	C600	Open Reflector	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Low Iridescent Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage) BN -Hole for emergency test switch (open reflector only)
	C600WS	Single Wall Wash			
	C600WD ²	Double Wall Wash			
	C600WC ²	Corner Wall Wash			
	C600B	Baffle			
	C600X	Cross-Blade Louver			

²For use with C6VW rough-in only.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



Description

Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodate Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C6V-126/42T-BR**

Catalog No.	Description	Options
C6V-126/42T	1x26W or 32W Triple, 4-Pin	347 -347 Volt BR -Emergency Battery Back-up w/Remote Switch HR -High-Lumen Emergency Battery Back-up w/Remote Switch D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} *** F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹ NV -Non-vented Socket Cap

¹Consult factory for availability.

²Add a -1 for 120V, a -2 for 277V.

³Lutron dimming ballast is wattage specific.

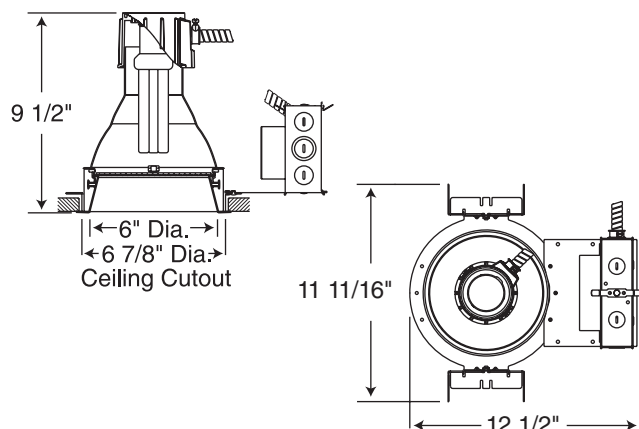
Example: 32W/120V = C6V-132T-DL-1
26W/277V = C6V-126T-DL-2

Lensed Trim

Ordering Example: **C600B-B-FG-MAX26**

Series	Color	Finish	Lens Type	Options
C600LC Lower Cone	C -Clear G -Gold WT -Wheat PT -Pewter	Alzak® Finishes: L -Specular S -Satin Blank for Black & White	CG -Clear Glass PG -Prismatic Glass FG -Fresnel Glass CP -Clear Plastic PP -Prismatic Plastic	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage) WET -Wet Location Listing
C600B Lower Baffle	BZ -Bronze B -Black (Baffle Only) W -White			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



Description

Vertical lamp design provides uniform light distribution with excellent brightness control. 50° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C6V-126/42T-BR**

Catalog No.	Description	Options
C6V-126/42T	1x42W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up w/Remote Switch BN -Emergency Battery Back-up w/Integral Test Switch (open reflector only) HR -High-Lumen Emergency Battery Back-up w/Remote Switch HN -High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹ NV -Non-vented Socket Cap
C6VW-126/42T	1x42W Triple, 4-Pin, for Double and Corner Wall Wash Reflectors	

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.

³Lutron Dimming Ballast is wattage specific.

42W/120V = C6V-142T-DL-1

42W/277V = C6V-142T-DL-2

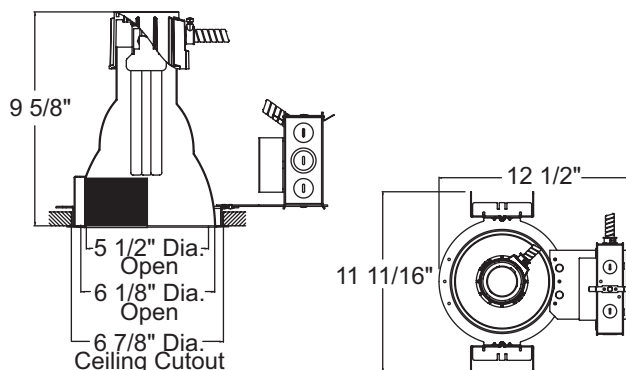
Reflector

Ordering Example: **C600-42-CL-WH**

Series	Color	Finish	Options
C600-42 Open Reflector	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Low Iridescent Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	WH -White flange BN -Hole for emergency test switch (open reflector only)
C600WS-42 Single Wall Wash C600WD-42⁴ Double Wall Wash C600WC-42⁴ Corner Wall Wash			
C600B-42 Baffle			
C600X-42 Cross-Blade Louver			

⁴Use with C6VW only.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



Description

Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodate Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C6V-126/42T-BR**

Catalog No.	Description	Options
C6V-126/42T	1x42W Triple, 4-Pin	347 -347 Volt BR -Emergency Battery Back-up w/Remote Switch HR -High-Lumen Emergency Battery Back-up w/Remote Switch D10 -Dimming Ballast Advance Mark 10™ D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹ NV -Non-vented Socket Cap

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.



³Lutron Dimming Ballast is wattage specific.

42W/120V = C6V-142T-DL-1

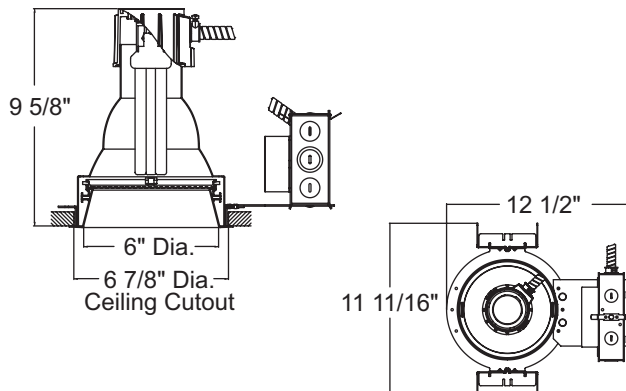
42W/277V = C6V-142T-DL-2

Lensed Trim

Ordering Example: **C600LC-42-B-FG-WET**

Series	Color	Finish	Lens Type	Options
 C600LC-42 Lower Cone	C -Clear G -Gold WT -Wheat PT -Pewter	Alzak® Finishes: L -Specular S -Satin Blank for Black & White	CG -Clear Glass PG -Prismatic Glass FG -Fresnel Glass	WH -White flange WET -Wet Location Listing
 C600B-42 Lower Baffle	BZ -Bronze B -Black (Baffle Only) W -White			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°.

Example: SCA6-20.



Description

Vertical lamp design provides uniform light distribution with excellent brightness control. 50° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C8V-118Q-BR**







Catalog No.	Description	Options
C8V-118Q	1x18W Quad, 4-Pin	347-347 Volt BR -Emergency Battery Back-up w/Remote Switch
C8V-126Q	1x26W Quad, 4-Pin	BN -Emergency Battery Back-up w/Integral Test Switch (open reflector only)
C8VW-118Q	1x18W Quad, 4-Pin for Corner and Double Wall Wash Reflectors	HR -High-Lumen Emergency Battery Back-up w/Remote Switch HN -High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only)
C8VW-126Q	1x26W Quad, 4-Pin for Corner and Double Wall Wash Reflectors	D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ² *** F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹ NV -Non-vented Socket Cap

¹Consult factory for availability.

²Add a -1 for 120V, a -2 for 277V.
Example: C8V-118Q-D10-1

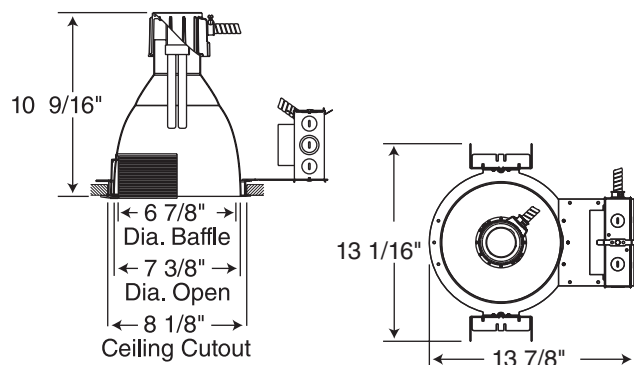
Reflector

Ordering Example: **C800-CL-WH**

	Series		Color	Finish	Options
	C800	Open Reflector	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Low Iridescent Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage) BN -Hole for emergency test switch (open reflector only)
	C800WS	Single Wall Wash			
	C800WD ²	Double Wall Wash			
	C800WC ²	Corner Wall Wash			
	C800B	Baffle			
	C800X	Cross-Blade Louver			

²For use with C8VW rough-in only.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

Vertical lamp design provides uniform light distribution with excellent brightness control. 50° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C8V-126/42T-BR**

Catalog No.	Description	Options
C8V-126/42T	1x26W or 32W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up w/Remote Switch
C8VW-126/42T	1x26 or 32W Triple, 4-Pin, for Double and Corner Wall Wash Reflectors	BN -Emergency Battery Back-up w/Integral Test Switch (open reflector only) HR -High-Lumen Emergency Battery Back-up w/Remote Switch HN -High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹ NV -Non-vented Socket Cap

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.







³Lutron Dimming Ballast is wattage specific.

Example: 32W/120V = C8V-132T-DL-1

26W/277V = C8V-126T-DL-2

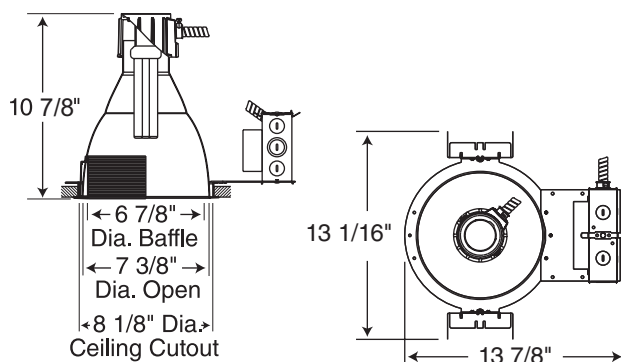
Reflector

Ordering Example: **C800-CL-WH**

	Series		Color	Finish	Options
	C800	Open Reflector	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Low Iridescent Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage) BN -Hole for emergency test switch (open reflector only)
	C800WS	Single Wall Wash			
	C800WD ²	Double Wall Wash			
	C800WC ²	Corner Wall Wash			
	C800B	Baffle			
	C800X	Cross-Blade Louver			

²For use with C8VW rough-in only.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In Ordering Example: **C8V-126/42T-BR**

Catalog No.	Description	Options
C8V-126/42T	1x26W or 32W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up w/Remote Switch HR -High-Lumen Emergency Battery Back-up w/Remote Switch D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹ NV -Non-vented Socket Cap

¹Consult factory for availability.



²Add a-1 for 120V, a-2 for 277V.

³Lutron Dimming Ballast is wattage specific.

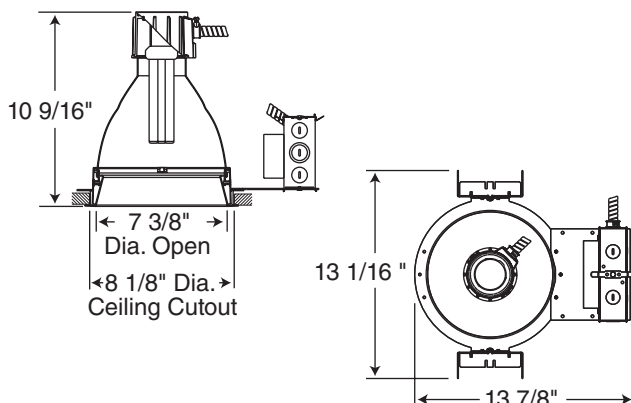
Example: 32W/120V = C8V-132T-DL-1

26W/277V = C8V-126T-DL-2

Lensed Trim Ordering Example: **C800B-B-FG-WET**

Series	Color	Finish	Lens Type	Options
 C800LC Lower Cone	C -Clear G -Gold WT -Wheat PT -Pewter	Alzak® Finishes: L -Specular S -Satin Blank for Black & White	CG -Clear Glass PG -Prismatic Glass FG -Fresnel Glass CP -Clear Plastic PP -Prismatic Plastic	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage) WET -Wet Location Listing
 C800B Lower Baffle	BZ -Bronze B -Black (Baffle Only) W -White			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

Vertical lamp design provides uniform light distribution with excellent brightness control. 45° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C8VW-126/42T-BR**

Catalog No.	Description	Options
C8V-126/42T	1x42W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up w/Remote Switch
C8VW-126/42T	1x42W Triple, 4-Pin, for Double and Corner Wall Wash Reflectors	BN -Emergency Battery Back-up w/Integral Test Switch (open reflector only) HR -High-Lumen Emergency Battery Back-up w/Remote Switch HN -High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹ NV -Non-vented Socket Cap

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.

³Lutron Dimming Ballast is wattage specific.

Example: 42W/120V = C8V-142T-DL-1

42W/277V = C8V-142T-DL-2

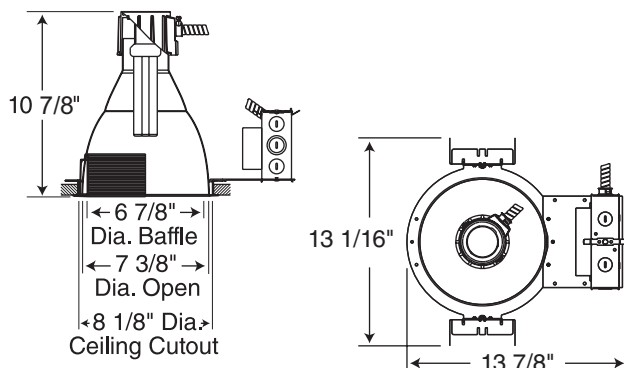
Reflector

Ordering Example: **C800WD-42-CL-WH**

Series	Color	Finish	Options
C800-42 Open Reflector, Narrow	C -Clear	Low Iridescent	WH -White flange
C800W-42 Open Reflector, Wide	G -Gold	Alzak® Finishes:	BN -Hole for emergency test switch (open reflector only)
C800WS-42 Single Wall Wash	WT -Wheat	L -Specular	
C800WD-42² Double Wall Wash	PT -Pewter	S -Satin	
C800WC-42² Corner Wall Wash	BZ -Bronze	Blank for Baffle & White	
C800B-42 Baffle	B -Black		
	W -White		

²For use with C8VW rough-in only.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter
*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°.	
Example: SCA8-20.	



Description

Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C8V-126/42T-BR**

Catalog No.	Description	Options
C8V-126/42T	1x42W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up w/Remote Switch HR -High-Lumen Emergency Battery Back-up w/Remote Switch D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹ NV -Non-vented Socket Cap

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.



³Lutron Dimming Ballast is wattage specific.

Example: 42W/120V = C8V-142T-DL-1

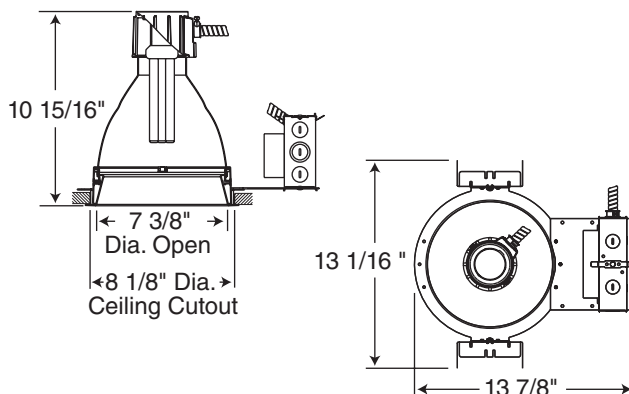
42W/277V = C8V-142T-DL-2

Lensed Trim

Ordering Example: **C800B-42-B-FG-WET**

Series	Color	Finish	Lens Type	Options
 C800LC-42 Lower Cone	C -Clear G -Gold WT -Wheat PT -Pewter	Alzak® Finishes: L -Specular S -Satin Blank for Black & White	CG -Clear Glass PG -Prismatic Glass FG -Fresnel Glass	WH -White flange WET -Wet Location Listing
 C800B-42 Lower Baffle	BZ -Bronze B -Black (Baffle Only) W -White			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

Vertical lamp design provides uniform light distribution with excellent brightness control. 45° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In Ordering Example: **C9V-126/42T-BR**

Catalog No.	Description	Options
C9V-126/42T	1x42W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up w/Remote Switch
C9VW-126/42T	1x42W Triple, 4-Pin, for Double and Corner Wall Wash Reflectors	BN -Emergency Battery Back-up w/Integral Test Switch (open reflector only) HR -High-Lumen Emergency Battery Back-up w/Remote Switch HN -High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹ NV -Non-vented Socket Cap

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.

³Lutron Dimming Ballast is wattage specific.

Example: 42W/120V = C9V-142T-DL-1

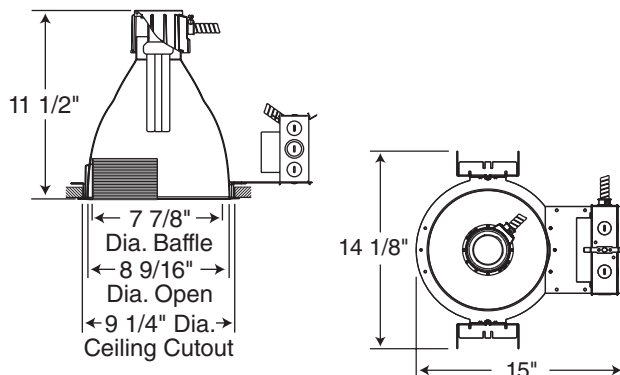
42W/277V = C9V-142T-DL-2

Reflector Ordering Example: **C900-CL-WH**

	Series	Color	Finish	Options
	C900 Open Reflector	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Low Iridescent Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage) BN -Hole for emergency test switch (open reflector only)
	C900WS Single Wall Wash			
	C900WD ⁴ Double Wall Wash			
	C900WC ⁴ Corner Wall Wash			
	C900B Baffle			

⁴For use with C9VW rough-in only.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA9-20.



Description

Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In

Ordering Example: **C9V-126/42T-BR**

Catalog No.	Description	Options
C9V-126/42T	1x42W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up w/Remote Switch HR -High-Lumen Emergency Battery Back-up w/Remote Switch D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹ NV -Non-vented Socket Cap

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.

³Lutron Dimming Ballast is wattage specific.

Example: 42W/120V = C9V-142T-DL-1

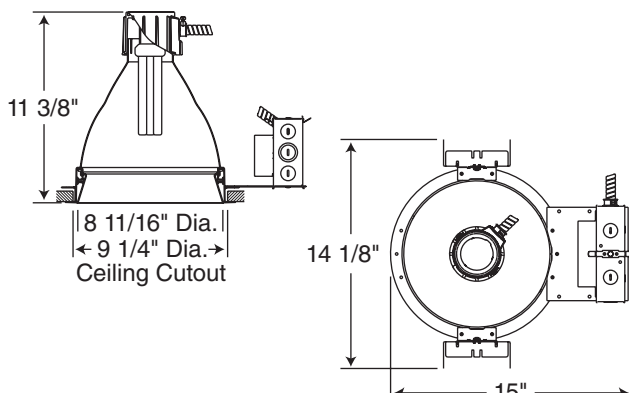
42W/277V = C9V-142T-DL-2

Lensed Trim

Ordering Example: **C900B-B-PG**

Series	Color	Finish	Lens Type	Options
C900LC Lower Cone	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black (Baffle Only) W -White	Alzak® Finishes: L -Specular S -Satin Blank for Black & White	CG -Clear Glass PG -Prismatic Glass FG -Fresnel Glass CP -Clear Plastic PP -Prismatic Plastic	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage) WET -Wet Location Listing
C900B Lower Baffle				

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°.

Example: SCA9-20.



Description

Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control. 55° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C6H-113Q-BR**

Catalog No.	Description	Options
C6H-113Q	1x13W Quad, 4-Pin	347-347 Volt
C6H-213Q	2x13W Quad, 4-Pin	BR -Emergency Battery Back-up w/Remote Switch
C6H-118Q	1x18W Quad, 4-Pin	BN -Emergency Battery Back-up w/Integral Test Switch
C6H-218Q	2x18W Quad, 4-Pin	(open reflector only)
C6H-126Q	1x26W Quad, 4-Pin	HR -High-Lumen Emergency Battery Back-up w/Remote Switch
C6H-226Q	2x26W Quad, 4-Pin	HN -High-Lumen Emergency Battery Back-up w/Integral Test Switch
		(open reflector only)
		D10 -Dimming Ballast Advance Mark 10™ (not available for 13W) ²
		D7 -Dimming Ballast Advance Mark 7™
		DL -Dimming Ballast Lutron Compact SE (not available for 13W) ²
		***F -Fuse and Fuse Holder (where *** = voltage)
		2S -Dual Level Switching
		CP -Chicago Plenum ¹

¹Consult factory for availability.

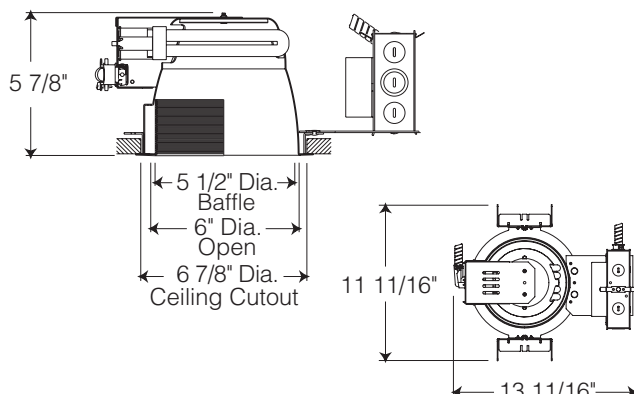
²Add a -1 for 120V, a -2 for 277V.
Example: C6H-118Q-D10-1

Reflector

Ordering Example: **C650-CL-WH**

	Series		Color	Finish	Options
	C650	Open Reflector, 1 Lamp	C -Clear	Low Iridescent	BN -Hole for emergency
	C652	Open Reflector, 2 Lamp	G -Gold	Alzak® Finishes:	test switch (open
			WT -Wheat	L -Specular	reflector only)
	C650WS	Single Wall Wash, 1 Lamp	PT -Pewter	S -Satin	WH -White flange
	C652WS	Single Wall Wash, 2 Lamp	BZ -Bronze	Blank for Baffle & White	MAX## -Labeled for
			B -Black		maximum wattage (where
			W -White		## = wattage)
	C650B-Q	Baffle, 1 Lamp			
	C652B-Q	Baffle, 2 Lamp			
	C650X-Q	Cross-Blade Louver, 1 Lamp			
	C652X-Q	Cross-Blade Louver, 2 Lamp			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°.
	Example: SCA6-20.



Description

Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In

Ordering Example: **C6H-118Q-BR**


Catalog No.	Description	Options
C6H-113Q	1x13W Quad, 4-Pin	347 -347 Volt
C6H-213Q	2x13W Quad, 4-Pin	BR -Emergency Battery Back-up w/Remote Switch
C6H-118Q	1x18W Quad, 4-Pin	HR -High-Lumen Emergency Battery Back-up w/Remote Switch
C6H-218Q	2x18W Quad, 4-Pin	D10 -Dimming Ballast Advance Mark 10™ (not available for 13W) ²
C6H-126Q	1x26W Quad, 4-Pin	D7 -Dimming Ballast Advance Mark 7™
C6H-226Q	2x26W Quad, 4-Pin	DL -Dimming Ballast Lutron Compact SE (not available for 13W) ²
		***F -Fuse and Fuse Holder (where *** = voltage)
		2S -Dual Level Switching
		CP -Chicago Plenum ¹

¹Consult factory for availability.

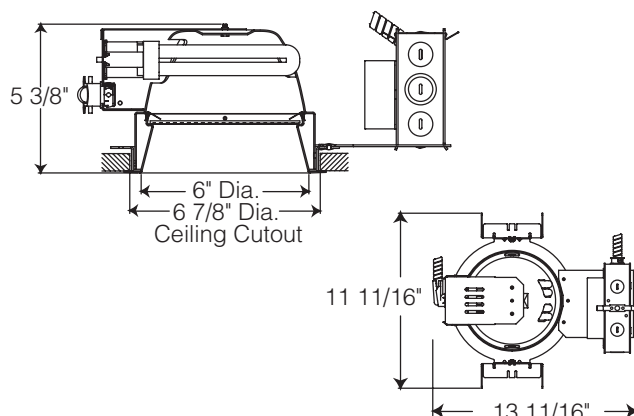
²Add a -1 for 120V, a -2 for 277V.
Example: C6H-118Q-D10-1

Lensed Trim

Ordering Example: **C650B-Q-B-FG-WH**

Series	Color	Finish	Lens Type	Options
 C650LC-Q Lower Cone, 1 Lamp	C -Clear	Alzak® Finishes:	CG -Clear Glass	WH -White flange
	G -Gold	L -Specular	PG -Prismatic Glass	MAX## -Labeled for maximum wattage
C652LC-Q Lower Cone, 2 Lamp	WT -Wheat	S -Satin	FG -Fresnel Glass	(where ## = wattage)
	PT -Pewter	Blank for Black & White	CP -Clear Plastic	WET -Wet Location Listing
C650B-Q Lower Baffle, 1 Lamp	BZ -Bronze		PP -Prismatic Plastic	
	B -Black (Baffle Only)			
C652B-Q Lower Baffle, 2 Lamp	W -White			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



Description

Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control. 55° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C6H-126/42T-BR**

Catalog No.	Description	Options
C6H-126/42T	1x26W or 32W or 42W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up with Remote Switch BN -Emergency Battery Back-up with Integral Test Switch (open reflector only) HR -High-Lumen Emergency Battery Back-up w/Remote Switch HN -High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.





³Lutron Dimming Ballast is wattage specific.

Example: 42W/120V = C6H-142T-DL-1

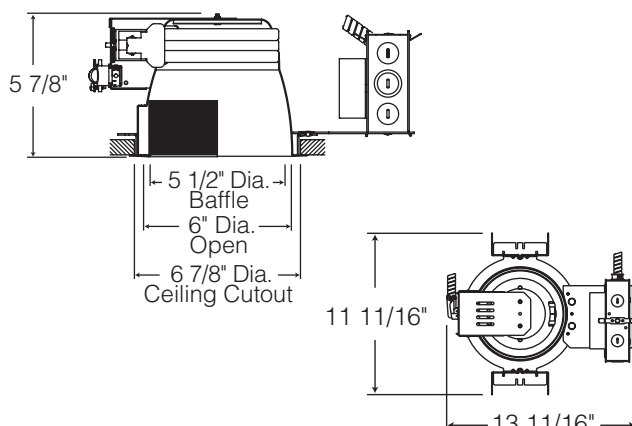
42W/277V = C6H-142T-DL-2

Reflector

Ordering Example: **C650WS-CL-WH**

	Series		Color	Finish	Options
	C650	Open Reflector	C -Clear	Low Iridescent	BN -Hole for emergency test switch (open reflector only)
	C650WS	Single Wall Wash	G -Gold	Alzak® Finishes:	WH -White flange
	C650B-T	Baffle	WT -Wheat	L -Specular	MAX## -Labeled for maximum wattage (where ## = wattage)
	C650X-T	Cross-Blade Louver	PT -Pewter	S -Satin	
			BZ -Bronze	Blank for Baffle & White	
			B -Black		
			W -White		

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



Description

Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In

Ordering Example: **C6H-126/42T-BR**

Catalog No.	Description	Options
C6H-126/42T	1x26W or 32W or 42W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up with Remote Switch HR -High-Lumen Emergency Battery Back-up with Remote Switch D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.



³Lutron Dimming Ballast is wattage specific.

Example: 42W/120V = C6H-142T-DL-1

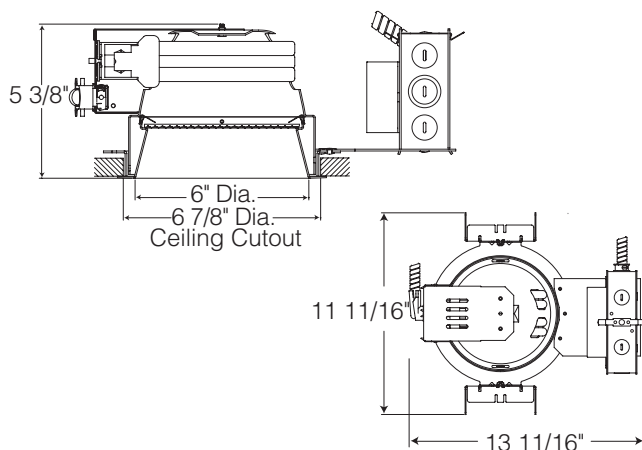
42W/277V = C6H-142T-DL-2

Lensed Trim

Ordering Example: **C650B-T-B-PG-WET**

Series	Color	Finish	Lens Type	Options
 C650LC-T Lower Cone	C -Clear G -Gold WT -Wheat PT -Pewter	Alzak® Finishes: L -Specular S -Satin Blank for Black & White	CG -Clear Glass PG -Prismatic Glass FG -Fresnel Glass CP -Clear Plastic PP -Prismatic Plastic	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage) WET -Wet Location Listing
 C650B-T Lower Baffle	BZ -Bronze B -Black (Baffle Only) W -White			

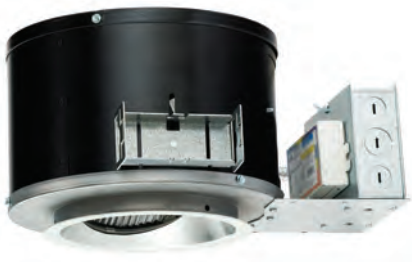
Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



Description

Provides uniform illumination of vertical surface without scallops.

Features

- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C6AW-126/42T**

Catalog No.	Description	Options
C6AW-126/42T	1x26W or 32W or 42W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up with Remote Switch HR -High-Lumen Emergency Battery Back-up with Remote Switch D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.


³Lutron Dimming Ballast is wattage specific.

Example: 42W/120V = C6AW-142T-DL-1

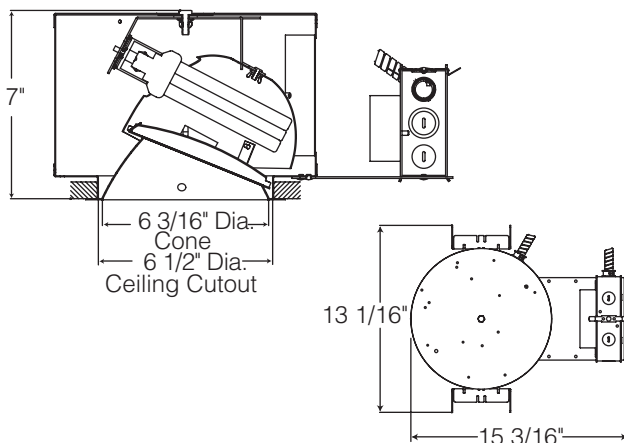
42W/277V = C6AW-142T-DL-2

Reflector

Ordering Example: **C6WL-CL-WH**

Series	Color	Finish	Options
 C6WL Spread Lens Wall Wash	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze W -White	Low Iridescent Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage)

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists



Description

Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control. 55° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations




Rough-In Ordering Example: **C8H-118Q-BR**

Catalog No.	Description	Options
C8H-118Q	1x18W Quad, 4-Pin	347-347 Volt
C8H-218Q	2x18W Quad, 4-Pin	BR -Emergency Battery Back-up with Remote Switch
C8H-126Q	1x26W Quad, 4-Pin	BN -Emergency Battery Back-up with Integral Test Switch (open reflector only)
C8H-226Q	2x26W Quad, 4-Pin	HR -High-Lumen Emergency Battery Back-up w/Remote Switch
		HN -High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only)
		D10 -Dimming Ballast Advance Mark 10™ ²
		D7 -Dimming Ballast Advance Mark 7™
		DL -Dimming Ballast Lutron Compact SE ²
		***F -Fuse and Fuse Holder (where *** = voltage)
		2S -Dual Level Switching
		CP -Chicago Plenum ¹

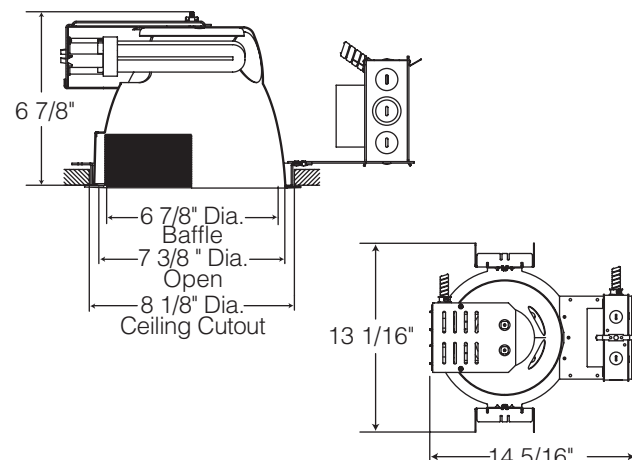
¹Consult factory for availability.

²Add a -1 for 120V, a -2 for 277V.
Example: C8H-118Q-D10-1

Reflector Ordering Example: **C850-CL-WH**

	Series		Color	Finish	Options
	C850	Open Reflector, 1 Lamp	C -Clear	Low Iridescent	BN -Hole for emergency
	C852	Open Reflector, 2 Lamp	G -Gold	Alzak® Finishes:	test switch (open
			WT -Wheat	L -Specular	reflector only)
	C850WS	Single Wall Wash, 1 Lamp	PT -Pewter	S -Satin	WH -White flange
	C852WS	Single Wall Wash, 2 Lamp	BZ -Bronze	Blank for Baffle & White	MAX## -Labeled for
			B -Black		maximum wattage (where
			W -White		## = wattage)
	C850B-Q	Baffle, 1 Lamp			
	C852B-Q	Baffle, 2 Lamp			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In Ordering Example: **C8H-218Q-2S**

Catalog No.	Description	Options
C8H-118Q	1x18W Quad, 4-Pin	347-347 Volt
C8H-218Q	2x18W Quad, 4-Pin	BR-Emergency Battery Back-up w/Remote Switch HR-High-Lumen Emergency Battery Back-up w/Remote Switch D10-Dimming Ballast Advance Mark 10™ ² D7-Dimming Ballast Advance Mark 7™ DL-Dimming Ballast Lutron Compact SE ²
C8H-126Q	1x26W Quad, 4-Pin	***F-Fuse and Fuse Holder (where *** = voltage)
C8H-226Q	2x26W Quad, 4-Pin	2S-Dual Level Switching CP-Chicago Plenum ¹

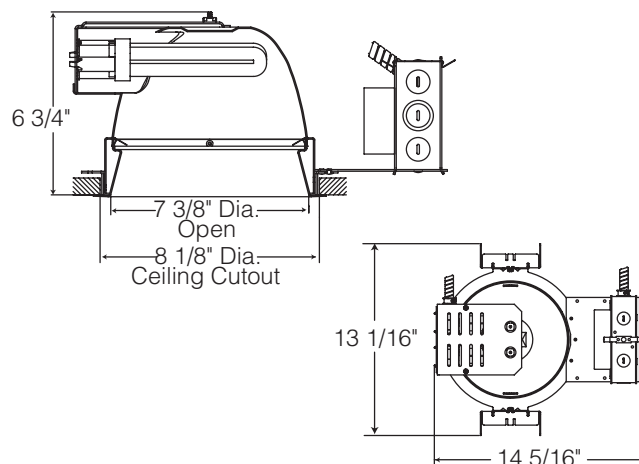
¹Consult factory for availability.

²Add a -1 for 120V, a -2 for 277V.
Example: C8H-118Q-D10-1

Lensed Trim Ordering Example: **C900B-B-PG**

Series	Color	Finish	Lens Type	Options
C850LC-Q Lower Cone, 1 Lamp	C-Clear	Alzak® Finishes:	CG-Clear Glass	WH-White flange
C852LC-Q Lower Cone, 2 Lamp	G-Gold	L-Specular	PG-Prismatic Glass	MAX##-Labeled for maximum wattage (where ## = wattage)
C850B-Q Lower Baffle, 1 Lamp	WT-Wheat	S-Satin	FG-Fresnel Glass	CP-Clear Plastic
C852B-Q Lower Baffle, 2 Lamp	PT-Pewter	Blank for Black & White	PP-Prismatic Plastic	WET-Wet Location Listing
	BZ-Bronze			
	B-Black (Baffle Only)			
	W-White			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

Drop disk design adds a luminous design element to a space while providing shielding for the light source.

Features

- Dropped disk design provides a subtle glow to the ceiling plane
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations



Rough-In Ordering Example: **C8HD-118Q-BR**

Catalog No.	Description	Options
C8HD-118Q	1x18W Quad, 4-Pin	347 -347 Volt BR -Emergency Battery Back-up with Remote Switch
C8HD-218Q	2x18W Quad, 4-Pin	HR -High-Lumen Emergency Battery Back-up with Remote Switch D10 -Dimming Ballast Advance Mark 10™ ²
C8HD-126Q	1x26W Quad, 4-Pin	D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ²
C8HD-226Q	2x26W Quad, 4-Pin	***F -Fuse and Fuse Holder (where *** = voltage) 2S -Dual Level Switching CP -Chicago Plenum ¹

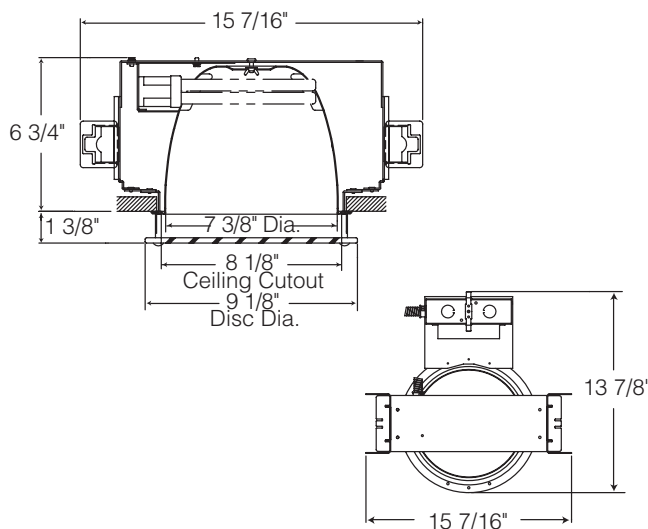
¹Consult factory for availability.

²Add a -1 for 120V, a -2 for 277V.
Example: C8HD-118Q-D10-1

Reflector Ordering Example: **C850-Q-CL-FD-MAX18**

Series	Options
 C850-Q-CL-FD Dropped Disk, 1 Lamp Self flanged clear Alzak® reflector	MAX## -Labeled for maximum wattage (where ## = wattage) WH -White flange
C852-Q-CL-FD Dropped Disk, 2 Lamp Self flanged clear Alzak® reflector	
 C850-Q-CL-FD2 Dropped Double Disk, 1 Lamp Self flanged clear Alzak® reflector	
C852-Q-CL-FD2 Dropped Double Disk, 2 Lamp Self flanged clear Alzak® reflector	

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

Low profile is ideal for restricted plenum depth applications.

Features

- Ultra-low profile provides maximum clearance in tight installations
- Cross-blade louver minimizes glare
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C8HX-218Q-BR**


Catalog No.	Description	Options
C8HX-218Q	2x18W Quad, 4-Pin	347-347 Volt BR -Emergency Battery Back-up with Remote Switch
C8HX-226Q	2x26W Quad, 4-Pin	HR -High-Lumen Emergency Battery Back-up with Remote Switch D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ² ***F -Fuse and Fuse Holder (where *** = voltage) 2S -Dual Level Switching CP -Chicago Plenum ¹

¹Consult factory for availability.

²Add a -1 for 120V, a -2 for 277V.
Example: C8HX-218Q-D10-1

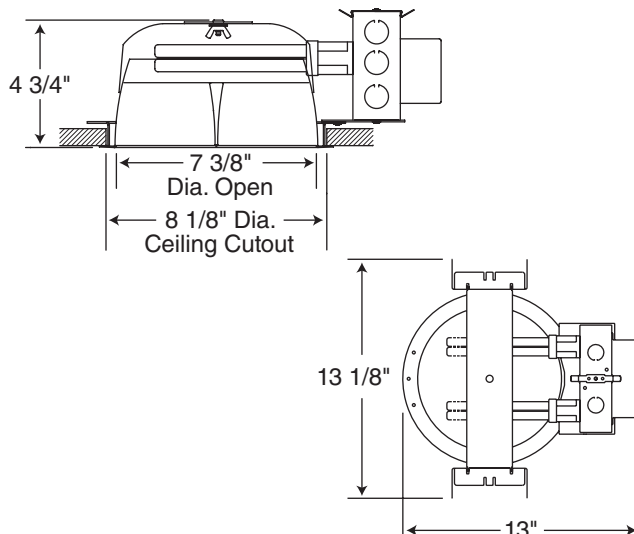
Reflector

Ordering Example: **C852X-CS**

Series	Color	Finish ³	Options
 C852X	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze	Alzak® Finishes: L-Specular S-Satin	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage)

³Cross-Blade Louver comes standard with Satin finish. Consult factory for Specular Louver.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

Provides uniform illumination of vertical surface without scallops.

Features

- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In Ordering Example: **C8AW-218Q-BR**

Catalog No.	Description	Options
C8AW-218Q	2x18W Quad, 4-Pin	347-347 Volt
C8AW-226Q	2x26W Quad, 4-Pin	BR -Emergency Battery Back-up with Remote Switch
		HR -High-Lumen Emergency Battery Back-up with Remote Switch
		D10 -Dimming Ballast Advance Mark 10™ ²
		D7 -Dimming Ballast Advance Mark 7™
		DL -Dimming Ballast Lutron Compact SE ²
		***F -Fuse and Fuse Holder (where *** = voltage)
		2S -Dual Level Switching
		CP -Chicago Plenum ¹

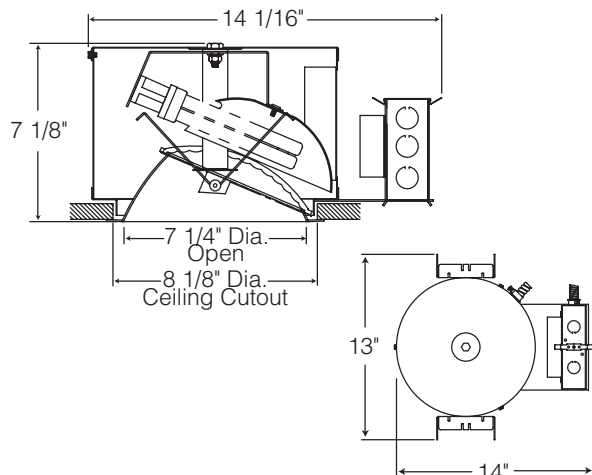
¹Consult factory for availability.

²Add a -1 for 120V, a -2 for 277V.
Example: C8AW-218Q-D10-1

Lensed Trim Ordering Example: **C8WL-CL-WH**

Series	Color	Finish	Options
C8WL Spread Lens Wall Wash	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze W -White	Alzak® Finishes: L -Specular S -Satin Blank for White	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage)

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair



Description

Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control. 55° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C8H-126/42T-2S**

Catalog No.	Description	Options
C8H-126/42T	1x26W or 32W or 42W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up with Remote Switch BN -Emergency Battery Back-up with Integral Test Switch (open reflector only) HR -High-Lumen Emergency Battery Back-up with Remote Switch HN -High-Lumen Emergency Battery Back-up with Integral Test Switch (open reflector only) D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) 2S -Dual Level Switching CP -Chicago Plenum ¹
C8H-226/42T	2x26W or 32W or 42W Triple, 4-Pin	

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.

³Lutron Dimming Ballast is wattage specific.

Example: 42W/120V = C8H-142T-DL-

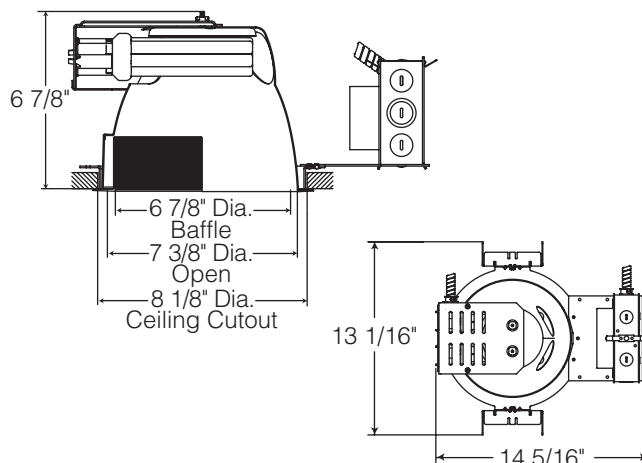
142W/277V = C8H-142T-DL-2

Reflector

Ordering Example: **C850-CL-MAX26**

	Series		Color	Finish	Options
	C850	Open Reflector, 1 Lamp	C -Clear	Low Irrescent	BN -Hole for Emergency Test switch (open reflector only)
	C852	Open Reflector, 2 Lamp	G -Gold	Alzak® Finishes:	WH -White flange
			WT -Wheat	L -Specular	MAX## -Labeled for maximum wattage (where ## = wattage)
	C850WS	Single Wall Wash, 1 Lamp	PT -Pewter	S -Satin	
	C852WS	Single Wall Wash, 2 Lamp	BZ -Bronze	Blank for Baffle & White	
			B -Black		
	C850B-T	Baffle, 1 Lamp	W -White		
	C852B-T	Baffle, 2 Lamp			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In

Ordering Example: **C8H-226/42T-2S**

Catalog No.	Description	Options
C8H-126/42T	1x26W or 32W or 42W Triple, 4-Pin	347 -347 Volt
C8H-226/42T	2x26W or 32W or 42W Triple, 4-Pin	BR -Emergency Battery Back-up with Remote Switch HR -High-Lumen Emergency Battery Back-up with Remote Switch D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) 2S -Dual Level Switching CP -Chicago Plenum ¹

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.




³Lutron Dimming Ballast is wattage specific.

Example: 42W/120V = C8H-142T-DL-1|

42W/277V = C8H-142T-DL-2

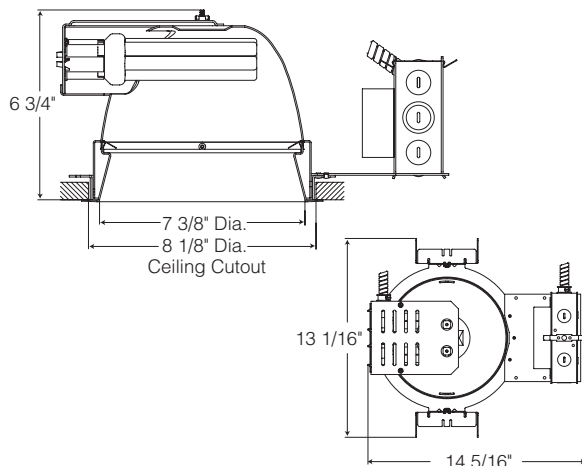
Lensed Trim

Ordering Example: **C852B-T-B-FG**

Series	Color	Finish	Lens Type	Options
 C850LC-T Lower Cone, 1 Lamp	C -Clear	Alzak® Finishes:	CG -Clear Glass	WH -White flange
 C852LC-T Lower Cone, 2 Lamp	G -Gold	L -Specular	PG -Prismatic Glass	MAX## -Labeled for maximum wattage (where ## = wattage)
 C850B-T Lower Baffle, 1 Lamp	WT -Wheat	S -Satin	FG -Fresnel Glass	CP -Clear Plastic ⁴
 C852B-T Lower Baffle, 2 Lamp	PT -Pewter	Blank for Black & White	CP -Clear Plastic ⁴	PP -Prismatic Plastic ⁴
	BZ -Bronze			WET -Wet Location Listing
	B -Black (Baffle Only)			
	W -White			

⁴For use with 1 lamp fixtures only.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

Low profile is ideal for restricted plenum depth applications.

Features

- Ultra-low profile provides maximum clearance in tight installations
- Cross-blade louver minimizes glare
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In

Ordering Example: **C8HX-226/42T-BR**

Catalog No.	Description	Options
C8HX-226/42T	2x26W or 32W or 42W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up w/Remote Switch HR -High-Lumen Emergency Battery Back-up w/Remote Switch D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) 2S -Dual Level Switching CP -Chicago Plenum ¹

¹Consult factory for availability.
²Add a-1 for 120V, a-2 for 277V.
³Lutron Dimming Ballast is wattage specific.
 Example: 42W/120V = C8HX-242T-DL-
 142W/277V = C8HX-242T-DL-2

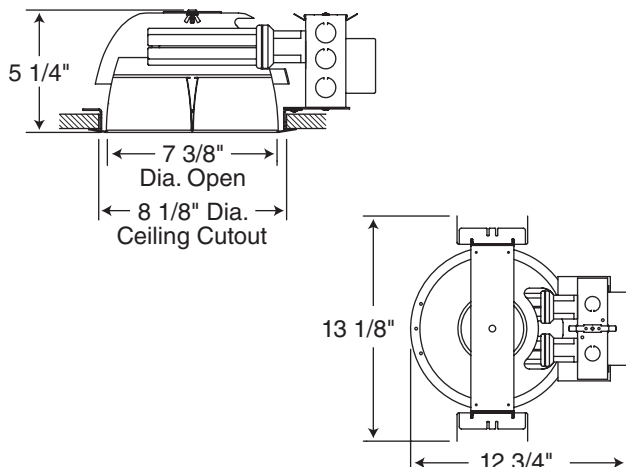
Reflector

Ordering Example: **C852X-CS**

Series	Color	Finish ⁴	Options
 C852X Cross-Blade Louver for Downlighting	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze	Alzak® Finishes: L -Specular S -Satin	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage)

⁴Cross-Blade Louver comes standard with Satin finish. Consult factory for Specular Louver.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

Provides uniform illumination of vertical surface without scallops.

Features

- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C8AW-126/42T-BR**

Catalog No.	Description	Options
C8AW-126/42T	1x26W or 32W or 42W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up w/Remote Switch HR -High-Lumen Emergency Battery Back-up w/Remote Switch D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.

³Lutron Dimming Ballast is wattage specific.

Example: 42W/120V = C8AW-142T-DL-1

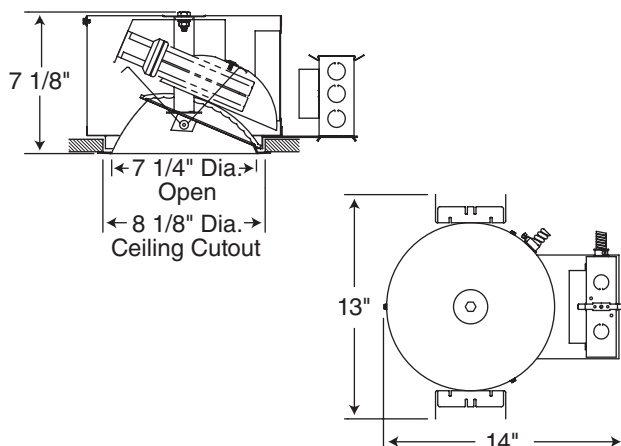
42W/277V = C8AW-142T-DL-2

Lensed Trim

Ordering Example: **C8WL-CL-WH**

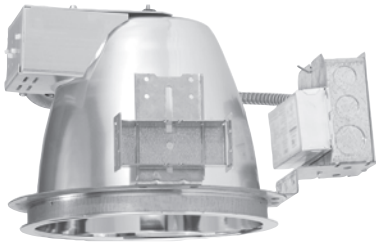
Series	Color	Finish	Options
 C8WL Spread Lens Wall Wash	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze W -White	Alzak® Finishes: L -Specular S -Satin Blank for White	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage)

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair



Description

Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control. 55° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In Ordering Example: **C9H-118Q-BR**


Catalog No.	Description	Options
C9H-118Q	1x18W Quad, 4-Pin	347-347 Volt BR -Emergency Battery Back-up w/Remote Switch
C9H-218Q	2x18W Quad, 4-Pin	BN -Emergency Battery Back-up w/Integral Test Switch
C9H-126Q	1x26W Quad, 4-Pin	HR -High-Lumen Emergency Battery Back-up w/Remote Switch
C9H-226Q	2x26W Quad, 4-Pin	HN -High-Lumen Emergency Battery Back-up with Integral Test Switch (open reflector only) D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) 2S -Dual Level Switching CP -Chicago Plenum ¹

¹Consult factory for availability.

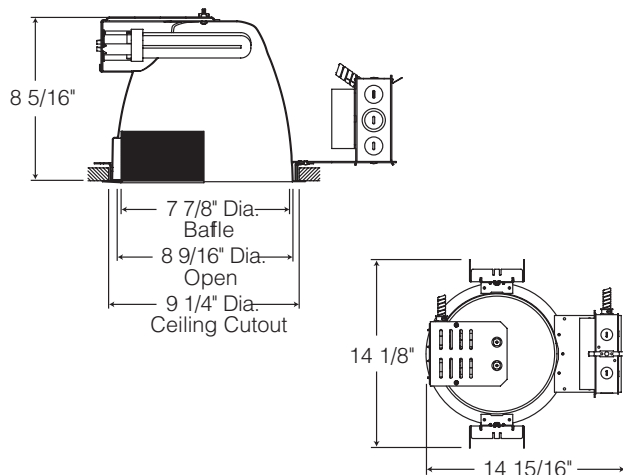
²Add a -1 for 120V, a -2 for 277V.

³Lutron Dimming Ballast is wattage specific.
Example: C9H-118Q-D10-1

Reflector Ordering Example: **C952-CL-WH**

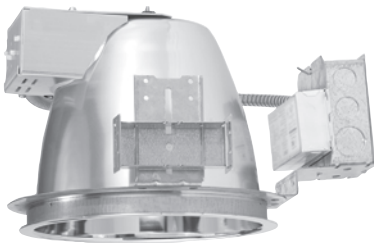
Series	Color	Finish	Options
 C952 Open Reflector, 1 or 2 Lamp	C -Clear G -Gold WT -Wheat	Low Iridescent Alzak® Finishes: L -Specular	BN -Hole for Emergency Test switch WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage)
 C952WS Single Wall Wash, 1 or 2 Lamp	PT -Pewter BZ -Bronze B -Black	S -Satin Blank for Baffle & White	
 C952B Baffle, 1 or 2 Lamp	W -White		

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA9-20.



Description

Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control. 55° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C9H-126/42T-BR**

Catalog No.	Description	Options
C9H-126/42T	1x26W or 32W or 42W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up w/Remote Switch
C9H-226/42T	2x26W or 32W or 42W Triple, 4-Pin	BN -Emergency Battery Back-up w/Integral Test Switch (open reflector only) HR -High-Lumen Emergency Battery Back-up w/Remote Switch HN -High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) 2S -Dual Level Switching CP -Chicago Plenum ¹

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.

³Lutron Dimming Ballast is wattage specific.

Example: 42W/120V = C9H-142T-DL-1

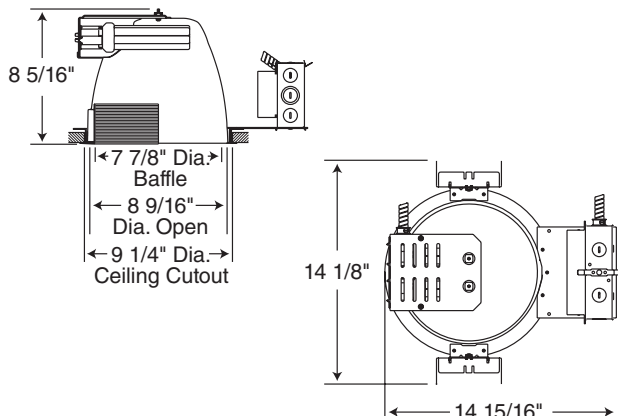
42W/277V = C9H-142T-DL-2

Reflector

Ordering Example: **C952-CL-WH**

Series	Color	Finish	Options
C952 Open Reflector, 1 or 2 Lamp	C -Clear G -Gold WT -Wheat	Low Irrescent Alzak® Finishes: L -Specular	BN -Hole for Emergency Test switch (open reflector only)
C952WS Single Wall Wash, 1 or 2 Lamp	PT -Pewter BZ -Bronze B -Black	S -Satin Blank for Baffle & White	WH -White flange
C952B Baffle, 1 or 2 Lamp	W -White		MAX## -Labeled for maximum wattage (where ## = wattage)

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA9-20.



Description

Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In

Ordering Example: **C9H-226/42T-2S**

Catalog No.	Description	Options
C9H-226/42T	2x26W or 32W or 42W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up w/Remote Switch HR -High-Lumen Emergency Battery Back-up w/Remote Switch D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) 2S -Dual Level Switching CP -Chicago Plenum ¹

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.



³Lutron Dimming Ballast is wattage specific.

Example: 42W/120V = C9H-242T-DL-1

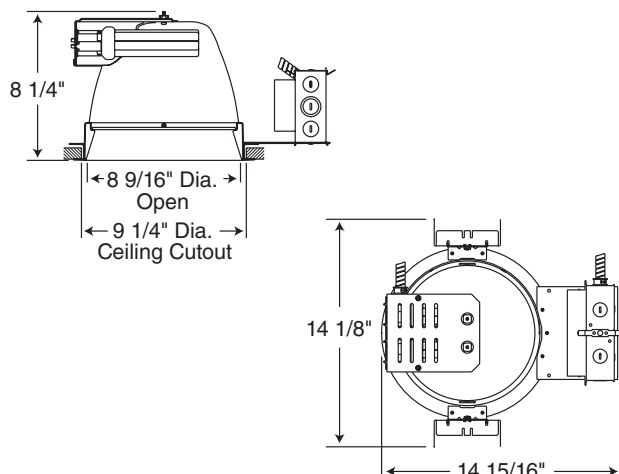
42W/277V = C9H-242T-DL-2

Lensed Trim

Ordering Example: **C952B-T-B-PG-WH**

Series	Color	Finish	Lens Type	Options
 C952LC-T Lower Cone	C -Clear G -Gold WT -Wheat PT -Pewter	Alzak® Finishes: L -Specular S -Satin Blank for Black & White	CG -Clear Glass PG -Prismatic Glass FG -Fresnel Glass CP -Clear Plastic PP -Prismatic Plastic	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage) WET -Wet Location Listing
 C952B-T Lower Baffle	BZ -Bronze B -Black (Baffle Only) W -White			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°.

Example: SCA9-20.



Description

Drop disk design adds a luminous design element to a space while providing shielding for the light source.

Features

- Dropped disk design provides a subtle glow to the ceiling plane
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp location

Rough-In Ordering Example: **C9HD-126/42T-BR**

Catalog No.	Description	Options
C9HD-126/42T	1x26W or 32W or 42W Triple, 4-Pin	347 -347 Volt BR -Emergency Battery Back-up w/Remote Switch HR -High-Lumen Emergency Battery Back-up w/Remote Switch
C9HD-226/42T	2x26W or 32W or 42W Triple, 4-Pin	D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) 2S -Dual Level Switching CP -Chicago Plenum ¹

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.

³Lutron Dimming Ballast is wattage specific.

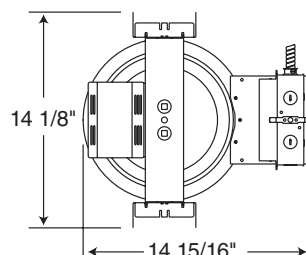
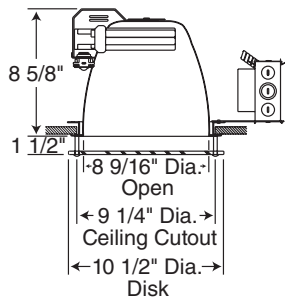
Example: 42W/120V = C9HD-142T-DL-1
42W/277V = C9HD-142T-DL-2

Reflector Ordering Example: **C952-T-CL-FD-WH**



Catalog No.	Description	Options
C952-T-CL-FD	Dropped Disk, Self flanged clear Alzak® reflector 1 or 2 Lamp	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage)
C952-T-WTL-FD	Dropped Disk, Self flanged wheat Alzak® reflector 1 or 2 Lamp	

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter
*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA9-20.	



Description

Low profile is ideal for restricted plenum depth applications.

Features

- Ultra-low profile provides maximum clearance in tight installations
- Cross-blade louver minimizes glare
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp location

Rough-In

Ordering Example: **C9HX-226/42T-BR**

Catalog No.	Description	Options
C9HX-226/42T	2x26W or 32W or 42W Triple, 4-Pin	347 -347 Volt BR -Emergency Battery Back-up w/Remote Switch HR -High-Lumen Emergency Battery Back-up w/Remote Switch D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) 2S -Dual Level Switching CP -Chicago Plenum ¹

¹Consult factory for availability.

²Add a-1 for 120V, a-2 for 277V.


³Lutron Dimming Ballast is wattage specific.

Example: 42W/120V = C9HX-242T-DL-1

42W/277V = C9HX-242T-DL-2

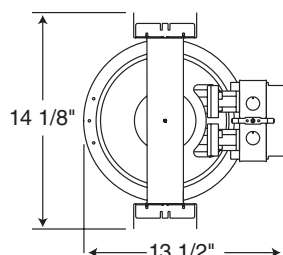
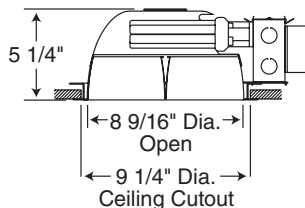
Reflector

Ordering Example: **C952X-CS**

Series	Color	Finish	Options
 C952X Cross-Blade Louver for Downlighting	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze WH -White	Alzak® Finishes: L -Specular S -Satin Blank for White	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage)

²Cross-Blade Louver comes standard with Satin finish. Consult factory for Specular Louver.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°.

Example: SCA9-20.



Description

Ideal for areas where higher intensity wall wash illumination is required.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp location

Rough-In

Ordering Example: **C9AW-226/42T-2S**

Catalog No.	Description	Options
C9AW-226/42T	2x26W or 32W or 42W Triple, 4-Pin	347-347 Volt BR -Emergency Battery Back-up w/Remote Switch HR -High-Lumen Emergency Battery Back-up w/Remote Switch D10 -Dimming Ballast Advance Mark 10™ ² D7 -Dimming Ballast Advance Mark 7™ DL -Dimming Ballast Lutron Compact SE ^{2,3} ***F -Fuse and Fuse Holder (where *** = voltage) 2S -Dual Level Switching CP -Chicago Plenum ¹

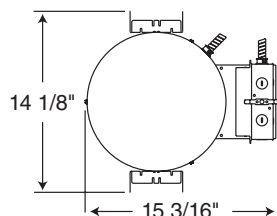
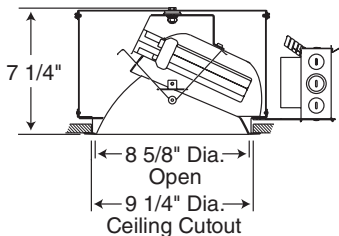
¹Consult factory for availability.
²Add a-1 for 120V, a-2 for 277V.
³Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C9AW-242T-DL-1
42W/277V = C9AW-242T-DL-2

Reflector

Ordering Example: **C9A-CL-WH**

Series	Color	Finish	Options
 C9A Angle Cone Wall Wash	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze W -White	Alzak® Finishes: L -Specular S -Satin Blank for White	WH -White flange MAX## -Labeled for maximum wattage (where ## = wattage)

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair



Description

High lumen output source is ideal for areas with high ceilings. 65° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

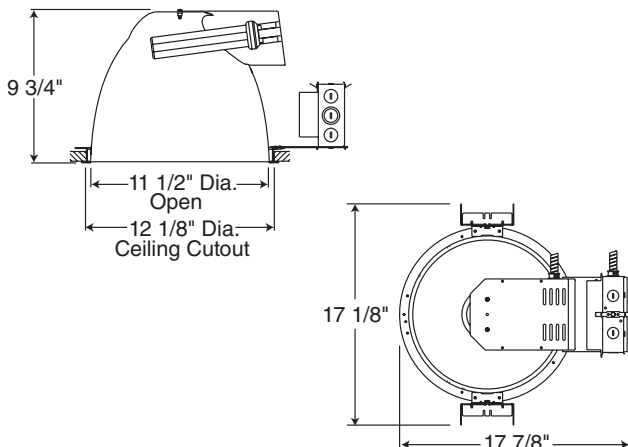
Rough-In Ordering Example: **C12H-257T-120F**

Catalog No.	Description	Options
C12H-257T	2x57W Triple, 4-Pin	***F-Fuse and Fuse Holder (where *** = voltage) D10-Dimming Ballast Advance Mark 10™ (for 57W & 70W only) (-1 for 120V, -2 for 277V)
C12H-170T	1x70W Triple, 4-Pin	BR-Emergency Battery Back-up w/Remote Switch
C12H-185T	1x85W Triple, 4-Pin	BN-Emergency Battery Back-up w/Integral Test Switch HR-High-Lumen Emergency Battery Back-up w/Remote Switch HN-High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) DS-Dual Switching (for 2 x 57W only)

Reflector Ordering Example: **C1252-T-CL-WH**

Series	Color	Finish	Options
C1252-T Open Reflector	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze W-White	Low Iridescent Alzak® Finishes: L-Specular S-Satin Blank for White	WH-White flange BN-Hole for Emergency Test Switch

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

There are many applications where lamp maintenance is difficult, costly or security is a concern. Due to their long life, Metal Halide lamps can help to reduce these concerns, but longer maintenance cycles are still desirable. In addition, one of the disadvantages of Metal Halide lamps is that they do not immediately restrike upon temporary power loss. They can take up to five minutes to cool before restriking.



The Indy Dura-Life System cuts your lamp maintenance in half!

The unique, Indy Dura-Life system offers extra-long relamping cycles. The patented design economically doubles the operating lamp life of an HID downlight without sacrificing light output or efficiency.

These ingenious luminaires utilize two metal halide lamps and selectively ignite the lamp with the fewest operating hours, thus burning one lamp at a time until both lamps reach end-of-life. The result is a luminaire that operates two times longer than a standard single lamp luminaire, therefore cutting lamp replacement and maintenance in half. In addition, restrike time is typically instantaneous for the non-energized lamp.

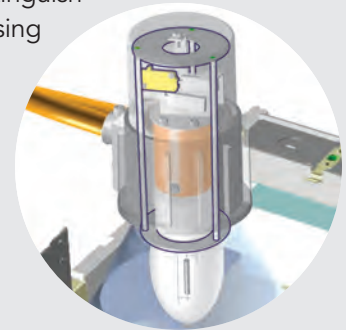
Indy HID Dura-Life System features:

- Patented twin-lamp system operates one lamp at a time, doubling relamping cycles.
- Uses energy efficient, long-life T6, ED17 or BT/ED28 ceramic metal halide lamps.
- Near instantaneous restrike for non-energized lamp.
- Recessed models include 25" Tru-Lock proprietary bar hanger system for grid ceiling installation.
- Cylinder models can be installed as surface, wall mount or pendants with the optional pendant mounting kit.
- UL/C-UL Listed.
- A host of options and accessories enhances both functionality and versatility.



Lamp maintenance can be costly and time consuming. Because electronic ballasts have sensing circuits to detect the end of lamp life, a ballast connected to an inoperative lamp will likely be in a "shut down" mode. When the lamp is replaced, the power to the ballast must be cycled off and back on for the ballast to re-start the lamp. However, when the power is cycled off and back on via a circuit breaker or switch, other fixtures on the same circuit will extinguish and not come back on until the lamps cool. Lamp maintenance can be simplified by using Indy's patent pending Lamp Sensing Switch option. When the lamp is removed, the switch automatically cuts the power between the ballast and the primary. When a new lamp is installed, power is automatically restored to the ballast.

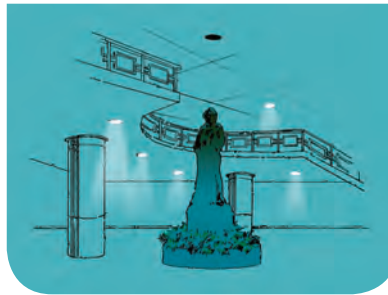
Ordering is easy, simply add the "-SW" suffix to the rough-in catalog number as shown in the ordering matrix



Illustrated below is a typical lamp replacement scenario. The Indy Lamp Sensing Switch eliminates these problems.



Specifier's intended design



Specifier's inevitable fate



Attempt to minimize down time



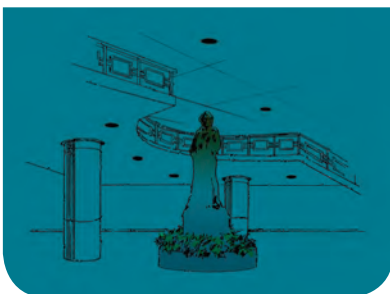
New lamp doesn't work



Results in lost time and money



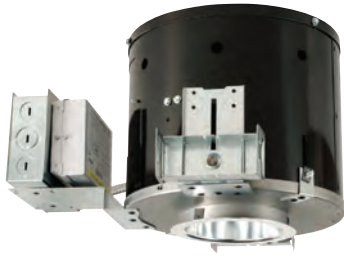
Turn off power to circuit



All lamps on circuit will extinguish...
...room goes dark



Light is finally restored



Description

Vertical CMH downlight features a 4" open aperture and spot, narrow flood, and flood beam distributions.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Small, inconspicuous aperture
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • 1A, 750V, rated for 5KV pulse
 - T4 Mini – Twist and lock GU6.5 base; 2A, 250V rated for 5KV pulse
 - BT5 – Twist and lock PGJ5 base; 2A, 250V rated for 2.5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In


Ordering Example: **M4-T4M-20E**

Catalog No.	Description	Options
M4-T4-20E	20W T4/T4.5 MH lamp, (G8.5 base) 120/277V Electronic Ballast	347 -347 Volt ¹
M4-T4-39E	39W T4/T4.5 MH lamp, (G8.5 base) 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M4-T4-70E	70W T4/T4.5 MH lamp, (G8.5 base) 120/277V Electronic Ballast	(where *** = voltage)
M4-TM-20E	20W T4 Mini MH lamp, (GU6.5 base) 120/277V Electronic Ballast	CP -Chicago Plenum ¹
M4-TM-39E	39W T4 Mini MH lamp (GU6.5 base) 120/277V Electronic Ballast	SW -Lamp Sensing Switch
M4-BT-20E1	20W BT5 MH lamp, (PGJ5 base) 120V Electronic Ballast	for Electronic Ballast

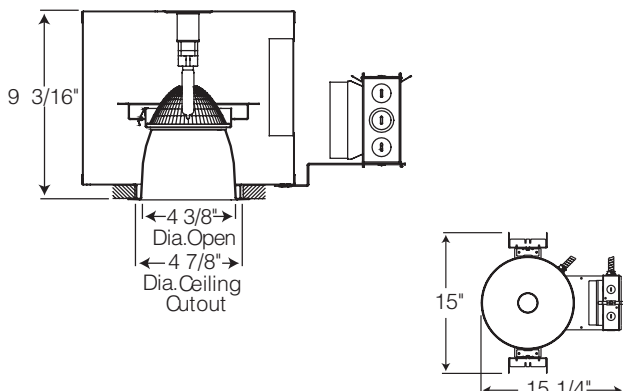
¹Consult factory for availability.

Reflector

Ordering Example: **MT400S-CL**

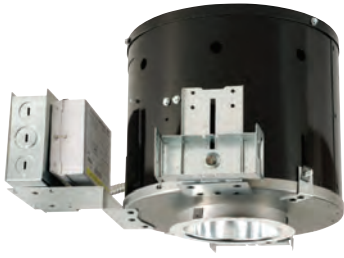
Series	Color	Finish	Options
 MT400S	Open Reflector Spot Beam	C -Clear G -Gold WT -Wheat	Low Iridescent Alzak® Finishes: WH -White flange
MT400N	Open Reflector, Narrow Flood Beam	PT -Pewter BZ -Bronze B -Black	L -Specular S -Satin Blank for White
MT400F	Open Reflector, Flood Beam	W -White	

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter
*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.	



Description

Vertical CMH downlight features a 4" open aperture and spot, narrow flood, and flood beam distributions.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Small, inconspicuous aperture
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M4-T6-70E**

Catalog No.	Description	Options
M4-T6-20E	20W T4.5 MH lamp (G12 base), 120/277V Electronic Ballast	347 -347 Volt ¹
M4-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M4-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	(where *** = voltage)
		CP -Chicago Plenum ¹
		SW -Lamp Sensing Switch for Electronic Ballast

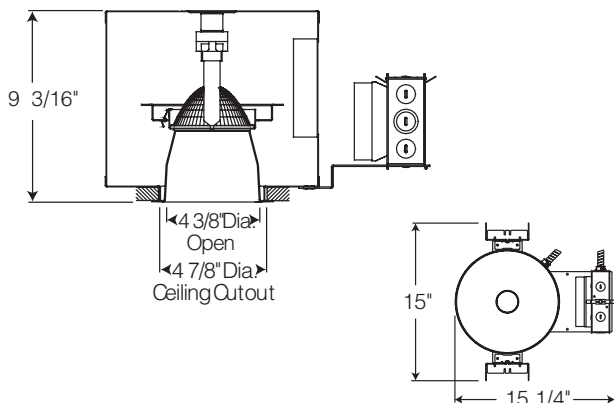
¹Consult factory for availability.

Reflector

Ordering Example: **MT400N-CL**

Series	Color	Finish	Options
MT400S	Open Reflector Spot Beam	C -Clear G -Gold WT -Wheat	Low Iridescent Alzak® Finishes: L -Specular S -Satin Blank for White
MT400N	Open Reflector, Narrow Flood Beam	PT -Pewter BZ -Bronze B -Black	
MT400F	Open Reflector, Flood Beam	W -White	

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°.
	Example: SCA4-20.



Description

CMH PAR downlights offer narrower beam distributions and very low brightness apertures.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Small, inconspicuous aperture
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell in die cast socket housing
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M4-P20-39E-347**

Catalog No.	Description	Options
M4-P20-39E	39W PAR20 MH Lamp, 120/277V Electronic Ballast	347-347 Volt ²
M4-P20-39M¹	39W PAR20 MH Lamp, 120/277V Magnetic Ballast	***F -Fuse and Fuse Holder (where *** = voltage)
		CP -Chicago Plenum ²
		FCAN -FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
		SW -Lamp Sensing Switch for Electronic Ballast

¹Core and Coil Style; FCAN optional.

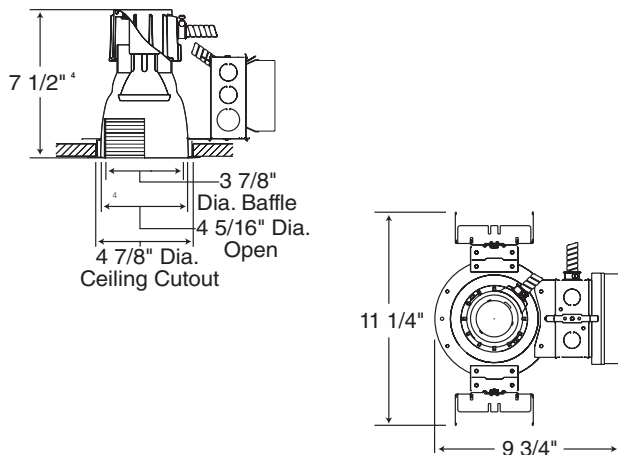
²Consult factory for availability.

Reflector

Ordering Example: **MP400-P20-WH**

Series	Color	Finish	Options
MP400-P20 Open Reflector	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Low Iridescent Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	WH -White flange
P400B-P20 Baffle			

Dimensions³



³Dimensions represent 39W electronic ballast. For magnetic, refer to www.junolightinggroup.com.

⁴Lamp Sensing Switch adds 2-3/8" to overall height.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.



Description

Vertical CMH downlight features a 6" open aperture and spot, narrow flood, and flood beam distributions.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • 1A, 750V, rated for 5KV pulse
 - T4 Mini – Twist and lock GU6.5 base; 2A, 250V rated for 5KV pulse
 - BT5 – Twist and lock PGJ5 base; 2A, 250V rated for 2.5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M6-T4M-20E**

Catalog No.	Description	Options
M6-T4-20E	20W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	347 -347 Volt ¹
M6-T4-39E	39W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M6-T4-70E	70W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	(where *** = voltage)
M6-TM-20E	20W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	CP -Chicago Plenum ¹
M6-TM-39E	39W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	SW -Lamp Sensing Switch
M6-BT-20E1	20W BT5 MH lamp (PGJ5 base), 120V Electronic Ballast	for Electronic Ballast

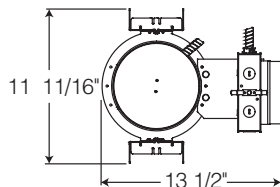
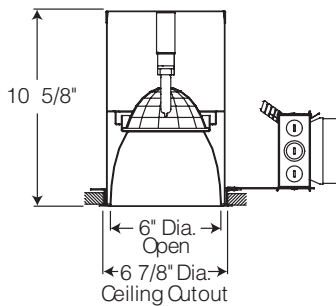
¹Consult factory for availability.

Reflector

Ordering Example: **MT600N-CL**

Series		Color	Finish	Options	
	MT600S	Open Reflector, Spot Beam	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Low Iridescent Alzak® Finishes: L -Specular S -Satin Blank for White	WH -White flange
	MT600N	Open Reflector, Narrow Flood Beam			
	MT600F	Open Reflector, Flood Beam			
	MT600W	Open Reflector, Wide Flood			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter
*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.	



Description

Vertical CMH downlight features a 6" open aperture and spot, narrow flood, and flood beam distributions.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M6-T6-39E**

Catalog No.	Description	Options
M6-T6-20E	20W T4.5 MH lamp (G12 base), 120/277V Electronic Ballast	347-347 Volt ¹
M6-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M6-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	(where *** = voltage)
M6-T6-150E1 Ⓔ	150W T6 MH lamp (G12 base), 120V Electronic Ballast	CP -Chicago Plenum ¹
M6-T6-150E2 Ⓔ	150W T6 MH lamp (G12 base), 277V Electronic Ballast	SW -Lamp Sensing Switch for Electronic Ballast

¹Consult factory for availability.

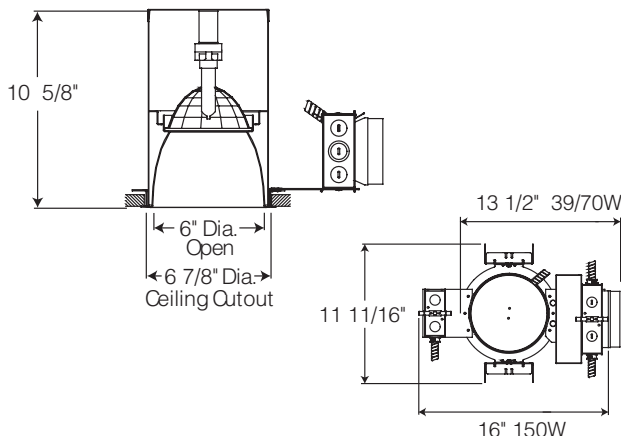
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Reflector

Ordering Example: **MT600F-CL**

	Series		Color	Finish	Options
	MT600S	Open Reflector, Spot Beam	C-Clear G-Gold WT-Wheat	Low Iridescent Alzak® Finishes: L-Specular S-Satin Blank for White	WH-White flange
	MT600N	Open Reflector, Narrow Flood Beam	PT-Pewter BZ-Bronze B-Black		
	MT600F	Open Reflector, Flood Beam	W-White		
	MT600W	Open Reflector, Wide Flood			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter
*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.	



Description

CMH PAR downlights offer narrower beam distributions and very low brightness apertures.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell in die cast socket housing
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M6-P30-39E-120F**

Catalog No.	Description	Options
M6-P30-39E	39W PAR30L MH Lamp, 120/277V Electronic Ballast	347-347 Volt²
M6-EDS-70E	70W PAR30L or PAR38 MH Lamp, 120/277V Electronic Ballast	***F-Fuse and Fuse Holder (where *** = voltage)
M6-EDS-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	CP-Chicago Plenum²
M6-P30-39M¹	39W PAR30L MH Lamp, 120/277V Magnetic Ballast	FCAN-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
M6-EDS-70M¹	70W PAR30L or PAR38 MH Lamp, 120/277V Magnetic Ballast	SW-Lamp Sensing Switch for Electronic Ballast
M6-EDS-100M¹	100W PAR38 MH Lamp, 120/277 Magnetic Ballast	

¹Core and Coil Style; FCAN optional.

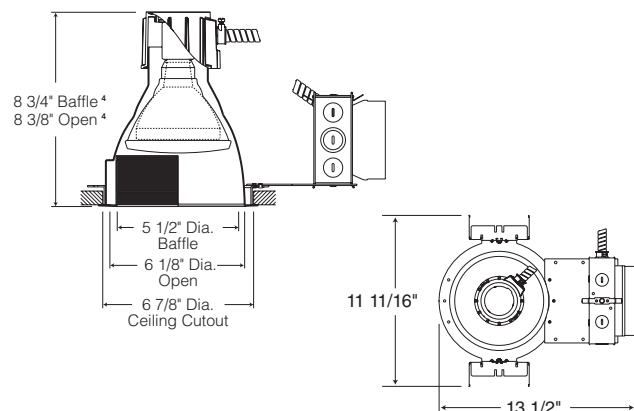
²Consult factory for availability.

Reflector

Ordering Example: **MP600-P38-CL**

	Series	Color	Finish	Options
	MP600-P38 Open Reflector for PAR30L, PAR38	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® Finishes: L-Specular S-Satin Blank Baffle & White	WH-White flange
	P600B-P38 Baffle for PAR30L, PAR38			

Dimensions³



³Dimensions represent electronic ballast. For magnetic,

refer to www.junolightinggroup.com.

⁴Lamp Sensing Switch adds 2-3/8" to overall height.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



Description

Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell in die cast socket housing
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL listed for feed through and damp locations, wet location optional

Rough-In

Ordering Example: **M6-EDS-70E-120F**



Catalog No.	Description	Options
M6-EDS-50E	50W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast	347-347 Volt ²
M6-EDS-70E	70W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast	***F -Fuse and Fuse Holder (where *** = voltage)
M6-EDS-100E	100W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast	CP -Chicago Plenum ²
M6-EDS-50M ¹	50W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	FCAN -FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
M6-EDS-70M ¹	70W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	SW -Lamp Sensing Switch for Electronic Ballast
M6-EDS-100M ¹	100W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	

¹Core and Coil Style; FCAN optional.

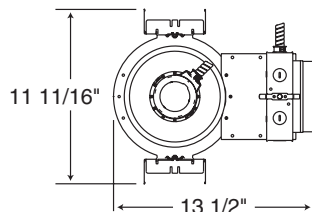
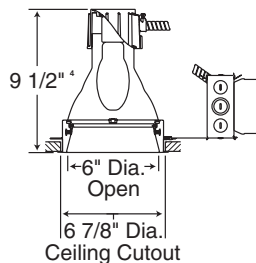
²Consult factory for availability.

Lensed Trim

Ordering Example: **M600LC-W-FG-WH**

Series	Color	Finish	Lens Type	Options
 M600LC Lower Cone	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze	Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	CG -Clear Glass PG -Prismatic Glass FG -Fresnel Glass	WH -White flange WET -Wet Location Listing
 M600B Lower Baffle	B -Black W -White			

Dimensions³



³Dimensions represent electronic ballast. For magnetic, refer to www.junolightinggroup.com.

⁴Lamp Sensing Switch adds 2-3/8" to overall height.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°.

Example: SCA6-20.



Description

Patented 2-lamp operation provides longer time between lamp changes and faster restrike time. Operates one lamp at a time.

Features

- 2-lamp Dura-Life design reduces lamp changes and decreases restrike time, operating one lamp at a time
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Heavy gauge die formed aluminum housing
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M8HD-T6-150E1**


Catalog No.	Description	Options
M8HD-T6-39E	2x39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	347 -347 Volt ¹
M8HD-T6-70E	2x70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M8HD-T6-150E1 Ⓔ	2x150W T6 MH lamp (G12 base), 120V Electronic Ballast	(where *** = voltage)
M8HD-T6-150E2 Ⓔ	2x150W T6 MH lamp (G12 base), 277V Electronic Ballast	CP -Chicago Plenum ¹

¹Consult factory for availability.

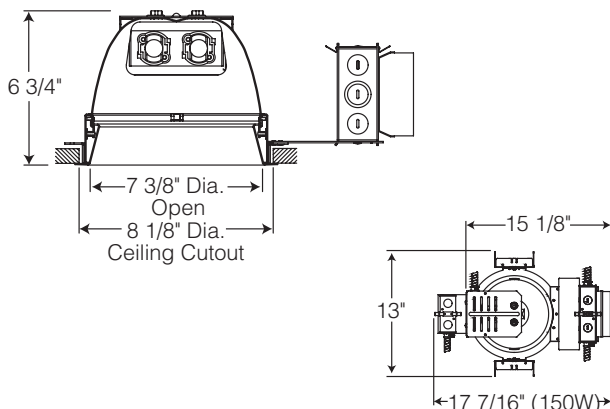
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Reflector

Ordering Example: **MT852LC-CL-PG**

Series	Color	Finish	Lens Type	Options
 MT852LC Lower Cone	C -Clear G -Gold WT -Wheat	Low Iridescent Alzak® Finishes: L -Specular	CG -Clear Glass PG -Prismatic Glass FG -Fresnel Glass	WH -White flange WET -Wet Location Listing
 MT852B Lower Baffle	PT -Pewter BZ -Bronze B -Black W -White	S -Satin Blank for Baffle & White		

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter
*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.	



Description

Vertical CMH downlight features 8" open aperture and spot, narrow flood, and flood beam distributions.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M8-T6-150E1**

Catalog No.	Description	Options
M8-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	347 -347 Volt ¹
M8-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M8-T6-150E1 Ⓢ	150W T6 MH lamp (G12 base), 120V Electronic Ballast	(where *** = voltage)
M8-T6-150E2 Ⓢ	150W T6 MH lamp (G12 base), 277V Electronic Ballast	CP -Chicago Plenum ¹
		SW -Lamp Sensing Switch for Electronic Ballast

¹Consult factory for availability.

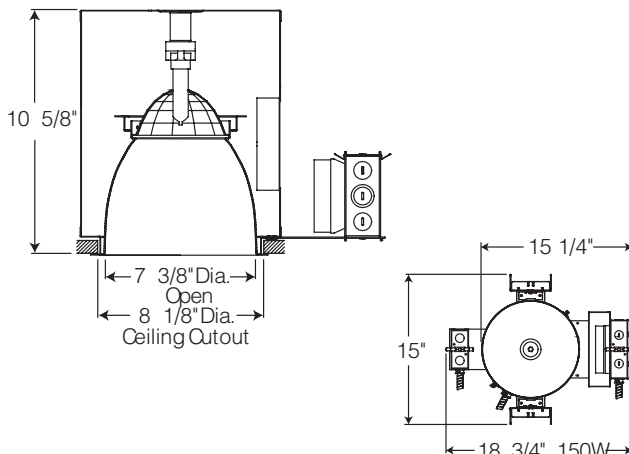
Ⓢ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Reflector

Ordering Example: **MT800F-CL**

Series	Color	Finish	Options
 MT800S Open Reflector, Spot Beam	C -Clear G -Gold WT -Wheat	Low Iridescent Alzak® Finishes: L -Specular S -Satin Blank for White	WH -White flange
MT800N Open Reflector, Narrow Flood Beam	B -Black BZ -Bronze		
MT800F Open Reflector, Flood Beam	B -Black W -White		
MT800W Open Reflector, Wide Flood			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

CMH PAR downlights offer narrower beam distributions and very low brightness apertures.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell in die cast socket housing
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M8-P30-39E-120F**

Catalog No.	Description	Options
M8-P30-39E	39W PAR30L MH Lamp, 120/277V Electronic Ballast	347 -347 Volt ²
M8-EDS-70E	70W PAR30L or PAR38 MH Lamp, 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M8-EDS-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	(where *** = voltage)
M8-EDS-150E120 [ⓔ]	150W PAR38 MH Lamp, 120V Electronic Ballast	CP -Chicago Plenum ²
M8-EDS-150E277 [ⓔ]	150W PAR38 MH Lamp, 277V Electronic Ballast	FCAN -FCAN Ballast in lieu of
M8-P30-39M ¹	39W PAR30L MH Lamp, 120/277V Magnetic Ballast	core and coil (Includes
M8-EDS-70M ¹	70W PAR30L or PAR38 MH Lamp, 120/277V Magnetic Ballast	HB-TL bar hangers)
M8-EDS-100M ¹	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	SW -Lamp Sensing Switch
M8-EDS-150M ^{1,†}	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	for Electronic Ballasts

¹Core and Coil Style; FCAN optional.

²Consult factory for availability.

[ⓔ] Indicates that the product meets DOE energy efficient standards - EISA compliant.

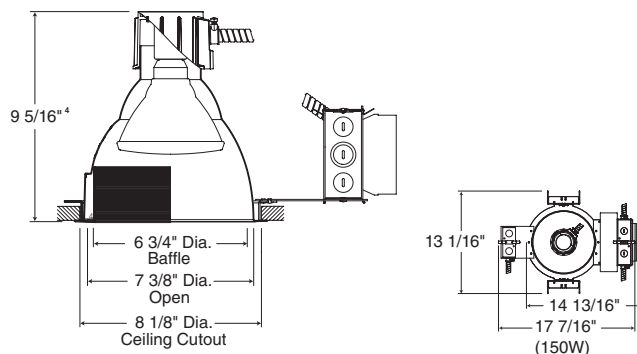
[†]Not for use in the United States.

Reflector

Ordering Example: **MP800-P38-CL-WH**

	Series	Color	Finish	Options
	MP800-P38 Open Reflector for PAR30L, PAR38	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Low Iridescent Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	WH -White flange
	P800B-P38 Baffle for PAR30L, PAR38			

Dimensions³



³Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

⁴Lamp Sensing Switch adds 2-3/8" to overall height.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

Deeply regressed PAR downlights ensure an inconspicuous appearance with very low brightness apertures.

Features

- Deeply regressed lamp provides inconspicuous aperture
- Cone has self-flanged trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **MD8-P30-39E-120F**

Catalog No.	Description	Options
MD8-P30-39E	39W PAR30L MH Lamp, 120/277V Electronic Ballast	347-347 Volt ²
MD8-P30/38-70E	70W PAR30L or PAR38 MH Lamp, 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
MD8-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	(where *** = voltage)
MD8-P38-150E120 [Ⓔ]	150W PAR38 MH Lamp, 120V Electronic Ballast	CP -Chicago Plenum ²
MD8-P38-150E277 [Ⓔ]	150W PAR38 MH Lamp, 277V Electronic Ballast	FCAN -FCAN Ballast in lieu of
MD8-P30-39M ¹	39W PAR30L MH Lamp, 120/277V Magnetic Ballast	core and coil (Includes
MD8-P30/38-70M ¹	70W PAR30L or PAR38 MH Lamp, 120/277V Magnetic Ballast	HB-TL bar hangers)
MD8-P38-100M ¹	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	
MD8-P38-150M ^{1,†}	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

¹Core and Coil Style; FCAN optional.

²Consult factory for availability.

[Ⓔ] Indicates that the product meets DOE energy efficient standards - EISA compliant.

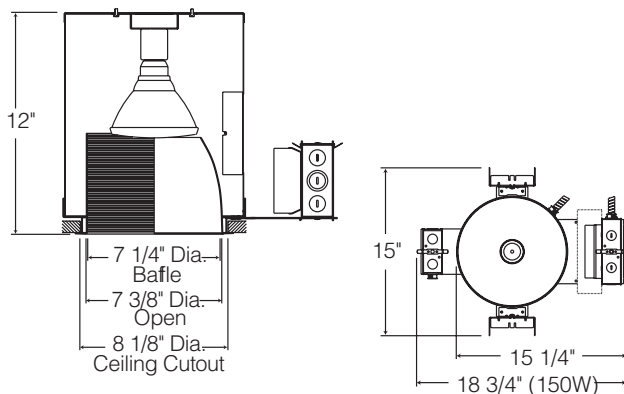
[†]Not for use in the United States.

Reflector

Ordering Example: **MD800-P38-CL-WH**

Series	Color	Finish	Options
 MD800-P38 Open Deep Cone for PAR30L, PAR38	C -Clear G -Gold WT -Wheat	Alzak® Finishes: L -Specular S -Satin	WH -White flange
 MD800B-P38 Deep Baffle for PAR30L, PAR38	PT -Pewter BZ -Bronze B -Black	Blank for White Blank for Baffle	

Dimensions³



³Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter
*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.	



Description

Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell in die cast socket housing
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In

Ordering Example: **M8-EDS-70E-120F**

Catalog No.	Description	Options
M8-EDS-50E	50W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast	347-347 Volt ²
M8-EDS-70E	70W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast	***F -Fuse and Fuse Holder (where *** = voltage)
M8-EDS-100E	100W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast	CP -Chicago Plenum ²
M8-EDS-150E120 ③	150W ED17 Coated Non-protected MH Lamp, 120V Electronic Ballast	Q -Quartz restrike with hot start auxiliary control (must specify Q option for reflector also)
M8-EDS-150E277 ③	150W ED17 Coated Non-protected MH Lamp, 277V Electronic Ballast	QS -Quartz socket only with leads (must specify Q for reflector also)
M8-EDS-50M ¹	50W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	FCAN -FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
M8-EDS-70M ¹	70W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	SW -Lamp Sensing Switch for Electronic Ballast
M8-EDS-100M ¹	100W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	
M8-EDS-150M ^{1,†}	150W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	

¹Core and Coil Style; FCAN optional.

²Consult factory for availability.

③ Indicates that the product meets DOE energy efficient standards - EISA compliant.

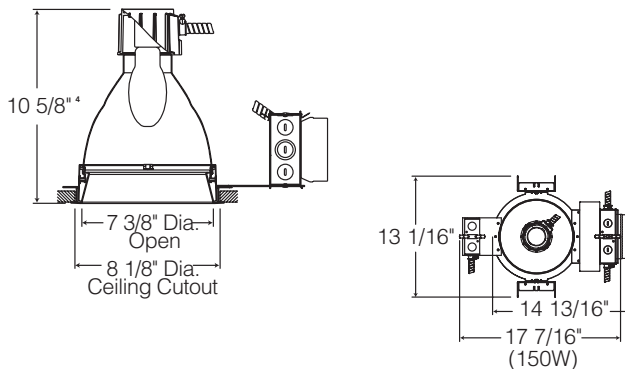
[†]Not for use in the United States.

Lensed Trim

Ordering Example: **M800B-W-FG-WH**

Series	Color	Finish	Lens Type	Options
M800LC Lower Cone	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Alzak® Finishes: L-Specular S-Satin Blank for Baffle & White	CG -Clear Glass PG -Prismatic Glass FG -Fresnel Glass	WH -White flange Q -Hole for quartz restrike WET -Wet Location Listing
M800B Lower Baffle				

Dimensions³



³Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

⁴Lamp Sensing Switch adds 2-3/8" to overall height.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

High lumen output source is ideal for areas with high ceilings.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base (for 150W and below) or Mogul base (for 175W and above) heavy duty 4kV porcelain socket with nickel-plated brass screw shell in die cast socket housing
- High power factor ballast
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In

Ordering Example: **M10-EDS-100E-120F**

Catalog No.	Description	Options
M10-EDS-100E	100W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast	347 -347 Volt ³
M10-EDS-150E120 Ⓔ	150W ED17 Coated Non-protected MH Lamp, 120V Electronic Ballast	***F -Fuse and Fuse Holder
M10-EDS-150E277 Ⓔ	150W ED17 Coated Non-protected MH Lamp, 277V Electronic Ballast	(where *** = voltage)
M10-EDS-100M²	100W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	CP -Chicago Plenum ³
M10-EDS-150M²⁺	150W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	Q -Quartz restrike with hot start
M10-EDS-175M-120¹ Ⓔ	175W BT/ED28 Coated Non-protected MH Lamp, 120V Magnetic Ballast	auxiliary control (must specify Q
M10-EDS-175M-277¹ Ⓔ	175W BT/ED28 Coated Non-protected MH Lamp, 277V Magnetic Ballast	option for reflector also)
M10-EDS-250M-120¹ Ⓔ	250W BT/ED28 Coated Non-protected MH Lamp, 120V Magnetic Ballast	QS -Quartz socket only with leads
M10-EDS-250M-277¹ Ⓔ	250W BT/ED28 Coated Non-protected MH Lamp, 277V Magnetic Ballast	(must specify Q for reflector also)
		SW -Lamp Sensing Switch
		for Electronic Ballast

¹Core and Coil style.

²Frame mounted, includes bar hangers.

³Consult factory for availability.

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

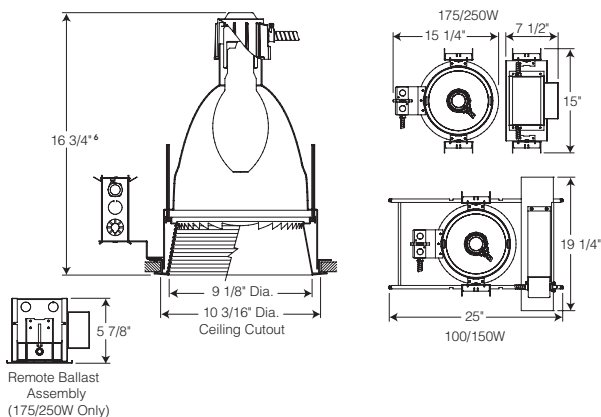
¹Not for use in the United States.

Lensed Trim

Ordering Example: **M1001B-W-FG-WET**

Series	Color	Finish	Lens Type	Options
M1001LC	Lower Cone (100-150W)	C -Clear	CG -Clear Glass	WH -White flange
M1002LC	Lower Cone (175-250W)	G -Gold	PG -Prismatic Glass	Q -Hole for quartz
		WT -Wheat	FG -Fresnel Glass	restrike
		PT -Pewter		WET -Wet Location
		BZ -Bronze		Listing
M1001B	Lower Baffle (100-150W)	B -Black		
M1002B	Lower Baffle (175-250W)	W -White		

Dimensions⁴



⁴Dimensions represent magnetic ballast units. For others, refer to www.junolightinggroup.com.

⁵Bar hangers for electronic only. For magnetic ballast units, refer to www.junolightinggroup.com.

⁶Lamp Sensing Switch adds 2-3/8" to overall height.

Accessories

Catalog No.	Description
HB-TL⁵	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52⁵	52" C-Channel Bar Hangers, Pair
HB-28⁵	28" C-Channel Bar Hangers, Pair
LB-27⁵	27" Linear Bar Hangers, Pair
SCA10-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°.

Example: SCA10-20.



Description

Provides uniform illumination of vertical surface without scallops.

Features

- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • 1A, 750V, rated for 5KV pulse
 - T4 Mini – Twist and lock GU6.5 base; 2A, 250V rated for 5KV pulse
 - BT5 – Twist and lock PGJ5 base; 2A, 250V rated for 2.5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In


Ordering Example: **M6AW-BT-20E1**

Catalog No.	Description	Options
M6AW-T4-20E	20W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	347-347 Volt ¹
M6AW-T4-39E	39W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M6AW-T4-70E	70W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	(where *** = voltage)
M6AW-TM-20E	20W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	CP -Chicago Plenum ¹
M6AW-TM-39E	39W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	
M6AW-BT-20E1	20W BT5 MH lamp (PGJ5 base), 120V/277V Electronic Ballast	

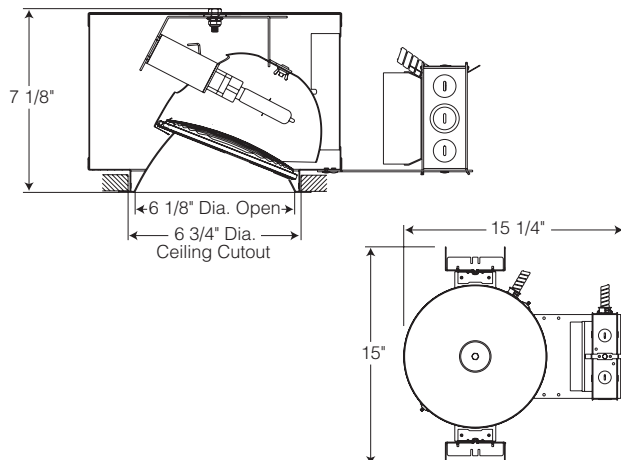
¹Consult factory for availability.

Reflector

Ordering Example: **MT6WL-CL**

Series	Color	Finish	Options
 MT6WL	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Low Iridescent Alzak® Finishes: L -Specular S -Satin Blank for White	WH -White flange
	Spread Lens Wall Wash w/Lower Cone		

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair



Description

Provides uniform illumination of vertical surface without scallops.

Features

- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M6AW-T6-70E**

Catalog No.	Description	Options
M6AW-T6-20E	20W T4.5 MH lamp (G12 base), 120/277V Electronic Ballast	347 -347 Volt ¹
M6AW-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M6AW-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	(where *** = voltage)
M6AW-T6-150E1 ⓔ	150W T6 MH lamp (G12 base), 120V Electronic Ballast	CP -Chicago Plenum ¹
M6AW-T6-150E2 ⓔ	150W T6 MH lamp (G12 base), 277V Electronic Ballast	

¹Consult factory for availability.

ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

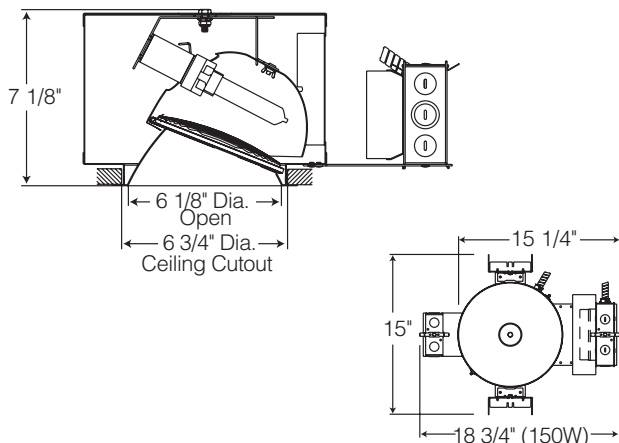
Reflector

Ordering Example: **MT6WL-CL**



Series	Color	Finish	Options
MT6WL	Spread Lens Wall Wash w/Lower Cone	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Low Iridescent Alzak® Finishes: L -Specular S -Satin Blank White
			WH -White flange

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair



Description

Provides uniform illumination of vertical surface without scallops.

Features

- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M6AW-P38-70E-120F**

Catalog No.	Description	Options
M6AW-P38-70E	70W PAR38 MH Lamp, 120/277V Electronic Ballast	347-347 Volt ²
M6AW-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M6AW-P38-150E120 ^(E)	150W PAR38 MH Lamp, 120V Electronic Ballast	(where *** = voltage)
M6AW-P38-150E277 ^(E)	150W PAR38 MH Lamp, 277V Electronic Ballast	CP -Chicago Plenum ²
M6AW-P38-70M ¹	70W PAR38 MH Lamp, 120/277V Magnetic Ballast	FCAN -FCAN Ballast in lieu of core and coil
M6AW-P38-100M ¹	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	(Includes HB-TL bar hangers)
M6AW-P38-150M ^{1,†}	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

¹Core and Coil Style; FCAN optional. Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

²Consult factory for availability.

^(E) Indicates that the product meets DOE energy efficient standards - EISA compliant.

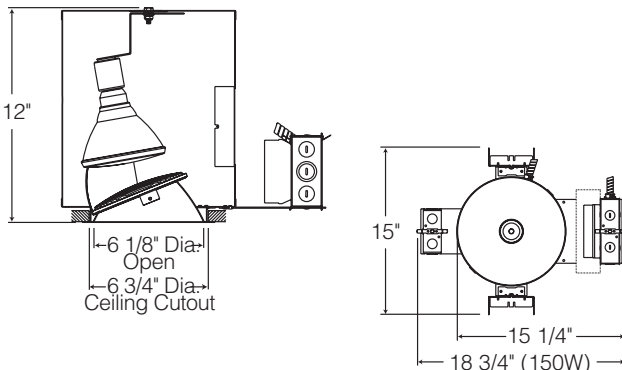
[†]Not for use in the United States.

Lensed Trim

Ordering Example: **P6WL-P38-W**

Series	Color	Finish	Options
 P6WL-P38	Spread Lens Wall Wash w/Lower Cone	C -Clear G -Gold WT -Wheat PT -Pewter B -Black BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for White WH -White flange

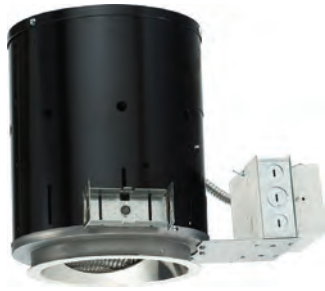
Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

³Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.



Description

Provides uniform illumination of vertical surface without scallops.

Features

- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M8AW-T6-39E**

Catalog No.	Description	Options
M8AW-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	347 -347 Volt ¹
M8AW-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M8AW-T6-150E1 ⑤	150W T6 MH lamp (G12 base), 120V Electronic Ballast	(where *** = voltage)
M8AW-T6-150E2 ⑤	150W T6 MH lamp (G12 base), 277V Electronic Ballast	CP -Chicago Plenum ¹

¹Consult factory for availability.

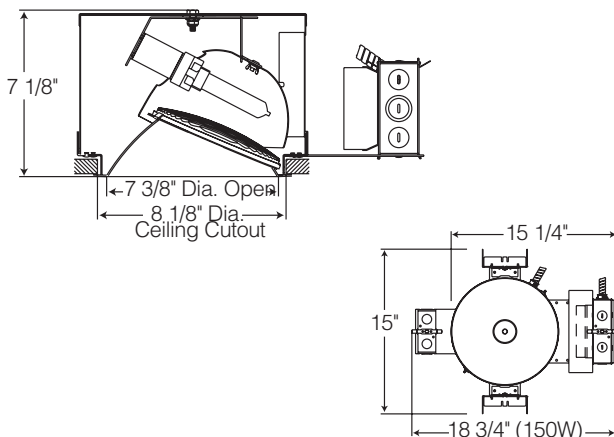
⑤ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Reflector

Ordering Example: **MT8WL-CL**

Series	Color	Finish	Options
 MT8WL	Spread Lens Wall Wash w/Lower Cone	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Low Iridescent Alzak® Finishes: L -Specular S -Satin Blank for White
			WH -White flange

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair



Description

Provides uniform illumination of vertical surface without scallops.

Features

- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M8AW-P38-70E-120F**

Catalog No.	Description	Options
M8AW-P38-70E	70W PAR38 MH Lamp, 120/277V Electronic Ballast	347 -347 Volt
M8AW-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M8AW-P38-150E120 ⑤	150W PAR38 MH Lamp, 120V Electronic Ballast	(where *** = voltage)
M8AW-P38-150E277 ⑤	150W PAR38 MH Lamp, 277V Electronic Ballast	CP -Chicago Plenum ²
M8AW-P38-70M ¹	70W PAR38 MH Lamp, 120/277V Magnetic Ballast	FCAN -FCAN Ballast in lieu of core and coil
M8AW-P38-100M ¹	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	(Includes HB-TL bar hangers)
M8AW-P38-150M ^{1,†}	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

¹Core and Coil Style; FCAN optional. Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

²Consult factory for availability.

⑤ Indicates that the product meets DOE energy efficient standards - EISA compliant.

[†]Not for use in the United States.

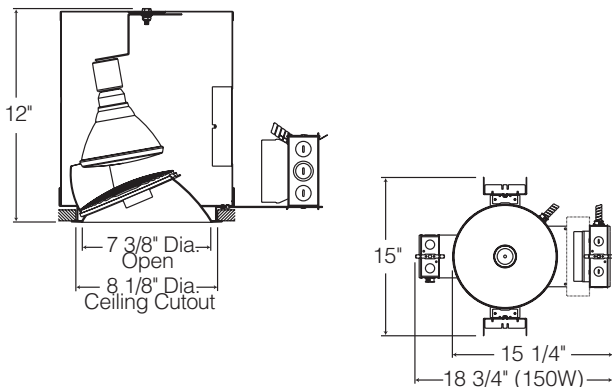
Lensed Trim

Ordering Example: **P8WL-P38-CL-WH**



Series	Color	Finish	Options
P8WL-P38 Spread Lens Wall Wash w/Lower Cone	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for White	WH -White flange

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

³Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.



Description

CMH adjustables with angle cones provide low glare accent and task lighting.

Features

- Up to 35° tilt and 360° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • 1A, 750V, rated for 5KV pulse
 - T4 Mini – Twist and lock GU6.5 base; 2A, 250V rated for 5KV pulse
 - BT5 – Twist and lock PGJ5 base; 2A, 250V rated for 2.5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M4A-BT-20E1**

Catalog No.	Description	Options
M4A-T4-20E	20W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	347 -347 Volt ¹
M4A-T4-39E	39W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M4A-T4-70E	70W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	(where *** = voltage)
M4A-TM-20E	20W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	CP -Chicago Plenum ¹
M4A-TM-39E	39W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	SW -Lamp Sensing Switch
M4A-BT-20E1	20W BT5 MH lamp (PGJ5 base), 120V Electronic Ballast	for Electronic Ballast

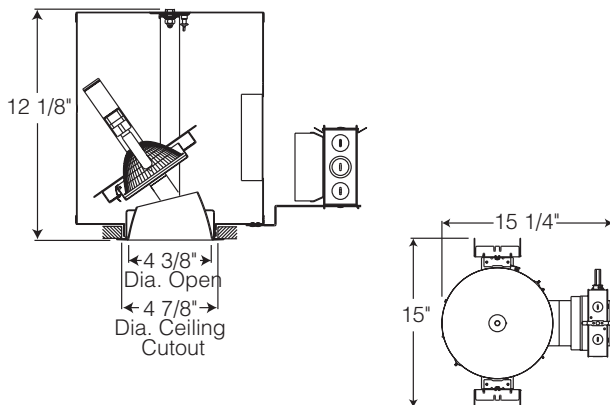
¹Consult factory for availability.

Reflector

Ordering Example: **MT400AN-CL**

Series	Color	Finish	Options
 MT400AS	Angle Cut Cone, Spot Beam	C -Clear G -Gold WT -Wheat	WH -White flange
MT400AN	Angle Cut Cone, Narrow Flood Beam	PT -Pewter BZ -Bronze B -Black	L -Specular S -Satin Blank for White
MT400AF	Angle Cut Cone, Flood Beam	W -White	

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair



Description

CMH adjustables with angle cones provide low glare accent and task lighting.

Features

- Up to 35° tilt and 360° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In


Ordering Example: **M4A-T6-39E**

Catalog No.	Description	Options
M4A-T6-20E	20W T4.5/T6 MH lamp (G12 base), 120/277V Electronic Ballast	347-347 Volt ¹
M4A-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F -Fuse and Fuse Holder (where *** = voltage)
M4A-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	CP -Chicago Plenum ¹ SW -Lamp Sensing Switch for Electronic Ballast

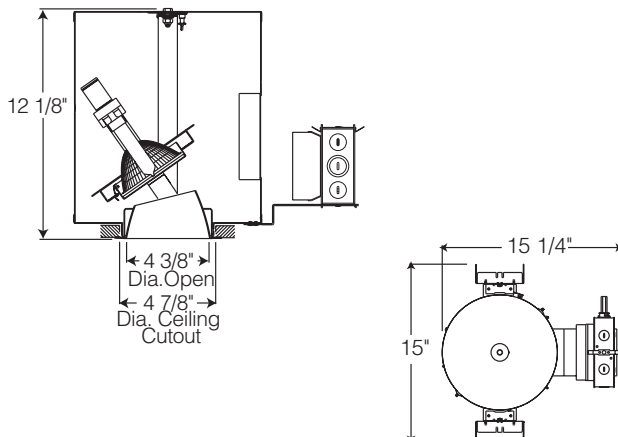
¹Consult factory for availability.

Reflector

Ordering Example: **MT400AN-CL**

Series	Color	Finish	Options
 MT400AS	Angle Cut Cone, Spot Beam	C -Clear G -Gold WT -Wheat	WH -White flange
MT400AN	Angle Cut Cone, Narrow Flood Beam	PT -Pewter BZ -Bronze B -Black	L -Specular S -Satin Blank for White
MT400AF	Angle Cut Cone, Flood Beam	W -White	

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair



Description

CMH PAR adjustables with angle cones provide low glare accent and task lighting.

Features

- Up to 40° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations





Rough-In Ordering Example: **M4A-P20-39E-120F**

Catalog No.	Description	Options
M4A-P20-39E	39W PAR20 MH Lamp, 120/277V Electronic Ballast	347-347 Volt
M4A-P20-39M¹	39W PAR20 MH Lamp, 120/277V Magnetic Ballast	***F -Fuse and Fuse Holder (where *** = voltage)
		CP -Chicago Plenum ²
		FCAN -FCAN Ballast in lieu of core and coil
		(Includes HB-TL bar hangers)

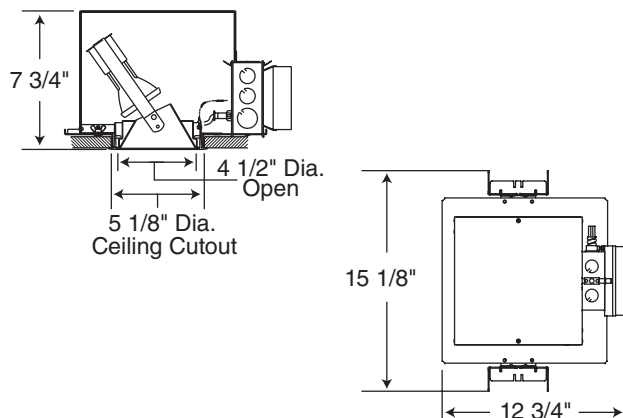
¹Core and Coil Style; FCAN optional. Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

²Consult factory for availability.

Reflector Ordering Example: **MP400A-P20-CL-WH**

Series	Color	Finish	Options
 MP400A-P20	Angle Cut Cone for PAR20	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White Blank for Baffle, Pinhole, Slot	Alzak® Finishes: L -Specular S -Satin Blank for Baffle, Pinhole, Slot Blank for White
 MP400AB-P20-B	Angle Cut Baffle for PAR20, Black		
 MP400SLT-P20-W	Slotted Aperture for PAR20, White		
 MP400PIN-P20-W	Pinhole Aperture for PAR20, White		

Dimensions³



³Dimensions represent 39W electronic ballast. For magnetic, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair



Description

CMH adjustables with angle cones provide low glare accent and task lighting.

Features

- Up to 35° tilt and 360° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • 1A, 750V, rated for 5KV pulse
 - T4 Mini – Twist and lock GU6.5 base; 2A, 250V rated for 5KV pulse
 - BT5 – Twist and lock PGJ5 base; 2A, 250V rated for 2.5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M6A-BT-20E1**

Catalog No.	Description	Options
M6A-T4-20E	20W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	347 -347 Volt ¹
M6A-T4-39E	39W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M6A-T4-70E	70W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	(where *** = voltage)
M6A-TM-20E	20W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	CP -Chicago Plenum ¹
M6A-TM-39E	39W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	SW -Lamp Sensing Switch for Electronic Ballast
M6A-BT-20E1	20W BT5 MH lamp (PGJ5 base), 120V Electronic Ballast	

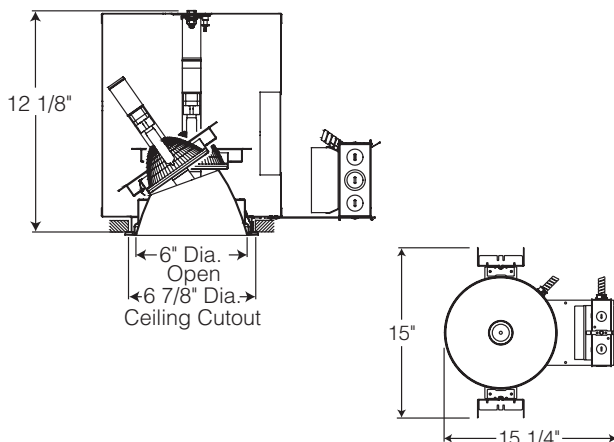
¹Consult factory for availability.

Reflector

Ordering Example: **MT600AN-CL**

Series	Color	Finish	Options
 MT600AS	Angle Cut Cone, Spot Beam	C -Clear G -Gold WT -Wheat	WH -White flange
MT600AN	Angle Cut Cone, Narrow Flood Beam	PT -Pewter BZ -Bronze B -Black	Low Iridescent Alzak® Finishes: L-Specular S-Satin Blank for White
MT600AF	Angle Cut Cone, Flood Beam	W -White	

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair



Description

CMH adjustables with angle cones provide low glare accent and task lighting.

Features

- Up to 35° tilt and 360° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M6A-T6-150E1**

Catalog No.	Description	Options
M6A-T6-20E	20W T4.5 MH lamp (G12 base), 120/277V Electronic Ballast	347-347 Volt ¹
M6A-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M6A-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	(where *** = voltage)
M6A-T6-150E1 Ⓢ	150W T6 MH lamp (G12 base), 120V Electronic Ballast	CP -Chicago Plenum ¹
M6A-T6-150E2 Ⓢ	150W T6 MH lamp (G12 base), 277V Electronic Ballast	SW -Lamp Sensing Switch for Electronic Ballast

¹Consult factory for availability.

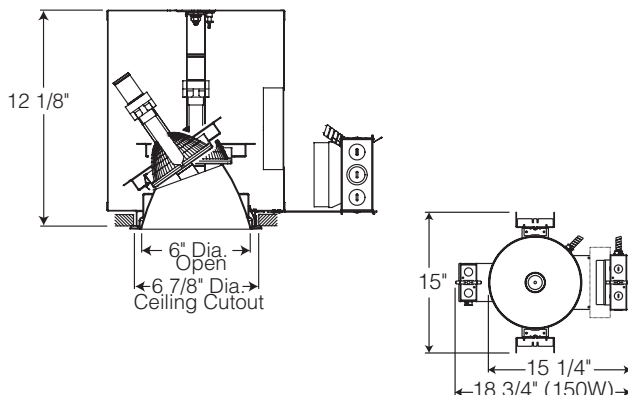
Ⓢ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Reflector

Ordering Example: **MT600AN-CL**

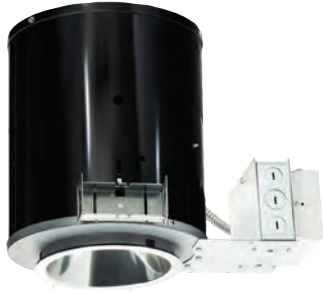
Series	Color	Finish	Options
 MT600AS	Angle Cut Cone, Spot Beam	C -Clear G -Gold	Low Iridescent Alzak® Finishes:
MT600AN	Angle Cut Cone, Narrow Flood Beam	WT -Wheat PT -Pewter	L -Specular S -Satin
MT600AF	Angle Cut Cone, Flood Beam	BZ -Bronze B -Black W -White	Blank for White
MT600AS-150	Angle Cut Cone, Spot Beam for 150W T6 MH lamp		
MT600AN-150	Angle Cut Cone, Narrow Flood Beam for 150W T6 MH lamp		
MT600AF-150	Angle Cut Cone, Flood Beam for 150W T6 MH lamp		

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair



Description

CMH PAR adjustables with angle cones provide low glare accent and task lighting.

Features

- Low iridescent
- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M6A-P30-39E-120F**

Catalog No.	Description	Options
M6A-P30-39E	39W PAR30L MH Lamp, 120/277V Electronic Ballast	347-347 Volt
M6A-P38-70E	70W PAR30L or PAR38 MH Lamp, 120/277V Electronic Ballast	***F-Fuse and Fuse Holder
M6A-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	(where *** = voltage)
M6A-P38-150E120 [Ⓔ]	150W PAR38 MH Lamp, 120V Electronic Ballast	CP-Chicago Plenum ³
M6A-P38-150E277 [Ⓔ]	150W PAR38 MH Lamp, 277V Electronic Ballast	FCAN-FCAN Ballast in lieu of core and coil
M6A-P30-39M ^{1,2}	39W PAR30L MH Lamp, 120/277V Magnetic Ballast	(Includes HB-TL bar hangers)
M6A-P38-70M ^{1,2}	70W PAR30L or PAR38 MH Lamp, 120/277V Magnetic Ballast	
M6A-P38-100M ^{1,2}	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	
M6A-P38-150M ^{1,2,†}	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

¹Core and Coil Style; FCAN optional.

²Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

³Consult factory for availability.

[Ⓔ] Indicates that the product meets DOE energy efficient standards - EISA compliant.

[†]Not for use in the United States.

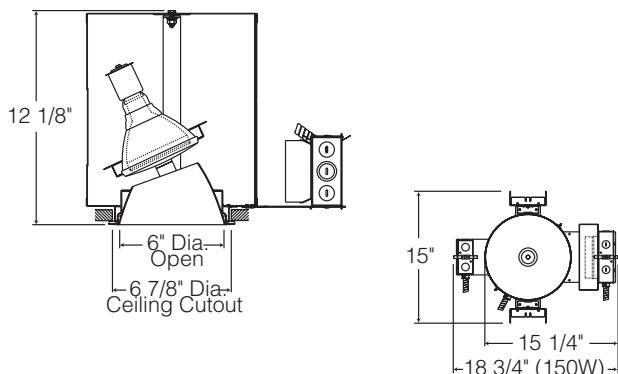
Reflector

Ordering Example: **MP600A-P38-CL-WH**



Series	Color	Finish	Options
MP600A-P38	Angle Cut Cone for PAR30L, PAR38	C-Clear G-Gold WT-Wheat PT-Pewter BZ-Bronze B-Black W-White	Low Iridescent Alzak® Finishes: L-Specular S-Satin Blank for Baffle & White
			WH-White flange

Dimensions⁴



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

⁴Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.



Description

CMH PAR adjustables with straight cones provide easy adjustment accent and task lighting.

Features

- Lamp collar provides easy adjustment by hand
- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M6A-P38-70E-120F**

Catalog No.	Description	Options
M6A-P38-70E	70W PAR38 MH Lamp, 120/277V Electronic Ballast	347 -347 Volt ³
M6A-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M6A-P38-150E120 Ⓔ	150W PAR38 MH Lamp, 120V Electronic Ballast	(where *** = voltage)
M6A-P38-150E277 Ⓔ	150W PAR38 MH Lamp, 277V Electronic Ballast	CP -Chicago Plenum ³
M6A-P38-70M ^{1,2}	70W PAR38 MH Lamp, 120/277V Magnetic Ballast	FCAN -FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
M6A-P38-100M ^{1,2}	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	
M6A-P38-150M ^{1,2,†}	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

¹Core and Coil Style; FCAN optional.

²Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

³Consult factory for availability.

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

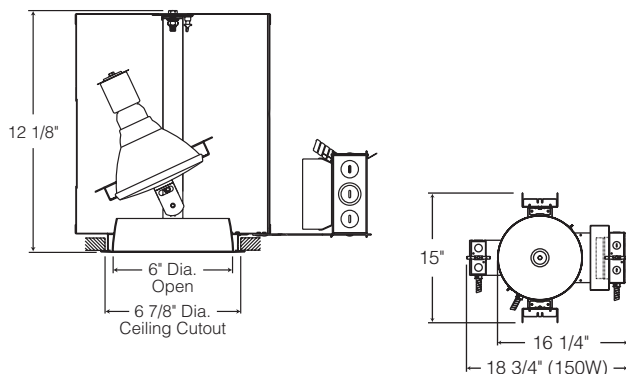
[†]Not for use in the United States.

Reflector

Ordering Example: **MP600SC-P38-CL-WH**

Series	Color	Finish	Options
 MP600SC-P38 Straight Cone for PAR38	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for White Blank for Baffle	WH -White flange
 MP600SB-P38 Straight Baffle for PAR38			

Dimensions⁴



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

⁴Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.



Description

CMH adjustables with angle cones provide low glare accent and task lighting.

Features

- Up to 35° tilt and 360° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M8A-T6-70E**


Catalog No.	Description	Options
M8A-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	347-347 Volt ¹
M8A-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M8A-T6-150E1 Ⓢ	150W T6 MH lamp (G12 base), 120V Electronic Ballast	(where *** =voltage)
M8A-T6-150E2 Ⓢ	150W T6 MH lamp (G12 base), 277V Electronic Ballast	CP -Chicago Plenum ¹
		SW -Lamp Sensing Switch for Electronic Ballast

¹Consult factory for availability.

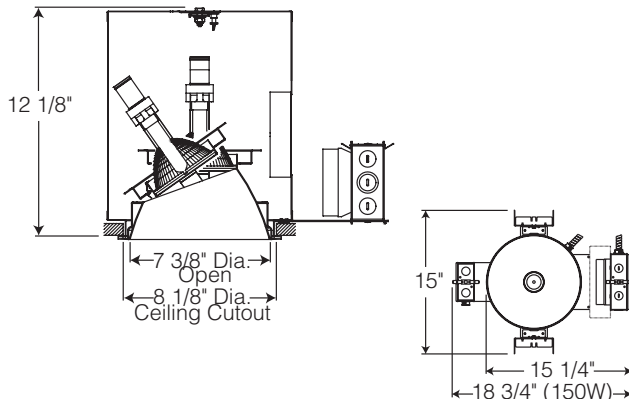
Ⓢ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Reflector

Ordering Example: **MT800AN-CL**

Series	Color	Finish	Options
 MT800AS	Angle Cut Cone, Spot Beam	C -Clear	Low Iridescent
MT800AN	Angle Cut Cone, Narrow Flood Beam	G -Gold	Alzak® Finishes:
MT800AF	Angle Cut Cone, Flood Beam	WT -Wheat	L -Specular
		PT -Pewter	S -Satin
		BZ -Bronze	Blank for White
		B -Black	
		W -White	
MT800AS-150	Angle Cut Cone, Spot Beam for 150W T6 MH lamp		
MT800AN-150	Angle Cut Cone, Narrow Flood Beam for 150W T6 MH lamp		
MT800AF-150	Angle Cut Cone, Flood Beam for 150W T6 MH lamp		

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair



Description

CMH PAR adjustables with angle cones provide low glare accent and task lighting.

Features

- Low iridescent
- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M8A-P30-39E-120F**

Catalog No.	Description	Options
M8A-P30-39E	39W PAR30L MH Lamp, 120/277V Electronic Ballast	347-347 Volt ³
M8A-P38-70E	70W PAR30L or PAR38 MH Lamp, 120/277V Electronic Ballast	***F -Fuse and Fuse Holder
M8A-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	(where *** = voltage)
M8A-P38-150E120 ⑤	150W PAR38 MH Lamp, 120V Electronic Ballast	CP -Chicago Plenum ³
M8A-P38-150E277 ⑤	150W PAR38 MH Lamp, 277V Electronic Ballast	FCAN -FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
M8A-P30-39M ^{1,2}	39W PAR30L MH Lamp, 120/277V Magnetic Ballast	
M8A-P38-70M ^{1,2}	70W PAR30L or PAR38 MH Lamp, 120/277V Magnetic Ballast	
M8A-P38-100M ^{1,2}	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	
M8A-P38-150M ^{1,2,†}	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

¹Core and Coil Style; FCAN optional.

²Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

³Consult factory for availability.

⑤ Indicates that the product meets DOE energy efficient standards - EISA compliant.

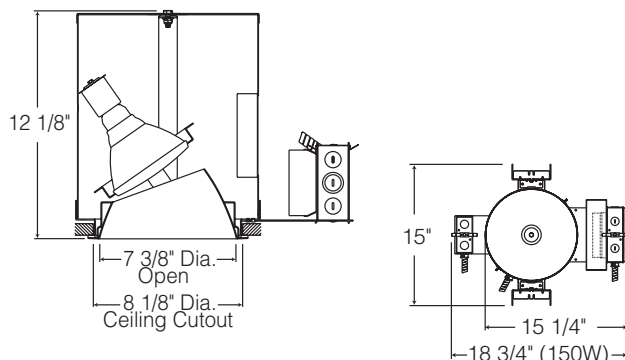
[†]Not for use in the United States.

Reflector

Ordering Example: **P800A-P38-CL-WH**

Series	Color	Finish	Options
 P800A-P38	Angle Cut Cone for PAR30L, PAR38	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Low Iridescent Alzak® Finishes: L -Specular S -Satin Blank for White
			WH -White flange

Dimensions⁴



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

⁴Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.



Description

CMH PAR adjustables with straight cones provide easy adjustment accent and task lighting.

Features

- Lamp collar provides easy adjustment by hand
- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M8A-P38-70E-CP**

Catalog No.	Description	Options
M8A-P38-70E	70W PAR38 MH Lamp, 120/277V Electronic Ballast	347 -347 Volt
M8A-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	***F -Fuse and Fuse Holder (where*** = voltage)
M8A-P38-150E120 ⑤	150W PAR38 MH Lamp, 120V Electronic Ballast	CP -Chicago Plenum ³
M8A-P38-150E277 ⑤	150W PAR38 MH Lamp, 277V Electronic Ballast	FCAN -FCAN Ballast in lieu of core and coil
M8A-P38-70M ^{1,2}	70W PAR38 MH Lamp, 120/277V Magnetic Ballast	(Includes HB-TL bar hangers)
M8A-P38-100M ^{1,2}	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	
M8A-P38-150M ^{1,2,†}	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

¹Core and Coil Style; FCAN optional.

²Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.



³Consult factory for availability.

⑤ Indicates that the product meets DOE energy efficient standards - EISA compliant.

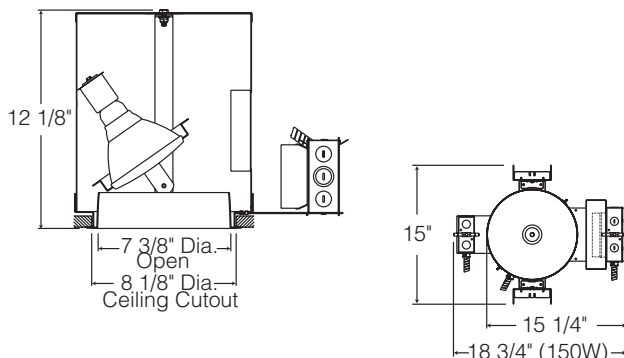
[†]Not for use in the United States.

Reflector

Ordering Example: **P800SC-P38-CL-WH**

Series	Color	Finish	Options
 P800SC-P38 Straight Cone for PAR38	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for White Blank for Baffle	WH -White flange
 P800SB-P38 Straight Baffle for PAR38			

Dimensions⁴



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

⁴Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.



Description

Incandescent provides excellent color rendering and "instant on."

Features

- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell in die cast socket housing
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **A4-277-F**

Catalog No.	Description	Options
A4	40-100W, A-19, 120 Volt Input	F -Fuse and Fuse Holder
A4-277¹	40-100W, A-19, 277 Volt Input	

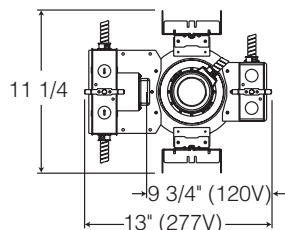
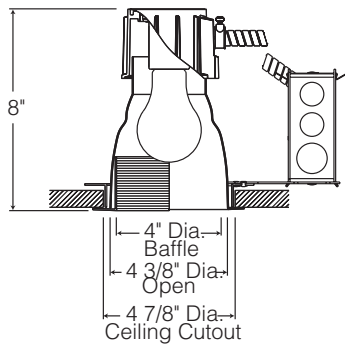
¹Magnetic transformer.

Reflector

Ordering Example: **A400B-B**

	Series		Color	Finish	Options
	A400	Open Reflector for A-19	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	WH -White flange MAX### -Labeled for maximum wattage (where ### = wattage)
	A400B	Baffle for A-19			

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.



Description

PAR incandescent lamps provide beam spread choice and excellent color rendering.

Features



- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell in die cast socket housing
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In Ordering Example: **A4-F**

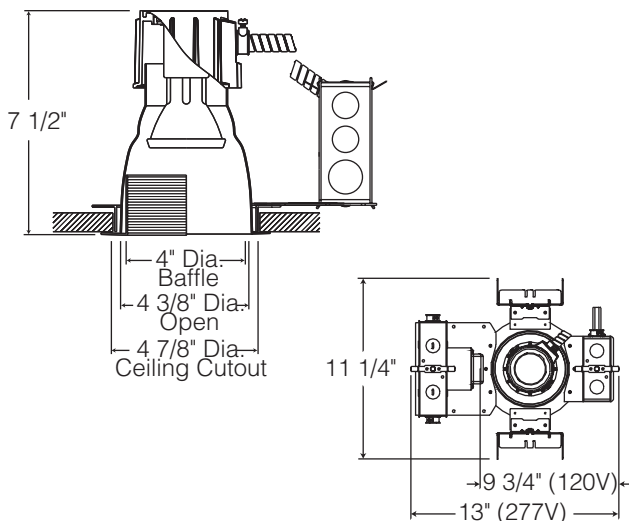
Catalog No.	Description	Options
A4	40-75W PAR16; 50W PAR20; 120 Volt Input	F -Fuse and Fuse Holder
A4-277¹	40-75W PAR16; 50W PAR20; 277 Volt Input	

¹Magnetic transformer

Reflector Ordering Example: **P400-P20-CL-WH**

	Series		Color	Finish	Options
	P400-P20	Open Reflector for PAR16 or PAR20	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for White Blank for Baffle	WH -White flange MAX### -Labeled for maximum wattage (where ### = wattage)
	P400B-P20	Baffle for PAR16 or PAR20			

Dimensions³



³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.



Description

Deeply recessed PAR lamp minimizes glare.

Features

- Deeply regressed lamp provides inconspicuous aperture
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **P4D-F**

Catalog No.	Description	Options
P4D	50-75W PAR30; 120 Volt Input	F -Fuse and Fuse Holder
P4D-277¹	50-75W PAR30; 277 Volt Input	CP -Chicago Plenum ²

¹Magnetic transformer

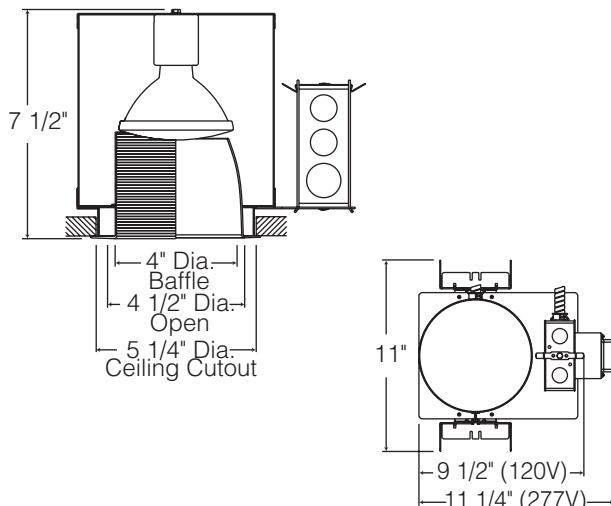
²Consult factory for availability.

Reflector

Ordering Example: **P400SC-P30-CL-WH**

	Series		Color	Finish	Options
	P400SC-P30	Open Deep Cone for PAR30	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for White Blank for Baffle	WH -White flange MAX### -Labeled for maximum wattage (where ### = wattage)
	P400SB-P30	Baffle for PAR30			

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4.*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.

³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.



Description

Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control.

Features

- Low profile provides maximum clearance in tight installations
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **A6H-F**

Catalog No.	Description	Options
A6H	40-100W A-19; 75-150W A-21, 120 Volt Input	F -Fuse and Fuse Holder
A6H-277¹	40-100W A-19; 75-150W A-21, 277 Volt Input	

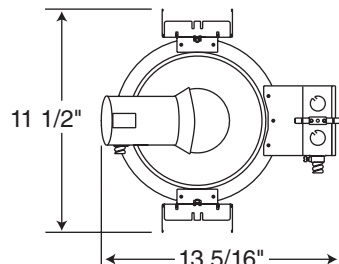
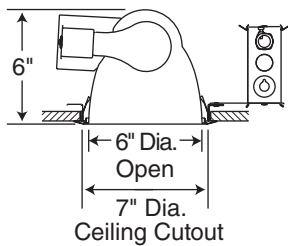
¹Magnetic transformer

Reflector

Ordering Example: **A650-CL-MAX100**

	Series		Color	Finish	Options
	A650	Open Reflector	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for White	WH -White flange MAX### -Labeled for maximum wattage (where ### = wattage)
	A650WS	Single Wall Wash			

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.



Description

Incandescent provides excellent color rendering and "instant on."

Features

- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell in die cast socket housing
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **A6-F**

Catalog No.	Description	Options
A6¹	40-100W A-19; 75-200W A-21; 120 Volt Input	F -Fuse and Fuse Holder
A6-277^{1,2}	40-100W A-19; 75-150W A-21; 277 Volt Input	
A6-2772^{1,2}	200W A-21, 277 Volt Input	

¹For corner and double wall wash, change A6 to A6W in catalog number.

²Magnetic transformer

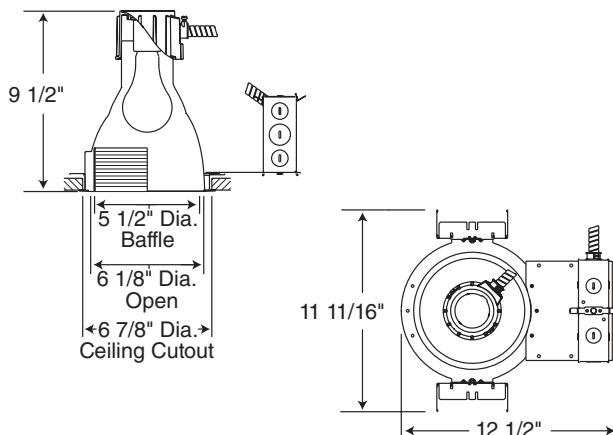
Reflector

Ordering Example: **A600-A19-CL-WH**

	Series		Color	Finish	Options
	A600-A19	Open Reflector for A-19	C -Clear	Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	WH -White flange MAX### -Labeled for maximum wattage (where ### = wattage)
	A600-A21	Open Reflector for A-21	G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White		
	A600WS-A19⁴	Single Wall Wash for A-19			
	A600WS-A21⁴	Single Wall Wash for A-21			
	A600B-A19	Baffle for A-19			
	A600B-A21	Baffle for A-21			

⁴For corner wall wash, change WS to WC; for double wall wash, change WS to WD. Corner and double wall wash must be ordered with A6W Rough-In.

Dimensions⁵



⁵Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.



Description

PAR incandescent lamps provide beam spread choice and excellent color rendering.

Features

- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell in die cast socket housing
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **P6-P30-F**

Catalog No.	Description	Options
P6-P30	50-75W PAR30; 120 Volt Input	F -Fuse and Fuse Holder
P6-P30-277¹	50-75W PAR30; 277 Volt Input	
A6	45-150W or Q150-Q250W PAR38; 120 Volt Input	
A6-277¹	45-150W or Q150W PAR38; 277 Volt Input	
A6-2773¹	Q250W PAR38; 277 Volt Input	

¹Magnetic transformer

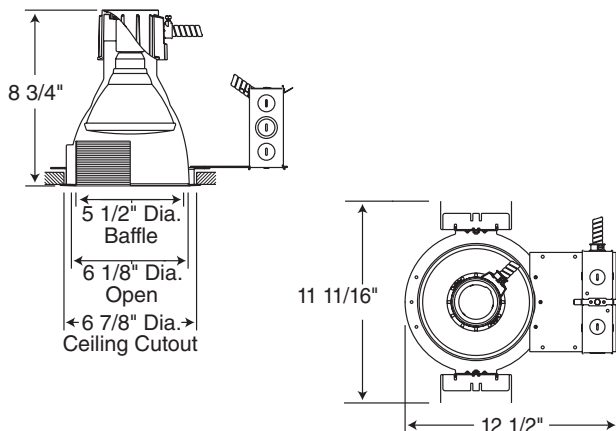
²Consult factory for availability.

Reflector

Ordering Example: **P600-P38-CL-WH**

	Series		Color	Finish	Options
	P600-P38	Open Reflector for PAR30, PAR38	C -Clear G -Gold WT -Wheat PT -Pewter	Alzak® Finishes: L -Specular S -Satin Blank for White and Baffle	WH -White flange MAX### -Labeled for maximum wattage (where ### = wattage)
	P600B-P38	Baffle for PAR30, PAR38	BZ -Bronze B -Black W -White		

Dimensions³



³Dimensions represent 120V, PAR38 units. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter
*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.	



Description

Deeply recessed PAR lamp minimizes glare.

Features

- Deeply regressed lamp provides inconspicuous aperture
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **P6D-P30-CP**

Catalog No.	Description	Options
P6D-P30	50-75W PAR30; 120 Volt Input	F -Fuse and Fuse Holder
P6D-P30-277¹	50-75W PAR30; 277 Volt Input	CP -Chicago Plenum ²
P6D-P38	45-150W or Q150W PAR38; 120 Volt Input	
P6D-P38-277¹	45-150W or Q150W PAR38; 277 Volt Input	

¹Magnetic transformer

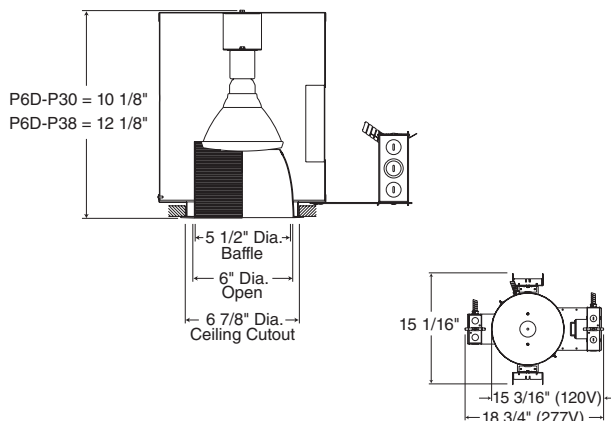
²Consult factory for availability.

Reflector

Ordering Example: **PD600-P38-CL-WH**

Series	Color	Finish	Options
 PD600-P38 Open Deep Cone for PAR30, PAR38	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	WH -White flange MAX### -Labeled for maximum wattage (where ### = wattage)
 PD600B-P38 Baffle for PAR30, PAR38			

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

³Dimensions represent 120V, PAR38 units. For others, refer to www.junolightinggroup.com.



Description

Incandescent provides excellent color rendering and "instant on."

Features

- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell in die cast socket housing
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **A8-F**

Catalog No.	Description	Options
A8¹	75-200W A-21; 100-200W A-23; 120 Volt Input	F -Fuse and Fuse Holder
A8-277^{1,2}	75-150W A-21; 100-150W A-23; 277 Volt Input	
A8-2772^{1,2}	200W, A-21; 200W A-23; 277 Volt Input	

¹For corner and double wall wash, change A8 to A8W in catalog number.

²Magnetic transformer

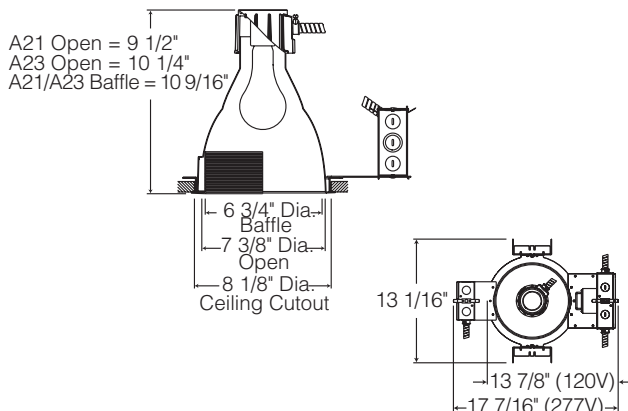
Reflector

Ordering Example: **A800B-A23-B**

	Series		Color	Finish	Options
	A800-A21	Open Reflector for A-21	C -Clear	Alzak® Finishes:	WH -White flange
	A800-A23	Open Reflector for A-23	G -Gold	L -Specular	MAX### - Labeled for maximum wattage (where ### = wattage)
	A800WS-A21⁴	Single Wall Wash for A-21	WT -Wheat	S -Satin	
	A800WS-A23⁴	Single Wall Wash for A-23	PT -Pewter	Blank for Baffle & White	
			BZ -Bronze		
			B -Black		
			W -White		
	A800B-A23	Baffle for A-21, A-23			

⁴For corner wall wash, change WS to WC; for double wall wash, change WS to WD. Corner and double wall wash must be ordered with A8W Rough-In.

Dimensions⁵



⁵Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell in die cast socket housing
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In

Ordering Example: **A8-F**

Catalog No.	Description	Options
A8	75-200W A-21; 100-200W A-23; 120 Volt Input	F -Fuse and Fuse Holder
A8-277¹	75-150W A-21; 100-150W A-23; 277 Volt Input	
A8-2772¹	200W A-21 lamp; 200W A-23; 277 Volt Input	

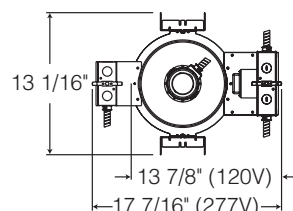
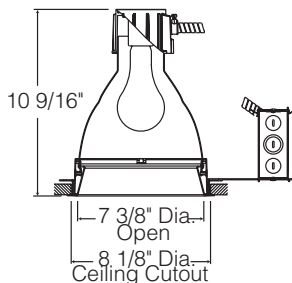
¹Magnetic transformer

Lensed Trim

Ordering Example: **A800B-A23-B-FG-MAX150**

Series	Color	Finish	Lens Type	Options
 A800LC-A23 Lower Cone for A-21, A-23	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	CG -Clear Glass PG -Prismatic Glass FG -Fresnel Glass	WH -White flange WET -Wet Location Listing MAX### -Labeled for maximum wattage (where ### = wattage)
 A800B-A23 Lower Baffle for A-21, A-23				

Dimensions³



³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

PAR incandescent lamps provide beam spread choice and excellent color rendering.

Features

- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell in die cast socket housing
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In



Ordering Example: **A8-F**

Catalog No.	Description	Options
A8	45-150W or Q150-Q250W PAR38, 120 Volt Input	F -Fuse and Fuse Holder
A8-277¹	45-150W or Q150W PAR38, 277 Volt Input	
A8-2773¹	Q250 PAR38, 277 Volt Input	

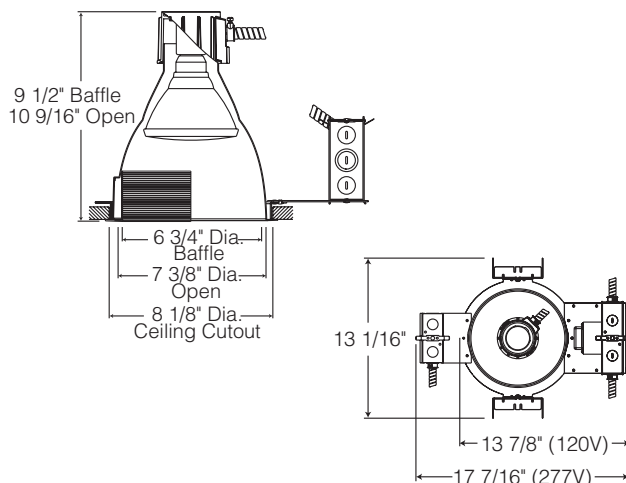
¹Magnetic transformer

Reflector

Ordering Example: **P800-P38-CL-WH**

Series	Description	Color	Finish	Options
 P800-P38	Open Reflector	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	WH -White flange MAX### -Labeled for maximum wattage (where ### = wattage)
 P800B-P38	Baffle			

Dimensions³



³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.



Description

Deeply recessed PAR lamp minimizes glare.

Features

- Deeply regressed lamp provides inconspicuous aperture
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **P8D-P38-F**

Catalog No.	Description	Options
P8D-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	F -Fuse and Fuse Holder
P8D-P38-277¹	45-150W or Q150W PAR38, 277 Volt Input	CP -Chicago Plenum ²
P8D-P38-2773¹	Q250W PAR38, 277 Volt Input	

¹Magnetic transformer

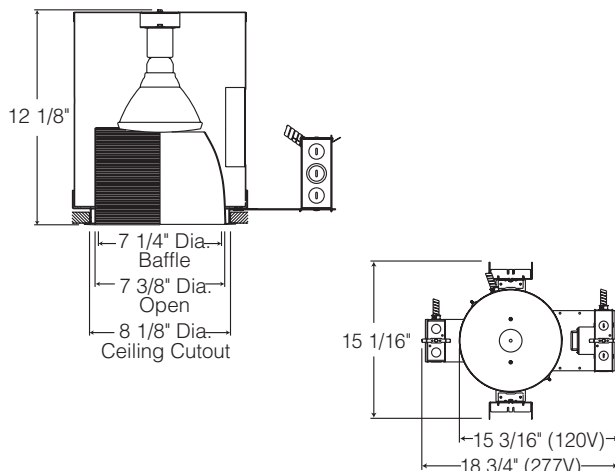
²Consult factory for availability.

Reflector

Ordering Example: **PD800-P38-CL-WH**

Series	Color	Finish	Options
 PD800-P38	Open Deep Cone	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White
 PD800B-P38	Deep Baffle		WH -White flange MAX### -Labeled for maximum wattage (where ### = wattage)

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.



Description

Provides uniform illumination of vertical surface without scallops.

Features

- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Cone has self-flange trim of same finish. Painted white flange is optional
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **P6AW-P38-CP**

Catalog No.	Description	Options
P6AW-P38	45-150W PAR38, 120 Volt Input	F -Fuse and Fuse Holder
P6AW-P38-277¹	45-150W PAR38, 277 Volt Input	CP -Chicago Plenum ²

¹Magnetic transformer

²Consult factory for availability.

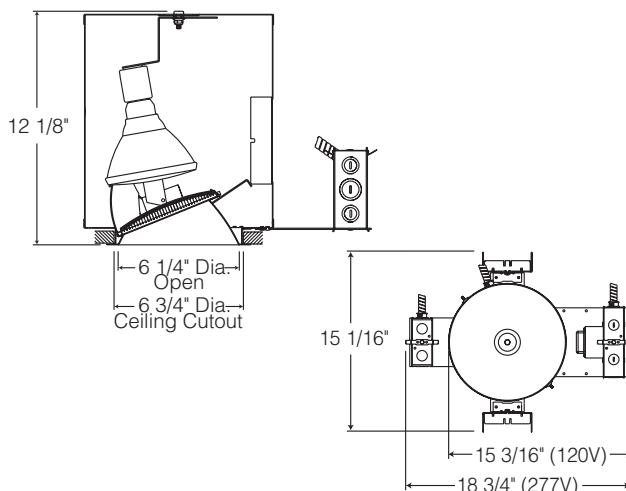
Lensed Trim

Ordering Example: **P6WL-P38-CL**



Series	Color	Finish	Options
P6WL-P38 Spread Lens Wall Wash w/Lower Cone	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for White	WH -White flange

Dimensions³



³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists



Description

Provides uniform illumination of vertical surface without scallops.

Features

- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Cone has self-flange trim of same finish. Painted white flange is optional
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **P8AW-P38-347**

Catalog No.	Description	Options
P8AW-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	F -Fuse and Fuse Holder
P8AW-P38-277¹	45-150W or Q150W PAR38, 277 Volt Input	CP -Chicago Plenum ²

¹Magnetic transformer

²Consult factory for availability.

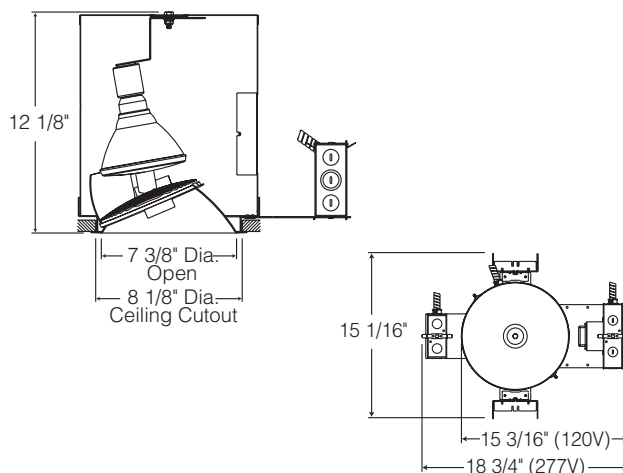
Lensed Trim

Ordering Example: **P8WL-P38-CL-WH**



Series	Color	Finish	Options
P8WL-P38 Spread Lens Wall Wash w/Lower Cone	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for White	WH -White flange

Dimensions³



³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair



Description

PAR adjustables with angle cones provide low glare accent and task lighting.

Features

- Up to 40° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **P4A-P20-F**






Catalog No.	Description	Options
P4A-P20	40-75W PAR16; 50-75W PAR20; 120 Volt Input	F -Fuse and Fuse Holder
P4A-P20-277¹	40-75W PAR16; 50-75W PAR20; 277 Volt Input	CP -Chicago Plenum ²

¹Magnetic transformer

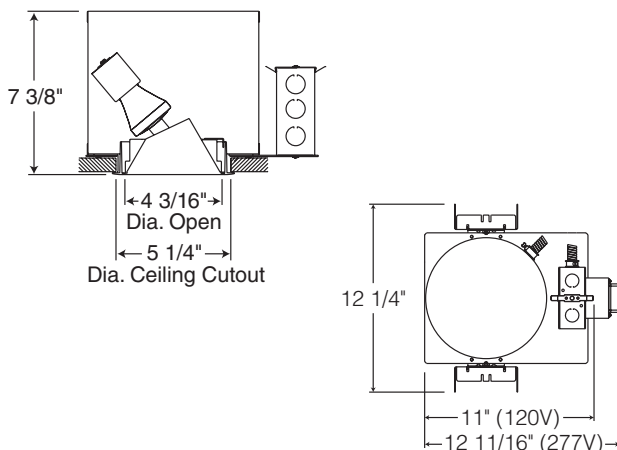
²Consult factory for availability.

Reflector

Ordering Example: **P400A-P20-CL-WH**

Series	Color	Finish	Options
 P400A-P20 Angle Cut Cone for PAR16 or PAR20	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White Blank for Baffle, Pinhole, Slot	Alzak® Finishes: L -Specular S -Satin Blank for Baffle, Pinhole, Slot Blank for White	WH -White flange MAX### - Labeled for maximum wattage (where ### = wattage)
 P400AB-P20-B Angle Cut Baffle for PAR16 or PAR20, Black			
 P400AB-P20-W Angle Cut Baffle for PAR16 or PAR20, White			
 P400SLT-P20-W Slotted Aperture for PAR16 or PAR20, White			
 P400PIN-P20-W Pinhole Aperture for PAR16 or PAR20, White			

Dimensions³



³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists



Description

PAR adjustables with angle cones provide low glare accent and task lighting.

Features

- Up to 45° tilt and 358° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **P5A-P38-F**

Catalog No.	Description	Options
P5A-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	F -Fuse and Fuse Holder
P5A-P38-277¹	45-150W or Q150W PAR38, 277 Volt Input	CP -Chicago Plenum ²
P5A-P38-2773¹	Q250W PAR38, 277 Volt Input	

¹Magnetic transformer

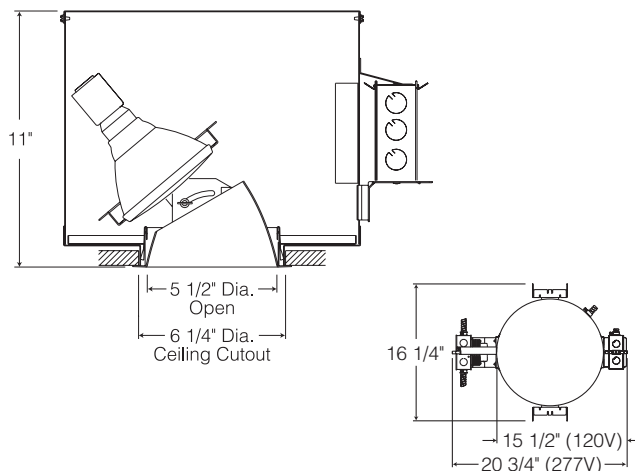
²Consult factory for availability.

Reflector

Ordering Example: **P500A-P38-CL-WH**

Series	Color	Finish	Options
 P500A-P38 Angle Cut Cone for PAR38	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for White	WH -White flange MAX### - Labeled for maximum wattage (where ### = wattage)

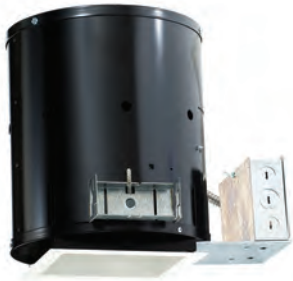
Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.



Description

PAR adjustables with square trims provide attractive rectilinear accent and task lighting.

Features

- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Square trim offered in choice of white or black
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **P6ASQ-P38-F**

Catalog No.	Description	Options
P6ASQ-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	F -Fuse and Fuse Holder
P6ASQ-P38-277¹	45-150W or Q150W PAR38, 277 Volt Input	CP -Chicago Plenum ²
P6ASQ-P38-2773¹	Q250W PAR38, 277 Volt Input	

¹Magnetic transformer

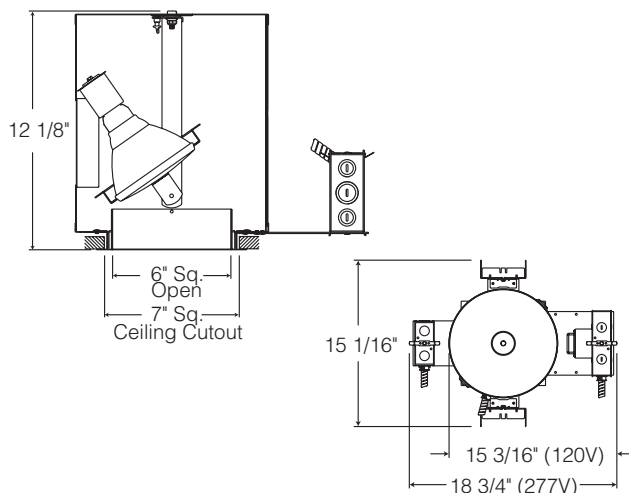
²Consult factory for availability.

Trim

Ordering Example: **PSQ600-P38-W-MAX150**

Series	Description	Options
PSQ600-P38-W	Square Trim, White	WH -White flange
PSQ600-P38-B	Square Trim, Black	MAX### - Labeled for maximum wattage (where ### = wattage)

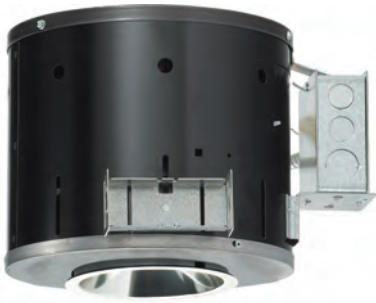
Dimensions³



³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists



Description

PAR adjustables provide easy adjustment accent and task lighting.

Features

- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **P6A-P30-F**

Catalog No.	Description	Options
P6A-P30	40-75W PAR16; 50W PAR20; 50-75W PAR30; 120 Volt Input	F -Fuse and Fuse Holder
P6A-P30-277¹	40-75W PAR16; 50W PAR20; 50-75W PAR30; 277 Volt Input	CP -Chicago Plenum ²

¹Magnetic transformer

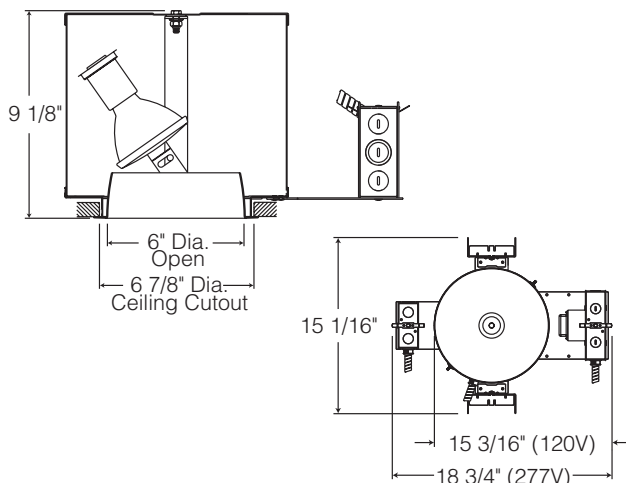
²Consult factory for availability.

Reflector

Ordering Example: **P600SB-P38-B-MAX50**

Series	Color	Finish	Options
 P600SC-P30 Straight Cut Cone for PAR16, PAR20, PAR30	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	WH -White flange MAX### - Labeled for maximum wattage (where ### = wattage)
 P600A-P38 Angle Cut Cone for PAR16, PAR20, PAR30			
 P600SB-P38 Straight Baffle for PAR16, PAR20, PAR30			

Dimensions³



³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists



Description

PAR adjustables with straight cones provide easy adjustment accent and task lighting.

Features

- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **P6A-P38-CP**

Catalog No.	Description	Options
P6A-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	F -Fuse and Fuse Holder
P6A-P38-277¹	45-150W or Q150W PAR38, 277 Volt Input	CP -Chicago Plenum ²
P6A-P38-2773¹	Q250W PAR38, 277 Volt Input	

¹Magnetic transformer

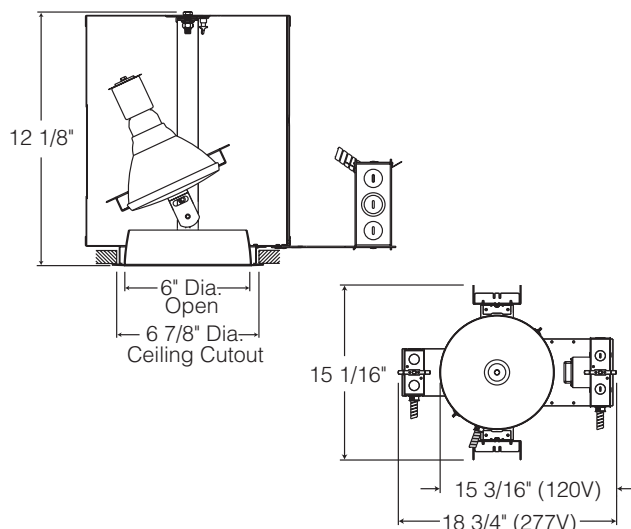
²Consult factory for availability.

Reflector

Ordering Example: **P600SB-P38-B-WH**

	Series		Color	Finish	Options
	P600SC-P38	Straight Cut Cone for PAR38	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	WH -White flange MAX### - Labeled for maximum wattage (where ### = wattage)
	P600A-P38	Angle Cut Cone for PAR38			
	P600SB-P38	Straight Baffle for PAR38			

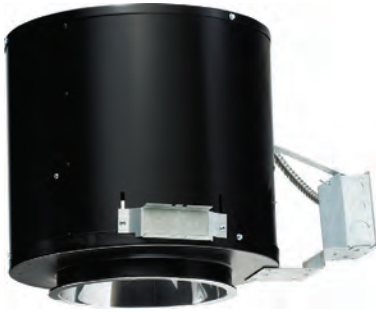
Dimensions³



³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists



Description

PAR adjustables with angle cones provide low glare accent and task lighting.

Features

- Up to 45° tilt and 358° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **P8A-P38-F**


Catalog No.	Description	Option
P8A-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	F -Fuse and Fuse Holder
P8A-P38-277¹	45-150W or Q150W PAR38, 277 Volt Input	CP -Chicago Plenum ²
P8A-P38-2773¹	Q250W PAR38, 277 Volt Input	

¹Magnetic transformer

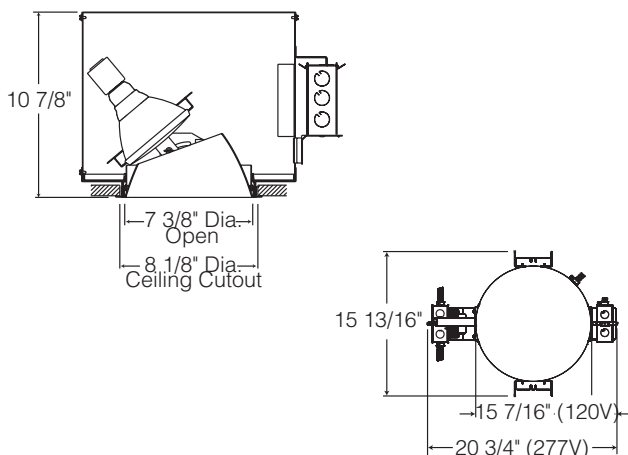
²Consult factory for availability.

Reflector

Ordering Example: **P800A-P38-CL-WH**

Series	Color	Finish	Options
 P800A-P38 Angle Cut Cone for PAR38	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for White	WH -White flange MAX### - Labeled for maximum wattage (where ### = wattage)

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.



Description

PAR adjustables provide easy adjustment accent and task lighting.

Features

- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Lamp collar provides easy adjustment by hand
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **P8RA-P38-F**




Catalog No.	Description	Options
P8RA-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	F -Fuse and Fuse Holder
P8RA-P38-277¹	45-150W or Q150W PAR38, 277 Volt Input	CP -Chicago Plenum ²
P8RA-P38-2773¹	Q250W PAR38, 277 Volt Input	

¹Magnetic transformer

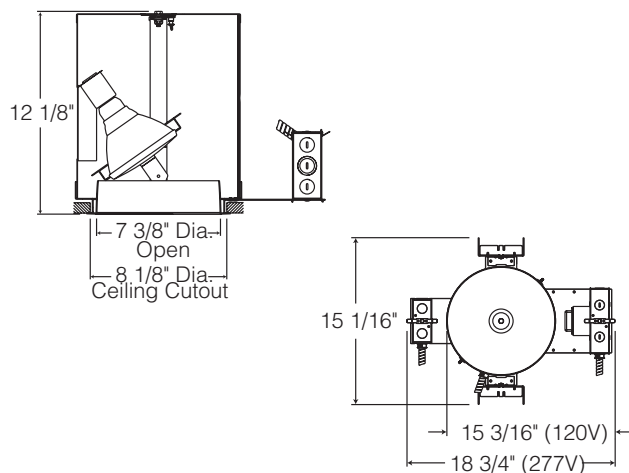
²Consult factory for availability.

Reflector

Ordering Example: **P800SB-P38-B-WH**

	Series		Color	Finish	Options
	P800SC-P38	Straight Cut Cone for PAR38	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for Baffle & White	WH -White flange MAX### - Labeled for maximum wattage (where ### = wattage)
	P800AC-P38	Angle Cut Cone for PAR38			
	P800SB-P38	Straight Baffle for PAR38			

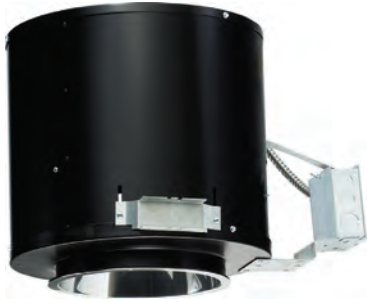
Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.



Description

PAR adjustables with angle cones provide low glare accent and task lighting.

Features

- Up to 35° tilt and 358° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **P9A-P38-F**

Catalog No.	Description	Options
P9A-P38	Q250W PAR38, 120 Volt Input	F -Fuse and Fuse Holder CP -Chicago Plenum ¹

¹Consult factory for availability.

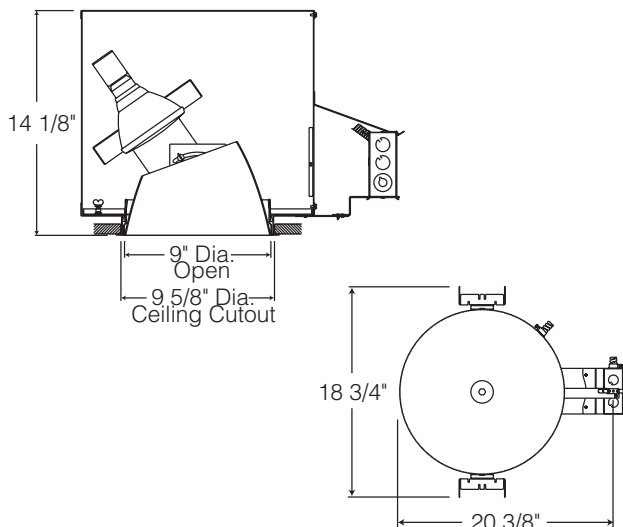
Reflector

Ordering Example: **P900A-P38-CL-MAX150**



Series	Color	Finish	Options
P900A-P38 Angle Cut Cone for PAR38	C -Clear G -Gold WT -Wheat PT -Pewter BZ -Bronze B -Black W -White	Alzak® Finishes: L -Specular S -Satin Blank for White	WH -White flange MAX### - Labeled for maximum wattage (where ### = wattage)

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair



Description

Pull down adjustable fixtures feature maximum aiming flexibility for accent and display lighting with high efficiency metal halide.

Features

- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

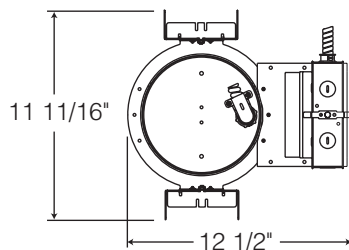
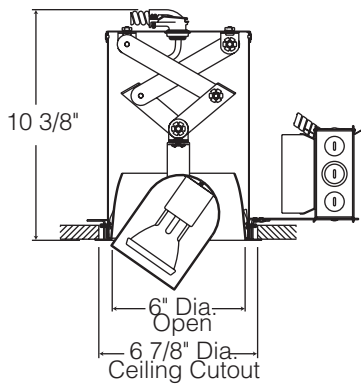
Ordering Example: **M6PD-P20-39E-120F**

Catalog No.	Description	Options
M6PD-P20-39E	39W PAR20 MH Lamp, 120/277V Electronic Ballast	347 -347 Volt ²
M6PD-P20-39M¹	39W PAR20 MH Lamp, 120/277V Magnetic Ballast	CP -Chicago Plenum ²
		***F -Fuse and Fuse Holder (where *** = voltage)
		FCAN -FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)

¹Core and Coil Style; FCAN optional.

²Consult factory for availability.

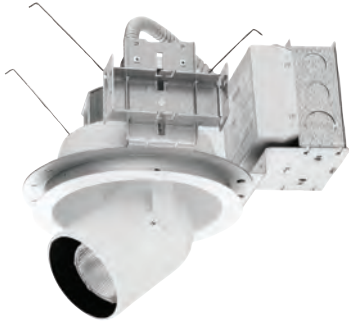
Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
932	Louver and Holder

³Dimensions represent electronic ballast units. For magnetic, refer to www.junolightinggroup.com.



Description

Semi-recessed adjustable fixtures provide high efficiency accent lighting with energy efficient metal halide.

Features

- Up to 45° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

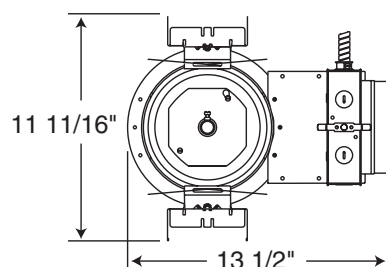
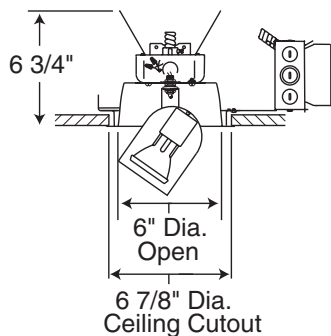
Ordering Example: **M6SR-P20-39E-120F**

Catalog No.	Description	Options
M6SR-P20-39E	39W PAR20 MH Lamp, 120/277V Electronic Ballast	347-347 Volt ²
M6SR-P20-39M¹	39W PAR20 MH Lamp, 120/277V Magnetic Ballast	CP -Chicago Plenum ²
		***F -Fuse and Fuse Holder (where *** = voltage)
		FCAN -FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)

¹Core and Coil Style; FCAN optional.

²Consult factory for availability.

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
932	Louver and Holder

³Dimensions represent electronic ballast units. For magnetic, refer to www.junolightinggroup.com.



Description

Pull down adjustable fixtures feature maximum aiming flexibility for accent and display lighting with high efficiency metal halide.

Features

- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

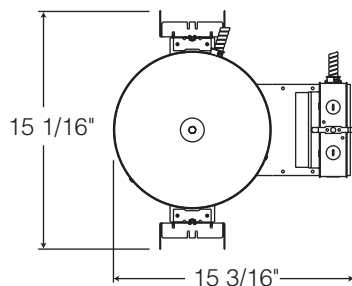
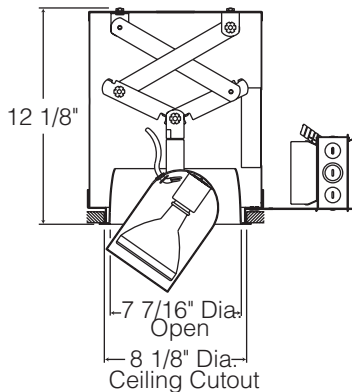
Ordering Example: **M8PD-P30-39E-120F**

Catalog No.	Description	Options
M8PD-P30-39E	39W PAR30 MH Lamp, 120/277V Electronic Ballast	347-347 Volt ²
M8PD-P30-70E	70W PAR30 MH Lamp, 120/277V Electronic Ballast	CP -Chicago Plenum ²
		***F -Fuse and Fuse Holder
		(where *** = voltage)
M8PD-P30-39M ¹	39W PAR30 MH Lamp, 120/277V Magnetic Ballast	FCAN -FCAN Ballast in lieu of core and coil
M8PD-P30-70M ¹	70W PAR30 MH Lamp, 120/277V Magnetic Ballast	(Includes HB-TL bar hangers)

¹Core and Coil Style; FCAN optional.

²Consult factory for availability.

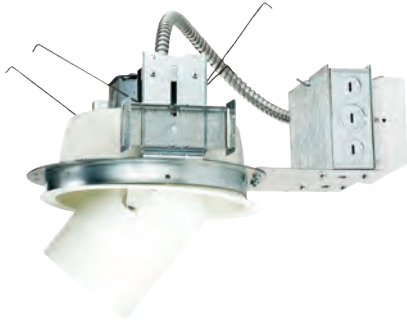
Dimensions³



³Dimensions represent electronic ballast units. For magnetic, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
931	Louver and Holder



Description

Semi-recessed adjustable fixtures provide high efficiency accent lighting with energy efficient metal halide.

Features

- Up to 45° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

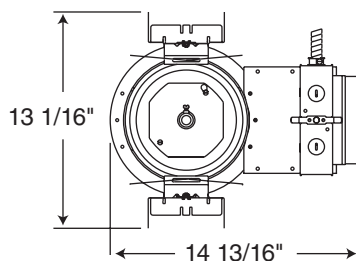
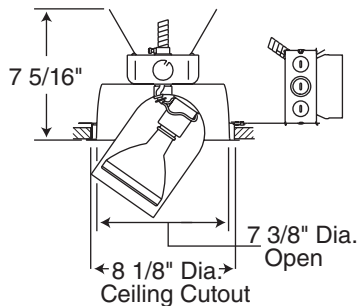
Ordering Example: **M8SR-P30-39E-120F**

Catalog No.	Description	Options
M8SR-P30-39E	39W PAR30 MH Lamp, 120/277V Electronic Ballast	347 -347 Volt ²
M8SR-P30-70E	70W PAR30 MH Lamp, 120/277V Electronic Ballast	CP -Chicago Plenum ²
		***F -Fuse and Fuse Holder (where *** = voltage)
M8SR-P30-39M¹	39W PAR30 MH Lamp, 120/277V Magnetic Ballast	FCAN -FCAN Ballast in lieu of core and coil
M8SR-P30-70M¹	70W PAR30 MH Lamp, 120/277V Magnetic Ballast	(Includes HB-TL bar hangers)

¹Core and Coil Style; FCAN optional.

²Consult factory for availability.

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
931	Louver and Holder

³Dimensions represent electronic ballast units. For magnetic, refer to www.junolightinggroup.com.



Description

Pull down adjustable fixtures feature maximum aiming flexibility for accent and display lighting with high efficiency metal halide.

Features

- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

Ordering Example: **M8PD-P38-70E-120F**

Catalog No.	Description	Options
M8PD-P38-70E	70W PAR38 MH Lamp, 120/277V Electronic Ballast	347 -347 Volt ³
M8PD-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	CP -Chicago Plenum ³
M8PD-P38-150E120 ⑥	150W PAR38 MH Lamp, 120V Electronic Ballast	***F -Fuse and Fuse Holder
M8PD-P38-150E277 ⑥	150W PAR38 MH Lamp, 277V Electronic Ballast	(where *** = voltage)
M8PD-P38-70M ^{1,2}	70W PAR38 MH Lamp, 120/277V Magnetic Ballast	FCAN -FCAN Ballast in lieu of core and coil
M8PD-P38-100M ^{1,2}	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	(Includes HB-TL bar hangers)
M8PD-P38-150M ^{1,2,†}	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

¹Core and Coil Style; FCAN optional.

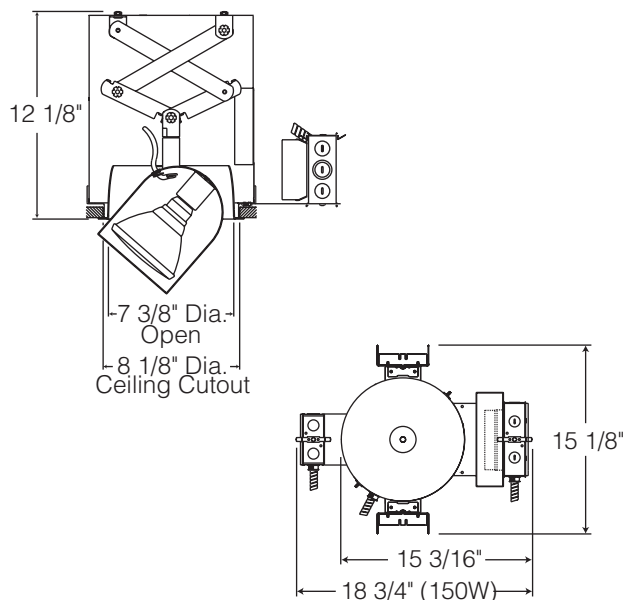
²Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

³Consult factory for availability.

⑥ Indicates that the product meets DOE energy efficient standards - EISA compliant.

[†]Not for use in the United States.

Dimensions⁴



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
816	Louver and Holder

⁴Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.



Description

Semi-recessed adjustable fixtures provide high efficiency accent lighting with energy efficient metal halide.

Features

- Up to 45° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Ordering Information

Ordering Example: **M8SR-P38-70E-120F**

Catalog No.	Description	Options
M8SR-P38-70E	70W PAR38 MH Lamp, 120/277V Electronic Ballast	347-347 Volt ³
M8SR-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	CP -Chicago Plenum ³
M8SR-P38-150E120 Ⓢ	150W PAR38 MH Lamp, 120V Electronic Ballast	***F -Fuse and Fuse Holder
M8SR-P38-150E277 Ⓢ	150W PAR38 MH Lamp, 277V Electronic Ballast	(where *** = voltage)
		FCAN -FCAN Ballast in lieu of core and coil
		(Includes HB-TL bar hangers)
M8SR-P38-70M ^{1,2}	70W PAR38 MH Lamp, 120/277V Magnetic Ballast	
M8SR-P38-100M ^{1,2}	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	
M8SR-P38-150M ^{1,2,†}	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

¹Core and Coil Style; FCAN optional.

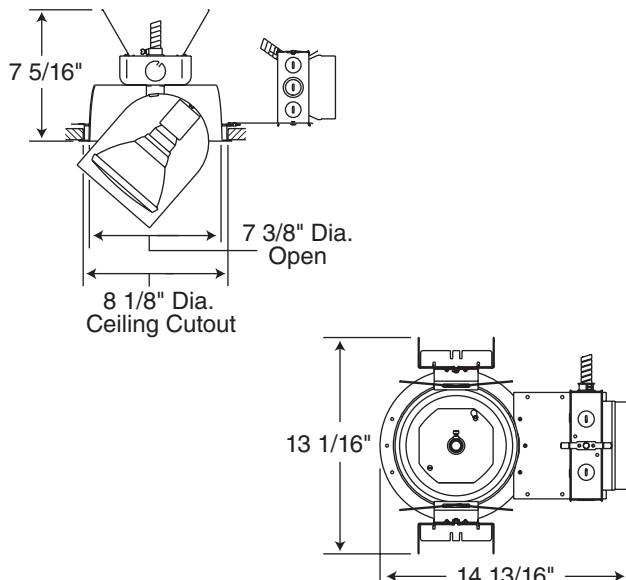
²Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

³Consult factory for availability.

Ⓢ Indicates that the product meets DOE energy efficient standards - EISA compliant.

[†]Not for use in the United States.

Dimensions⁴



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
816	Louver and Holder

⁴Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.



Description

Pull down adjustable fixtures feature maximum aiming flexibility for accent and display lighting with "instant on" of incandescent.

Features

- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

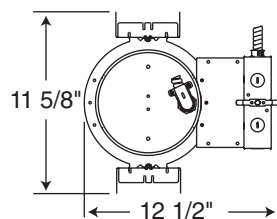
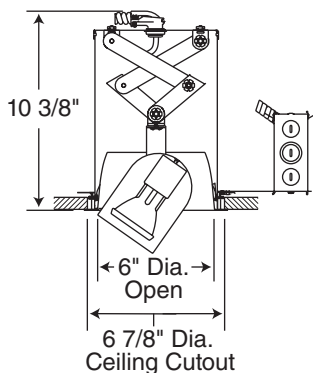
Ordering Example: **P6PD-P20-F**

Catalog No.	Description	Options
P6PD-P20	40-75W PAR16; 50W PAR20; 120 Volt Input	CP -Chicago Plenum ²
P6PD-P20-277¹	40-75W PAR16; 50W PAR20; 277 Volt Input	F -Fuse and Fuse Holder

¹Magnetic transformer

²Consult factory for availability.

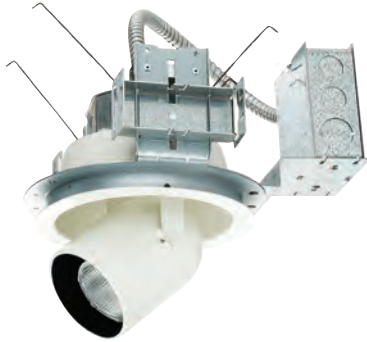
Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
932	Louver and Holder

³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.



Description

Semi-recessed adjustable fixtures provide high efficiency accent lighting with "instant on" of incandescent.

Features

- Up to 45° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

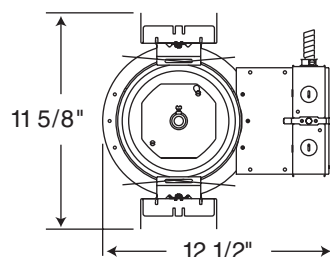
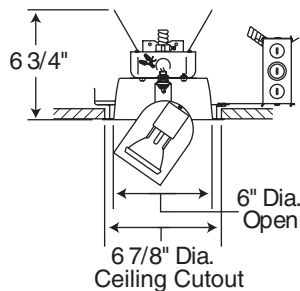
Ordering Example: **P6SR-P20-F**

Catalog No.	Description	Options
P6SR-P20	40-75W PAR16; 50W PAR20; 120 Volt Input	CP -Chicago Plenum ²
P6SR-P20-277¹	40-75W PAR16; 50W PAR20; 277 Volt Input	F -Fuse and Fuse Holder

¹Magnetic transformer

²Consult factory for availability.

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
932	Louver and Holder

³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.



Description

Pull down adjustable fixtures feature maximum aiming flexibility for accent and display lighting with "instant on" of incandescent.

Features

- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

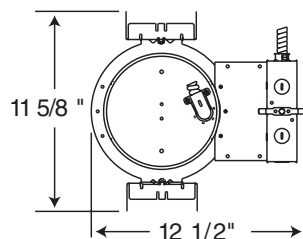
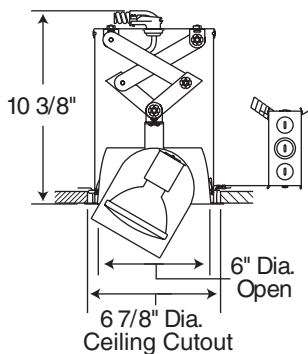
Ordering Example: **P6PD-P30-F**

Catalog No.	Description	Options
P6PD-P30	50-75W PAR30, 120 Volt Input	CP -Chicago Plenum ²
P6PD-P30-277¹	50-75W PAR30, 277 Volt Input	F -Fuse and Fuse Holder

¹Magnetic transformer

²Consult factory for availability.

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
931	Louver and Holder

³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.



Description

Semi-recessed adjustable fixtures provide high efficiency accent lighting with "instant on" of incandescent.

Features

- Up to 45° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

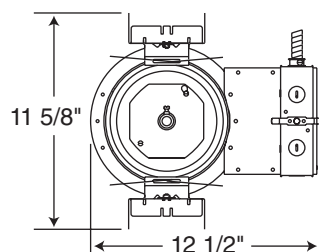
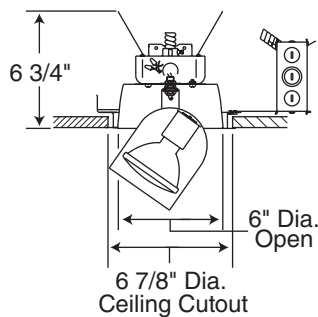
Ordering Example: **P6SR-P30-F**

Catalog No.	Description	Options
P6SR-P30	50-75W PAR30, 120 Volt Input	CP -Chicago Plenum ²
P6SR-P30-277¹	50-75W PAR30, 277 Volt Input	F -Fuse and Fuse Holder

¹Magnetic transformer

²Consult factory for availability.

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
931	Louver and Holder

³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.



Description

Pull down adjustable fixtures feature maximum aiming flexibility for accent and display lighting with "instant on" of incandescent.

Features

- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

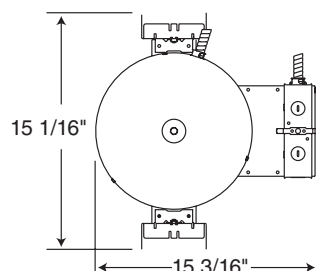
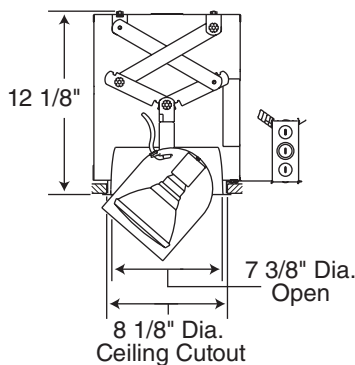
Ordering Example: **P8PD-P38-F**

Catalog No.	Description	Options
P8PD-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	CP -Chicago Plenum ²
P8PD-P38-277¹	45-150W or Q150W PAR38, 277 Volt Input	F -Fuse and Fuse Holder
P8PD-P38-2773¹	Q250W PAR38, 277 Volt Input	

¹Magnetic transformer

²Consult factory for availability.

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
816	Louver and Holder

³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.



Description

Semi-recessed adjustable fixtures provide high efficiency accent lighting with "instant on" of incandescent.

Features

- Up to 45° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

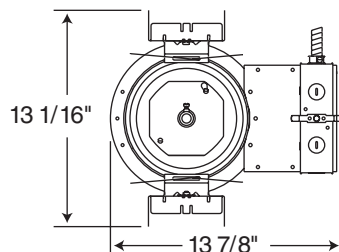
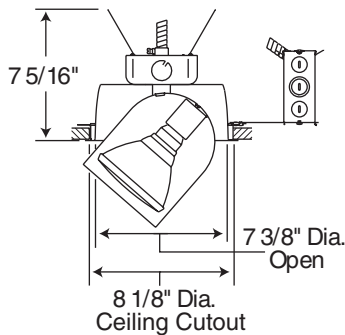
Ordering Example: **P8SR-P38-F**

Catalog No.	Description	Options
P8SR-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	CP -Chicago Plenum ²
P8SR-P38-277¹	45-150W or Q150W PAR38, 277 Volt Input	F -Fuse and Fuse Holder
P8SR-P38-2773¹	Q250W PAR38, 277 Volt Input	

¹Magnetic transformer

²Consult factory for availability.

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
816	Louver and Holder

³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.



Description

Flush adjustable fixtures feature maximum aiming flexibility for accent and display lighting with "instant on" of incandescent.

Features

- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

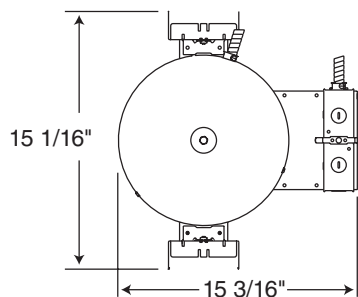
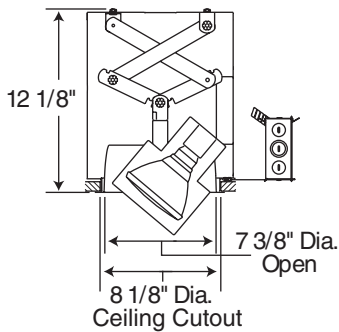
Ordering Example: **P8FA-P38-F**

Catalog No.	Description	Options
P8FA-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	CP -Chicago Plenum ²
P8FA-P38-277¹	45-150W or Q150W PAR38, 277 Volt Input	F -Fuse and Fuse Holder
P8FA-P38-2773¹	Q250W PAR38, 277 Volt Input	

¹Magnetic transformer

²Consult factory for availability.

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
816	Louver and Holder

³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.



Description

Pull down adjustable fixtures feature maximum aiming flexibility for accent and display lighting with "instant on" of incandescent.

Features

- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

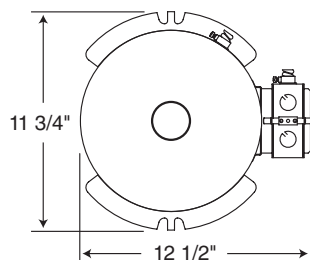
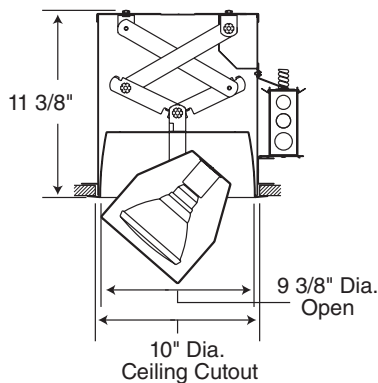
Ordering Example: **P9PD-P38-F**

Catalog No.	Description	Options
P9PD-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	CP -Chicago Plenum ²
P9PD-P38-277¹	45-150W or Q150W PAR38, 277 Volt Input	F -Fuse and Fuse Holder
P9PD-P38-2773¹	Q250W PAR38, 277 Volt Input	

¹Magnetic transformer

²Consult factory for availability.

Dimensions³



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
817	Louver and Holder

³Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.



Prince George's County Memorial Library, Maryland, Gant Brunnett Architects; Karl Connolly Photography



Description

Multi-lamp LED fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

Features

- High output LED arrays provide outstanding reliability, performance and color quality/consistency
- 2700K, 3000K, 3500K or 4100K white phosphor high performance LEDs
- Dimmable via 0-10V controller • For a list of compatible dimmers see spec sheet
- Universal driver accommodates 120V to 277V input volts AC at 50/60Hz
- Rated for 50,000 hours at 70% lumen maintenance
- Aluminum die cast housing is removable for ease of maintenance and provides interchangeability of beam distributions and color temperatures
- Yoke assembly allows 355° rotation and up to 75° tilt of lamp housing and features rotation and tilt locking
- Heavy gauge cold rolled steel with white or black finish
- Mounting brackets have 3" vertical adjustment and accept proprietary TRU-LOCK bar hangers, 1-½" C-channel and flat linear bars (order as accessories) or 1-½" EMT, ¾" and 1-½" lathing channel (by others)
- Heavy gauge, white baked enamel trim flange
- UL listed for dry/damp locations
- ENERGY STAR® Qualified

Ordering Information Ordering Example: 1-Lamp – **DCS16-N-08-BL2**
 2-Lamp – **DCS16-FF-08-WH2**
 3-Lamp – **DCS16-SNS-08-BL2**

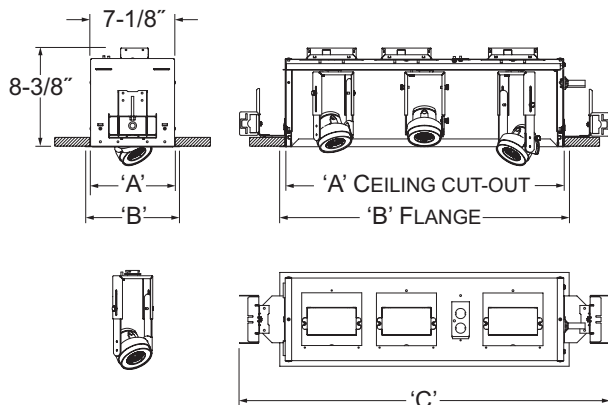
Catalog No.	Beam Spread <i>one per lamp</i> ¹	Lumens	Color Temp	Finish	Generation	Options
DCS16	S-Spot (12°)	08-800 Lumens	27-2700K	WH-White	2	***F-Fuse and Fuse Holder (where *** = voltage)
1, 2 & 3-Lamp LED	N-Narrow Flood (23°)		30-3000K	BL-Black		CP-Chicago Plenum ²
Designer Cove	F-Flood (34°)		35-3500K			HC-93 CRI Typical (3000K only)
MR16 Size	W-Wide Flood (53°)		40-4100K			LDI-Lumen Depreciation Indicator ²

¹See ordering examples for 1-, 2-, and 3-lamp units.

²Consult factory for availability.

See specification sheets for details on ordering rough-ins and heads separately.

Dimensions



# of Heads	Ceiling Cutout 'A'	Flange Trim 'B'	Dimension 'C'
1	7-1/4" x 7-1/4"	8" x 7-7/8"	15"
2	7-1/4" x 13-3/8"	8" x 14"	21"
3	7-1/4" x 23-3/4"	8" x 24-3/8"	31-1/2"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T7459BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Green Color Filter
T7477	Prismatic Spread Lens
T7478	Linear Spread Lens
T7421	Uniformity Lens



Description

Multi-lamp LED fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

Features

- High output LED arrays provide outstanding reliability, performance and color quality/consistency
- 2700K, 3000K, 3500K or 4100K white phosphor high performance LEDs
- Dimmable via 0-10V controller • For a list of compatible dimmers see spec sheet
- Universal driver accommodates 120V to 277V input volts AC at 50/60Hz
- Rated for 50,000 hours at 70% lumen maintenance
- Aluminum die cast housing is removable for ease of maintenance and provides interchangeability of beam distributions and color temperatures
- Yoke assembly allows 355° rotation and up to 75° tilt of lamp housing and features rotation and tilt locking
- Heavy gauge cold rolled steel with white or black finish
- Built-in plaster flange made of heavy gauge aluminum is framed into ceiling using drywall screws (provided) and preserves a trimless design
- UL listed for dry/damp locations
- ENERGY STAR® Qualified

Ordering Information Ordering Example: 1-Lamp – **DCS16-N-08-NT-BL2**
 2-Lamp – **DCS16-FF-08-NT-WH2**
 3-Lamp – **DCS16-SNS-08-NT-BL2**

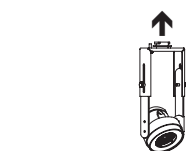
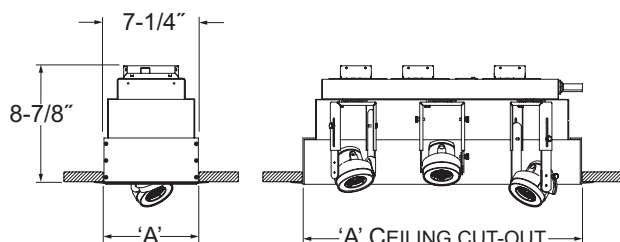
Catalog No.	Beam Spread <i>one per lamp</i> ¹	Lumens	Color Temp	No Trim	Finish	Generation	Options
DCS16	S-Spot (12°)	08-800 Lumens	27-2700K	NT	WH-White	2	***F-Fuse and Fuse Holder
1, 2 & 3-Lamp LED	N-Narrow Flood (23°)		30-3000K		BL-Black		(where *** = voltage)
Designer Cove	F-Flood (34°)		35-3500K				CP-Chicago Plenum ²
MR16 Size	W-Wide Flood (53°)		40-4100K				HC-93 CRI Typical (3000K only)
							LDI-Lumen Depreciation Indicator ²

¹See ordering examples for 1-, 2-, and 3-lamp units.

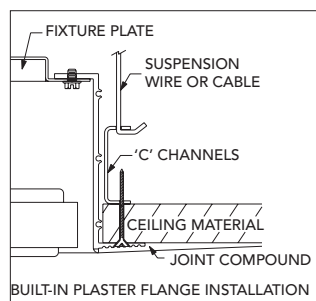
²Consult factory for availability.

See specification sheets for details on ordering rough-ins and heads separately.

Dimensions



# of Heads	Ceiling Cutout 'A'
1	7-3/8" x 9"
2	7-3/8" x 14-1/2"
3	7-3/8" x 21-1/4"



Accessories

Catalog No.	Description
T7459BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Green Color Filter
T7477	Prismatic Spread Lens
T7478	Linear Spread Lens
T7421	Uniformity Lens



Description

Multi-lamp LED fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

Features

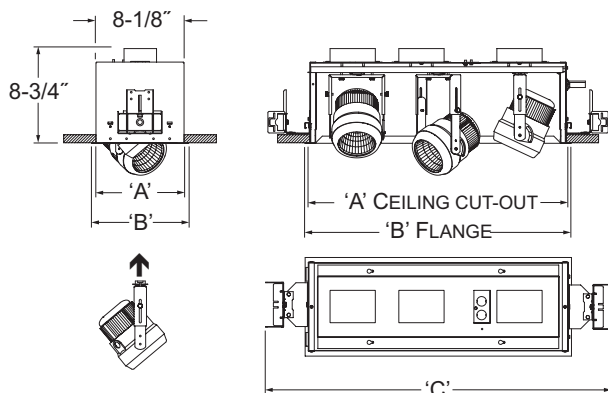
- High output LEDs provide outstanding reliability, performance and color quality/consistency
- 80 CRI standard, 90 and 97 CRI available
- 2700K, 3000K, 3500K or 4100K white phosphor high performance LEDs
- 120V dimming standard, operates with most reverse phase controllers
- Universal driver accommodates 120V to 277V input volts AC at 50/60Hz
- Rated for 50,000 hours at 70% lumen maintenance
- Aluminum die cast housing is removable for ease of maintenance and provides interchangeability of beam distributions and color temperatures
- Yoke assembly allows 360° rotation and up to 75° tilt of lamp housing and features rotation and tilt locking
- Heavy gauge cold rolled steel with white or black finish
- Mounting brackets have 3" vertical adjustment and accept proprietary TRU-LOCK bar hangers, 1-½" C-channel and flat linear bars (order as accessories) or 1-½" EMT, ¾" and 1-½" lathing channel (by others)
- Heavy gauge, white baked enamel trim flange
- UL listed for dry/damp locations
- ENERGY STAR® Qualified (See spec sheet for details)

Ordering Information Ordering Example: 1-Lamp – **DCS30-N-10301-BL3**
 2-Lamp – **DCS30-FF-10271-WH3**
 3-Lamp – **DCS30-SNS-10401-BL3**

Catalog No.	Beam Spread <i>one per lamp</i> ¹	Lumens	Color Temp	Voltage	Finish	Generation	Options
DCS30	S-Spot (10°)	10-1000 Lumens	27-2700K	1-120V	WH-White	3	***F -Fuse and Fuse Holder (where *** = voltage)
1, 2 & 3-Lamp LED	N-Narrow Flood (25°)	20-2000 Lumens	30-3000K	2-277V	BL-Black		CP -Chicago Plenum ²
Designer Cove	F-Flood (40°)	30-3000 Lumens	35-3500K	3-347V			LDI -Lumen Depreciation Indicator ²
PAR30 Size			40-4100K				90-90 CRI
							97-97 CRI (excludes 3500K)

¹See ordering examples for 1-, 2-, and 3-lamp units. ²Consult factory for availability.
 See specification sheets for details on ordering rough-ins and heads separately.

Dimensions



# of Heads	Ceiling Cut-out 'A'	Flange Trim 'B'	Dim. 'C'
1	8-1/4" x 8-1/4"	9" x 8-7/8"	16"
2	8-1/4" x 15-7/8"	9" x 16-1/2"	23-3/4"
3	8-1/4" x 23-3/4"	9" x 24-3/8"	31-1/2"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T569BL ³	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561 ³	Medium Pink Color Filter
T562 ³	Warm Red Color Filter
T563 ³	Daylight Blue Color Filter
T564 ³	Medium Blue Color Filter
T565 ³	Medium Amber Color Filter
T566 ³	Green Color Filter
T5677 ⁴	Prismatic Spread Lens
T5678 ⁴	Linear Spread Lens
T5618 ⁴	Color Correction Lens/UV Filter
T5621 ⁴	Uniformity Lens
T5623 ⁴	High Output Uniformity Lens

³Not for use with Chicago Plenum or 347V.

⁴Not for use with snoot or any other accessories.



Description

Multi-lamp LED fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

Features

- High output LEDs provide outstanding reliability, performance and color quality/consistency
- 80 CRI standard, 90 and 97 CRI available
- 2700K, 3000K, 3500K or 4100K white phosphor high performance LEDs
- 120V dimming standard, operates with most reverse phase controllers
- Universal driver accommodates 120V to 277V input volts AC at 50/60Hz
- Rated for 50,000 hours at 70% lumen maintenance
- Aluminum die cast housing is removable for ease of maintenance and provides interchangeability of beam distributions and color temperatures
- Yoke assembly allows 360° rotation and up to 75° tilt of lamp housing and features rotation and tilt locking
- Heavy gauge cold rolled steel with white or black finish
- Built-in plaster flange made of heavy gauge aluminum is framed into ceiling using drywall screws (provided) and preserves a trimless design
- UL listed for dry/damp locations
- ENERGY STAR® Qualified (See spec sheet for details)

Ordering Information Ordering Example: 1-Lamp – **DCS30-N-10301-NT-BL3**
 2-Lamp – **DCS30-FF-10271-NT-WH3**
 3-Lamp – **DCS30-SNS-10401-NT-BL3**

Catalog No.	Beam Spread <i>one per lamp</i> ¹	Lumens	Color Temp	Voltage	No Trim	Finish	Generation	Options
DCS30	S-Spot (10°)	10[†]-1000	27-2700K	1-120V	NT	WH-White	3	***F-Fuse and
1, 2 & 3-Lamp LED	N-Narrow Flood (25°)	Lumens	30-3000K	2-277V		BL-Black		Fuse Holder
Designer Cove	F-Flood (40°)	20-2000	35-3500K	3-347V				(where *** = voltage)
PAR30 Size		Lumens	40-4100K					LDI-Lumen
		30-3000						Depreciation
		Lumens						Indicator ²
								90-90 CRI
								97-97 CRI
								(excludes 3500K)

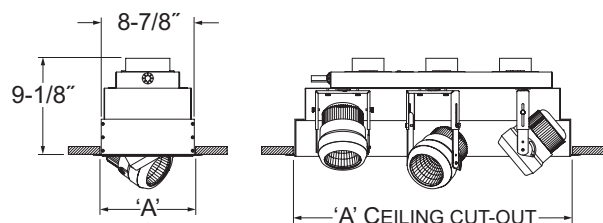
[†]ENERGY STAR® Qualified.

¹See ordering examples for 1-, 2-, and 3-lamp units.

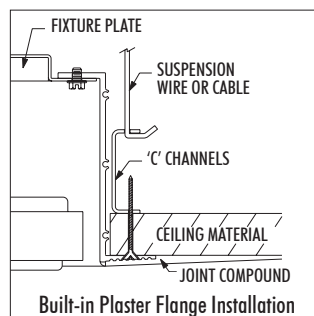
²Consult factory for availability.

See specification sheets for details on ordering rough-ins and heads separately.

Dimensions



# of Heads	Ceiling Cut-out 'A'
1	9" x 9"
2	9" x 17-3/4"
3	9" x 26-1/4"



Accessories

Catalog No.	Description
T569BL ³	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561 ³	Medium Pink Color Filter
T562 ³	Warm Red Color Filter
T563 ³	Daylight Blue Color Filter
T564 ³	Medium Blue Color Filter
T565 ³	Medium Amber Color Filter
T566 ³	Green Color Filter
T5677 ⁴	Prismatic Spread Lens
T5678 ⁴	Linear Spread Lens
T5618 ⁴	Color Correction Lens/UV Filter
T5621 ⁴	Uniformity Lens
T5623 ⁴	High Output Uniformity Lens

³Not for use with Chicago Plenum or 347V.

⁴Not for use with snoot or any other accessories.



Description

Multi-lamp CMH fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 45° tilt and 355° rotation
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • T4 Mini – Twist and lock GU6.5 base • BT5 – Twist and lock PGJ5 base
- Open design facilitates narrow ceiling cutout
- Mounting brackets are heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: 1-Lamp – **DCT4-N-20H-BL**
 2-Lamp – **DCT4-SS-20H-BL**
 3-Lamp – **DCT4-FSF-20H-BL**

Catalog No.	Beam Spread <i>one per lamp</i> ¹	Wattage/Lamp	Finish	Options
DCT4 T4/T4.5 MH Lamp G8.5 base	S -Spot (10°) N -Narrow Flood (27°) F -Flood (40°)	20H -20W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast 20H1 -20W BT5 lamp, 120V Electronic Ballast, DCBT only 39H -39W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast 70H -70W T4/4.5 MH lamp 120/277V Electronic Ballast	WH -White BL -Black	347 -347 Volt ² ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ² SR -Semi-recessed
DCTM ³ T4 Mini MH Lamp GU6.5 base				
DCBT ⁴ BT5 MH Lamp PGJ5 base				

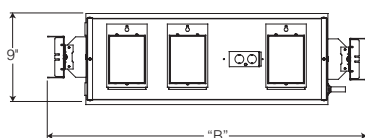
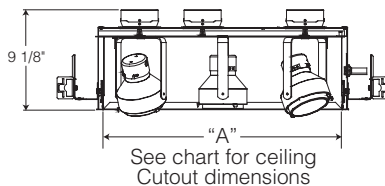
¹See ordering examples for 1-, 2-, and 3-lamp units.

²Consult factory for availability.

³GE Mini T4.

⁴Philips Mini Master Color® CDM-Tm.

Dimensions



# of Lamps	Ceiling Cutout	A	B
3	23 3/4" x 8 1/4"	23 5/8"	31 1/2"
2	15 7/8" x 8 1/4"	15 3/4"	23 5/8"
1	8 1/4" x 8 1/4"	8 1/8"	16"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T569BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561	Pink Color Filter
T562	Red Color Filter
T563	Light Blue Color Filter
T564	Medium Blue Color Filter
T565	Medium Amber Color Filter
T566	Green Color Filter
T5677	Prismatic Spread Lens
T5678	Linear Spread Lens
T5619	Color Correction Lens/UV Filter
T5622	UV Filter



Description

Multi-lamp CMH fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

Features

- Universal housing design installs in plaster or drywall ceilings
- Up to 45° tilt and 355° rotation
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • T4 Mini – Twist and lock GU6.5 base • BT5 – Twist and lock PGJ5 base
- Open design facilitates narrow ceiling cutout
- Housing is cold rolled steel, black or white
- Built-in plaster flange made of heavy gauge aluminum is framed into ceiling using drywall screws (provided) and preserves a trimless design
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: 1-Lamp – **DCT4-N-20H-NT-BL**
 2-Lamp – **DCT4-SS-20H-NT-BL**
 3-Lamp – **DCT4-FSF-20H-NT-BL**

Catalog No.	Beam Spread <i>one per lamp</i> ¹	Wattage/Lamp	Finish	Options
DCT4 T4/T4.5 MH Lamp G8.5 base	S -Spot (10°) N -Narrow Flood (27°) F -Flood (40°)	20H-NT -20W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast 20H1-NT -20W BT5 lamp, 120V Electronic Ballast, DCBT only 39H-NT -39W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast 70H-NT -70W T4/4.5 MH lamp, 120/277V Electronic Ballast	WH -White BL -Black	347 -347 Volt ² ***F -Fuse and Fuse Holder (where *** = voltage) SR -Semi-recessed
DCTM ³ T4 Mini MH Lamp GU6.5 base				
DCBT ⁴ BT5 MH Lamp PGJ5 base				

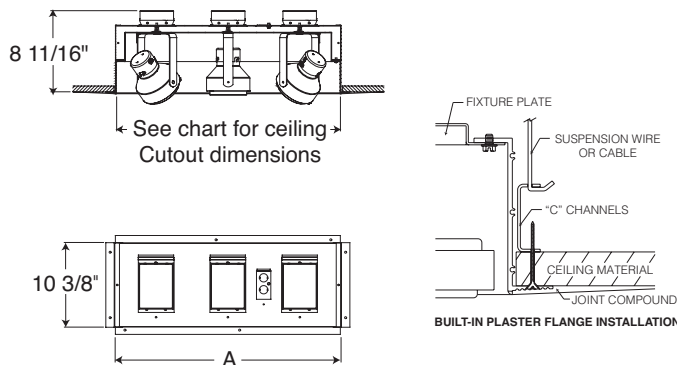
¹See ordering examples for 1-, 2-, and 3-lamp units.

²Consult factory for availability.

³GE Mini T4.

⁴Philips Mini Master Color® CDM-Tm.

Dimensions



# of Lamps	Ceiling Cutout	A
3	26" x 9"	28"
2	17 1/2" x 9"	19 1/4"
1	8 7/8" x 9"	8 3/8"

Accessories

Catalog No.	Description
T569BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561	Pink Color Filter
T562	Red Color Filter
T563	Light Blue Color Filter
T564	Medium Blue Color Filter
T565	Medium Amber Color Filter
T566	Green Color Filter
T5677	Prismatic Spread Lens
T5678	Linear Spread Lens
T5619	Color Correction Lens/UV Filter
T5622	UV Filter



Description

Multi-lamp CMH fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 45° tilt and 355° rotation
- Lamp Holder: G12 socket with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- Open design facilitates narrow ceiling cutout
- Mounting brackets are heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

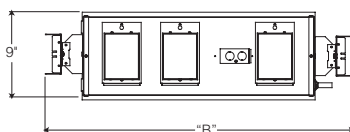
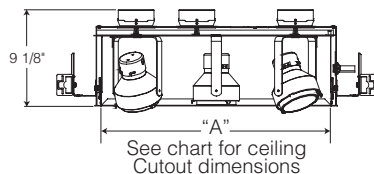
Ordering Information Ordering Example: 1-Lamp – **DCT6-N-70H-WH**
 2-Lamp – **DCT6-SS-70H-WH**
 3-Lamp – **DCT6-FSF-70H-WH**

Catalog No.	Beam Spread <i>one per lamp</i> ¹	Wattage/Lamp	Finish	Options
DCT6 T6/T4.5 MH Lamp G12 base	S -Spot (10°) N -Narrow Flood (27°) F -Flood (40°)	20H -20W T4.5 MH lamp, 120/277V Electronic Ballast 39H -39W T6 MH lamp, 120/277V Electronic Ballast 70H -70W T6 MH lamp, 120/277V Electronic Ballast	WH -White BL -Black	347 -347 Volt ² ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ² SR -Semi-recessed

¹See ordering examples for 1-, 2-, and 3-lamp units.

²Consult factory for availability.

Dimensions



# of Lamps	Ceiling Cutout	A	B
3	23 3/4" x 8 1/4"	23 5/8"	31 1/2"
2	15 7/8" x 8 1/4"	15 3/4"	23 5/8"
1	8 1/4" x 8 1/4"	8 1/8"	16"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T569BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561	Pink Color Filter
T562	Red Color Filter
T563	Light Blue Color Filter
T564	Medium Blue Color Filter
T565	Medium Amber Color Filter
T566	Green Color Filter
T5677	Prismatic Spread Lens
T5678	Linear Spread Lens
T5619	Color Correction Lens/UV Filter
T5622	UV Filter



Description

Multi-lamp CMH fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

Features

- Universal housing design installs in plaster or drywall ceilings
- Up to 45° tilt and 355° rotation
- Lamp Holder: G12 socket with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- Open design facilitates narrow ceiling cutout
- Housing is cold rolled steel, black or white
- Built-in plaster flange made of heavy gauge aluminum is framed into ceiling using drywall screws (provided) and preserves a trimless design
- UL/C-UL Listed for damp locations

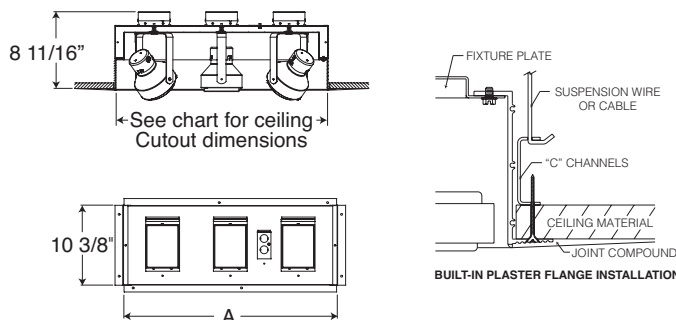
Ordering Information Ordering Example: 1-Lamp – **DCT6-N-39H-NT-BL**
 2-Lamp – **DCT6-SS-39H-NT-BL**
 3-Lamp – **DCT6-FSF-39H-NT-BL**

Catalog No.	Beam Spread <i>one per lamp</i> ¹	Wattage/Lamp	Finish	Options
DCT6 T6/T4.5 MH Lamp G12 base	S -Spot (10°) N -Narrow Flood (27°) F -Flood (40°)	20H-NT -20W T4.5 MH lamp, 120/277V Electronic Ballast 39H-NT -39W T6 MH lamp, 120/277V Electronic Ballast 70H-NT -70W T6 MH lamp, 120/277V Electronic Ballast	WH -White BL -Black	347 -347 Volt ² ***F -Fuse and Fuse Holder (where *** = voltage) SR -Semi-recessed

¹See ordering examples for 1-, 2-, and 3-lamp units.

²Consult factory for availability.

Dimensions



# of Lamps	Ceiling Cutout	A
3	26" x 9"	28"
2	17 1/2" x 9"	19 1/4"
1	8 7/8" x 9"	8 3/8"

Accessories

Catalog No.	Description
T569BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561	Pink Color Filter
T562	Red Color Filter
T563	Light Blue Color Filter
T564	Medium Blue Color Filter
T565	Medium Amber Color Filter
T566	Green Color Filter
T5677	Prismatic Spread Lens
T5678	Linear Spread Lens
T5619	Color Correction Lens/UV Filter
T5622	UV Filter



Description

Metal halide PAR lamps combine energy efficiency with punch to illuminate merchandise, displays and art.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 45° tilt and 355° rotation; adjustable yoke
- Open design facilitates narrow ceiling cutout
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Mounting brackets are heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for damp locations

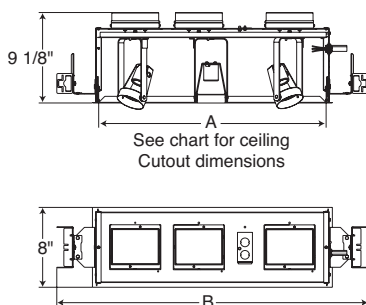
Ordering Information

Ordering Example: **DC201-39EMH-BL-120F**

Catalog No.	Description	Interior Finish	Options
DC201-39EMH	1 Lamp: 39W PAR20 MH, 120/277V Electronic Ballasts	WH-White	347-347 Volt ¹
DC202-39EMH	2 Lamp: 39W PAR20 MH, 120/277V Electronic Ballasts	BL-Black	***F-Fuse and Fuse Holder
DC203-39EMH	3 Lamp: 39W PAR20 MH, 120/277V Electronic Ballasts		(where *** = voltage)
			CP-Chicago Plenum ¹

¹Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

# of Lamps	Lamp Type	Ceiling Cutout	A	B
3	PAR20	23 3/4" x 7 1/4"	23 5/8"	31 1/2"
2	PAR20	13 3/8" x 7 1/4"	13 1/4"	21 1/8"
1	PAR20	7 1/4" x 7 1/4"	7 1/8"	15"



Description

Metal halide PAR lamps combine energy efficiency with punch to illuminate merchandise, displays and art.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 45° tilt and 355° rotation; adjustable yoke
- Open design facilitates narrow ceiling cutout
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Mounting brackets are heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for damp locations

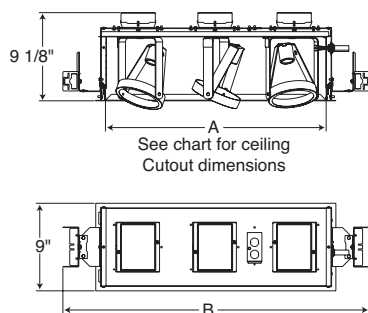
Ordering Information

Ordering Example: **DC301-39EMH-BL-120F**

Catalog No.	Description	Interior Finish	Options
DC301-39EMH	1 Lamp: 39W PAR30L MH, 120/277V Electronic Ballast	WH-White	347-347 Volt ¹
DC302-39EMH	2 Lamp: 39W PAR30L MH, 120/277V Electronic Ballasts	BL-Black	***F-Fuse and Fuse Holder
DC303-39EMH	3 Lamp: 39W PAR30L MH, 120/277V Electronic Ballasts		(where *** = voltage)
DC301-70EMH	1 Lamp: 70W PAR30L MH, 120/277V Electronic Ballasts		CP-Chicago Plenum ¹
DC302-70EMH	2 Lamp: 70W PAR30L MH, 120/277V Electronic Ballasts		
DC303-70EMH	3 Lamp: 70W PAR30L MH, 120/277V Electronic Ballasts		
DC381-70EMH	1 Lamp: 70W PAR38 MH, 120/277V Electronic Ballasts		
DC382-70EMH	2 Lamp: 70W PAR38 MH, 120/277V Electronic Ballasts		
DC383-70EMH	3 Lamp: 70W PAR38 MH, 120/277V Electronic Ballasts		
DC381-100EMH	1 Lamp: 70W PAR38 MH, 120/277V Electronic Ballasts		
DC382-100EMH	2 Lamp: 70W PAR38 MH, 120/277V Electronic Ballasts		
DC383-100EMH	3 Lamp: 70W PAR38 MH, 120/277V Electronic Ballasts		

¹Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

# of Lamps	Lamp Type	Ceiling Cutout	A	B
3	PAR30/38	23 3/4" x 8 1/4"	23 5/8"	31 1/2"
2	PAR30/38	15 7/8" x 8 1/4"	15 3/4"	23 5/8"
1	PAR30/38	8 1/4" x 8 1/4"	8 1/8"	16"



Description

MR16 multi-lamp fixtures provide dazzle to displays, merchandise and art with a wide array of optical accessories.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 35° tilt and 360° rotation with gimbal ring
- Open design facilitates narrow ceiling cutout
- Single remote magnetic transformer controls all lamps, mounts with bar hangers
- Mini bi-pin lampholder with 350° C leads
- Clear tempered glass lamp guard
- Mounting frame is heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for damp locations

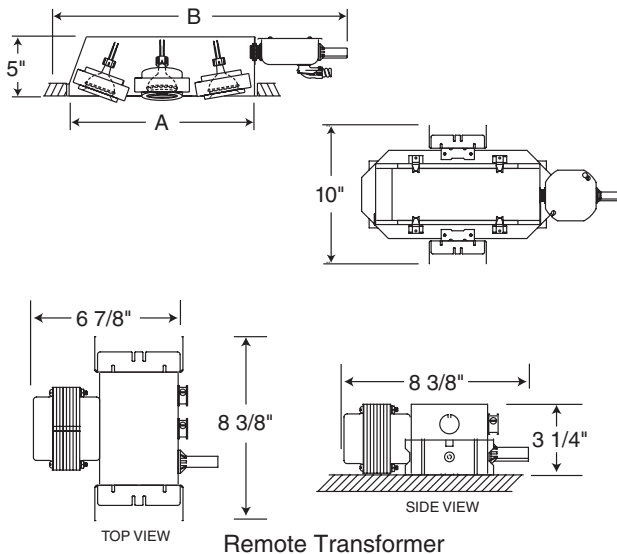
Ordering Information

Ordering Example: **DC161-WH-F**

Catalog No.	Description	Interior Finish	Options
DC161	1 Lamp: 12V, 20-50W MR16. 120V Input	WH -White	277 -277 Volt
DC162	2 Lamps: 12V, 20-50W MR16. 120V Input	BL -Black	F -Fuse and Fuse Holder
DC163	3 Lamps: 12V, 20-50W MR16. 120V Input		CP -Chicago Plenum ¹

¹Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL ²	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52 ²	52" C-Channel Bar Hangers, Pair
HB-28 ²	28" C-Channel Bar Hangers, Pair
LB-27 ²	27" Linear Bar Hangers, Pair
HCL16	Hexcell Louver
PCF16 ³	Pink Color Filter
RCF16 ³	Red Color Filter
LBCF16 ³	Light Blue Color Filter
MBCF16 ³	Medium Blue Color Filter
ACF16 ³	Amber Color Filter
GCF16 ³	Green Color Filter
HB-4	Bar Hanger conversion kit for wooden joists

²Two pairs of bar hangers required; one for remote transformer mounting, one for fixture mounting (2 and 3 LT fixtures only.)

³Two optical accessories maximum.

# of Lamps	Ceiling Cutout	A	B
3	12 3/8" x 4 1/2"	11 1/2"	18 1/2"
2	8 5/8" x 4 1/2"	7 3/4"	14 3/4"
1	4 3/4" x 4 1/2"	3 7/8"	11"



Description

Ideal for applications that require independent switching or dimming for each lamp.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 35° tilt and 360° rotation with gimbal ring
- Open design facilitates narrow ceiling cutout
- Integral magnetic transformers, one per lamp, provide the ability to switch sources independently
- Mini bi-pin lampholder with 350° C leads
- Clear tempered glass lamp guard
- Mounting frame is heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Ordering Information

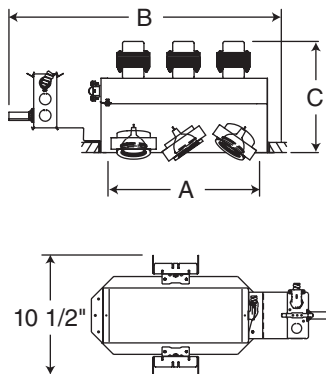
Ordering Example: **DCX161-BL-F**

Catalog No.	Description	Interior Finish	Options
DCX161	1 Lamp: 12V, 50-75W MR16. 120V Input	WH -White	277 -277 Volt
DCX162	2 Lamp: 12V, 50-75W MR16. 120V Input	BL -Black	F -Fuse and Fuse Holder
DCX163	3 Lamp: 12V, 50-75W MR16. 120V Input		CP -Chicago Plenum ¹
			20W ² -20W Transformer per MR16 lamp

¹Consult factory for availability.

²Std. trans. operates 50-75W MR16 lamp. "-20W" trans. operates 20-50W MR16 lamp.

Dimensions



# of Lamps	Ceiling Cutout	A	B	C
3	13 1/8" x 5"	12 1/8"	20 5/8"	8 1/2"
2	9 1/4" x 5"	8 3/8"	16 7/8"	8 1/2"
1	5 1/2" x 5"	4 1/2"	13"	6 5/8"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HCL16 ³	Hexcell Louver
PCF16 ³	Pink Color Filter
RCF16 ³	Red Color Filter
LBCF16 ³	Light Blue Color Filter
MBCF16 ³	Medium Blue Color Filter
ACF16 ³	Amber Color Filter
GCF16 ³	Green Color Filter
HB-4	Bar Hanger conversion kit for wooden joists

³Two optical accessories maximum.



Description

MR16 multi-lamp fixtures provide dazzle to displays, merchandise and art with a wide array of optical accessories.

Features

- Universal housing design installs in plaster, or drywall ceilings
- Up to 35° tilt and 360° rotation with gimbal ring
- Open design facilitates narrow ceiling cutout
- Single remote magnetic transformer controls all lamps, mounts with bar hangers
- Mini bi-pin lampholder with 350° C leads
- Clear tempered glass lamp guard
- Remote transformer mounting frame is heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Built-in plaster flange made of heavy gauge aluminum is framed into ceiling using drywall screws (provided) and preserves a trimless design
- UL/C-UL Listed for damp locations

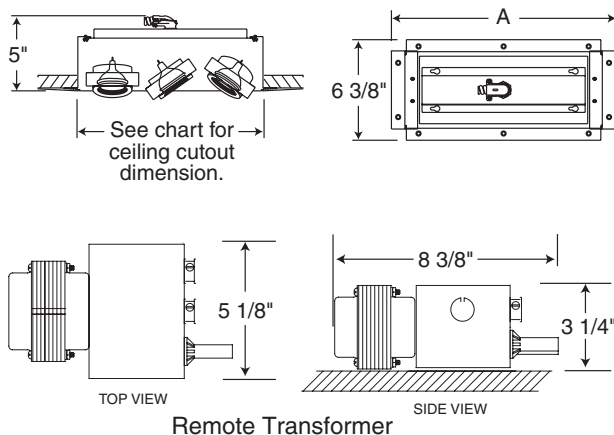
Ordering Information

Ordering Example: **DC161-NT-WH-277-F**

Catalog No.	Description	Interior Finish	Options
DC161-NT	1 Lamp: 12V, 20-50W MR16. 120V Input	WH-White	277-277 Volt
DC162-NT	2 Lamp: 12V, 20-50W MR16. 120V Input	BL-Black	F-Fuse and Fuse Holder
DC163-NT	3 Lamp: 12V, 20-50W MR16. 120V Input		

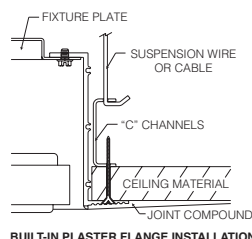
¹Consult factory for availability.

Dimensions



Remote Transformer

# of Lamps	Ceiling Cutout	A
3	13" x 5"	15"
2	8 7/8" x 5"	10 7/8"
1	4 5/8" x 5"	6 5/8"



BUILT-IN PLASTER FLANGE INSTALLATION

Accessories

Catalog No.	Description
HB-TL ²	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52 ²	52" C-Channel Bar Hangers, Pair
HB-28 ²	28" C-Channel Bar Hangers, Pair
LB-27 ²	27" Linear Bar Hangers, Pair
HCL16	Hexcell Louver
PCF16 ³	Pink Color Filter
RCF16 ³	Red Color Filter
LBCF16 ³	Light Blue Color Filter
MBCF16 ³	Medium Blue Color Filter
ACF16 ³	Amber Color Filter
GCF16 ³	Green Color Filter

²Bar hangers required for remote transformer mounting (2 and 3 LT fixtures only.)

³Two optical accessories maximum.



Description

PAR incandescent lamps provide “instant on” and great color rendering in an economical package to highlight merchandise and art.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 45° tilt and 355° rotation; adjustable yoke
- Open design facilitates narrow ceiling cutout
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Mounting brackets are heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

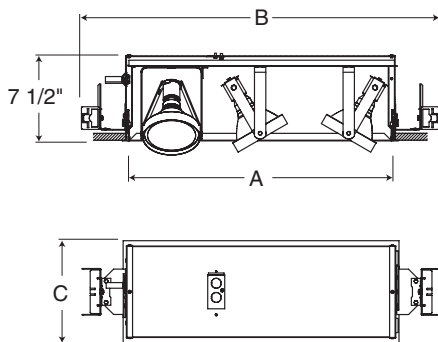
Ordering Example: **DC201-BL-F**

Catalog No.	Description	Interior Finish	Options
DC201	1 Lamp: 50W PAR20, 120V Input	WH-White	277 ¹ -277 Volt
DC202	2 Lamp: 50W PAR20, 120V Input	BL-Black	F-Fuse and Fuse Holder
DC203	3 Lamp: 50W PAR20, 120V Input		CP-Chicago Plenum ²
DC301	1 Lamp: 50-75W PAR30, 120V Input		
DC302	2 Lamp: 50-75W PAR30, 120V Input		
DC303	3 Lamp: 50-75W PAR30, 120V Input		
DC381	1 Lamp: 45-150W PAR38, 120V Input		
DC382	2 Lamp: 45-150W PAR38, 120V Input		
DC383	3 Lamp: 45-150W PAR38, 120V Input		

¹For 277V, single remote magnetic transformer controls all lamps; mounts with bar hangers.

²Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL ³	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52 ³	52" C-Channel Bar Hangers, Pair
HB-28 ³	28" C-Channel Bar Hangers, Pair
LB-27 ³	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

³Two pairs of bar hangers required with 277V or option; one for remote transformer mounting, one for fixture mounting.

# of Lamps	Lamp Type	Ceiling Cutout	A	B	C
3	PAR20/30	23 3/4" x 7 1/4"	23 5/8"	31 1/2"	8"
	PAR38	23 3/4" x 8 1/4"	23 5/8"	31 1/2"	9"
2	PAR20/30	13 3/8" x 7 1/4"	13 1/4"	21 1/8"	8"
	PAR38	15 7/8" x 8 1/4"	15 3/4"	23 5/8"	9"
1	PAR20/30	7 1/4" x 7 1/4"	7 1/8"	15"	8"
	PAR38	8 1/4" x 8 1/4"	8 1/8"	16"	9"



Description

PAR incandescent lamps provide “instant on” and great color rendering in an economical package to highlight merchandise and art.

Features

- Universal housing design installs in plaster, or drywall ceilings
- Up to 45° tilt and 355° rotation; adjustable yoke
- Open design facilitates narrow ceiling cutout
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Housing is cold rolled steel, black or white
- Built-in plaster flange made of heavy gauge aluminum is framed into ceiling using drywall screws (provided) and preserves a trimless design
- UL/C-UL Listed for damp locations

Ordering Information

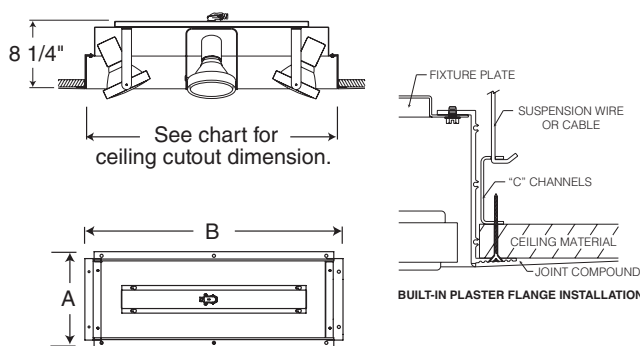
Ordering Example: **DC201-NT-BL-F**

Catalog No.	Description	Interior Finish	Options
DC201-NT	1 Lamp: 50W PAR20, 120V Input	WH-White	277 ¹ -277 Volt
DC202-NT	2 Lamp: 50W PAR20, 120V Input	BL-Black	F-Fuse and Fuse Holder
DC203-NT	3 Lamp: 50W PAR20, 120V Input		
DC301-NT	1 Lamp: 50-750W PAR30, 120V Input		
DC302-NT	2 Lamp: 50-750W PAR30, 120V Input		
DC303-NT	3 Lamp: 50-750W PAR30, 120V Input		
DC381-NT	1 Lamp: 45-150W PAR38, 120V Input		
DC382-NT	2 Lamp: 45-150W PAR38, 120V Input		
DC383-NT	3 Lamp: 45-150W PAR38, 120V Input		

¹For 277V option, single remote magnetic transformer controls all lamps; mounts with bar hangers.

²Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL ³	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52 ³	52" C-Channel Bar Hangers, Pair
HB-28 ³	28" C-Channel Bar Hangers, Pair
LB-27 ³	27" Linear Bar Hangers, Pair

³Bar hangers required with 277V option; for remote transformer mounting.

# of Lamps	Lamp Type	Ceiling Cutout	A	B
3	PAR20	21 1/8" x 7 3/8"	8 3/4"	23 1/8"
	PAR30/38	26" x 9"	10 3/8"	28"
2	PAR20	14 1/4" x 7 3/8"	8 3/4"	16"
	PAR30/38	17 1/2" x 9"	10 3/8"	19 1/4"
1	PAR20	8 7/8" x 7 3/8"	8 3/4"	6 3/4"
	PAR30/38	8 7/8" x 9"	10 3/8"	8 3/8"



LED | Multi-Spot®

800 Lumens LED Multi-Lamp Recessed Adjustables



Description

Multi-lamp LED fixture provides dazzle to displays, merchandise, and art with a wide array of optical accessories.

Features

- High output LED arrays provide outstanding reliability, performance and color quality/consistency
- 2700K, 3000K, 3500K or 4100K white phosphor high performance LEDs
- Dimmable via 0-10V controller • For a list of compatible dimmers see spec sheet
- Universal driver accommodates 120 to 277 input volts AC at 50/60Hz • Power factor >0.9 • Easily replaceable from below or above the ceiling
- Rated for 50,000 hours at 70% lumen maintenance
- Aluminum die cast housing is removable for ease of maintenance and provides interchangeability of beam distributions and color temperatures
- 45° vertical aiming capability and 360° horizontal rotation
- Heavy gauge steel
- Universal housing design installs in suspended grid, plaster or drywall
- Mounting brackets have 2.5" vertical adjustment and accept proprietary Tru-Lock bar hangers, 1-1/2" C-channel and flat linear bars (order as accessories) or 1-1/2" EMT, 3/4" and 1-1/2" lathing channel (by others)
- UL listed for dry/damp locations
- ENERGY STAR® Qualified

Ordering Information Ordering Example: 1-Lamp – **MSS16-N-08-BL2**
 2-Lamp – **MSS16-FF-08-WH2**
 3-Lamp – **MSS16-SNS-08-BL2**

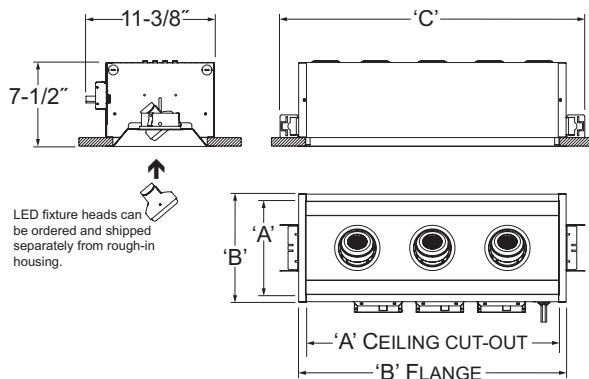
Catalog No.	Beam Spread <i>one per lamp¹</i>	Lumens	Color Temp	Finish	Generation	Options
MSS16	S-Spot (12°)	08-800 Lumens	27-2700K	WH-White	2	***F-Fuse and Fuse Holder
1, 2 & 3-Lamp	N-Narrow Flood (23°)		30-3000K	BL-Black		(where *** = voltage)
LED Multi-Spot	F-Flood (34°)		35-3500K			CP-Chicago Plenum²
MR16 Size	W-Wide Flood (53°)		40-4100K			LDI-Lumen Depreciation Indicator²

¹See ordering examples for 1-, 2-, and 3-lamp units.

²Consult factory for availability.

See specification sheets for details on ordering rough-ins and heads separately.

Dimensions



# of Heads	Ceiling Cutout 'A'	Flange Trim 'B'	Dimension 'C'
1	8-1/2" x 8-5/8"	9-1/2" x 9-5/8"	12-7/8"
2	8-1/2" x 13-5/8"	9-1/2" x 14-5/8"	17-7/8"
3	8-1/2" x 22-5/8"	9-1/2" x 23-5/8"	26-7/8"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T7459BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Green Color Filter
T7477	Prismatic Spread Lens
T7478	Linear Spread Lens
T7421	Uniformity Lens



Description

Multi-lamp LED fixture provides dazzle to displays, merchandise, and art with a wide array of optical accessories.

Features

- High output LEDs provide outstanding reliability, performance and color quality/consistency
- 80 CRI standard, 90 and 97 CRI available
- 2700K, 3000K, 3500K or 4100K white phosphor high performance LEDs
- 120V dimming standard, operates with most reverse phase controllers
- Universal driver accommodates 120 to 277 input volts AC at 50/60Hz • Power factor >0.9 • Easily replaceable from below or above the ceiling
- Rated for 50,000 hours at 70% lumen maintenance
- Aluminum die cast housing is removable for ease of maintenance and provides interchangeability of beam distributions and color temperatures
- 40° vertical aiming capability and 360° horizontal rotation
- Heavy gauge steel
- Universal housing design installs in suspended grid, plaster or drywall
- Mounting brackets have 2.5" vertical adjustment and accept proprietary Tru-Lock bar hangers, 1-1/2" C-channel and flat linear bars (order as accessories) or 1-1/2" EMT, 3/4" and 1-1/2" lathing channel (by others)
- UL listed for dry/damp locations • ENERGY STAR® Qualified (See spec sheet for details)

Ordering Information Ordering Example: 1-Lamp – **MSS30-N-1030-BL3**
 2-Lamp – **MSS30-FF-1027-WH3**
 3-Lamp – **MSS30-SNS-1040-BL3**

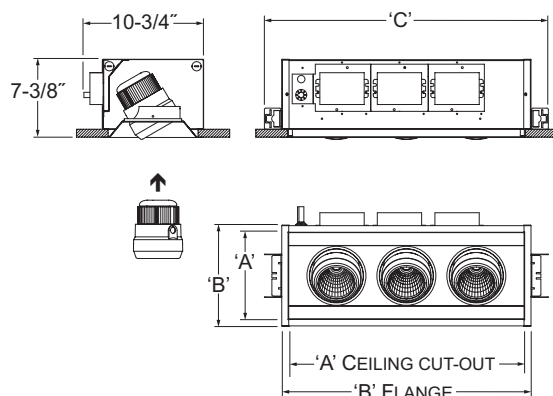
Catalog No.	Beam Spread <i>one per lamp</i> ¹	Lumens	Color Temp	Voltage	Finish	Generation	Options
MSS30	S-Spot (10°)	10-1000 Lumens	27-2700K	1-120V	WH-White	3	***F-Fuse and Fuse Holder (where *** = voltage)
1, 2 & 3-Lamp	N-Narrow Flood (25°)	20-2000 Lumens	30-3000K	2-277V	BL-Black		CP-Chicago Plenum ²
LED Multi-Spot	F-Flood (40°)	30-3000 Lumens	35-3500K	3-347V			LDI-Lumen Depreciation Indicator ²
PAR30 Size			40-4100K				90-90 CRI 97-97 CRI (excludes 3500K)

¹See ordering examples for 1-, 2-, and 3-lamp units.

²Consult factory for availability.

See specification sheets for details on ordering rough-ins and heads separately.

Dimensions



# of Heads	Ceiling Cut-out 'A'	Dim. 'B'	Dim. 'C'
1	8-1/2" x 8-5/8"	9-1/2" x 9-5/8"	12-7/8"
2	8-1/2" x 13-5/8"	9-1/2" x 14-5/8"	16"
3	8-1/2" x 22-5/8"	9-1/2" x 23-5/8"	23-1/8"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T569BL ³	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561 ³	Medium Pink Color Filter
T562 ³	Warm Red Color Filter
T563 ³	Daylight Blue Color Filter
T564 ³	Medium Blue Color Filter
T565 ³	Medium Amber Color Filter
T566 ³	Green Color Filter
T5677 ⁴	Prismatic Spread Lens
T5678 ⁴	Linear Spread Lens
T5618 ⁴	Color Correction Lens/UV Filter
T5621 ⁴	Uniformity Lens
T5623 ⁴	High Output Uniformity Lens

³Not for use with Chicago Plenum or 347V.

⁴Not for use with snoot or any other accessories.



Description

Multi-lamp LED Retro Fit kit provides dazzle to displays, merchandise, and art. Available in 1-, 2-, and 3-lamp designs

Features

- Kit includes: Complete LED head, driver plate with pre-wired drivers, access doors with thermal protectors and wire assemblies with quick connects
- High output LED arrays provide outstanding reliability, performance and color quality/consistency
- 2700K, 3000K, 3500K or 4100K color temperatures
- 80 CRI standard, 90 and 97 CRI available
- Dimmable via 0-10V protocol, increasing efficiency up to 30% while dimming
- Universal driver accommodates 120 to 277 input volts AC at 50/60Hz • Power factor >0.9 • Easily replaceable from below or above the ceiling
- Rated for 50,000 hours at 70% lumen maintenance
- Cast aluminum housing is removable for ease of maintenance and provides interchangeability of beam distributions and color temperatures
- 40° vertical aiming capability and 360° horizontal rotation
- UL listed for dry/damp locations

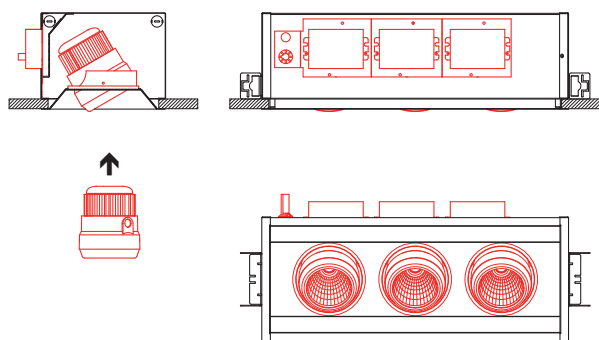
Ordering Information Ordering Example: 1-Lamp – **MSSRT30-N-2030-BL2**
 2-Lamp – **MSSRT30-FF-2027-WH2**
 3-Lamp – **MSSRT30-SNS-2040-BL2**

Catalog No.	Beam Spread <i>one per lamp¹</i>	Lumens	Color Temp	Finish	Generation	Options
MSSRT30	S-Spot (10°)	20-2000 Lumens	27-2700K	WH-White	3	***F-Fuse and Fuse Holder
1, 2 & 3-Lamp	N-Narrow Flood (27°)	30-3000 Lumens	30-3000K	BL-Black		(where *** = voltage)
LED Multi-Spot	F-Flood (40°)		35-3500K			347-347 Volt²
PAR30 Size			40-4100K			90-90 CRI
						97-97 CRI (excludes 3500K)

¹See ordering examples for 1-, 2-, and 3-lamp units.

²Consult factory for availability.

Dimensions



Retro Fit Components in RED

Accessories

Catalog No.	Description
1086BK ³	Black Snoot
1086WH ³	White Snoot
T569BL ³	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561 ³	Medium Pink Color Filter
T562 ³	Warm Red Color Filter
T563 ³	Daylight Blue Color Filter
T564 ³	Medium Blue Color Filter
T565 ³	Medium Amber Color Filter
T566 ³	Green Color Filter
T5677 ⁴	Prismatic Spread Lens
T5678 ⁴	Linear Spread Lens
T5621 ⁴	Uniformity Lens
T5623 ⁴	High Output Uniformity Lens

³Not for use with 347V.

⁴Not for use with snoot or any other accessories.



Description

Multi-lamp CMH fixture provides dazzle to displays, merchandise, and art with a wide array of optical accessories.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 34° tilt (45° if snoot is not used) and 360° rotation
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • T4 Mini – Twist and lock GU6.5 base • BT5 – Twist and lock PGJ5 base
- Each lampholder is individually aimable
- Integral accessory holder and metal snoot for improved lamp shielding; can be combined with accessory louver and/or accessory color filters
- Wireway access cover speeds electrical installation
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for through-branch wiring, damp locations, and IP

Ordering Information Ordering Example: 1-Lamp – **MSBT-N-20H1-BL**
 2-Lamp – **MSBT-SS-20H1-BL**
 3-Lamp – **MSBT-FSF-20H1-BL**

Catalog No.	Beam Spread <i>one per lamp</i> ¹	Wattage/Lamp	Finish	Options
MST4 T4/4.5 MH Lamp G8.5 base	S-Spot (10°) N-Narrow Flood (27°) F-Flood (40°)	20H-20W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast 20H1-20W BT5 lamp, 120V Electronic Ballast, MSBT only 39H-39W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast 70H-70W T4/4.5 MH lamp, 120/277V Electronic Ballast	WH-White BL-Black	347-347 Volt ² ***F-Fuse and Fuse Holder (where *** = voltage) CP-Chicago Plenum ²
MSTM ³ T4 Mini MH Lamp GU6.5 base				
MSBT ⁴ BT5 MH Lamp PGJ5 base				

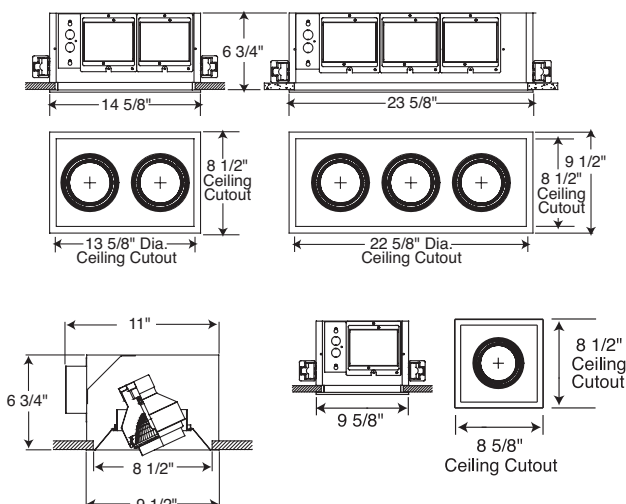
¹See ordering examples for 1-, 2-, and 3-lamp units.

²Consult factory for availability.

³GE Mini T4.

⁴Philips Mini MasterColor® CDM-Tm.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T569BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561	Pink Color Filter
T562	Red Color Filter
T563	Light Blue Color Filter
T564	Medium Blue Color Filter
T565	Medium Amber Color Filter
T566	Green Color Filter
T5677	Prismatic Spread Lens
T5678	Linear Spread Lens
T5619	Color Correction Lens/UV Filter
T5622	UV Filter



Description

Multi-lamp CMH fixture provides dazzle to displays, merchandise, and art with a wide array of optical accessories.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 34° tilt (45° if snoot is not used) and 360° rotation
- Lamp Holder: G12 socket base with recessed female contacts • 660W, 600V rated for 5KV pulse
- Each lampholder is individually aimable
- Integral accessory holder and metal snoot for improved lamp shielding; can be combined with accessory louver and/or accessory color filters
- Wireway access cover speeds electrical installation
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for through-branch wiring, damp locations, and IP

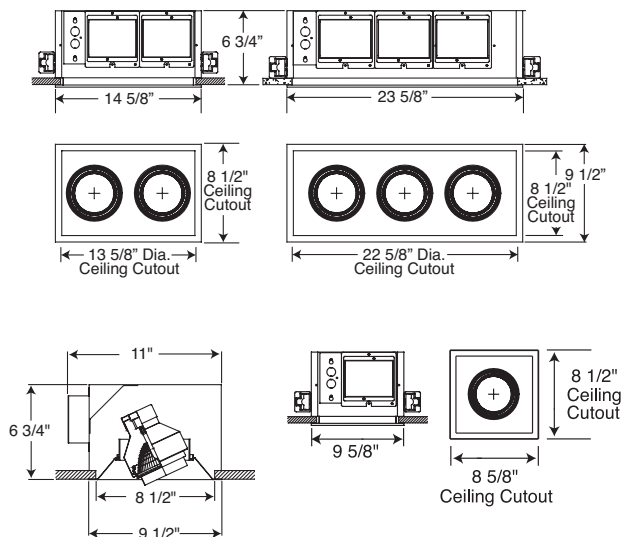
Ordering Information Ordering Example: 1-Lamp – **MST6-N-70H-BL**
 2-Lamp – **MST6-SS-70H-BL**
 3-Lamp – **MST6-FSF-70H-BL**

Catalog No.	Beam Spread <i>one per lamp</i> ¹	Wattage/Lamp	Finish	Options
MST6 T6/T4.5 MH Lamp G12 base	S-Spot (10°) N-Narrow Flood (27°) F-Flood (40°)	20H-20W T4.5 MH lamp, 120/277V Electronic Ballast 39H-39W T6 MH lamp, 120/277V Electronic Ballast 70H-70W T6 MH lamp, 120/277V Electronic Ballast	WH-White BL-Black	347-347 Volt ² ***F-Fuse and Fuse Holder (where *** = voltage) CP-Chicago Plenum ²

¹See ordering examples for 1-, 2-, and 3-lamp units.

²Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T569BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561	Pink Color Filter
T562	Red Color Filter
T563	Light Blue Color Filter
T564	Medium Blue Color Filter
T565	Medium Amber Color Filter
T566	Green Color Filter
T5677	Prismatic Spread Lens
T5678	Linear Spread Lens
T5619	Color Correction Lens/UV Filter
T5622	UV Filter



Description

Multi-lamp CMH fixture provides dazzle to displays, merchandise, and art with a wide array of optical accessories.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 34° tilt (45° if snoot is not used) and 360° rotation
- GX10 twist and lock base
- Each lampholder is individually aimable
- Integral accessory holder and metal snoot for improved lamp shielding; can be combined with accessory louver and/or accessory color filters
- Wireway access cover speeds electrical installation
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for through-branch wiring, damp locations, and IP

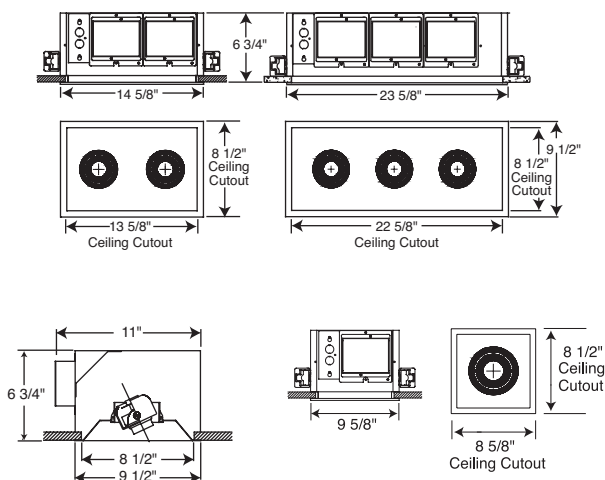
Ordering Information

Ordering Example: **MS163-20H-BL**

Catalog No.	Description	Interior Finish	Options
MS161-20H	1 Lamp: 20W MR16 lamp, 120/277V Electronic Ballast	WH -White BL -Black	347 -347 Volt ¹ ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹
MS162-20H	2 Lamp: 20W MR16 lamp, 120/277V Electronic Ballast		
MS163-20H	3 Lamp: 20W MR16 lamp, 120/277V Electronic Ballast		
MS161-39H	1 Lamp: 39W MR16 lamp, 120/277V Electronic Ballast		
MS162-39H	2 Lamp: 39W MR16 lamp, 120/277V Electronic Ballast		
MS163-39H	3 Lamp: 39W MR16 lamp, 120/277V Electronic Ballast		

¹Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T551	Med. Pink Color Filter
T553	Med. Blue Color Filter
T555	Med. Amber Color Filter
T5501	Red Dichroic Lens
T5503	Med. Green Dichroic Lens
T5504	Med. Blue Dichroic Lens
T5505	Yellow Dichroic Lens
T5506	Magenta Dichroic Lens
T5511	Blue-Green Dichroic Lens
T5516	Daylight Blue Correction Lens
T5518	Cosmetic Peach Correction Lens
T557	Prismatic Lens
T559	Linear Spread Lens
T5520	Diffuse Spread Lens
T5521	Uniformity Lens
T5522	UV Filter Lens
T5559BL	Hexcell Louver



Description

Metal halide PAR lamps combine energy efficiency with punch to illuminate merchandise, displays, and art.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 34° tilt (45° without snoot); 360° rotation
- Integral snoot for improved lamp shielding
- Black or white clutter-free closed pan appearance
- Integral accessory holder accepts a variety of optical accessories
- Wireway access cover speeds electrical installation
- Integral ballasts, electronic, 120/277 Volt, HPF; one per lamp
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

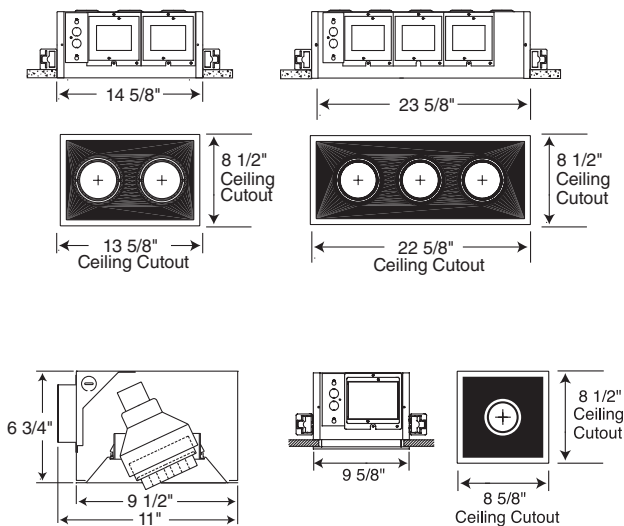
Ordering Example: **MS302-39EMH-WH-120F**

Catalog No.	Description	Interior Finish	Options
MS301-39EMH¹	1 Lamp: 39W PAR30L MH, 120/277V Electronic Ballasts	WH -White	347 -347 Volt ²
MS302-39EMH¹	2 Lamp: 39W PAR30L MH, 120/277V Electronic Ballasts	BL -Black	***F -Fuse and Fuse Holder
MS303-39EMH¹	3 Lamp: 39W PAR30L MH, 120/277V Electronic Ballasts		(where *** = voltage)
			CP -Chicago Plenum ²
MS301-70EMH¹	1 Lamp: 70W PAR30L MH, 120/277V Electronic Ballasts		
MS302-70EMH¹	2 Lamp: 70W PAR30L MH, 120/277V Electronic Ballasts		
MS303-70EMH¹	3 Lamp: 70W PAR30L MH, 120/277V Electronic Ballasts		

¹Two optical accessories maximum.

²Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T561³	Med. Pink Color Filter
T562³	Warm Red Color Filter
T563³	Daylight Blue Color Filter
T564³	Med. Blue Color Filter
T565³	Med. Amber Color Filter
T566³	Med. Green Color Filter
T5618³	Cosmetic Peach Correction Lens
T5619³	2700K Color Correction Lens
T5621³	Uniformity Lens
T5622³	UV Filter
T5677³	Prismatic Spread Lens
T5678³	Linear Spread Lens
HB-4	Bar Hanger conversion kit for wooden joists

³Two optical accessories maximum.



Description

Metal halide ED17 wall wash provides horizontally lamped units to preserve uniformity at wide fixture spacings.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- 35° tilt
- Extruded aluminum lamp housing with die cast aluminum end caps and lens holder
- Uniformity glass lens included with the fixture
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

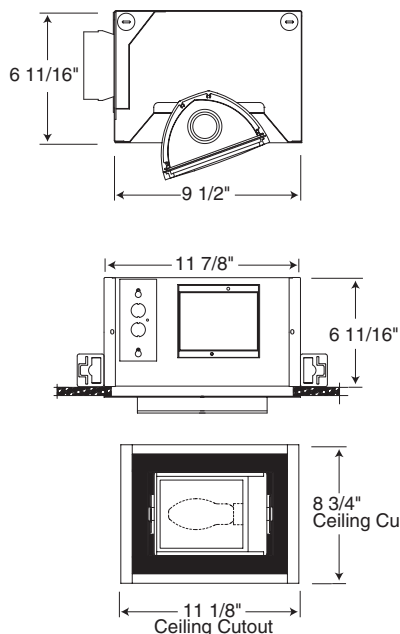
Ordering Information

Ordering Example: **MS120-70EMH-SL-120F**

Catalog No.	Description	Interior Finish	Options
MS120-70EMH	1 Lamp: 70W ED17 MH, 120/277V Electronic Ballast	WH -White	347 -347 Volt ¹
MS120-100EMH	1 Lamp: 100W ED17 MH, 120/277V Electronic Ballast	BL -Black SL -Silver	***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum ¹

¹Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
TMR60BL	Black Vertical Louver



Description

Metal halide wall wash with one T4, T4 Mini or BT5 lamp provides horizontally lamped units to preserve uniformity at wide fixture spacings.

Features

- 35° vertical aiming capability
- Extruded aluminum lamp housing with die cast aluminum end caps and lens holder
- Clear glass lens included with the fixture
- Lamp Holder: T4/4.5 - G8.5 bi-pin socket base with recessed female contacts; 1A, 750V, rated for 5KV pulse
 - T4 Mini - Twist and lock GU6.5 base; 2A, 250V rated for 5KV pulse
 - BT5 - Twist and lock PGJ5 base; 2A, 250V rated for 2.5V pulse
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" and 1 1/2" C-channel and linear bars
- UL Listed for feed through and damp locations
- CSA Certified

Ordering Information

Ordering Example: **MS257BT-20H-BL**

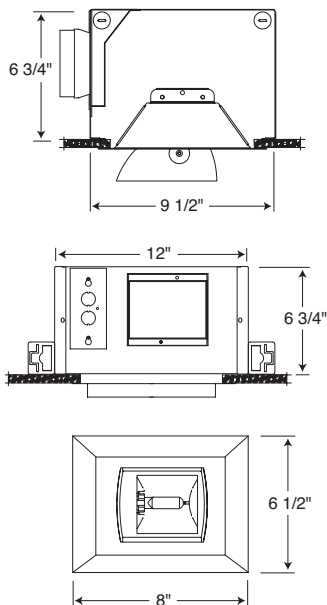
Catalog No.	Description	Finish	Options
MS257	20H-20W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast	WH -White	347 -347 Volt ¹
T4/T4.5 MH Lamp	20H1-20W BT5 lamp, 120V Electronic Ballast, DCBT only	BL -Black	***F -Fuse and Fuse Holder
G8.5 base	39H-39W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast		(where *** = voltage)
MS257TM ¹	70H-70W T4/4.5 MH lamp 120/277V Electronic Ballast		CP -Chicago Plenum ¹
T4 Mini MH Lamp			UG -Uniformity Glass Lens
GU6.5 base			
MS257BT ²			
BT5 MH Lamp			
PGJ5 base			

¹GE Mini T4

²Philips Mini MasterColor® CDM-Tm

³Consult factory for availability.

Dimensions



DRYWALL CEILING CUTOUT: 7 1/4" X 6"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists



Description

Metal halide wall wash with one 20/39/70W T4/T4.5 G8.5 base ceramic lamp provides horizontally lamped units to preserve uniformity at wide fixture spacings.

Features

- 35° vertical aiming capability
- Extruded aluminum lamp housing with die cast aluminum end caps and lens holder
- Uniformity glass lens included with the fixture
- Lamp Holder: G8.5 bi-pin base • 4KV pulse-rated with nickel-plated screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" and 1 1/2" C-channel and linear bars
- UL Listed for feed through and damp locations
- CSA Certified

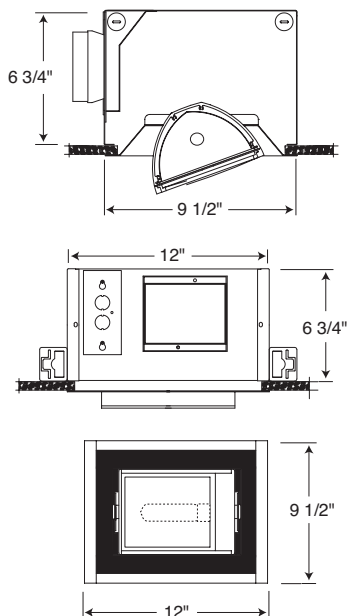
Ordering Information

Ordering Example: **MS124-20H-BL**

Catalog No.	Description	Finish	Options
MS124	20H -20W, 120V/277V Electronic Ballast	WH -White	347 -347 Volt†
	T4/T4.5 MH Lamp	BL -Black	***F -Fuse and Fuse Holder
	G8.5 base		(where *** = voltage)
	70H -70W, 120V/277V Electronic Ballast		CP -Chicago Plenum†

†Consult factory for availability.

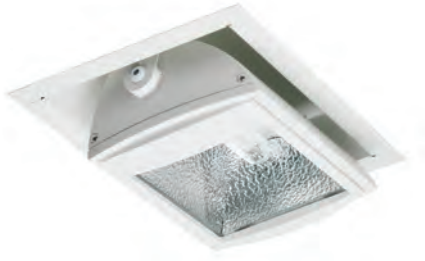
Dimensions



DRYWALL CEILING CUTOUT: 11 1/8" X 8 3/4"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
TMR60BL	Black Vertical Louver



Description

Metal halide wall wash with one 20/39/70/150W T6/T4.5 G12 base ceramic lamp provides horizontally lamped units to preserve uniformity at wide fixture spacings.

Features

- 35° vertical aiming capability
- Extruded aluminum lamp housing with die cast aluminum end caps and lens holder
- Clear glass lens included with the fixture
- Lamp Holder: G12 bi-pin base • 4KV pulse-rated with nickel-plated copper screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" and 1 1/2" C-channel and linear bars
- UL Listed for feed through and damp locations
- CSA Certified

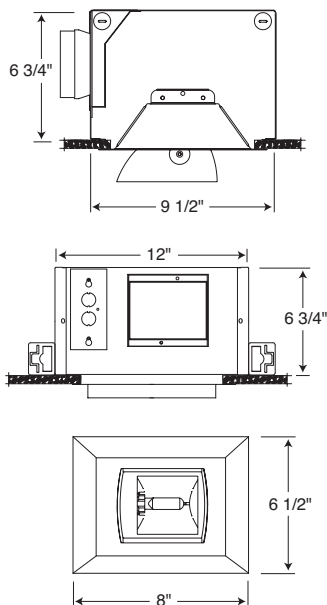
Ordering Information

Ordering Example: **MS256-20H-BL**

Catalog No.	Description	Finish	Options
MS256	20H -20W, 120V/277V Electronic Ballast 39H -39W, 120V/277V Electronic Ballast 70H -70W, 120V/277V Electronic Ballast 150H1 -150W, 120V Electronic Ballast 150H2 -150W, 277V Electronic Ballast	WH -White BL -Black	347 -347 Volt [†] ***F -Fuse and Fuse Holder (where *** = voltage) CP -Chicago Plenum [†] UG -Uniformity Glass Lens

[†]Consult factory for availability.

Dimensions



DRYWALL CEILING CUTOUT: 7 1/4" X 6"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists



Description

Metal halide wall wash with one 20/39/70/150W T6/T4.5 G12 base ceramic lamp provides horizontally lamped units to preserve uniformity at wide fixture spacings.

Features

- 35° vertical aiming capability
- Extruded aluminum lamp housing with die cast aluminum end caps and lens holder
- Uniformity glass lens included with the fixture
- Lamp Holder: G12 bi-pin base • 4KV pulse-rated with nickel-plated copper screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" and 1 1/2" C-channel and linear bars
- UL Listed for feed through and damp locations
- CSA Certified

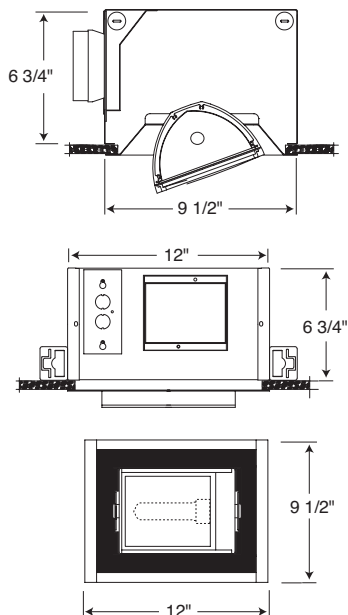
Ordering Information

Ordering Example: **MS122-20H-BL**

Catalog No.	Description	Finish	Options
MS122	20H -20W, 120V/277V Electronic Ballast	WH -White	347 -347 Volt [†]
	39H -39W, 120V/277V Electronic Ballast	BL -Black	***F -Fuse and Fuse Holder
	70H -70W, 120V/277V Electronic Ballast		(where *** = voltage)
	150H1 -150W, 120V Electronic Ballast		CP -Chicago Plenum [†]
	150H2 -150W, 277V Electronic Ballast		

[†]Consult factory for availability.

Dimensions



DRYWALL CEILING CUTOUT: 11 1/8" X 8 3/4"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
TMR60BL	Black Vertical Louver



Description

MR16 multi-lamp fixtures provide dazzle to displays, merchandise and art with a wide array of optical accessories.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 45° tilt and 360° rotation
- Black or white clutter-free closed pan appearance with black lamp cartridge
- Removable lamp cartridge for simple relamping
- Lamp cartridge accepts a variety of optical accessories
- Single integral magnetic transformer controls all lamps; serviceable from above or below ceiling
- Wireway access cover speeds electrical installation
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Ordering Information

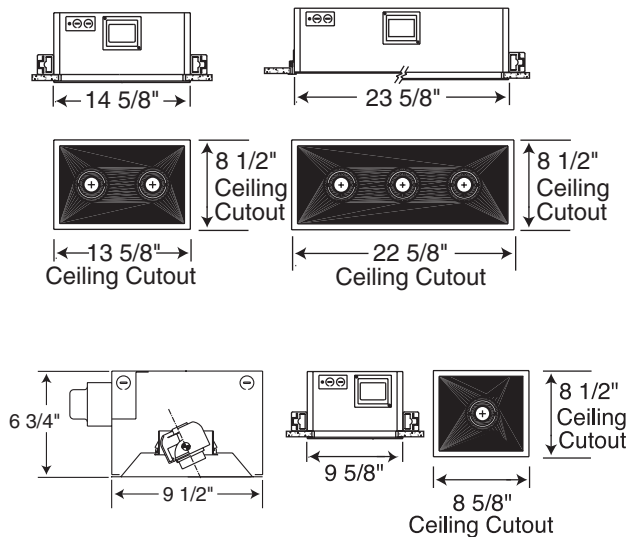
Ordering Example: **MS162-WH-F**

Catalog No.	Description	Interior Finish	Options
MS161¹	1 Lamp: 12V, 50W MR16. 120V Input	WH -White	277 -277 Volt
MS162¹	2 Lamp: 12V, 50W MR16. 120V Input	BL -Black	347 -347 Volt ²
MS163¹	3 Lamp: 12V, 50W MR16. 120V Input		F -Fuse and Fuse Holder CP -Chicago Plenum ²

¹Two optical accessories maximum.

²Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T5559BL³	Hexcell Louver
T551³	Med. Pink Color Filter
T553³	Med. Blue Color Filter
T555³	Med. Amber Color Filter
T5501³	Red Dichroic Lens
T5503³	Med. Green Dichroic Lens
T5504³	Med. Blue Dichroic Lens
T5505³	Yellow Dichroic Lens
T5506³	Magenta Dichroic Lens
T5511³	Blue-Green Dichroic Lens
T5516³	Daylight Blue Correction Lens
T5518³	Cosmetic Peach Correction Lens
T557³	Prismatic Lens
T559³	Linear Spread Lens
T5520³	Diffuse Spread Lens
T5521³	Uniformity Lens
T5522³	UV Filter Lens
HB-4	Bar Hanger conversion kit for wooden joists

³Two optical accessories maximum.



Description

PAR incandescent lamps provide "instant on" and great color rendering in an economical package to highlight merchandise and art.

Features

- Universal housing design installs in suspended grid, plaster or drywall ceilings
- Up to 45° tilt and 360° rotation
- Black or white clutter-free closed pan appearance
- Baffled lampholder apertures for brightness control and aesthetics
- Easy below ceiling relamping without removal of individual accessories
- Wireway access cover speeds electrical installation
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Ordering Information

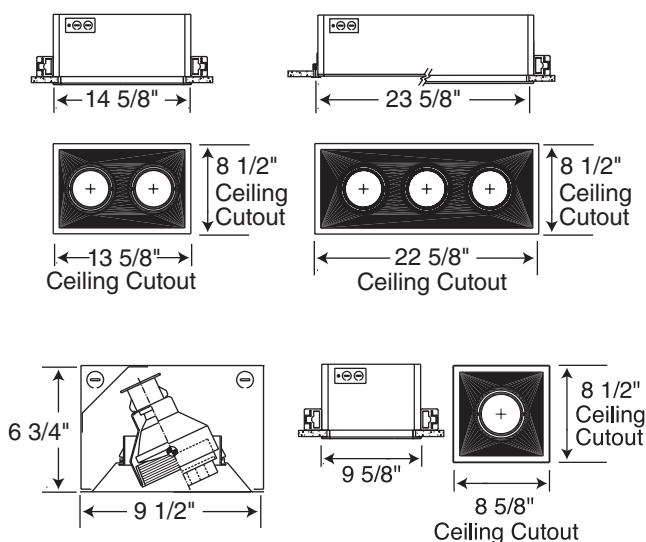
Ordering Example: **MS302-BL-F**

Catalog No.	Description	Interior Finish	Options
MS301¹	1 Lamp: 75W PAR30. 120V Input	WH -White	277 -277 Volt ²
MS302¹	2 Lamp: 75W PAR30. 120V Input	BL -Black	F -Fuse and Fuse Holder
MS303¹	3 Lamp: 75W PAR30. 120V Input		CP -Chicago Plenum ²

¹Two optical accessories maximum.

²Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
MS570BL	PAR30 Accessory Holder (required for lenses, filters, and louvers)
T569BL³	Louver: 3 3/4" dia. with 1/2" square cells (reduces tilt adjustment to 34°)
T561³	Med. Pink Color Filter
T562³	Warm Red Color Filter
T563³	Daylight Blue Color Filter
T564³	Med. Blue Color Filter
T565³	Med. Amber Color Filter
T566³	Med. Green Color Filter
T5618³	Cosmetic Peach Correction Lens
T5621³	Uniformity Lens
T5622³	UV Filter
T5677³	Prismatic Spread Lens
T5678³	Linear Spread Lens
HB-4	Bar Hanger conversion kit for wooden joists

³Two optical accessories maximum.



Description

The economy and punch of multiple 150-watt PAR38 halogen lamps can be used to spot or flood displays, merchandise and art.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 45° tilt and 360° rotation
- Black or white clutter-free closed pan appearance
- Baffled lampholder apertures for brightness control and aesthetics
- Easy below ceiling relamping without removal of individual accessories
- Wireway access cover speeds electrical installation
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information

Ordering Example: **MS382-BL-F**

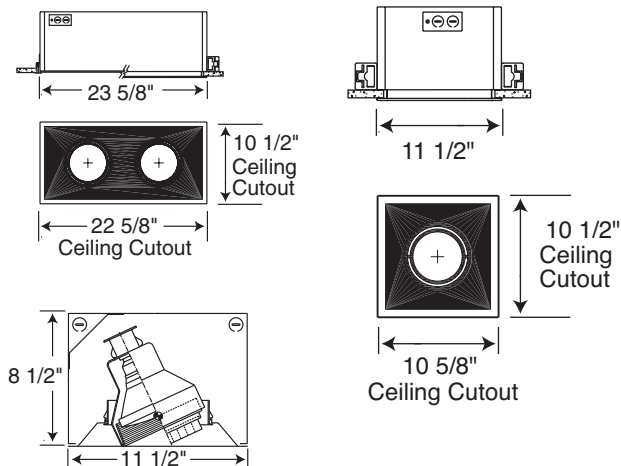
Catalog No.	Description	Options
MS381-BL ^{1,2}	1 Lamp: 150W PAR38. 120V Input. Black Finish	277 -277 Volt ³
MS381-WH ^{1,2}	1 Lamp: 150W PAR38. 120V Input. White Finish	F -Fuse and Fuse Holder
MS382-BL ^{1,2}	2 Lamp: 150W PAR38. 120V Input. Black Finish	CP -Chicago Plenum ³
MS382-WH ^{1,2}	2 Lamp: 150W PAR38. 120V Input. White Finish	

¹Two optical accessories maximum.

²Use of optical accessories derates max wattage to 90 Watts.

³Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
MS580BL	PAR38 Accessory Holder (required for lenses, filters, and louvers)
T579BL ^{1,2}	Louver: 4 3/4" dia. with 1/2" square cells
T571 ^{1,2}	Med. Pink Color Filter
T572 ^{1,2}	Warm Red Color Filter
T573 ^{1,2}	Daylight Blue Color Filter
T574 ^{1,2}	Med. Blue Color Filter
T575 ^{1,2}	Med. Amber Color Filter
T576 ^{1,2}	Med. Green Color Filter
T5718 ^{1,2}	Cosmetic Peach Correction Lens
T5721 ^{1,2}	Uniformity Lens
T5722 ^{1,2}	UV Filter
T5777 ^{1,2}	Prismatic Spread Lens
T5778 ^{1,2}	Linear Spread Lens
HB-4	Bar Hanger conversion kit for wooden joists

¹Two optical accessories maximum.

²Use of optical accessories derates max wattage to 90 Watts..

Bar Hangers for Recessed Luminaires



Catalog No.
HB-TL

Description

25" Tru-Lock Grid Ceiling Bar Hangers for attachment to T-Bar Ceilings (Set of 2)
Tru-Lock bar hangers mount to 2 ft. grid ceilings and provide easy horizontal positioning of fixtures in 1/4 tile increments as well as the ability to lock onto the grid with pre-installed screws.



Catalog No.
HB-52

Description

52" C-Channel Bar Hangers (Set of 2)



Catalog No.
HB-28

Description

28" C-Channel Bar Hangers (Set of 2)



Catalog No.
LB-27

Description

27" Linear Bar Hangers (Set of 2)



Catalog No.
HB-4

Description

Bar Hanger conversion kit for wooden joists



Catalog No.
SCA6, SCA8,
SCA9, SCA10

Description

6", 8", 9", 10" Sloped Ceiling Adapter
(Available for angles of 5°, 10°, 15°, 20°, 25° & 30°)

Pendant Mounting Kits for Cylinders



Catalog No.
P18-W
P18-B
P24-W
P24-B
P36-W
P36-B

Length
18"
18"
24"
24"
36"
36"

Finish
White
Black
White
Black
White
Black

Description

18" Hang Straight Pendant Mounting Kit (45° maximum ceiling slope)
18" Hang Straight Pendant Mounting Kit (45° maximum ceiling slope)
24" Hang Straight Pendant Mounting Kit (45° maximum ceiling slope)
24" Hang Straight Pendant Mounting Kit (45° maximum ceiling slope)
36" Hang Straight Pendant Mounting Kit (45° maximum ceiling slope)
36" Hang Straight Pendant Mounting Kit (45° maximum ceiling slope)



Toronto Maple Leafs, Air Canada Centre, Paul Nieboer Lighting Designer, David Whittaker Photography



AccuLite™ Commercial and Industrial Lighting

Indoors and out, AccuLite-brand products provide versatile lighting solutions for large commercial and industrial facilities, including factories, warehouses, retail and grocery stores, and sports arenas. Indoors, AccuLite offers advanced highbay and lowbay luminaires that provide exceptional light coverage regardless of ceiling heights and floor-plan configurations. Outdoors, AccuLite's comprehensive product line illuminates parking lots, garages, building facades, and pathways. All AccuLite luminaires incorporate advanced optics and electronics, and many outdoor models are Dark Sky compliant. Whether your application is interior, security, flood, or area lighting, AccuLite luminaires provide style, durability, and energy efficiency.



AccuLite high-output LEDs deliver energy savings and superior performance

AccuLite fixtures harness the latest LED technologies to create a range of indoor and outdoor luminaires designed to excel in a wide variety of commercial and industrial settings. They feature the high lumen outputs required for these applications, while providing exceptional energy efficiency, maintenance-free operation, and pleasing aesthetics.

AccuLite Exeter E3 LED Series luminaires provide exceptional versatility for commercial and retail lighting applications. An aesthetic masterpiece, this luminaire collection is available in prismatic borosilicate glass, spun aluminum, and premium Reflexor® acrylic. An extensive array of decorative accessories includes rods, bands, rings, lenses, and louvers that can be used to make a uniquely creative statement. These 12-, 16-, or 22-inch LED luminaires produce up to 10,000 brilliant lumens with energy-saving efficacies of up to 86 lm/W.

AccuLite IS and IL Series LED Highbay luminaires are engineered to perform in some of the harshest industrial environments. Both series share IP65 ratings and are available with Class 1, Division 2 certification for hazardous locations. The IS Series delivers 24,000 lumens from a 16-inch fixture, whereas the IL Series offers 45,000 lumens from a 22-inch fixture. These ultra-efficient luminaires are available in Premium Efficacy versions featuring 110 lm/W or Standard Efficacy versions featuring 95 lm/W. Both series can be ordered in one of three mounting configurations: surface mount; pendant mount with cord; or pendant mount with rigid conduit.

AccuLite H1Series LED Highbay luminaires deliver up to 24,000 lumens to brilliantly illuminate large spaces. Yet when ordered with the optional diffusing lens, they offer all the visual comfort of traditional fluorescent fixtures. These powerful luminaires are ultra-efficient, featuring efficacies up to 108 lm/W. Fixture bodies are made of heavy-gauge extruded aluminum to maximize heat dissipation and extend LED life. A 0-10V dimming LED driver is available; color temperature is 4000K. For ease of mounting, the H1 Series is single hook or pipe pendant ready.

AccuLite commercial and industrial lighting performs indoors or out

AccuLite-brand lighting is a complete solution for illuminating the inside and outside of large facilities. Highbay, lowbay, commercial, or retail ... parking, security, area, or floodlighting ... the AccuLite portfolio features an extensive selection of luminaires for every application. In addition to state-of-the-art LED illumination, the line also includes high-performance HID, fluorescent, and incandescent light sources. AccuLite luminaires are designed and engineered in the USA and are manufactured to the highest quality standards.



Highbay



SH1 & SH2 Series
LED Highbay/Lowbay



LH1 & LH2 Series
LED Highbay/Lowbay



IS1 & IS2 Series
LED Highbay/Lowbay



IL1 & IL2 Series
LED Highbay/Lowbay



H1 Series
LED Highbay/Lowbay



Duralyte™
High Performance Highbay



Duralyte™
Enclosed High
Performance Highbay



AccuGlass™
Glass Highbay



Acculume™
Acrylic Highbay

Commercial and Retail



Replacement Ballasts
HID, CFL



TE & TK Series
Fluorescent Highbay



E-Series Highbay
Wide Body



Exeter™ LED Series E3
12", 16" & 22" Reflectors



Exeter™ Series E2
12", 16" & 22" Reflectors



Exeter™ Series E3
12", 16" & 22" Reflectors



Exeter™ Series E3
12", 16" & 22" Reflectors
Deco-Bands & Trim



Exeter™ Series E3
12", 16" & 22" Reflectors
Deco-Rods & Trim



Simcoe™
Series SC & SO

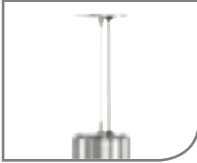
Accessories for Highbay, Lowbay, Commercial and Retail

Page 770



AccuFlex™
Modular Wiring

Page 771



Suspension For Decorative
Luminaires

Page 772



Indoor Remote Ballast
RFB1 Series

Page 773



Indoor Remote Ballast
RFB2 Series

Page 774



Indoor Remote Ballast
RBR Series
Electronic, HID & CFL

Parking Garage & Canopy

Page 775



Indoor Remote Ballast
RBR Series
Magnetic & HID

LED PRODUCT

Page 776



PG Series
Parking Garage Luminaire

LED PRODUCT

Page 778



Titan™ LED
Parking Garage
& Canopy Luminaire

Page 779



E-Series Weatherproof
Fluorescent Narrow Body

Security Lighting

LED PRODUCT

Page 780



Finia™ LED Architectural
Security Lighting
LW1 & LW2 Series

LED PRODUCT

Page 782



Finia™ LED Architectural
Security Lighting
LWB Series

LED PRODUCT

Page 785



Alari™ LED
Wall Sconce

Page 786



Alari™ Wall Sconce

LED PRODUCT

Page 788



Polaris™ LED
Full Cut-Off Lighting

Page 790



Polaris™ Wide Throw
Full Cut-Off Lighting

Page 792



Polaris™ Forward Throw
Full Cut-Off Lighting

Page 794



Polaris™ Up/Downlighting

LED PRODUCT

Page 796



Oval Cylinders
LED Downlighting
or Uplighting

Page 798



Oval Cylinders
Downlighting

Security Lighting (cont.)

Page 800



Oval Cylinders
Up/Downlighting

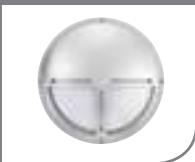
LED PRODUCT

Page 802



Stonewall™ LED Vandal
Resistant Wall or Ceiling
Mounted Luminaire

Page 806



Stonewall™ Vandal
Resistant Wall Sconce

Page 810



Dark Sky
Full Cut-Off Security
Lighting

LED PRODUCT

Page 811



AccuPak™ LED
Wall Mounted Lighting
WP2 Series

LED PRODUCT

Page 812



AccuPak™ LED
Wall Mounted Lighting
WP3 Series

Page 813



AccuPak™ Wall Mounted
Security Lighting
Glass Lens

LED PRODUCT

Page 814



MSL Series
LED Mini Security Light

LED PRODUCT

Page 815



Stena™ LED
LED Security Light

Night Lights/Step Lights

LED PRODUCT

Page 816



IC115LED
LED Outdoor Rated Step
Light and Trims

LED PRODUCT

Page 817



838LED
LED Outdoor Performance
Step Light

LED PRODUCT

Page 818



Finia™ LED Architectural
Security Lighting
LA1 & LA2 Series

LED PRODUCT

Page 820



Finia™ LED Architectural
Security Lighting
LAB Series

LED PRODUCT

Page 822



Areos™ LED
LED Area Lighting

LED PRODUCT

Page 824



Alari™ + LED
Parking, Roadway
& Area Lighting

Page 826



Alari™
Parking, Roadway
& Area Lighting

Page 828



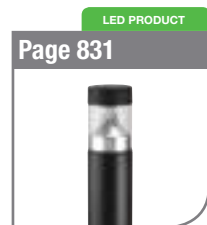
Alari™ +
Parking, Roadway
& Area Lighting

Page 830



Quasar™ Parking, Roadway
& Area Lighting

Area Lighting (cont.)



Parklume PL7
7" LED Bollards



Parklume PL2
8-1/4" LED Bollards



Parklume PL7
7" Bollards

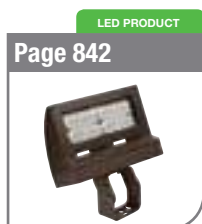


Poles

Floodlighting



Finia™ LED
Architectural Floodlighting
LF1 & LF2 Series



Finia™ LED
Architectural Floodlighting
LFB Series



Caribe™ LED
Architectural Floodlighting



Caribe™
Architectural Floodlighting
RBF Series



Accuflood™ Floodlight
FLM Series

Specialty Lighting



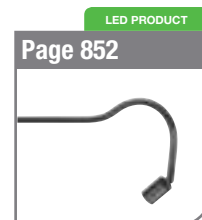
Accuflood™ Floodlight
FLC Series



Sport-Pro™ High
Performance Sports
Lighting, SP Series



Vaporlume™
Vaportight Lighting



Signlighters



Ceiling mounted, Bronze finish

Pendant mounted
with accessory hook

Description

The AccuLite SH1 & SH2 Series fixtures are low profile luminaires for highbay and lowbay applications. The SH1 Series features a premium efficacy engine with efficacies of up to 110 lumens per watt. The SH2 Series features a standard efficacy engine with efficacies of up to 95 lumens per watt. Both luminaires can be ordered with square pattern optics for spacing criteria of either 1.2:1 (highbay applications) or 2:1 (lowbay applications). Ideal for warehouses, big box retailers, and clean working environments where energy efficiency and low maintenance are desired.

Features

Optics SH1 and SH2 Series are equipped with single LED TIR (Total Internal Reflection) optics • A proprietary process seals the optics in place with a dust and moisture proof barrier that not only protects the LEDs but also fixes the optics in place to assure perfect positioning and long term reliability

Construction LED module and fixture housing are made of heavy wall die cast aluminum with a 5 stage powder coat finish • The driver compartment is effectively separated from the LED heat source; extending the life of the critical electronic components

Finish All exposed surfaces are protected with a 5 stage powder coating

Electrical Depending on the voltage required, fixture will have a universal voltage input of 120-277VAC or 347-480VAC

- Surge suppressor to 10kAmp • Maximum THD 20%
- Minimum power factor 0.90

Dimming Fixtures can be ordered with an optional 0-10V dimming driver

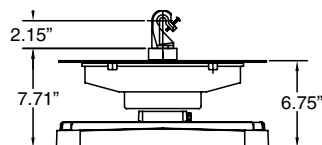
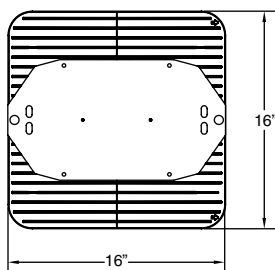
Listing Meets UL1598/CSA C22.2 250 standards • Suitable for damp locations • Union made • Meets "Buy American Act" and ARRA • Assembled in the USA

Ordering Information Example: SH1-A06-6K-UN-5H-6C

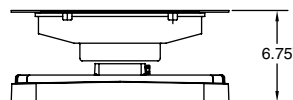
Series	Engine Code	CCT	Voltage	Mounting	Distribution	Options
SH1	-A12	-6K	-UN	-	-5H	-6C
Premium Efficacy Fixtures		- 6K - 6500K 65 CRI	- UN - 120V-277V	- no suffix Standard 3/4" NPS female hub (Includes 10' cord)	- 5H High bay optics	- 6C Factory wired 6' cord 16/3 SOW
SH1 16" fixture	- A06 67W	- 4K - 4500K 80 CRI	- E12 120V	- CE Surface mount (Includes 10' cord)	- 5L Low bay optics	- 6HC Factory wired 6' cord 16/3 SOW and hook
	- A09 97W		- E20 208V			
	- A12 127W		- E24 240V	- PD Rigid conduit mount (includes wiring compartment)	- 2A Aisle optics	- 6CT* Factory wired 6' cord 16/3 SOW and NEMA twist lock plug
			- E27 277V			
Standard Efficacy Fixtures			- UH - 347V-480V			- 6CD Factory wired 6' cord (line voltage) and 0-10V dimming leads (includes dimming driver)
SH2 16" fixture	- B08 107W		- E34 347V			- F1 Fuse single pole line to neutral
	- B12 153W		- E48 480V			- F2 Fuse two pole line to line
	- B16 200W					- D 0-10V dimming
						- M On/Off motion sensor
						- WCR Wireless Control Ready
						* Must specify voltage

For DesignLights Consortium® qualified fixtures, please refer to the product specification sheet at junolightinggroup.com

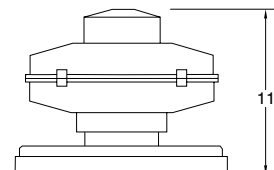
Dimensions



**16" Pendant Mount
with Accessory Hook**
Weight: 29 lbs



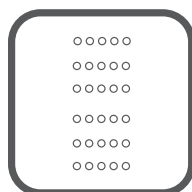
16" Surface Mount (CE)
Weight: 28 lbs



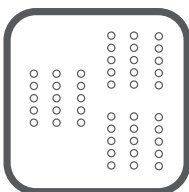
Rigid Conduit Mount (PD)
Weight: 31 lbs

Light Engine Configurations

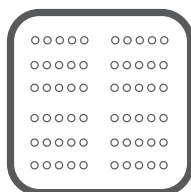
A06, B08



A09, B12



A12 & B16



Accessories (Accessories are ordered and shipped separately)

Description

Catalog

Safety Hook

3/4" NPT

Die cast aluminum Male -
Direct mount to fixture

HK75SS



Wire Guard

16" Wire Guard

IS-WG

LED Performance Data

PREMIUM EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
SH1-A06-4K-UN-5H	1.2:1	16"	5,724	67
SH1-A06-4K-UN-5L	1.9:1	16"	6,055	67
SH1-A06-4K-UN-2A	1.8:1	16"	5,800	67
SH1-A09-4K-UN-5H	1.2:1	16"	8,587	97
SH1-A09-4K-UN-5L	1.9:1	16"	9,083	97
SH1-A09-4K-UN-2A	1.8:1	16"	8,701	97
SH1-A12-4K-UN-5H	1.2:1	16"	11,449	128
SH1-A12-4K-UN-5L	1.9:1	16"	12,111	129
SH1-A12-4K-UN-2A	1.8:1	16"	11,601	128

For 6500K apply 1.1 multiplier to these lumen values. All tests were performed according to IES LM-79-08. 6500K luminaires have a 65 CRI.

STANDARD EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
SH2-B08-4K-UN-5H	1.2:1	16"	8,077	107
SH2-B08-4K-UN-5L	1.9:1	16"	8,544	107
SH2-B08-4K-UN-2A	1.8:1	16"	8,184	107
SH2-B12-4K-UN-5H	1.2:1	16"	12,116	153
SH2-B12-4K-UN-5L	1.9:1	16"	12,816	153
SH2-B12-4K-UN-2A	1.8:1	16"	12,277	153
SH2-B16-4K-UN-5H	1.2:1	16"	16,154	200
SH2-B16-4K-UN-5L	1.9:1	16"	17,088	200
SH2-B16-4K-UN-2A	1.8:1	16"	16,369	200

For 6500K apply 1.1 multiplier to these lumen values. All tests were performed according to IES LM-79-08. 6500K luminaires have a 65 CRI.



Ceiling mounted,
Bronze finish



Pendant mounted with
accessory hook

Description

The AccuLite LH1 & LH2 Series fixtures are low profile luminaires for highbay and lowbay applications. The LH1 Series features a premium efficacy engine with efficacies of up to 110 lumens per watt. The LH2 Series features a standard efficacy engine with efficacies of up to 95 lumens per watt. Both luminaires can be ordered with square pattern optics for spacing criteria of either 1.2:1 (highbay applications) or 2:1 (lowbay applications). Ideal for warehouses, big box retailers, and clean working environments where energy efficiency and low maintenance are desired.

Features

Optics LH1 and LH2 Series are equipped with single LED TIR (Total Internal Reflection) optics • A proprietary process seals the optics in place with a dust and moisture proof barrier that not only protects the LEDs but also fixes the optics in place to assure perfect positioning and long term reliability

Construction LED module and fixture housing are made of heavy wall die cast aluminum with a 5 stage powder coat finish • The driver compartment is effectively separated from the LED heat source; extending the life of the critical electronic components

Finish All exposed surfaces are protected with a 5 stage powder coating

Electrical Depending on the voltage required, fixture will have a universal voltage input of 120-277VAC or 347-480VAC

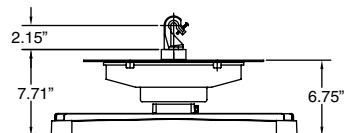
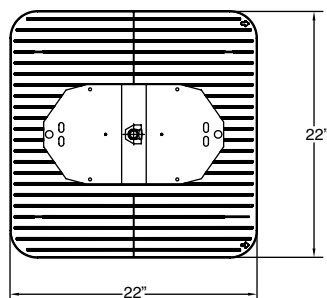
• Surge suppressor to 10kAmp • Maximum THD 20%
• Minimum power factor 0.90

Dimming Fixtures can be ordered with an optional 0-10V dimming driver

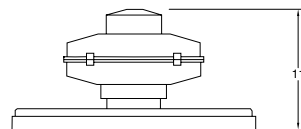
Listing Meets UL1598/CSA C22.2 250 standards

• Suitable for damp locations • Union made • Meets "Buy American Act" and ARRA • Assembled in the USA

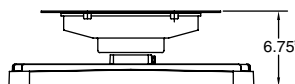
Dimensions



22" Pendant Mount
with Accessory Hook
Weight: 49 lbs



Rigid Conduit Mount (PD)
and Light Engine Option B33
Weight: 49 lbs



22" Surface Mount (CE)
Weight: 48 lbs

Ordering Information Example: **LH1-A18-6K-UN-5H-6C**

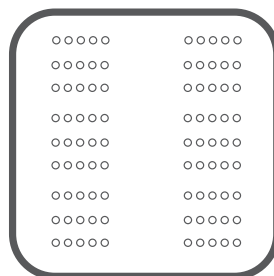
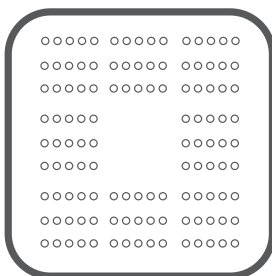
Series	Engine Code	CCT	Voltage	Mounting	Distribution	Options
LH1	-A18	-6K	-UN	-	-5H	-6C
Premium Efficacy Fixtures		- 6K - 6500K 65 CRI	- UN - 120V-277V	- no suffix ² Standard 3/4" NPS female hub (includes 10' cord)	- 5H High bay optics	- 6C Factory wired 6' cord 16/3 SOW
LH1 22" fixture	- A18 194W	- 4K - 4500K 80 CRI	- E12 120V	- CE ² Surface mount (includes 10' cord)	- 5L Low bay optics	- 6HC Factory wired 6' cord 16/3 SOW and hook
	- A24 254W		- E20 208V			
Standard Efficacy Fixtures			- E24 240V	- PD Rigid conduit mount (includes wiring compartment)	- 2A Aisle optics	- 6CT* Factory wired 6' cord 16/3 SOW and NEMA twist lock plug
LH2 22" fixture	- B24 295W		- E27 277V			
	- B33 ¹ 385W		- UH - 347V-480V			- 6CD Factory wired 6' cord (line voltage) and 0-10V dimming leads (includes 0-10V dimming driver)
			- E34 347V			- F1 Fuse single pole line to neutral
			- E48 480V			- F2 Fuse two pole line to line
						- D 0-10V dimming
						- M On/Off motion sensor
						- WCR Wireless Control Ready


¹ B33 engine requires the larger driver housing used for Rigid Conduit Mounting. B33 is not available with Surface Mounting options (CE) or Standard 3/4" NPS HUB version.

² Not available with B33 engine code

For DesignLights Consortium® qualified fixtures, please refer to the product specification sheet at junolightinggroup.com

*Must specify voltage

Light Engine Configurations
A18 & B24

A24 & B33

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Safety Hook 3/4" NPT Die cast aluminum Male - Direct mount to fixture	HK75SS 
Wire Guard 22" Wire Guard	IL-WG

LED Performance Data
PREMIUM EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
LH1-A18-4K-UN-5H	1.2:1	22"	17,173	194
LH1-A18-4K-UN-5L	1.9:1	22"	18,166	194
LH1-A18-4K-UN-2A	1.8:1	22"	17,401	194
LH1-A24-4K-UN-5H	1.2:1	22"	22,898	254
LH1-A24-4K-UN-5L	1.9:1	22"	24,222	254
LH1-A24-4K-UN-2A	1.8:1	22"	23,202	254

STANDARD EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
LH2-B24-4K-UN-5H	1.2:1	22"	24,231	295
LH2-B24-4K-UN-5L	1.9:1	22"	25,633	295
LH2-B24-4K-UN-2A	1.8:1	22"	24,553	295
LH2-B33-4K-UN-5H*	1.2:1	22"	32,308	385
LH2-B33-4K-UN-5L*	1.9:1	22"	34,177	385
LH2-B33-4K-UN-2A*	1.8:1	22"	32,737	385

* Conduit mount only.

For 6500K apply 1.1 multiplier to these lumen values. All tests were performed according to IES LM-79-08. 6500K luminaires have a 65 CRI.



Ceiling mounted, Bronze finish



Pendant mounted with accessory hook

Description

The AccuLite IS1 & IS2 Series fixtures are low profile luminaires for highbay and lowbay applications with IP65 full fixture rating. The IS1 Series features a premium efficacy engine with efficacies of up to 110 lumens per watt. The IS2 Series features a standard efficacy engine with efficacies of up to 95 lumens per watt. Both luminaires can be ordered with square pattern optics for spacing criteria of either 1.2:1 (highbay applications) or 2:1 (lowbay applications). Ideal for warehouses, manufacturing facilities, mine operations, and dirty environments where the IP65 rating is needed to protect the fixture from dust or water intrusion.

Features

Optics IS1 and IS2 Series are equipped with single LED TIR (Total Internal Reflection) optics • A proprietary process seals the optics in place with a dust and moisture proof barrier that not only protects the LEDs but also fixes the optics in place to assure perfect positioning and long term reliability

Construction LED module and fixture housing are made of heavy wall die cast aluminum with a 5 stage powder coat finish • The driver compartment is effectively separated from the LED heat source; extending the life of the critical electronic components • Tempered glass bottom lens with frame and gaskets provides IP65 rating to the fixture.

Finish All exposed surfaces are protected with a 5 stage powder coating

Electrical Equipped with Class 1 drivers • Depending on the voltage required, fixture will have a universal voltage input of 120-277VAC or 347-480VAC • Surge suppressor to 10kAmp • Maximum THD 20% • Minimum power factor 0.90

Dimming Fixtures can be ordered with an optional 0-10V dimming driver

Listing Meets UL1598/CSA C22.2 250 standards

• Suitable for wet locations • IP65 rated • Union made • Meets "Buy American Act" and ARRA • Assembled in the USA

Ordering Information Example: IS1-A12-6K-UN-5H-6C

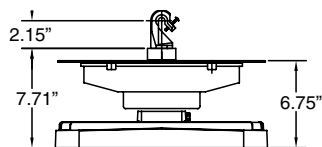
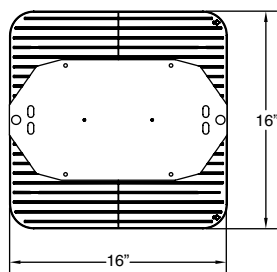
Series	Engine Code	CCT	Voltage	Mounting	Distribution	Options
IS1	-A12	-6K	-UN	-	-5H	-6C
Premium Efficacy Fixtures		- 6K - 6500K 65 CRI	- UN - 120V-277V	- no suffix Standard 3/4" NPS female hub (includes 10' cord) - CE Surface mount (includes 10' cord) - PD Rigid conduit mount (includes wiring compartment)	- 5H High bay optics	- 6C Factory wired 6' cord 16/3 SOW
IS1	- A06 67W	- 4K - 4500K 80 CRI	- E12 - 120V		- 5L Low bay optics	- 6HC Factory wired 6' cord 16/3 SOW and hook
16" Fixture	- A09 97W		- E20 - 208V		- 2A Aisle optics	- 6CT* Factory wired 6' cord 16/3 SOW and NEMA twist lock plug
	- A12 127W		- E24 - 240V			- 6CD Factory wired 6' cord (line voltage) and 0-10V dimming leads (includes dimming driver)
			- E27 - 277V			- F1' Fuse single pole line to neutral
Standard Efficacy Fixtures			- UH - 347V-480V			- F2' Fuse two pole line to line
IS2	- B08 107W		- E34 - 347V			- D 0-10V dimming driver
16" Fixture	- B12 153W		- E48 - 480V			- M' On/Off motion sensor
	- B16 200W					- HT High transmission lens
						- FG Frosted glass lens
						- C1 Class 1, Div 2, Groups A, B, C, D

* Options "F1, F2 and M" can not be combined with option "C1". Must specify voltage.

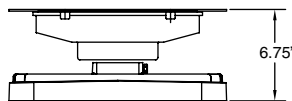
For DesignLights Consortium® qualified fixtures, please refer to the product specification sheet at junolightinggroup.com



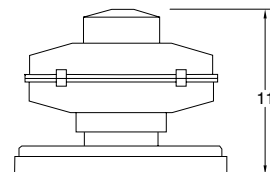
Dimensions



**16" Pendant Mount
with Accessory Hook**
Weight: 29 lbs



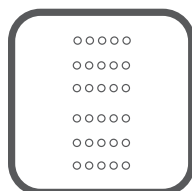
16" Surface Mount (CE)
Weight: 28 lbs



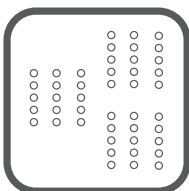
Rigid Conduit Mount (PD)
Weight: 31 lbs

Light Engine Configurations

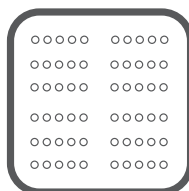
A06, B08



A09, B12



A12 & B16



Accessories (Accessories are ordered and shipped separately)

Description

Safety Hook
3/4" NPT with gasket
Die cast aluminum Male -
Direct mount to fixture

Catalog

EHK75SS



Wire Guard
16" Wire Guard

IS-WG

LED Performance Data

PREMIUM EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
IS1-A06-4K-UN-5H	1.2:1	16"	5,859	67
IS1-A06-4K-UN-5L	1.9:1	16"	5,637	67
IS1-A06-4K-UN-2A	1.8:1	16"	4,773	67
IS1-A09-4K-UN-5H	1.2:1	16"	8,789	97
IS1-A09-4K-UN-5L	1.9:1	16"	8,456	97
IS1-A09-4K-UN-2A	1.8:1	16"	7,160	97
IS1-A12-4K-UN-5H	1.2:1	16"	11,718	128
IS1-A12-4K-UN-5L	1.9:1	16"	11,275	129
IS1-A12-4K-UN-2A	1.8:1	16"	9,546	128

For 6500K apply 1.1 multiplier to these lumen values. All tests were performed according to IES LM-79-08. 6500K luminaires have a 65 CRI.

STANDARD EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
IS2-B08-4K-UN-5H	1.2:1	16"	8,267	107
IS2-B08-4K-UN-5L	1.9:1	16"	7,954	107
IS2-B08-4K-UN-2A	1.8:1	16"	6,735	107
IS2-B12-4K-UN-5H	1.2:1	16"	12,401	153
IS2-B12-4K-UN-5L	1.9:1	16"	11,932	153
IS2-B12-4K-UN-2A	1.8:1	16"	10,102	153
IS2-B16-4K-UN-5H	1.2:1	16"	16,535	200
IS2-B16-4K-UN-5L	1.9:1	16"	15,909	200
IS2-B16-4K-UN-2A	1.8:1	16"	13,470	200

For 6500K apply 1.1 multiplier to these lumen values. All tests were performed according to IES LM-79-08. 6500K luminaires have a 65 CRI.



Ceiling mounted,
Bronze finish



Pendant mounted with
accessory hook

Description

The AccuLite IL1 & IL2 Series fixtures are low profile luminaires for highbay and lowbay applications with IP65 full fixture rating. The IL1 Series features a premium efficacy engine with efficacies of up to 110 lumens per watt. The IL2 Series features a standard efficacy engine with efficacies of up to 95 lumens per watt. Both luminaires can be ordered with square pattern optics for spacing criteria of either 1.2:1 (highbay applications) or 2:1 (lowbay applications). Ideal for warehouses, manufacturing facilities, mine operations, and dirty environments where the IP65 rating is needed to protect the fixture from dust or water intrusion.

Features

Optics IL1 and IL2 Series are equipped with single LED TIR (Total Internal Reflection) optics • A proprietary process seals the optics in place with a dust and moisture proof barrier that not only protects the LEDs but also fixes the optics in place to assure perfect positioning and long term reliability

Construction LED module and fixture housing are made of heavy wall die cast aluminum with a 5 stage powder coat finish • The driver compartment is effectively separated from the LED heat source; extending the life of the critical electronic components • Tempered glass bottom lens with frame and gaskets provides IP65 rating to the fixture.

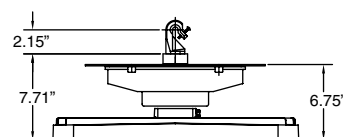
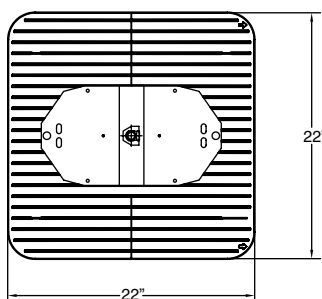
Finish All exposed surfaces are protected with a 5 stage powder coating

Electrical Equipped with Class 1 drivers • Depending on the voltage required, fixture will have a universal voltage input of 120-277VAC or 347-480VAC • Surge suppressor to 10kAmp • Maximum THD 20% • Minimum power factor 0.90

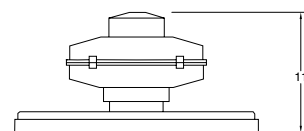
Dimming Fixtures can be ordered with an optional 0-10V dimming driver

Listing Meets UL1598/CSA C22.2 250 standards • Suitable for wet locations • IP65 rated • Union made • Meets "Buy American Act" and ARRA • Assembled in the USA

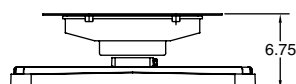
Dimensions



22" Pendant Mount
with Accessory Hook
Weight: 49 lbs



Rigid Conduit Mount (PD)
and Light Engine Option B33
Weight: 49 lbs



22" Surface Mount (CE)
Weight: 48 lbs



Ordering Information Example: IL1-A18-6K-UN-5H-6C

Series	Engine Code	CCT	Voltage	Mounting	Distribution	Options
IL1	-A18	-6K	-UN	-	-5H	-6C
Premium Efficacy Fixtures		- 6K - 6500K 65 CRI	- UN - 120V-277V	- no suffix ³ Standard 3/4" NPS female hub (includes 3'cord)	- 5H High bay optics	- 6C Factory wired 6' cord 16/3 SOW
IL1 22" fixture	- A18 194W - A24 254W	- 4K - 4500K 80 CRI	- E12 - 120V - E20 - 208V - E24 - 240V - E27 - 277V	- CE ³ Surface mount (includes 3'cord)	- 5L Low bay optics	- 6HC Factory wired 6' cord 16/3 SOW and hook
Standard Efficacy Fixtures			- E27 - 277V	- PD Rigid conduit mount (includes wiring compartment)	- 2A Aisle optics	- 6CT* Factory wired 6' cord 16/3 SOW and NEMA twist lock plug
IL2 22" fixture	- B24 295W - B33 ² 385W (not available for surface mounting)		- UH - 347V-480V - E34 - 347V - E48 - 480V			- 6CD Factory wired 6' cord (line voltage) and 0-10V dimming leads (includes dimming driver)
						- F1' Fuse single pole line to neutral
						- F2' Fuse two pole line to line
						- D 0-10V dimming driver
						- M' On/Off motion sensor
						- HT High transmission lens
						- FG Frosted glass lens
						- C1 Class 1, Div 2, Groups A, B, C, D

* Must specify voltage

¹ Options "F1, F2 and M" can not be combined with option "C1". Must specify voltage.

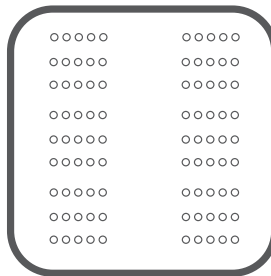
² B33 engine requires the larger driver housing used for Rigid Conduit Mounting. B33 is not available with Surface Mounting options (CE) or Standard 3/4" NPS HUB version.

³ Not available with B33 engine.

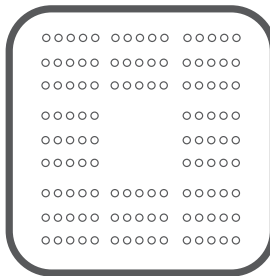
For DesignLights Consortium® qualified fixtures, please refer to the product specification sheet at junolightinggroup.com

Light Engine Configurations


A18 & B24



A24 & B33



Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Safety Hook 3/4" NPT with gasket Die cast aluminum Male - Direct mount to fixture	EHK75SS 
Wire Guard 22" Wire Guard	IL-WG

LED Performance Data

PREMIUM EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
IL1-A18-4K-UN-5H	1.2:1	22"	17,577	194
IL1-A18-4K-UN-5L	1.9:1	22"	16,912	194
IL1-A18-4K-UN-2A	1.8:1	22"	14,319	194
IL1-A24-4K-UN-5H	1.2:1	22"	23,437	254
IL1-A24-4K-UN-5L	1.9:1	22"	22,550	254
IL1-A24-4K-UN-2A	1.8:1	22"	19,093	254

STANDARD EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
IL2-B24-4K-UN-5H	1.2:1	22"	24,802	295
IL2-B24-4K-UN-5L	1.9:1	22"	23,863	295
IL2-B24-4K-UN-2A	1.8:1	22"	20,205	295
IL2-B33-4K-UN-5H	1.2:1	22"	33,069	385
IL2-B33-4K-UN-5L	1.9:1	22"	31,818	385
IL2-B33-4K-UN-2A	1.8:1	22"	26,940	385

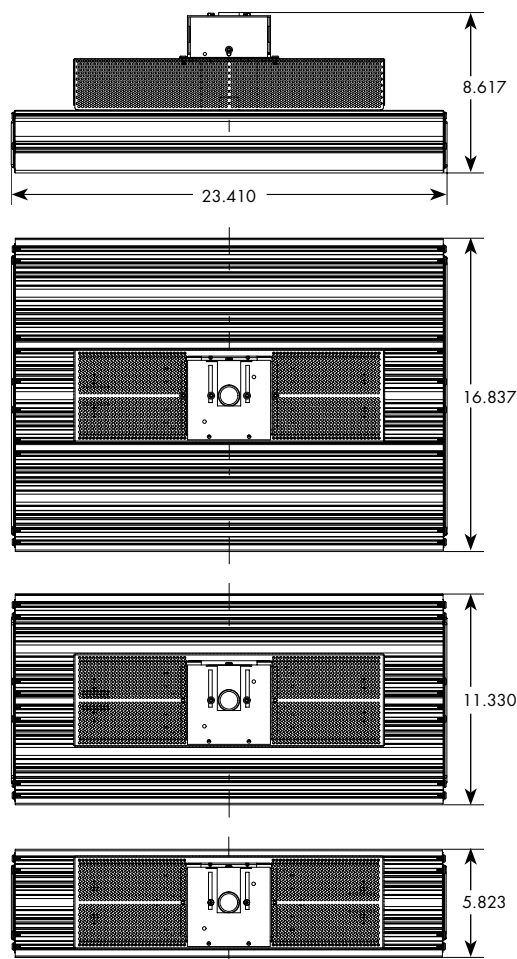
For 6500K apply 1.1 multiplier to these lumen values. All tests were performed according to IES LM-79-08. 6500K luminaires have a 65 CRI.



Description

The AccuLite H1 Series fixtures are designed for commercial and industrial high bay and low bay applications that do not require an enclosed style luminaire. The LED light source provides instant On/Off which coupled with on board motion sensors can substantially reduce energy consumption. Multiple lumen packages help tailor a lighting job that matches what the space requires, providing great uniformity and energy savings.

Dimensions



Features

Optics Equipped with specially designed white or specular finish reflectors that deliver uniform illumination on the floor • For low mounting heights, or situations where glare is a concern, an optional diffusing lens is available for superb visual comfort

Construction Fixture body is made of heavy gauge extruded aluminum to maximize heat dissipation and LED life • The electronics compartment is made of powder coated sheet metal • The diffusing lens is made of high transmission textured acrylic to provide good visual comfort while reducing light losses

Electrical Equipped with Class 2 drivers • Depending on the voltage required, fixture will have a universal voltage input of 120-277VAC or 347-480VAC • 2.5KV surge suppressor

Dimming Fixtures can be ordered with an optional 0-10V dimming driver

Thermal Management LED boards are in direct contact with the extruded aluminum heat sink • The heat sink is clear anodized to increase surface uniformity and maximize contact with the LED boards • Predicted L_{70} is 100,000 hrs at 25°C

Mounting H1 series fixtures are designed for pendant mounting and supplied with 3/4" NPT hub

Wireless Controls LED highbays can be ordered with wireless controls ready option (suffix WCR)

Finish Dual tone black/anodized finish is standard • The aluminum heat sink is clear anodized, and the sheet metal parts are protected with a 5 stage powder coat process for maximum corrosion resistance

Listing Meets UL1598/CSA C22.2 250 standards • Suitable for damp locations • Union made • Meets "Buy American Act"

AccuLite™

Highbay | H1 Series LED Highbay/Lowbay

Commercial and Industrial Luminaires

Ordering Information Example: H1-L08-4K-UN-5H-BC

Series	Light Engine	CCT	Voltage	Distribution	Options	
H1	-L08	-4K	-UN	-5H	-BC	
H1 LED Highbay	- L08 LED 8,000 Lumens - L16 LED 16,000 Lumens - L24 LED 24,000 Lumens	- 4K 4000K	- UN 120-277V - E12 120V - E20 208V - E24 240V - E27 277V - E34 347V - E48 480V	- 5H White Optics - 5L Specular Optics	Ambient Temperature - A High Ambient (55°C or 130°F) Cords and Plugs - 6C 6' Cord - 6HC 6' Cord + Hook - 6HCT 6' Cord + Hook + NEMA twist lock plug (specify voltage) - 6CD ³ 6' Cord for line voltage + 6' dimming leads with connector. Includes dimming option Fusing - F1 Single fuse (120V, 277V, 347V) - F2 Two fuses (208V, 240V, 480V)	Dimming - D ³ 0-10V dimming driver Other Options - BC ¹ Glare reducing lens - M ¹ Motion sensor ON/OFF (specify voltage) - S ^{1,3} Motion sensor HI/LOW (specify voltage) - WCR ¹ Wireless ready Daintree option. For either 120V or 277V only - DSP Surge suppressor 10,000 amps - EM ² Emergency battery, 1300 lumens Finish No suffix Aluminum body with black housing

¹ Motion sensor options may not be combined with wireless controls options

² Must specify voltage. Available only for 120V or 277V. Not available with "A" option. Maximum ambient temperature is 30° C.

³ Option "S" (HI/LOW Motion Sensor) may not be combined with any dimming options ("6CD" or "D" options)

For DesignLights Consortium® qualified fixtures, please refer to the product specification sheet at junolightinggroup.com

Accessories

Description	Catalog #
Wire Guard for H1-L08 series	WG2
Wire Guard for H1-L16 series	WG4
Wire Guard for H1-L24 series	WG6
Male Hook, 3/4", for direct mount to fixture	HK75SSB
Chain Hanging Kit, 5 ft. chain	H1SH5
Aircraft Cable Kit, 20 ft. cable	H1YT20

LED Performance Data

All results shown are with 4000K CCT, 80 CRI LEDs

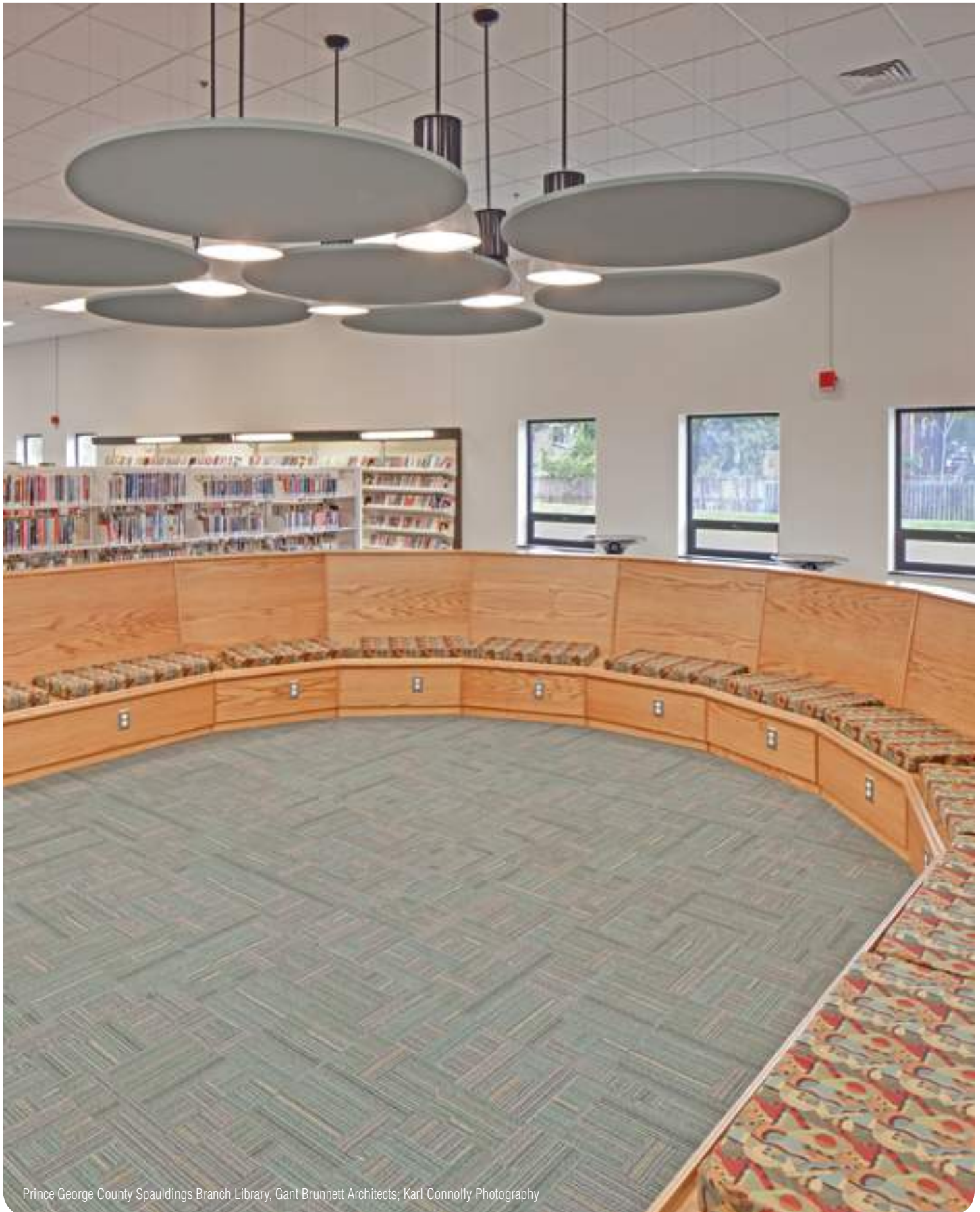
Catalog Number	Fixture Size	Delivered Lumens	System Watts	Efficacy
H1-L08-4K-UN-5H	23" x 6"	8052	83	96
H1-L16-4K-UN-5H	23" x 12"	16190	157	103
H1-L24-4K-UN-5H	23" x 18"	24490	236	104
H1-L08-4K-UN-5H-BC	23" x 6"	7293	84	87
H1-L16-4K-UN-5H-BC	23" x 12"	14266	157	91
H1-L24-4K-UN-5H-BC	23" x 18"	21162	235	90
H1-L08-4K-UN-5L	23" x 6"	8677	88	99
H1-L16-4K-UN-5L	23" x 12"	16973	157	108
H1-L24-4K-UN-5L	23" x 18"	25178	235	107
H1-L08-4K-UN-5L-BC	23" x 6"	7669	83	92
H1-L16-4K-UN-5L-BC	23" x 12"	14998	157	96
H1-L24-4K-UN-5L-BC	23" x 18"	22397	235	95







UI LABS' DMDII, Schuler Shook, Lighting Designers; Christopher Barrett Photography



Prince George County Spauldings Branch Library, Gant Brunnett Architects; Karl Connolly Photography



**DL: Standard Profile
17" Reflector**



**HB5: Standard Profile
22" Reflector**



**LPDL: Low Profile
17" Reflector**

Description

This fully faceted design offers superior visual comfort with efficient low brightness illumination. The Duralyte™ highbay is used in many commercial and retail installations ranging from grocery, hardware and clothing stores to warehouse super stores. The Duralyte™ highbay has been successfully applied in many sports facilities and is an excellent choice for industrial environments where dust, dirt, and grime limit the performance of ordinary lighting fixtures.

Features

Optics High performance fully faceted aluminum reflector ensures highest luminaire performance and allows fewer fixtures per installation vs. spun aluminum • Field adjustable 11 position reflector for better light control

Construction Heavy duty die cast aluminum ballast housing is an excellent heat sink • Cast-in barriers thermally separate the electrical components • Hangs plumb

Finish White polyester powder coat finish

Lampholder Specification grade porcelain, mogul base

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

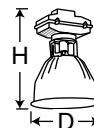
Listing UL1598/CSA C22.2 250

Dimensions

3/4" Hub

Add 3" when supplied with hook

Standard	D	H (Min.)	H (Max.)
DL Series: "-17" 450W Max.	17 1/8"	23 5/16"	25 13/16"
"-22" 450W Max.	22 5/8"	23 9/16"	26 1/16"
HB5 Series: "-22" over 450W	22 5/8"	23"	25 1/2"



Low Profile	D	H (Min.)	H (Max.)	L
DL Series: "-17" 450W Max.	17 1/8"	17 1/4"	19 3/4"	26 5/16"
"-22" 450W Max.	22 5/8"	17 1/2"	19 1/2"	29 1/16"

Remote Ballast	D	H (Min.)	H (Max.)
DL Series: "-17" 450W Max.	17 1/8"	17 1/4"	19 3/4"
"-22" 450W Max.	22 5/8"	17 1/2"	19 1/2"



Ordering Information Example: DL320PS-QT-17-PLS

Series	Lamp (Watts/Type)	Volts	Reflector	Options
DL	320PS	-QT	-17	-PLS
Standard Profile DL Max 450W	● Pulse Start Metal Halide† 17", & 22" reflector \$ { 150PS ED28 175PS, 200PS, 250PS ED28 320PS, 350PS, 400PS, 450PS ED37	Integral Ballast - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V - 480‡ 480V	- 17- 17" Max 450W - 22- 22" Max 1000W	See below
HB5 Lamps over 450W	22" reflector 750PS, 875PS, 1000PS BT37			
Low Profile LPDL Max 450W	Probe Start Metal Halide† 17", & 22" reflector \$ { 175MH, 250MH ED28 400MH ED37 22" reflector 1000MH BT56 ● High Pressure Sodium 17", & 22" reflector 150HP ED28 250HP, 400HP ED18 22" reflector 1000HP E25	Remote Ballast - RB Order remote ballast separately See RBR Series Remote Ballasts section		

Options (Options are factory installed)

Description	Suffix
Lamp	
Coated Lamp (Recommended for PS and MH)	- CL
Clear Lamp	- L
Bottom Closure	
Hinged glass bottom lens assembly	- BC
Lampholder For Protected Lamp	- PLS
Potted Ballasts	
For low noise requirements	
Not available with lamps over 450W and LP models	- POT
Quartz Auxiliary with Delay	
Double contact bayonet base	
Quartz lamp not included	Cold Start/Hot Restrike - Q
Fuse Holder	
Supplied with fuse	
Replace "-QT" & "-TT" with line voltage	
Single pole - Line to neutral	- F1
Two pole - Line to line	- F2
Lamp Socket Protector	
Use on line to line circuits	
when required by local certifying bodies	- LSP

† Metal Halide:

Ⓢ EISA - Pulse Start MH: 175W - 450W meets Energy Independence & Security Act (EISA) requirements.

NEC compliance: Pulse Start & Probe Start MH Luminaires must have a protected lamp socket (suffix "-PLS") or a bottom closure (suffix "-BC").

‡Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

\$Not for use in the United States.

● Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Safety Hook 3/4" NPT Die cast aluminum	Male - HK75SS Direct mount to fixture Female - HF75SS Pendant mounting
Cord Set For indoor luminaires (dry location). Cord only, 3 conductor, 3' long, Type ST105 (white cord)	3C
Cord & Twist Lock Plug Cord and plug, 3 conductor, 3' long, Type ST105 (white cord) 15A or 20A available	3C-TLP-(volts)-(amps)
Power Hook Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")	HBPH-(volts)
Q-Deck Plate For quick mounting Mounting screws not included	Q-DECK
Ballast Safety Cable, Adjustable Attaches ballast housing to the structure	
Aircraft safety cable	Max 10' long Max 20' long HB-BSC10 HB-BSC20
Optical Assembly Safety Cable Attaches reflector to the ballast housing	
Aircraft safety cable	Max 20" long HB-RSC
Socket Shroud Spun aluminum shroud	DL-SS
Wire Guard Not available with bottom closure	17" Dia. 22" Dia. DL17-WG DL22-WG



**DL: Enclosed Optical Assembly
17" Reflector**



**HB5: Enclosed Optical Assembly
22" Reflector**

Description

This fully faceted design offers superior visual comfort with efficient low brightness illumination. The Duralyte™ enclosed highbay is an excellent choice for more rigorous environments such as pulp and paper mills, foundries, manufacturing, assembly and machine shops where dust, dirt, and grime limit the performance of ordinary lighting fixtures.

Features

Enclosed Optical Assembly Fully enclosed optical assembly • With heat resistant hinged glass lens, three stainless steel lens clips and silicone rubber gaskets

Optics Fully faceted aluminum reflector ensures highest luminaire performance allowing fewer fixtures per installation vs. spun aluminum • Field adjustable 11 position reflector for better light control

Construction Heavy duty die cast aluminum ballast housing with cast-in thermal barriers separating the electrical components

Finish White polyester powder coat finish

Lampholder Specification grade porcelain, mogul base

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250

Dimensions

3/4" Hub

Add 3" when supplied with hook

Standard		D	H
DL Series: 450W Max.		17 1/8"	27 1/8"
	-22" 450W Max.	22 5/8"	26 7/8"
HB5 Series: over 450W		22 5/8"	26 3/4"



Ordering Information Example: DL320PS-QT-17-EOA-CL

Series	Lamp (Watts/Type)	Volts	Enclosed Optical Assembly	Options
DL	320PS	-QT	-17-EOA	-CL
Standard Profile DL Max 450W HB5 Lamps over 450W Low Profile LPDL Max 450W	<p>● Pulse Start Metal Halide† 17", & 22" reflector \$ { 150PS ED28 175PS, 200PS, 250PS ED28 320PS, 350PS, 400PS, 450PS ED37 22" reflector 750PS, 875PS, 1000PS BT37</p> <p>● Probe Start Metal Halide† 17", & 22" reflector \$ { 175MH, 250MH ED28 400MH ED37 22" reflector 1000MH BT56</p> <p>● High Pressure Sodium 17", & 22" reflector 150HP ED28 250HP, 400HP ED18 22" reflector 1000HP E25</p>	<p>Integral Ballast - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V - 480‡ 480V</p>	<p>Field adjustable beam spread Standard factory pre-set to medium beam spread - 17-EOA 17" reflector Max 450W - 22-EOA 22" reflector Max 1000W</p>	See below

Options (Options are factory installed)

Description	Suffix
Lamp Coated Lamp (Recommended for MH)	- CL
Lampholder For Protected Lamp	- PLS
Potted Ballasts For low noise requirements Not available with lamps over 450W and LP models	- POT
Quartz Auxiliary with Delay Double contact bayonet base Quartz lamp not included Cold Start/Hot Restrike	- Q
Fuse Holder Supplied with fuse On multi-tap ballasts indicate line voltage Single pole - Line to neutral Two pole - Line to line	- F1 - F2
Lamp Socket Protector Use on line to line circuits when required by local certifying bodies	- LSP

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Safety Hook - Enclosed & Gasketed 3/4" NPT Die cast aluminum	Male - Direct mount to fixture Female - Pendant mounting EHK75SS EHF75SS
Cord Set For wet location Cord only, 3 conductor, 3' long, Type SOW	3C-SOW
Q-Deck Plate For quick mounting Mounting screws not included	Q-DECK
Ballast Safety Cable, Adjustable Attaches ballast housing to the structure Aircraft safety cable	Max 10' long Max 20' long HB-BSC10 HB-BSC20

† **Metal Halide:**

Ⓔ EISA - Pulse Start MH: 175W - 450W meets Energy Independence & Security Act (EISA) requirements.

‡ **Lamp Socket Protector:**

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

§ **Not for use in the United States.**

● Fixtures are **ENERGY EFFICIENT**.



ACG: Standard Profile
16" Reflector



ACG: Standard Profile
22" Reflector, max 450W



LPACG: Low Profile
16" Reflector

Description

The AccuGlass™ prismatic glass highbay is designed for installations where good lighting quality and a uniformly illuminated environment is demanded. The AccuGlass™ highbay combines good horizontal and vertical illuminance levels in a highly efficient luminaire. The ventilated self-cleaning design, plus the inert nature of glass which eliminates the static electricity that attracts dust combines to make the AccuGlass™ highbay well suited to commercial/retail spaces where well lit ceilings and walls are desired. It is suitable for use in many industrial, production, inspection and warehousing areas where good all around visibility is desirable.

Features

Optics High efficiency, heat resistant borosilicate 16" and 22" glass reflector • Easily cleaned, the AccuGlass™ highbay maintains photometric performance for the life of the luminaire

Uplight Component Clear glass, open top reflector provides excellent horizontal and vertical illuminance

Construction Heavy duty die cast aluminum ballast housing is an excellent heat sink • Cast-in barriers thermally separate the electrical components • Three heavy duty locking rods secure the reflector • Hangs plumb

Finish White polyester powder coat finish

Lampholder Specification grade porcelain, mogul base

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250

Dimensions

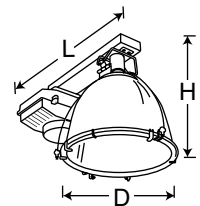
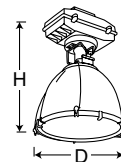
3/4" Hub

Add 3" when supplied with hook

Standard	D	H
"-A" 450W Max.	15 3/4"	25"
"-C" 450W Max.	21 1/2"	23 3/4"
"-C" over 450W	21 1/2"	26 3/4"

Low Profile	D	H	L
"-A" 450W Max.	15 3/4"	19 1/4"	25 1/2"
"-C" 450W Max.	21 1/2"	18"	28 1/4"

Remote Ballast	D	H
"-A"	15 3/4"	19 1/2"
"-C"	21 1/2"	18"



Ordering Information Example: ACG350PS-QT-A-PLS

Series	Lamp (Watts/Type)	Volts	Reflector	Options
ACG	350PS	-QT	-A	-PLS
Standard Profile ACG Max 1000W	● Pulse Start Metal Halide† 16", & 22" reflector § { 150PS ED28 175PS, 200PS, 250PS ED28 320PS, 350PS, 400PS, 450PS ED37 22" reflector 750PS, 875PS, 1000PS BT37	Integral Ballast - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V - 480‡ 480V	- A - 16" Max 450W - C - 22" Max 1000W	See below
Low Profile LPACG Max 450W	● Probe Start Metal Halide† 16", & 22" reflector § { 175MH, 250MH ED28 400MH ED37 22" reflector 1000MH BT56 ● High Pressure Sodium 16", & 22" reflector 150HP ED28 250HP, 400HP ED18 22" reflector 1000HP E25	Remote Ballast - RB Order remote ballast separately See RBR Series Remote Ballasts section		

Options (Options are factory installed)

Description	Suffix
Lamp	
Coated Lamp	- CL
Clear Lamp	- L
Bottom Closure	
Flat bottom lens	- BC
Lampholder For Protected Lamp	- PLS
Potted Ballasts	
For low noise requirements	
Not available with lamps over 450W and LP models	- POT
Quartz Auxiliary with Delay	
Double contact bayonet base	
Quartz lamp not included Cold Start/Hot Restrike	- Q
Fuse Holder	
Supplied with fuse	
On multi-tap ballasts indicate line voltage	
Single pole - Line to neutral	- F1
Two pole - Line to line	- F2
Lamp Socket Protector	
Use on line to line circuits	
when required by local certifying bodies	- LSP

† Metal Halide:

Ⓢ EISA - Pulse Start MH: 175W - 450W meets Energy Independence & Security Act (EISA) requirements.
NEC compliance: Pulse Start & Probe Start MH Luminaires must have a protected lamp socket (suffix "-PLS") or a bottom closure (suffix "-BC").

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

§ Not for use in the United States.

● Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Safety Hook 3/4" NPT Die cast aluminum	Male - Direct mount to fixture Female - Pendant mounting HK75SS HF75SS
Cord Set For indoor luminaires (dry location). Cord only, 3 conductor, 3' long, Type ST105 (white cord)	3C
Cord & Twist Lock Plug Cord and plug, 3 conductor, 3' long, Type ST105 (white cord) 15A or 20A available	3C-TLP-(volts)-(amps)
Power Hook Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")	HBPH-(volts)
Q-Deck Plate For quick mounting Mounting screws not included	Q-DECK
Ballast Safety Cable, Adjustable Attaches ballast housing to the structure	
Aircraft safety cable Max 10' long Max 20' long	HB-BSC10 HB-BSC20
Optical Assembly Safety Cable Attaches reflector to the ballast housing	
Aircraft safety cable Max 20" long	HB-RSC
Wire Guard 16" Dia. 22" Dia.	ACG-A-WG ACG-C-WG



**HB1: Standard Profile
16" Reflector**



**HB5: Standard Profile
22" Reflector**



**LPHB1-: Low Profile
25" Reflector**

Description

As an alternative to glass, the Acculume™ highbay has prismatic acrylic reflectors that are designed to be used in many industrial, commercial and decorative lighting applications. The Acculume™ highbay is particularly suited to applications where low brightness with high vertical surface illumination is desirable. These luminaires reduce contrast while improving overall efficiency. AccuLite's premium acrylic reflectors are not recommended for oily environments, consult factory.

Features

Optics Full range of lightweight high grade acrylic* reflectors • Clear non-yellowing acrylic open topped reflectors • Available 12", 16", 22" and 25" reflectors
• Lightweight acrylic is ideal when glass is too heavy
• Acrylic reflectors are not suitable for oily environments

Construction Heavy duty die cast aluminum ballast housing is an excellent heat sink • Cast in barriers thermally separate the electrical components • Hangs plumb

Finish White polyester powder coat finish

Lampholder Specification grade mogul base porcelain (medium base with 12" reflector)

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

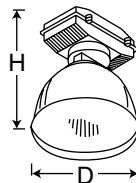
Listing UL1598/CSA C22.2 250

Dimensions

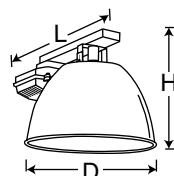
3/4" Hub

Add 3" when supplied with hook

Standard	D	H
12" Reflector	12"	17"
16" Reflector	16"	21 7/8"
22" Reflector	22 3/8"	23 7/8"
25" Reflector	25"	28 7/8"



Low Profile	D	H	L
16" Reflector	16"	16 7/8"	25 1/2"
22" Reflector	22 3/8"	18 7/8"	28 1/4"



Reflector Application Guide

With Acrylic Parts (Ambient 25°C)

Dia.	Watts	100	150	175PS	175MH	250	400	1000
12" Open Bottom	PLS	PLS	n/a	PLS	n/a	n/a	n/a	n/a
12" Closed Bottom	YES	n/a	n/a	n/a	n/a	n/a	n/a	n/a
16" Open Bottom	PLS	PLS	n/a	PLS	PLS	PLS	n/a	n/a
16" Closed Bottom	YES	YES	YES	YES	YES	n/a	n/a	n/a
22" Open Bottom	n/a	PLS	n/a	PLS	PLS	PLS	n/a	n/a
22" Closed Bottom	n/a	YES	YES	YES	YES	YES	n/a	n/a
25" Open Bottom	n/a	PLS	PLS	PLS	PLS	PLS	PLS	PLS
25" Closed Bottom	n/a	YES	YES	YES	YES	YES	YES	n/a

YES Available up to indicated wattage

PLS Probe Start MH & Pulse Start MH lamps require lampholders for protected lamp – See Options

n/a Not available

* Reflexor® optics by Lexalite™

Ordering Information Example: HB1-350PS-QT-PR16-PLS

Series	Lamp (Watts/Type)	Volts	Reflector*	Options
HB1	-350PS	-QT	-PR16	-PLS
Standard Profile HB1 Max 450W HB5 Lamps over 450W Low Profile LPHB1 Max 450W	Pulse Start Metal Halide† 12" reflector 50PS, 70PS, 100PS, 150PS ED17 \$ { 150PS ED17 16", 22", & 25" reflector \$ { 150PS ED28 175PS, 200PS, 250PS ED28 320PS, 350PS, 400PS, 450PS ED37 22", & 25" reflector 750PS, 875PS BT37 25" reflector 1000PS BT37 (25" reflector) Probe Start Metal Halide† 12" reflector 175MH E17 16", 22", & 25" reflector \$ { 175MH, 250MH ED28 400MH ED37 25" reflector 1000MH BT56 High Pressure Sodium 12" reflector 35HP, 50HP, 70HP, 100HP, 150HP BD17 16", 22", & 25" reflector 150HP ED28 250HP, 400HP ED18 25" reflector 1000HP E25	Integral Ballast - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V - 480‡ 480V Remote Ballast - RB Order remote ballast separately See RBR Series Remote Ballasts section	See Reflector Application Guide on previous page for maximum wattage - PR12 - 12"* - PR16 - 16"* - PR22 - 22"* - PR25 - 25"*	See below

Options (Options are factory installed)

Description	Suffix
Lamp Coated Lamp† (Recommended for MH) Clear Lamp†	- CL - L
Lampholder For Protected Lamp	- PLS
Potted Ballasts For low noise requirements Not available with lamps over 450W and LP models	- POT
Quartz Auxiliary with Delay Double contact bayonet base Quartz lamp not included Cold Start/Hot Restrike	- Q
Fuse Holder Supplied with fuse On multi-tap ballasts indicate line voltage Single pole - Line to neutral Two pole - Line to line	- F1 - F2
Lamp Socket Protector Use on line to line circuits when required by local certifying bodies	- LSP

* **Acrylic Reflectors:**
 Reflexor® optics by Lexalite™
 See Reflector Application Guide for maximum wattage
 Not recommended for oily environments, consult factory.

† **Metal Halide:**
 (E) **EISA - Pulse Start MH:** 175W - 450W meets Energy Independence & Security Act (EISA) requirements.
NEC compliance: Pulse Start & Probe Start MH Luminaires must have a protected lamp socket (suffix "-PLS") or a bottom closure (see Accessories).

‡ **Lamp Socket Protector:**
 Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

\$ **Not for use in the United States.**

• Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Safety Hook 3/4" NPT Die cast aluminum	Male - Direct mount to fixture Female - Pendant mounting HK75SS HF75SS
Cord Set For indoor luminaires (dry location). Cord only, 3 conductor, 3' long, Type ST105 (white cord)	3C
Cord & Twist Lock Plug Cord and plug, 3 conductor, 3' long, Type ST105 (white cord) 15A or 20A available	3C-TLP-(volts)-(amps)
Power Hook Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")	HBPH-(volts)
Q-Deck Plate For quick mounting Mounting screws not included	Q-DECK
Ballast Safety Cable, Adjustable Attaches ballast housing to the structure Aircraft safety cable Max 10' long Max 20' long	HB-BSC10 HB-BSC20
Optical Assembly Safety Cable Attaches reflector to the ballast housing Aircraft safety cable 20" long	HB-RSC
Socket Shroud Spun aluminum shroud	HB-SS
Bottom Closure* Flat - Glass 16" reflector 22" reflector 25" reflector	PR16-BL* PR22-BL* PR25-BL*
Dome - Acrylic 12" reflector	PR12-DL*
Drop - Acrylic 16" reflector 22" reflector	PR16-DL* PR22-DL*
Conical - Acrylic 12" reflector 16" reflector 22" reflector	PR12-CL* PR16-CL* PR22-CL*
Inverted Conical - Acrylic 25" reflector	PR25-CL*
Full Wire Guard 16" reflector 22" reflector	PR16-FWG PR22-FWG
Louvers Steel rings with spot welded rods and white finish 12" reflector 16" reflector 22" reflector 25" reflector	LV12A-WH LV16A-WH LV22A-WH LV25A-WH



Description

Replacement ballasts for AccuLite magnetic HID, electronic HID and electronic compact fluorescent luminaires.

Features

Standard HID Ballast Easy installation • Use existing ballast mounting hardware

Premium Ballasts Energy saving • Long life • High temperature rating • UL and CSA certified

Multi-voltage Quad-Tap or Tri-Tap ballasts (most sizes)

Universal Fits all AccuLite luminaires and most other HID luminaires (consult factory for dimensions)

Ordering Information Example: AB400PS-QT-POT

Series	Lamp (Watts/Type)	Volts	Options
AB	350PS	-QT	-POT

Magnetic HID Ballast

AB	Pulse Start Metal Halide 50PS, 70PS, 100PS, 150PS ⓔ { 175PS, 200PS, 250PS, 320PS, 350PS, 400PS, 450PS 750PS*, 750SC*, 875PS*, 875SC*, 1000PS*, 1000SC* Probe Start Metal Halide 175MH, 250MH, 400MH, 1000MH*, 1000MSC*, 1500MH High Pressure Sodium 35HP, 50HP, 70HP, 100HP, 150HP, 250HP, 400HP, 1000HP High Pressure Sodium - Reactor 35HP, 50HP, 70HP, 100HP, 150HP	Magnetic Ballast - QT Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V - 480 480V - 120NP Reactor - Normal power factor (HPS only) - 120R Reactor - High power factor (HPS only)	Isolated Secondary Ballast - IS Magnetic HID only (Consult factory for availability) Protected Igniter - PI Magnetic HPS only Potted Ballasts - POT Magnetic HID only
----	---	--	---

Electronic HID Ballast

EAB	Pulse Start Metal Halide 50PS, 70PS, 100PS, 150PS, 175PS 320PS, 350PS, 400PS	- E12 120V Max 175W - E27 277V Max 175W - E34 347V Max 150W - U27 200V through 277V 250W, 320W, 350W, 400W only
-----	--	---

Electronic CFL Ballast

CFB	Compact Fluorescent One lamp 126CF, 132CF, 142CF, 157CF, 170CF Two lamps 226CF, 232CF, 242CF	- UN 120/277V - E12 120V - E27 277V - E34 347V
-----	---	---

* 750SC, 875SC, 1000SC and 1000MSC fit ALX Series luminaires
750PS, 850PS, 1000PS & 1000MH fit all other AccuLite luminaires.

† Metal Halide :

ⓔ EISA - Pulse Start MH: 150W electronic & 175W - 450W meets Energy Independence & Security Act (EISA) requirements.



TE-Series



TK-Series

Description

AccuLite fluorescent highbay luminaires are an excellent solution for commercial, retail and industrial applications where a linear light source is required. AccuLite fluorescent highbays are available in four configurations: The TK Series features an open frame construction for maximum fixture efficiency. The TE Series is available in 4 and 6 lamp versions with a full body design.

Features

Optics Miro 4® reflector - 95% enhanced specular aluminum • Painted Reflector - 92% high performance white aluminum • Optional: uplight slots to reduce cave effect

Lens Available with TE-Series • Prismatic acrylic • Clear polycarbonate or acrylic (depending on fixture)

Construction Break formed heavy gauge cold rolled steel housing features a return lip for increased rigidity

Finish White polyester powder coat, pre-painted

Instant On Fluorescent lamps provide instant on and instant restrike after a momentary power outage

Energy Savings Energy savings can be achieved with motion sensors or through the use of multi-level switching

Lampholder Rotary lock lampholders are standard

Electronic Ballast Premium T5HO - Programmed Start, BF = 1.0 • Premium T8 High light output, Instant Start - BF = 1.15 to 1.20 • Normal light output, Instant Start - BF = 0.87-0.90

Listing UL1598/CSA C22.2 250

Ordering Information Example: T5E-654-U-P24-S-E1

Series	Lamps No & Wattage	Ballast Volts	Ballast Type	Reflector	Options
T5E	-654	-U	-P24	-S	-E1

T5HO Lamps

T5E	54W - T5HO	Programmed Start (T5HO Electronic) 1.0 ballast factor			
- 454	Four lamps	- U 120 thru 277V	- P2	Two lamps per ballast	
- 654	Six lamps	- 3 347V	- P4	Four lamps per ballast	
		- 4 480V	- P24	One two lamp and one four lamp ballast	

- S Miro IV
95% aluminum
- W 92% White
aluminum

See below

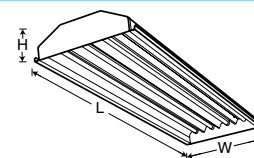
T8 Lamps

T8E	32W T8	Instant Start (T8 Electronic) High Light Output Ballast 1.15 to 1.20 ballast factor			
- 432	Four lamps	- U 120 thru 277V	- H2	Two lamps per ballast	
- 632	Six lamps	- 3 347V	- H4	Four lamps per ballast	
		- 4 480V	- H24	One two lamp and one four lamp ballast	

Instant Start (T8 Electronic) Normal Light Output Ballast 0.87 to 0.90 ballast factor					
- U 120 thru 277V	- N2	Two lamps per ballast			
- 3 347V	- N3	Three lamps per ballast			
	- N4	Four lamps per ballast			
	- N24	One two lamp and one four lamp ballast			

Programmed Start (T8 Electronic) 1.0 ballast factor For use with motion sensor					
- U 120 thru 277V	- P4	Four lamps per ballast			
	- P24	One two lamp and one four lamp ballast			

Dimensions



Four Lamp

	L	W	H
T5E	48"	13 1/4"	3 3/4"
T8E	48"	13 1/4"	3 3/4"

Six Lamp

	L	W	H
T5E	48"	20 1/8"	3 7/8"
T8E	48"	20 1/8"	3 7/8"

Options (Options are factory installed)

Description	Suffix
Lamp	
Fluorescent 4100K T5 or T8	- L4
Fluorescent 5100K T5 or T8	- L5
Emergency Ballast	
Replace voltage suffix "-U" with line voltage suffix (120V or 277V only)	
1 lamp	- E1
2 lamp (T8 only)	- E2
Fuse Holder	
Supplied with fuse	
Replace voltage suffix "-U" with line voltage suffix	
One fuse holder	- F1
Cord & Plug	
6' cord and twist lock plug	- 6CT
6' cord (Black)	- 6C
6' cord (White)	- 6CW
Motion Sensor	
Installed and preset for wide areas (Also includes aisle lens)	
For T8 lamps must use the programmed start ballast.	
(must specify voltage)	- M

Accessories (Accessories are ordered and shipped separately)

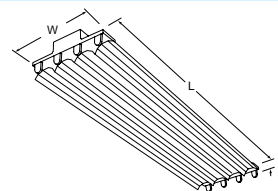
Description	Catalog #	Description	Catalog #
Lens, Hinged		Cord & Plug	
6 Lamp Prismatic Acrylic	TE-6-APH	3 conductor cord, 15A twist-lock plug	
6 Lamp Clear Acrylic	TE-6-ACH	6 feet long, indicate voltage	6C-TLP-volts-15
4 Lamp Prismatic Acrylic	TE-4-APH	For other plug and wire arrangements consult factory	
4 Lamp Clear Acrylic	TE-4-ACH	Motion Detector	
Wire Guard		120, 277, 347V	SLSFPS1347
White polyester powder coat finish		208, 240, 480V	SLSFPS1480
4 Lamp Luminaires	TE-4-WG		
6 Lamp Luminaires	TE-6-WG		
Lens and Wire Guard			
White polyester powder coat finish			
4 Lamp Luminaires			
Prismatic Acrylic	TE-4-AG		
Clear Polycarbonate	TE-4-PG		
6 Lamp Luminaires			
Prismatic Acrylic	TE-6-AG		
Clear Polycarbonate	TE-6-PG		
Mounting Accessories			
Quick Hanger			
3' Chain	TE-SH-3		
5' Chain	TE-SH-5		
Toggle Kit			
10' Cable	TE-YT-10		

For additional options, consult factory

Ordering Information Example: T5K-654-U-P24-S

Series	Lamps No & Wattage	Ballast Volts	Ballast Type	Reflector	Options
T5K	-654	-U	-P24	-S	-L4
T5HO Lamps					
T5K	54W - T5HO - 454 Four lamps - 654 Six lamps	- U 120 thru 277V - 1 120V - 2 277V - 3 347V - 4 480V	Programmed Start (T5HO Electronic) 1.0 ballast factor - P2 Two lamps per ballast - P4 Four lamps per ballast - P24 One two lamp and one four lamp ballast	- S 95% Reflective Specular - W High Reflective White	See below
T8 Lamps					
T8K	32W T8 -432 Four lamps -632 Six lamps	- U 120 thru 277V - 1 120V - 2 277V - 3 347V - 4 480V	Instant Start (T8 Electronic) High Light Output Ballast 1.15 to 1.20 ballast factor - H2 Two lamps per ballast - H4 Four lamps per ballast - H24 One two lamp and one four lamp ballast		
		- U 120 thru 277V - 3 347V	Instant Start (T8 Electronic) Normal Light Output Ballast 0.87 to 0.90 ballast factor - N2 Two lamps per ballast - N4 Four lamps per ballast - N24 One two lamp and one four lamp ballast		
		- U 120 thru 277V	Programmed Start (T8 Electronic) 1.0 ballast factor For use with motion sensor - P2 Two lamps per ballast - P4 Four lamps per ballast - P24 One two lamp and one four lamp ballast		

Dimensions



Four Lamp

	L	W	H
T5K	48"	12 1/2"	3 1/2"
T8K	48"	12 1/2"	3 1/2"

Six Lamp

	L	W	H
T5K	48"	14"	3 3/4"
T8K	48"	14"	3 3/4"

Options (Options are factory installed)

Description	Suffix
Lamp	
Fluorescent 4100K T5 or T8	- L4
Fluorescent 5100K T5 or T8	- L5
Uplight Slots	- US
Emergency Ballast	
Replace voltage suffix "-U" with line voltage suffix (120V or 277V only)	
1 lamp (T8 or T5HO)	- E1
2 lamp (T8 only)	- E2
Fuse Holder	
Supplied with fuse	
Replace voltage suffix "-U" with line voltage suffix	
One fuse holder	- F1
Cord & Plug	
6 feet cord and twist lock	
NEMA plug, 15A rated, must specify line voltage	
6 feet cord (Black)	- 6CT
6 feet cord (White)	- 6C
	- 6CW
Motion Sensor	
Installed and preset for wide areas	
(Also includes aisle lens)	
For T8 lamps must use the programmed start ballast.	
(must specify voltage)	- M
For additional options, consult factory	

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Motion Sensor	
120, 277, 347V	SLSFPS1347
208, 240, 480V	SLSFPS1480
Cord & Plug	
6 feet cord and twist lock	
NEMA plug, 15A rated, 120V	6C-TLP-120-15A
6 feet cord and twist lock	
NEMA plug, 15A rated, 277V	6C-TLP-277-15A
For other plug and wire arrangements consult factory	
Mounting Accessories	
Quick Hanger	
3' Chain	TE-SH-3
5' Chain	TE-SH-5
10' Cable	TE-YT-10
Toggle Kit	



Description

Designed for installations where corrosion and moisture are present. AccuLite E-Series weather-proof fluorescent luminaires are installed indoors in industrial process areas, food processing plants, poultry farms, refrigeration units, car washes and underground parking areas. Suitable for outdoor applications.

Features

Construction Polyester reinforced compound housing and high impact acrylic diffuser • Celcon snap action clips secure the lens • Conduit entry on both ends • Continuous poured gasket • Standard white reflector • Optional specular reflector

Non-Metallic Exterior components are non-metallic and chemical resistant

Moist and Corrosive Areas Designed for food processing plants, refrigeration units, industrial processing, car washes, etc.

Listing UL1598/CSA C22.2 250

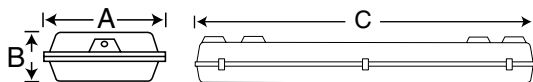
Ordering Information Example: ELF4-432-2-P-S-F2

Series	Lamp (Number/Watts/Type)	Voltage	Ballast	Reflector Finish	Options
ELF4	-432	-2	-P	-S	-F2
ELF4 4' Fixture	- 432 4x32W T8 - 632 6x32W T8	- U 120-277V - 1 120V - 2 277V	- P Programmed Start - H High ballast factor Instant start - N Normal ballast factor Instant start	- W Standard white reflector - S Optional specular reflector	- F1 Single fuse - F2 Double fuse - L5 Installed lamps 5100K - L4 Installed lamps 4100K - E1* Emergency ballast 1 lamp (120V or 277V only) - E2*† Emergency ballast 2 lamp (120V or 277V only)
	- 454 4x54W T5HO - 654 6x54W T5HO	- U 120-277V - 1 120V - 2 277V	- P Programmed Start		

* Must specify voltage
† Available with T8 fixtures only

Dimensions

	A	B	C
4 ft. fixture	17 5/8"	6 5/8"	51"



Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Hanging Bracket Accessory (does not include chain)	ELF-WIDE-HNGKT
Motion Sensor IP65, Low Bay, 120-277V	IPMS-LB
Motion Sensor IP65, High Bay, 120-277V	IPMS-HB



UI LABS' DMDII, Schuler Shook, Lighting Designers; Christopher Barrett Photography



16" Reflector
Special Color



16" Reflector
with Deco-Disc
and Deco-Bands
Silver Finish



16" Reflector
with Deco-Disc
with Center Hole
and Deco-Rods
Silver Finish



16" Reflector
with Deco-Ring
and Deco-Bands
Special Color



16" Reflector
with Deco-Ring
and Deco-Rods
Silver Finish

Description

Designed for highbay and lowbay applications in commercial and retail settings. With multitude of lumen packages, reflector sizes and materials, colors and accessories, the Exeter E3 can be customized to fit the specific look and light output today's lighting designs require.

Features

Optics Standard reflectors are 16" glass • Aluminum and acrylic reflectors are also available

Mount 1/2" or 3/4" hub for stem • Cable suspension

Construction Extruded aluminum housing, molded reflector optics • Cast and formed accessory bands, rods and rings can be added to customize the look of the fixture • Tempered glass lenses (deco discs) in clear or frosted finish can also be supplied with or without a center hole for a decorative look

Finish White, black or silver polyester powder coat • Optional custom colors • Deco-Bands and rings are painted to match housing color

Optional Deco-Trim Deco-Bands • Deco-Disc (glass bottom lens with or without handhole) • Deco-Ring for bottom of the luminaire • Deco-Rods

Thermal Management An exclusive active cooling system design forces air through the housing cooling the internal heat sink and drivers

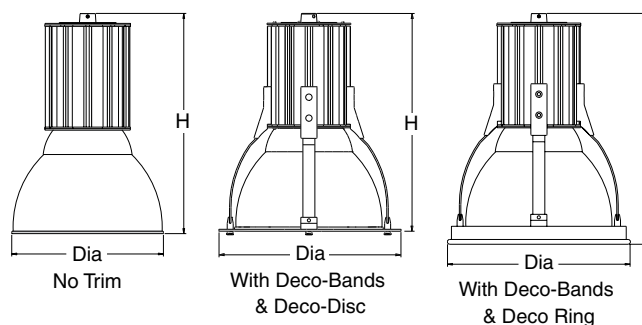
Driver Electronic driver with universal 120-277V input • Also available for 347V and 480V

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

Deduct 3/4" when ordered with cable suspension

Reflector	Trim Suffix	Dia.	H
G16	No Trim	15 5/8"	22 3/8"
	With Deco-Disc	18"	22 1/4"
	With Deco-Ring	18 3/8"	23 3/8"



Ordering Information Example: E3-A090-3K-UN-G16-WF-SR-CS

Series	Engine Code	CCT	Driver Voltage	Optics	Trim & Lens	Finish	Mounting/Options
E3	-A090	-3K	-UN	-G16	-WF	-SR	-CS
E3 Exeter	- A090 LED 10,000 Lumens 125 Watts - A075 LED 8,000 Lumens 105 Watts - A060 LED 7,000 Lumens 85 Watts - A045 LED 5,000 Lumens 65 Watts	- 3K 3000K - 35K 3500K - 4K 4000K	- UN 120-277V - E1 120V - E2 277V - E3 347V - E4 480V	Glass Reflector - G16 16" dia.	Blank No trim or lens Bands and Deco-Disc Four Deco-Bands attach to the trim accessory. Deco-Bands are painted to match the housing color. Deco-Discs are tempered glass. - WG Deco-Disc, clear - WF Deco-Disc, frosted - WJ Deco-Disc with center hole, clear - WK Deco-Disc with center hole, frosted Bands and Deco-Ring Four Deco-Bands attach to the trim accessory. Deco-Bands and Deco-Rings are painted to match the housing color. - WB Deco-Ring only - WBJ Deco-Ring with glass lens, clear with center hole - WBK Deco-Ring with glass lens, frosted with center hole Rods and Deco-Disc With four Deco-Rods attached to the trim accessory. Deco-Rods are chrome plated. - TG Deco-Disc, clear - TF Deco-Disc, frosted - TJ Deco-Disc with center hole, clear - TK Deco-Disc with center hole, frosted Rods and Deco-Ring With four Deco-Rods attached to the trim accessory. Deco-Rods are chrome plated. - TB Deco-Ring only - TBJ Deco-Ring with clear bottom lens with center hole - TBK Deco-Ring with frosted bottom lens with center hole	- WH White - BL Black - SR Silver Custom Colors Consult Factory. Provide RAL color number.	Mounting No suffix 1/2" or 3/4" Hub - CS Provision for cable suspension kit (order kit separately - see page 771) Option - D 0-10VDC Dimming Driver (not available with CS option)

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
White Concentric Ring Louver for 16" reflector Can NOT be combined with lenses, rings, or other decorative accessories.	LV16G-WH
Cable Suspension Kits (see page 771) Features Mount 1/16" aircraft cable • Secured with an "Auto-Lock" cable grip Cords Straight or coiled in black or white • Straight cords are also available in silver • Standard lengths are 18", 48" and 120" Finish Canopy is powder coated steel, suspension hardware is nickel plated • Designer colors available	
Hang Straight Kit (see page 771) Features Installation Mounts on 4" octagonal box • 3/8" stem • Suitable for any plumb hanging luminaire Cushion Hanger 3/4" hangers feature a spring loaded cushion hanger assembly	



12" Reflector
Special Color



12" Reflector
with Deco-Disc
with Center Hole
and Deco-Bands
Special Color



12" Reflector
with Deco-Disc
and Deco-Rods
Special Color



16" Reflector
Silver Finish



16" Reflector
with Deco-Disc
and Deco-Bands
Silver Finish



16" Reflector
with Deco-Ring
and Deco-Bands
Silver Finish



16" Reflector
with Deco-Disc
with Center Hole
and Deco-Rods
Silver Finish



16" Reflector
with Deco-Ring
and Deco-Rods
Special Color



22" Reflector
Silver Finish



22" Reflector
with Deco-Disc
and Deco-Rods
Silver Finish

Description

Designed for highbay and lowbay applications in commercial and retail settings. With multitude of lumen packages, reflector sizes and materials, colors and accessories, the Exeter E3 can be customized to fit the specific look and light output today's lighting designs require.

Features

Optics Standard reflectors are clear prismatic acrylic • 12", 16" and 22" diameter (Designer colors are offered with translucent or opaque finishes, consult factory for details)

• Glass and Aluminum reflectors are also available

Mount 1/2" or 3/4" hub for stem • Cable suspension

Construction Extruded aluminum housing, pure acrylic reflector optics • Cast and formed accessory bands, rods and rings can be added to customize the look of the fixture

• Tempered glass lenses (deco discs) in clear or frosted finish

can also be supplied with or without a center hole for a decorative look

Finish White, black or silver polyester powder coat

• Optional custom colors • Deco-Bands and rings are painted to match housing color

Optional Deco-Trim Deco-Bands • Deco-Disc (glass bottom lens with or without handhole) • Deco-Ring for bottom of the luminaire • Deco-Rods

Thermal Management An exclusive active cooling system design forces air through the housing cooling the internal heat sink and drivers

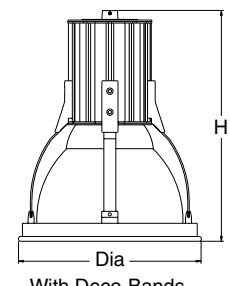
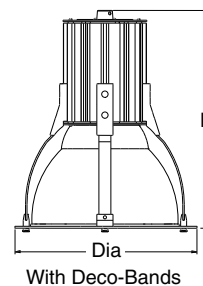
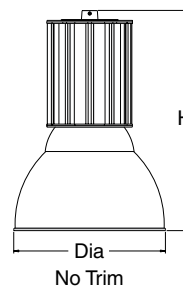
Driver Electronic driver with universal 120-277V input • Also available for 347V and 480V

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

Deduct 3/4" when ordered with cable suspension

Reflector	Trim Suffix	Dia.	H
A12	No Trim	12"	18"
	With Deco-Disc	14"	18 5/8"
	With Deco-Ring	14 1/2"	19 3/4"
A16	No Trim	16"	21 7/8"
	With Deco-Disc	18"	22 1/4"
	With Deco-Ring	18 3/8"	23 5/8"
A22	No Trim	22"	23 1/2"
	With Deco-Disc	24"	27 7/8"
	With Deco-Ring	24 5/8"	25 1/2"



Ordering Information Example: E3-A090-3K-UN-A16-WF-SR-CS

Series	Engine Code	CCT	Driver Voltage	Optics	Trim & Lens	Finish	Mounting/Options
E3	-A090	-3K	-UN	-A16	-WF	-SR	-CS
E3 Exeter	- A090 LED 10,000 Lumens 125 Watts	- 3K 3000K	- UN 120-277V	Clear Acrylic Reflector - A12 12" dia.	Blank No trim or lens	- WH White	Mounting No suffix 1/2" or 3/4" Hub
	- A075 LED 8,000 Lumens 105 Watts	- 35K 3500K	- E1 120V	- A16 16" dia.	Bands and Deco-Disc Four Deco-Bands attach to the trim accessory. Deco-Bands are painted to match the housing color. Deco-Discs are tempered glass.	- BL Black	- CS Provision for cable suspension kit (order kit separately - see page 771)
	- A060 LED 7,000 Lumens 85 Watts	- 4K 4000K	- E2 277V	- A22 22" dia.	- WG Deco-Disc, clear	- SR Silver	- CS Provision for cable suspension kit (order kit separately - see page 771)
	- A045 LED 5,000 Lumens 65 Watts		- E3 347V	Translucent Acrylic Reflector - T12W 12" dia.	- WF Deco-Disc, frosted	Custom Colors Consult Factory. Provide RAL color number.	Option - D 0-10VDC Dimming Driver (not available with CS option)
			- E4 480V	- T16W 16" dia.	- WJ Deco-Disc with center hole, clear		
				- T22W 22" dia.	- WK Deco-Disc with center hole, frosted		
				Opaque White Acrylic Reflector - O12W 12" dia.	Bands and Deco-Ring Four Deco-Bands attach to the trim accessory. Deco-Bands and Deco-Rings are painted to match the housing color.		
				- O16W 16" dia.	- WB Deco-Ring only		
				- O22W 22" dia.	- WBJ Deco-Ring with glass lens, clear with center hole		
				Color Acrylic Consult factory for options	- WBK Deco-Ring with glass lens, frosted with center hole		

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
White Concentric Ring Louver for 12" reflector	LV12A-WH
White Concentric Ring Louver for 16" reflector	LV16A-WH
White Concentric Ring Louver for 22" reflector	LV22A-WH
Can NOT be combined with lenses, rings, or other decorative accessories.	
Cable Suspension Kits (see page 771)	
Features	
Mount 1/16" aircraft cable • Secured with an "Auto-Lock" cable grip	
Cords Straight or coiled in black or white • Straight cords are also available in silver • Standard lengths are 18", 48" and 120"	
Finish Canopy is powder coated steel, suspension hardware is nickel plated • Designer colors available	
Hang Straight Kit (see page 771)	
Features	
Installation Mounts on 4" octagonal box • 3/8" stem • Suitable for any plumb hanging luminaire	
Cushion Hanger 3/4" hangers feature a spring loaded cushion hanger assembly	

Rods and Deco-Disc With four Deco-Rods attached to the trim accessory. Deco-Rods are chrome plated.
- TG Deco-Disc, clear
- TF Deco-Disc, frosted
- TJ Deco-Disc with center hole, clear
- TK Deco-Disc with center hole, frosted
Rods and Deco-Ring With four Deco-Rods attached to the trim accessory. Deco-Rods are chrome plated.
- TB Deco-Ring only
- TBJ Deco-Ring with clear bottom lens with center hole
- TBK Deco-Ring with frosted bottom lens with center hole



12" Reflector
Silver Finish



12" Reflector
with Deco-Disc
with Center Hole
and Deco-Bands



12" Reflector
with Deco-Ring
and Deco-Bands



16" Reflector
Silver Finish



16" Reflector
Special Color
and Accessory
Louver



16" Reflector
with Deco-Ring
and Deco-Bands
Special Color



16" Reflector
with Deco-Ring
and Deco-Rods



22" Reflector
Silver Finish



22" Reflector
with Deco-Ring
and Deco-Bands
Silver Finish



22" Reflector
with Deco-Disc
and Deco-Rods
Silver Finish

Description

Designed for highbay and lowbay applications in commercial and retail settings. With multitude of lumen packages, reflector sizes and materials, colors and accessories, the Exeter E3 can be customized to fit the specific look and light output today's lighting designs require.

Features

Optics Standard reflectors are spun aluminum • 12", 16" and 22" diameter • Glass and Acrylic reflectors are also available

Mount 1/2" or 3/4" hub for stem • Cable suspension

Construction Extruded aluminum housing, aluminum reflector optics • Cast and formed accessory bands, rods and rings can be added to customize the look of the fixture • Tempered glass lenses (deco discs) in clear or frosted finish can also be supplied with or without a center hole for a decorative look

Finish White, black or silver polyester powder coat • Optional custom colors • Deco-Bands and rings are painted to match housing color

Optional Deco-Trim Deco-Bands • Deco-Disc (glass bottom lens with or without handhole) • Deco-Ring for bottom of the luminaire • Deco-Rods

Thermal Management An exclusive active cooling system design forces air through the housing cooling the internal heat sink and drivers

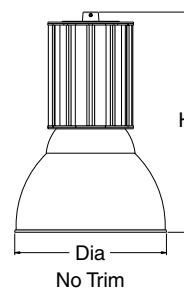
Driver Electronic driver with universal 120-277V input • Also available for 347V and 480V

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

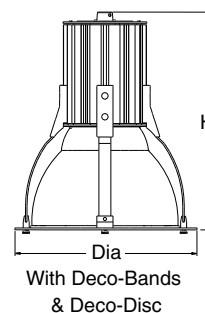
Dimensions

Deduct 3/4" when ordered with cable suspension

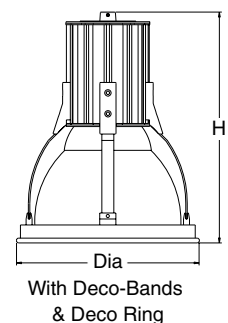
Reflector	Trim Suffix	Dia.	H
S12	No Trim	12"	18"
	With Deco-Disc	14"	18 5/8"
	With Deco-Ring	14 1/2"	19 3/4"
S16	No Trim	16"	21 7/8"
	With Deco-Disc	18"	22 1/4"
	With Deco-Ring	18 3/8"	23 5/8"
S22	No Trim	22"	23 1/2"
	With Deco-Disc	24"	27 7/8"
	With Deco-Ring	24 5/8"	25 1/2"



No Trim



With Deco-Bands
& Deco-Disc



With Deco-Bands
& Deco Ring

Ordering Information Example: E3-A090-3K-UN-S16-WF-SR-CS

Series	Engine Code	CCT	Driver Voltage	Optics	Trim & Lens	Finish	Mounting/Options
E3	-A090	-3K	-UN	-S16	-WF	-SR	-CS
E3 Exeter	- A090 LED 10,000 Lumens 125 Watts - A075 LED 8,000 Lumens 105 Watts - A060 LED 7,000 Lumens 85 Watts - A045 LED 5,000 Lumens 65 Watts	- 3K 3000K - 35K 3500K - 4K 4000K	- UN 120-277V - E1 120V - E2 277V - E3 347V - E4 480V	Aluminum Reflector, Anodized - S12 12" dia. - S16 16" dia. - S22 22" dia. Aluminum Reflector, Painted Outside of reflector is painted to match the housing color. Inside of reflector is anodized. - S12R 12" dia. - S16R 16" dia. - S22R 22" dia. (not available with SR housing color)	Blank No trim or lens Bands and Deco-Disc Four Deco-Bands attach to the trim accessory. Deco-Bands are painted to match the housing color. Deco-Discs are tempered glass. - WG Deco-Disc, clear - WF Deco-Disc, frosted - WJ Deco-Disc with center hole, clear - WK Deco-Disc with center hole, frosted Bands and Deco-Ring Four Deco-Bands attach to the trim accessory. Deco-Bands and Deco-Rings are painted to match the housing color. - WB Deco-Ring only - WBJ Deco-Ring with glass lens, clear with center hole - WBK Deco-Ring with glass lens, frosted with center hole Rods and Deco-Disc With four Deco-Rods attached to the trim accessory. Deco-Rods are chrome plated. - TG Deco-Disc, clear - TF Deco-Disc, frosted - TJ Deco-Disc with center hole, clear - TK Deco-Disc with center hole, frosted Rods and Deco-Ring With four Deco-Rods attached to the trim accessory. Deco-Rods are chrome plated. - TB Deco-Ring only - TBJ Deco-Ring with clear bottom lens with center hole - TBK Deco-Ring with frosted bottom lens with center hole Cross Baffle Louver - X Cross Baffle Louver (not available with lens)	- WH White - BL Black - SR Silver Custom Colors Consult Factory. Provide RAL color number.	Mounting No suffix 1/2" or 3/4" Hub - CS Provision for cable suspension kit (order kit separately - see page 771) Option - D 0-10VDC Dimming Driver (not available with CS option)

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Silver Concentric Ring Louver for 12" reflector	LV12S-SR
Silver Concentric Ring Louver for 16" reflector	LV16S-SR
Silver Concentric Ring Louver for 22" reflector	LV22S-SR

Can NOT be combined with lenses, rings, or other decorative accessories.

Cable Suspension Kits (see page 771)

Features

- Mount** 1/16" aircraft cable • Secured with an "Auto-Lock" cable grip
- Cords** Straight or coiled in black or white • Straight cords are also available in silver • Standard lengths are 18", 48" and 120"
- Finish** Canopy is powder coated steel, suspension hardware is nickel plated
- Designer colors available

Hang Straight Kit (see page 771)

Features

- Installation** Mounts on 4" octagonal box • 3/8" stem • Suitable for any plumb hanging luminaire
- Cushion Hanger** 3/4" hangers feature a spring loaded cushion hanger assembly



**E2: 12" Acrylic Reflector
Housing - Designer Red finish**



**E2: 12" Aluminum Reflector
Housing - Designer Candy Apple Green finish
Reflector - Painted To Match Housing
(Suffix S12R)**

Description

General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Optics 12" spun aluminum • Premium Reflexor® acrylic 12" reflectors include clear, three shades of white, pastel or vibrant colors, granite and silver • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID and INC - specification grade porcelain, medium base • HID fixtures are supplied with a lampholder for open rated metal halide lamps • CFL - 4 pin GX24Q base

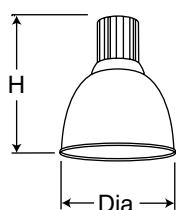
Integral Ballast Compact fluorescent, electronic ballast, maximum 57W • Pulse start metal halide, electronic ballast, maximum 100W • Incandescent max 150W

Remote Ballast Order separately • See RFB Series Remote Ballasts section to order • Consult maximum allowable lamp to ballast distance chart found with the remote ballast ordering data

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

Series / Reflector	Dia.	H
Acrylic (-A12)	12"	15 3/4"
Aluminum (-S12)	12"	17"



Reflector Application Guide

Reflexor® reflectors - Ambient 25°C

	Color	CFL			Incandescent			HID		
		70	100	150	50PS	70PS	100PS	150PS	175MH	175PS
Clear		Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
White	Opaque	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
	Translucent	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
	Pearl	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a

YES Available up to indicated wattage




Open Open fixture only, not available with bottom closure, requires socket for protected lamp to meet NEC

n/a Not available

Ordering Information Example: E2-70PS-UN-A12-B-SR-CS

Series	Lamp (Watts/Type)	Ballast	Reflector	Trim & Lenses	Housing Color	Mounting
E2	-70PS	-UN	-A12	-B	-SR	-CS
E2	<ul style="list-style-type: none"> Pulse Start Metal Halide† ‡ Open fixtures furnished with ANSI Type "O" lamp holder ED17 - Medium base 50PS, 70PS, 100PS Compact Fluorescent GX24Q base One lamp 126CF, 132CF, 142CF, 157CF Incandescent Medium base 150IN 	ELECTRONIC BALLASTS (Integral) Pulse Start Metal Halide Max. 100W - UN 120V - 277V - E34 347V Compact Fluorescent - UN 120V - 277V - E34 347V REMOTE BALLAST‡ Order remote ballast separately No Suffix Consult chart found with the remote ballast ordering information to determine maximum lamp to ballast distance See RFB and RBR Series Remote Ballast sections	Acrylic* - A12 12" Dia. Clear Acrylic Colored Acrylic* See Reflector Options below Aluminum - S12 12" Dia. Natural finish Anodized - S12R 12" Dia. Outside surface of the reflector is painted the same color as the housing Consult factory for a reflector painted a different color than the housing	Basic Luminaire No trim supplied (Lens not available) No Suffix Acrylic Bottom Lens For use with acrylic reflectors, includes clamp band - C 12" Conical lens - D 12" Dome lens Deco-Ring (Deco-Rings are painted to match the housing color) - B Ring only Cross Baffle Louver - X Aluminum reflectors only Concentric Ring Louver See Accessories	Housing Color - WH White - BL Black - SR Silver Designer Colors Consult Factory	Stem No Suffix Hub for use with 1/2" or 3/4" stem Cable Suspension - CS Provision for Cable Suspension (Order kit separately) Available with remote ballast HID and all integral ballast luminaires and all incandescent

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace reflector suffix with...	
Whites	
-T12W  Translucent	-O12W  Opaque
-P12W  Pearl	

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Concentric Ring Louver Not available with bottom lens 12" acrylic, white finish 12" aluminum, silver finish	LV12A-WH LV12S-SR
Cable Suspension Kits Remote HID or Integral ballast fixtures only order separately from Accessories section Not suitable for remote ballast CFL fixtures	
Hang Straight Kits - order separately from Accessories section	
Lamp - by others	

* Acrylic Reflectors:

Reflexor® - Acrylic optics by Lexalite™
Maximum wattage - see the Reflector Application Guide to the left.
Not recommended for oily environments, consult factory.

† Metal Halide:

NEC compliance: Open Pulse Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

• Fixtures are **ENERGY EFFICIENT**.



**E2: 16" Aluminum Reflector
Housing - Designer Candy Apple Red finish**



**E2: 16" Acrylic Reflector with Louver (Accessory)
Housing - Designer Copper finish**



**E2: 16" Aluminum Reflector with Cross Baffle
Housing - Designer Goldenrod finish
Reflector - Painted to match the housing
(Suffix S16R)**



Multi-Lamp Plug & Play:
1: Install stem
2: Attach luminaire top plate
3: Plug color coded harness into the ballast
4: Plug in the luminaire

Description

General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Multi-Lamp Plug and Play This unique factory installed wiring harness makes installation of multi-lamp compact fluorescent fast and easy • AccuLite remote ballasts are supplied with the mating connector • 1: Attach the stem, 2: Attach the luminaire top plate, 3: Plug the color coded wire bundles into the ballasts (the wiring is bundled with one bundle per ballast), 4: Plug the luminaire into the wiring harness

Optics Three styles of 16" diameter reflectors, prismatic borosilicate glass, spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Electronic Ballast Compact fluorescent maximum four 42W or two 70W lamps • Pulse start metal halide maximum 100W

Remote Ballast Order remote ballast separately • See RFB Series Remote Ballasts section • Consult maximum allowable lamp to ballast distance chart found with the remote ballast ordering data • Maximum 4 X 70W CFL or 400W HID

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

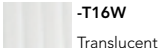
Dimensions

Series / Reflector	Dia.	H
Acrylic (-A16)	16"	19 1/2"
Glass (-G16)	15 3/8"	19 3/4"
Aluminum (-S16)	16"	19 1/2"

Ordering Information Example: E2-442CF-UN-A16-B-SR-CS

Series	Lamp (Watts/Type)	Ballast	Reflector	Trim & Lenses	Color	Housing Options
E2	-442CF	-UN	-A16	-B	-SR	-CS
E2	<p>● Pulse Start Metal Halide† Fixtures furnished with ANSI Type "O" lamp holder</p> <p>ED17 - Medium base 50PS, 70PS, 100PS § E {150PS†}</p> <p>ED28 - Mogul base E {175PS, 200PS, 250PS†}</p> <p>ED37 - Mogul base E {320PS, 350PS, 400PS†}</p> <p>Probe Start Metal Halide† Fixtures furnished with ANSI Type "O" lamp holder</p> <p>ED28 - Mogul base § {175MH, 250MH}</p> <p>ED37 - Mogul base § {400MH}</p> <p>● Compact Fluorescent GX24Q base</p> <p>One lamp - Integral or Remote Ballast 126CF, 132CF, 142CF, 157CF, 170CF</p> <p>Two lamps - Integral or Remote Ballast 226CF, 232CF, 242CF, 257CF, 270CF</p> <p>Three lamps - Integral Ballast 326CF, 332CF, 342CF</p> <p>Three lamps - Remote Ballast 326CF, 332CF, 342CF, 357CF, 370CF</p> <p>Four lamps - Integral Ballast 426CF, 432CF, 442CF</p> <p>Four lamps - Remote Ballast 426CF, 432CF, 442CF, 457CF, 470CF</p> <p>Incandescent Mogul base 300IN, 500IN 500W Acrylic (open fixture only)</p>	<p>ELECTRONIC BALLASTS (Integral)</p> <p>Pulse Start Metal Halide Max. 100W - UN 120V - 277V - E34 347V</p> <p>Compact Fluorescent Max. 4 lamp X 42W 2 lamp X 70W - UN 120V - 277V - E34 347V</p> <p>REMOTE BALLAST‡ Order remote ballast separately No Suffix</p> <p>Consult chart found with the remote ballast ordering information to determine maximum lamp to ballast distance See RFB and RBR Series Remote Ballast sections</p>	<p>Glass - G16 16" Dia. Borosilicate glass</p> <p>Acrylic* - A16 16" Dia. Clear Acrylic</p> <p>Colored Acrylic* See Reflector Options below</p> <p>Aluminum - S16 16" Dia. Natural finish Anodized</p> <p>Colored Aluminum - S16R 16" Dia. Outside surface of the reflector is painted the same color as the housing</p> <p>Consult factory for a reflector painted a different color than the housing</p>	<p>Basic Luminaire No trim supplied No Suffix</p> <p>Acrylic Bottom Lens For use with acrylic reflectors, includes clamp band</p> <p>- C 16" Conical lens - D 16" Drop lens</p> <p>Deco-Ring Deco-Rings are painted to match housing color - B Ring only</p> <p>Cross Baffle Louver - X Aluminum reflectors only. Available for ED17 lamps only.</p> <p>Concentric Ring Louver See Accessories</p>	<p>Housing Color - WH White - BL Black - SR Silver</p> <p>Designer Colors Consult Factory</p>	<p>Stem No Suffix Hub for use with 1/2" or 3/4" stem</p> <p>Cable Suspension - CS Provision for Cable Suspension (Order kit separately)</p> <p>Available with remote ballast HID and all integral ballast luminaires and all incandescent</p>

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace reflector suffix with ...	
Whites	
 -T16W	-O16W
Translucent	Opaque

* Acrylic Reflectors:

Reflexor® acrylic optics by Lexalite™
Maximum: 400W open reflector, 250W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† Metal Halide:

EISA -Pulse Start MH: 150W electronic & all 175W - 400W meet EISA requirements.
NEC compliance: Pulse Start & Probe Start MH fixtures are furnished with a lamp-holder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

§ Not for use in the United States when magnetic ballast is installed.

● Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Concentric Ring Louver	Not available with bottom lens
	16" glass, white finish LV16G-WH
	16" acrylic, white finish LV16A-WH
	16" aluminum, silver finish LV16S-SR
Cable Suspension Kits	Remote HID, Integral ballast, or incandescent fixtures only Order separately from Accessories section Not suitable for remote ballast CFL fixtures

Hang Straight Kits - order separately from Accessories section

Lamp - by others



E2: 22" Acrylic Reflector
Housing - Standard White finish



E2: 22" Aluminum Reflector
Housing - Standard White Finish
Reflector - Standard Anodized finish



Multi-Lamp Plug & Play:

- 1: Install stem
- 2: Attach luminaire top plate
- 3: Plug color coded harness into the ballast
- 4: Plug in the luminaire

Description

General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Multi-Lamp Plug and Play This unique factory installed wiring harness makes installation of multi-lamp compact fluorescent fast and easy • AccuLite remote ballasts are supplied with the mating connector • 1: Attach the stem, 2: Attach the luminaire top plate, 3: Plug the color coded wire bundles into the ballasts (the wiring is bundled with one bundle per ballast), 4: Plug the luminaire into the wiring harness

Optics Two styles of 22" diameter reflectors: spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

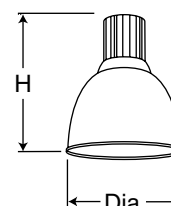
Integral Electronic Ballast Compact fluorescent maximum four 42W or two 70W lamps • Pulse start metal halide maximum 100W

Remote Ballast Order remote ballast separately • See RFB Series Remote Ballasts section • Consult maximum allowable lamp to ballast distance chart found with the remote ballast ordering data • Maximum 4 X 70W CFL, 8 X 42W CFL or 400W HID

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions



Series / Reflector	Dia.	H
Acrylic (-A22)	22"	21 3/4"
Aluminum (-S22)	21 1/4"	22 1/4"



Ordering Information Example: E2-400PS-S22-X-SR-CS

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E2	-400PS	-	-S22	-X	-SR	-CS
E2	<p>Pulse Start Metal Halide† Fixtures furnished with ANSI Type "O" lamp</p> <p>ED17 - Medium base 50PS, 70PS, 100PS § ⓔ {150PS†}</p> <p>ED28 - Mogul base ⓔ {175PS, 200PS, 250PS†}</p> <p>ED37 - Mogul base ⓔ {320PS, 350PS, 400PS†}</p> <p>Probe Start Metal Halide† Fixtures furnished with ANSI Type "O" lamp</p> <p>ED28 - Mogul base § {175MH, 250MH}</p> <p>ED37 - Mogul base § {400MH}</p> <p>Compact Fluorescent GX24Q base</p> <p>One lamp Integral or Remote Ballast 126CF, 132CF, 142CF, 157CF, 170CF</p> <p>Two lamps Integral or Remote Ballast 226CF, 232CF, 242CF, 257CF, 270CF</p> <p>Three lamps - Integral Ballast 326CF, 332CF, 342CF</p> <p>Three lamps - Remote Ballast 326CF, 332CF, 342CF, 357CF, 370CF</p> <p>Four lamps - Integral Ballast 426CF, 432CF, 442CF</p> <p>Four lamps - Remote Ballast 426CF, 432CF, 442CF, 457CF, 470CF</p> <p>Six lamps - Remote Ballast 626CF, 632CF, 642CF</p> <p>Eight lamps - Remote Ballast 826CF, 832CF, 842CF</p> <p>Incandescent Mogul base 300IN, 500IN 500W Acrylic (open fixture only)</p>	<p>ELECTRONIC BALLASTS (Integral)</p> <p>Pulse Start Metal Halide Max. 100W - UN 120V - 277V - E34 347V</p> <p>Compact Fluorescent Max. 4 lamp X 42W 2 lamp X 70W - UN 120V - 277V - E34 347V</p> <p>REMOTE BALLAST‡ Order remote ballast separately No Suffix</p> <p>Consult chart found with the remote ballast ordering information to determine maximum lamp to ballast distance See RFB and RBR Series Remote Ballast sections</p>	<p>Acrylic* - A22 22" Dia. Clear Acrylic</p> <p>Colored Acrylic* See Reflector Options below</p> <p>Aluminum - S22 22" Dia. Natural finish Anodized</p> <p>Colored Aluminum - S22R 22" Dia. Outside surface of the reflector is painted the same color as the housing</p> <p>Consult factory for a reflector painted a different color than the housing</p>	<p>Basic Luminaire No trim supplied No Suffix</p> <p>Acrylic Bottom Lens For use with acrylic reflectors, includes clamp band - C 22" Conical lens - D 22" Drop lens</p> <p>Deco-Ring Deco-Rings are painted to match housing color - B Ring only</p> <p>Cross Baffle Louver - X Aluminum reflectors only</p> <p>Concentric Ring Louver See Accessories</p>	<p>Housing Color - WH White - BL Black - SR Silver</p> <p>Designer Colors Consult Factory</p>	<p>Stem No Suffix Hub for use with 1/2" or 3/4" stem</p> <p>Cable Suspension - CS Provision for Cable Suspension (Order kit separately)</p> <p>Available with remote ballast HID and all integral ballast luminaires and all incandescent</p>

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
 -T22W	 -O22W
Translucent	Opaque

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Concentric Ring Louver Not available with bottom lens 22" acrylic, white finish 22" aluminum, silver finish	LV22A-WH LV22S-SR
Cable Suspension Kits Remote HID or Integral ballast fixtures only order separately from Accessories section Not suitable for remote ballast CFL fixtures	

Hang Straight Kits - order separately from Accessories section
Lamp - by others

* **Acrylic Reflectors:**
Reflexor® acrylic optics by Lexalite™
Maximum: 400W open reflector, 250W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
ⓔ **EISA-Pulse Start MH:** 150W electronic & all 175W - 400W meet EISA requirements.
NEC compliance: Pulse Start & Probe Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

§ **Not for use in the United States when magnetic ballast is installed.**

• Fixtures are **ENERGY EFFICIENT**.



E3: 12" Acrylic Reflector
Designer Regal Blue finish



E3: 12" Aluminum Reflector
Standard silver finish with anodized reflector

Description

General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Optics 12" spun aluminum • Premium Reflexor® acrylic 12" reflectors include clear, three shades of white, pastel or vibrant colors, granite and silver • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension
• Hang straight stems

Construction Extruded aluminum housing

Finish White, black or silver polyester powder coat • Designer colors can be specified

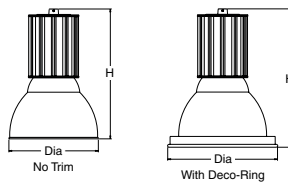
Lampholder HID - specification grade porcelain, medium base

• HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base
• Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum one lamp at 57W • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 100W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions



Reflector	Trim Suffix	Dia.	H
A12	No Trim	12"	18"
	With Deco-Ring	14 1/2"	19 1/4"
S12	No Trim	12"	18"
	With Deco-Ring	14 1/2"	19 1/4"

Reflector Application Guide

Reflexor® reflectors - Ambient 25°C

Color	CFL		Incandescent		HID					
	70	100	150	50PS	70PS	100PS	150PS	175MH	175PS	
Clear	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a	
White Opaque	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a	
Translucent	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a	
Pearl	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

YES Available up to indicated wattage




Open Open fixture only, not available with bottom closure, requires socket for protected lamp to meet NEC

n/a Not available

Ordering Information Example: E3-126CF-UN-A12-B-SR-CS

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3	-126CF	-UN	-A12	-B	-SR	-CS
E3	<ul style="list-style-type: none"> Pulse Start Metal Halide† Fixtures furnished with ANSI Type "O" lampholder ED17 - Medium base 50PS, 70PS, 100PS Compact Fluorescent GX24Q base One lamp 126CF, 132CF, 142CF, 157CF Incandescent Medium base 150IN 	ELECTRONIC BALLASTS (Integral) Pulse Start Metal Halide Max. 175W - E12 120V - E27 277V Max. 150W - E34 347V Compact Fluorescent Max. 57W - UN 120V - 277V - E34 347V	Acrylic* - A12 12" Dia. Clear Acrylic Colored Acrylic* See Reflector Options below Aluminum - S12 12" Dia. Natural finish Anodized S12R 12" Dia. Outside surface of the reflector is painted the same color as the housing Consult factory for a reflector painted a different color than the housing	Basic Luminaire No trim supplied No Suffix Acrylic Bottom Lens For use with acrylic reflectors, includes clamp band - C 12" Conical lens - D 12" Dome lens Deco-Ring Deco-Rings are painted to match housing color - B Ring only Cross Baffle Louver - X Aluminum reflectors only Concentric Ring Louver See Accessories	Housing Color - WH White - BL Black - SR Silver Designer Colors Consult Factory	Stem No Suffix Hub for use with 1/2" or 3/4" stem Cable Suspension - CS Provision for Cable Suspension (Order kit separately)

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace reflector suffix with...	
Whites	
 - T12W Translucent	 - O12W Opaque
 - P12W Pearl	

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Concentric Ring Louver Not available with bottom lens or bottom ring	
12" acrylic	LV12A-WH
12" aluminum	LV12S-SR
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures	
Hang Straight Kits - order separately from Accessories section	
Lamp - by others	

* **Acrylic Reflectors:**
Reflexor® - Acrylic optics by Lexalite™
Maximum wattage - see the Reflector Application Guide to the left.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
NEC compliance: Open Pulse Start MH fixtures are furnished with a lamp-holder for use with an open rated (protected) lamp, ANSI Type "O".

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".



E3: 16" Acrylic Reflector
Designer Gold finish



E3: 16" Glass Reflector
Designer Candy Apple Red finish



E3: 16" Aluminum Reflector
Accessories: Louvre
Designer Etruscan Olive finish
(Suffix S16R)

Description

General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Optics Three styles of 16" diameter reflectors: prismatic borosilicate glass, spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

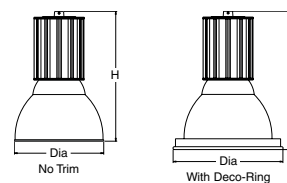
Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum four 70W lamps • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 400W • Probe start metal halide is only available in Canada, magnetic ballast, maximum 400W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions




Reflector	Trim Suffix	Dia.	H
A16	No Trim	16"	21 7/8"
	With Deco-Ring	18 3/8"	22 7/8"
G16	No Trim	15 3/8"	22 3/8"
	With Deco-Ring	18 3/8"	23 3/8"
S16	No Trim	16"	22 1/8"
	With Deco-Ring	18 3/8"	23 1/8"

Ordering Information Example: E3-442CF-UN-A16-B-SR-CS

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3	-442CF	-UN	-A16	-B	-SR	-CS
E3	<p>Pulse Start Metal Halide† Fixtures furnished with ANSI Type "O" lampholder</p> <p>ED17 - Medium base 50PS, 70PS, 100PS § {150PS†}</p> <p>ED28 - Mogul base § {175PS, 200PS, 250PS†}</p> <p>ED37 - Mogul base § {320PS, 350PS, 400PS†}</p> <p>Probe Start Metal Halide† Fixtures furnished with ANSI Type "O" lampholder</p> <p>ED28 - Mogul base § {175MH, 250MH}</p> <p>ED37 - Mogul base § {400MH}</p> <p>Compact Fluorescent GX24Q base</p> <p>One lamp 126CF, 132CF, 142CF, 157CF, 170CF</p> <p>Two lamps 226CF, 232CF, 242CF, 257CF, 270CF</p> <p>Three lamps 326CF, 332CF, 342CF, 357CF, 370CF</p> <p>Four lamps 426CF, 432CF, 442CF, 457CF, 470CF</p> <p>Incandescent Mogul base 300IN, 500IN 500W Acrylic (open fixture only)</p>	<p>ELECTRONIC BALLASTS (Integral)</p> <p>Pulse Start Metal Halide Max. 175W - E12 120V - E27 277V Max. 150W - E34 347V</p> <p>Compact Fluorescent Max. 4 X 70W - UN 120V - 277V - E34 347V</p> <p>MAGNETIC BALLASTS (Integral)</p> <p>All HID Lamps - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V</p>	<p>Glass - G16 16" Dia. Borosilicate glass</p> <p>Acrylic* - A16 16" Dia. Clear Acrylic</p> <p>Colored Acrylic* See Reflector Options below</p> <p>Aluminum - S16 16" Dia. Natural finish Anodized</p> <p>Colored Aluminum - S16R 16" Dia. Outside surface of the reflector is painted the same color as the housing</p> <p>Consult factory for a reflector painted a different color than the housing</p>	<p>Basic Luminaire No trim supplied No Suffix</p> <p>Acrylic Bottom Lens For use with acrylic reflectors, includes clamp band</p> <p>- C 16" Conical lens - D 16" Drop lens</p> <p>Deco-Ring Deco-Rings are painted to match housing color - B Ring only</p> <p>Cross Baffle Louver - X Aluminum reflectors only. Available for ED17 lamps only.</p> <p>Concentric Ring Louver See Accessories</p>	<p>Housing Color - WH White - BL Black - SR Silver</p> <p>Designer Colors Consult Factory</p>	<p>Stem No Suffix Hub for use with 1/2" or 3/4" stem</p> <p>Cable Suspension - CS Provision for Cable Suspension (Order kit separately)</p>

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
 - T16W	- O16W
Translucent	Opaque

* Acrylic Reflectors:

Reflexor® - Acrylic optics by Lexalite™
Maximum 400W open reflector, 250W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† Metal Halide:

§ **EISA - Pulse Start MH:** 150W electronic & 175W - 400W magnetic ballast fixtures meet Energy Independence & Security Act (EISA) requirements.
NEC compliance: Open Pulse Start & Probe Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

• Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Concentric Ring Louver	Not available with bottom lens or bottom ring
16" glass	LV16G-WH
16" acrylic	LV16A-WH
16" aluminum	LV16S-SR

Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section
Not suitable for remote ballast CFL fixtures

Hang Straight Kits - order separately from Accessories section

Lamp - by others



E3: 22" Acrylic Reflector
Standard Silver finish



E3: 22" Aluminum Reflector
Designer Gold finish

Description

General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Optics Two styles of 22" diameter reflectors, spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

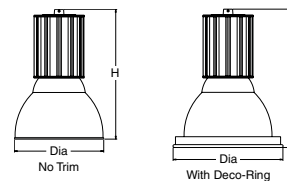
Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum eight lamp at 42W, four lamp at 70W • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 400W • Probe start metal halide is only available in Canada, magnetic ballast, maximum 400W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

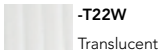
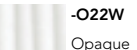


Reflector	Trim Suffix	Dia.	H
A22	No Trim	24"	23 3/8"
	With Deco-Ring	24 5/8"	24 1/2"
S22	No Trim	24"	24 1/4"
	With Deco-Ring	25 5/8"	25"

Ordering Information Example: E3-442CF-UN-A22-B-SR-CS

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3	-442CF	-UN	-A22	-B	-SR	-CS
E3	<p>Pulse Start Metal Halide† Fixtures furnished with ANSI Type "O" lampholder</p> <p>ED17 - Medium base 50PS, 70PS, 100PS § {150PS†}</p> <p>ED28 - Mogul base {175PS, 200PS, 250PS†}</p> <p>ED37 - Mogul base {320PS, 350PS, 400PS†}</p> <p>Probe Start Metal Halide† Fixtures furnished with ANSI Type "O" lampholder</p> <p>ED28 - Mogul base § {175MH, 250MH}</p> <p>ED37 - Mogul base § {400MH}</p> <p>Compact Fluorescent GX24Q base</p> <p>One lamp 126CF, 132CF, 142CF, 157CF, 170CF</p> <p>Two lamps 226CF, 232CF, 242CF, 257CF, 270CF</p> <p>Three lamps 326CF, 332CF, 342CF, 357CF, 370CF</p> <p>Four lamps 426CF, 432CF, 442CF, 457CF, 470CF</p> <p>Six lamps 626CF, 632CF, 642CF</p> <p>Eight lamps 826CF, 832CF, 842CF</p> <p>Incandescent Mogul base 300IN, 500IN 500W Acrylic (open fixture only)</p>	<p>ELECTRONIC BALLASTS (Integral)</p> <p>Pulse Start Metal Halide Max. 175W - E12 120V - E27 277V Max. 150W - E34 347V</p> <p>Compact Fluorescent Max. 8 X 42W 4 X 70W - UN 120V - 277V - E34 347V</p> <p>MAGNETIC BALLASTS (Integral)</p> <p>All HID Lamps - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V</p>	<p>Acrylic* - A22 22" Dia. Clear Acrylic</p> <p>Colored Acrylic* See Reflector Options below</p> <p>Aluminum - S22 22" Dia. Natural finish Anodized</p> <p>Colored Aluminum - S22R 22" Dia. Outside surface of the reflector is painted the same color as the housing</p> <p>Consult factory for a reflector painted a different color than the housing</p>	<p>Basic Luminaire No trim supplied No Suffix</p> <p>Acrylic Bottom Lens For use with acrylic reflectors, includes clamp band</p> <p>- C 22" Conical lens - D 22" Drop lens</p> <p>Deco-Ring Deco-Rings are painted to match housing color - B Ring only</p> <p>Cross Baffle Louver - X Aluminum reflectors</p> <p>Concentric Ring Louver See Accessories</p>	<p>Housing Color - WH White - BL Black - SR Silver</p> <p>Designer Colors Consult Factory</p>	<p>Stem No Suffix Hub for use with 1/2" or 3/4" stem</p> <p>Cable Suspension - CS Provision for Cable Suspension (Order kit separately)</p>

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
	-T22W
	-O22W

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Concentric Ring Louver Not available with bottom lens or bottom ring	
22" acrylic	LV22A-WH
22" aluminum	LV22S-SR
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures	
Hang Straight Kits - order separately from Accessories section	
Lamp - by others	

* Acrylic Reflectors:

Reflexor® - Acrylic optics by Lexalite™
Maximum 400W open reflector, 400W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† Metal Halide:

{E} EISA-Pulse Start MH: 150W electronic & 175W - 400W magnetic ballast fixtures meet Energy Independence & Security Act (EISA) requirements.
NEC compliance: Open Pulse Start & Probe Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ Not for use in the United States when magnetic ballast is installed.

• Fixtures are **ENERGY EFFICIENT**.



E3: 12" Acrylic Reflector
Deco-Bands with Deco-Disc (Suffix WK)
Designer Copper finish



E3: 12" Aluminum Reflector
Deco-Bands with Deco-Ring (Suffix WB)
Standard silver finish

Description

General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Deco-Trim Specify Exeter™ E3 models to suit the ambiance
• With attractive decorative trims and reflector bottom treatments Exeter™ E3 models offer style and color solutions for the discerning designer

Optics 12" spun aluminum • Premium Reflexor® acrylic 12" reflectors include clear, three shades of white, pastel or vibrant colors, granite and silver • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension
• Hang straight stems

Construction Extruded aluminum housing

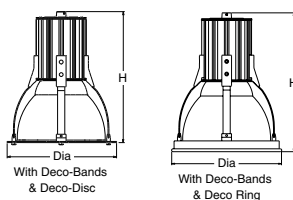
Finish White, black or silver polyester powder coat
• Designer colors can be specified

Lampholder HID - specification grade porcelain, medium base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum one lamp at 57W • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 100W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions



Reflector	Trim Suffix	Dia.	H
A12	With Deco-Disc	14"	18 1/8"
	With Deco-Ring	14 1/2"	19 1/4"
S12	With Deco-Disc	14"	18 1/8"
	With Deco-Ring	14 1/2"	19 1/4"

Reflector Application Guide

Reflexor® reflectors - Ambient 25°C

	Color	CFL	Incandescent		HID					
		70	100	150	50PS	70PS	100PS	150PS	175MH	175PS
Clear		Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
White	Opaque	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
	Translucent	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
	Pearl	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a

YES Available up to indicated wattage




Open Open fixture only, not available with bottom closure, requires socket for protected lamp to meet NEC

n/a Not available

Ordering Information Example: E3-126CF-UN-A12-WK-SR-CS

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3	-126CF	-UN	-A12	-WK	-SR	-CS
E3	<ul style="list-style-type: none"> ● Pulse Start Metal Halide† Fixtures furnished with ANSI Type "O" lampholder ED17 - Medium base 50PS, 70PS, 100PS ● Compact Fluorescent GX24Q base One lamp 126CF, 132CF, 142CF, 157CF Incandescent Medium base 150IN 	ELECTRONIC BALLASTS (Integral) Pulse Start Metal Halide Max. 175W - E12 120V - E27 277V Max. 150W - E34 347V Compact Fluorescent Max. 57W - UN 120V - 277V - E34 347V MAGNETIC BALLASTS (Integral) All HID Lamps - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V	Acrylic* - A12 12" Dia. Clear Acrylic Colored Acrylic* See Reflector Options below Aluminum - S12 12" Dia. Natural finish Anodized - S12R 12" Dia. Outside surface of the reflector is painted the same color as the housing Consult factory for a reflector painted a different color than the housing	Deco-Bands, Deco-Discs and Deco-Rings Four Deco-Bands attach the trim accessories and are painted to match housing color Deco-Discs and bottom lenses are tempered glass, Deco-Rings are painted to match housing color Deco-Disc with Bands - WG Clear - WF Frosted Deco-Disc with Hand Hole and Bands - WJ Clear - WK Frosted Deco-Ring with Bands - WB Ring only Deco-Ring with Glass Bottom Lens and Bands - WBG Clear - WBF Frosted	Housing Color - WH White - BL Black - SR Silver Designer Colors Consult Factory	Stem No Suffix Hub for use with 1/2" or 3/4" stem Cable Suspension - CS Provision for Cable Suspension (Order kit separately)

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace reflector suffix with...	
Whites	
 -T12W Translucent	
 -O12W Opaque	
 -P12W Pearl	

Accessories (Accessories are ordered and shipped separately)

Description
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures
Hang Straight Kits - order separately from Accessories section
Lamp - by others

* Acrylic Reflectors:

Reflexor® - Acrylic optics by Lexalite™
Maximum wattage - see the Reflector Application Guide to the left.
Not recommended for oily environments, consult factory.

† Metal Halide:

NEC compliance: Open Pulse Start MH fixtures are furnished with a lamp-holder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

● Fixtures are **ENERGY EFFICIENT**.



E3: 16" Glass Reflector
Deco-Bands with Deco-Ring (Suffix WB)
Designer Green Apple finish



E3: 16" Aluminum Reflector
Deco-Bands with Deco-Ring (Suffix WB)
Designer Burgundy finish



E3: 16" Acrylic Reflector
Deco-Bands with Deco-Disc (Suffix WG)
Standard Silver finish

Description

General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Deco-Trim Specify Exeter™ E3 models to suit the ambiance

- With attractive decorative trims and reflector bottom treatments Exeter™ E3 models offer style and color solutions for the discerning designer

Optics Three styles of 16" diameter reflectors, prismatic borosilicate glass, spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white

- Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension

- Hang straight stems

Construction Extruded aluminum housing

Finish White, black or silver polyester powder coat

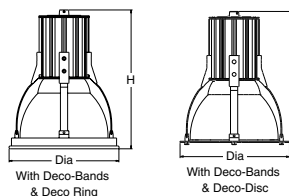
- Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum four 70W lamps • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 400W • Probe start metal halide is only available in Canada, magnetic ballast, maximum 400W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions





Reflector	Trim Suffix	Dia.	H
A16	With Deco-Disc	18"	21 3/4"
	With Deco-Ring	18 3/8"	22 7/8"
G16	With Deco-Disc	18"	22 1/4"
	With Deco-Ring	18 3/8"	23 3/8"
S16	With Deco-Disc	18"	22 1/4"
	With Deco-Ring	18 3/8"	23 1/8"

Ordering Information Example: E3-442CF-UN-A16-WF-SR-CS

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3	-442CF	-UN	-A16	-WF	-SR	-CS
E3	<p>Pulse Start Metal Halide† Fixtures furnished with ANSI Type "O" lampholder</p> <p>ED17 - Medium base 50PS, 70PS, 100PS § E150PS†</p> <p>ED28 - Mogul base § E175PS, 200PS, 250PS†</p> <p>ED37 - Mogul base § E320PS, 350PS, 400PS†</p> <p>Probe Start Metal Halide† Fixtures furnished with ANSI Type "O" lampholder</p> <p>ED28 - Mogul base § E175MH, 250MH</p> <p>ED37 - Mogul base § E400MH</p> <p>Compact Fluorescent GX24Q base</p> <p>One lamp 126CF, 132CF, 142CF, 157CF, 170CF</p> <p>Two lamps 226CF, 232CF, 242CF, 257CF, 270CF</p> <p>Three lamps 326CF, 332CF, 342CF, 357CF, 370CF</p> <p>Four lamps 426CF, 432CF, 442CF, 457CF, 470CF</p> <p>Incandescent Mogul base 300IN, 500IN 500W Acrylic (open fixture only)</p>	<p>ELECTRONIC BALLASTS (Integral)</p> <p>Pulse Start Metal Halide Max. 175W - E12 120V - E27 277V Max. 150W - E34 347V</p> <p>Compact Fluorescent Max. 4 X 70W - UN 120V - 277V - E34 347V</p> <p>MAGNETIC BALLASTS (Integral)</p> <p>All HID Lamps - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V</p>	<p>Glass - G16 16" Dia. Borosilicate glass</p> <p>Acrylic* - A16 16" Dia. Clear Acrylic</p> <p>Colored Acrylic* See Reflector Options below</p> <p>Aluminum - S16 16" Dia. Natural finish Anodized</p> <p>Colored Aluminum - S16R 16" Dia. Outside surface of the reflector is painted the same color as the housing</p> <p>Consult factory for a reflector painted a different color than the housing</p>	<p>Deco-Bands, Deco-Discs and Deco-Rings Four Deco-Bands attach the trim accessories and are painted to match housing color</p> <p>Deco-Discs and bottom lenses are tempered glass</p> <p>Deco-Rings are painted to match housing color</p> <p>Deco-Disc with Bands - WG Clear - WF Frosted</p> <p>Deco-Disc with Hand Hole and Bands - WJ Clear - WK Frosted</p> <p>Deco-Ring with Bands - WB Deco-Ring only</p> <p>Deco-Ring with Glass Bottom Lens and Bands - WBG Clear - WBF Frosted</p>	<p>Housing Color - WH White - BL Black - SR Silver</p> <p>Designer Colors Consult Factory</p>	<p>Stem No Suffix Hub for use with 1/2" or 3/4" stem</p> <p>Cable Suspension - CS Provision for Cable Suspension (Order kit separately)</p>

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
 -T16W	 -O16W
Translucent	Opaque

* Acrylic Reflectors:

Reflexor® - Acrylic optics by Lexalite™.
Maximum 400W open reflector, 250W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† Metal Halide:

§ **EISA - Pulse Start MH:** 150W electronic & 175W - 400W magnetic ballast fixtures meet Energy Independence & Security Act (EISA) requirements.
NEC compliance: Open Pulse Start & Probe Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

• Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures
Hang Straight Kits - order separately from Accessories section
Lamp - by others



E3: 22" ACRYLIC Reflector
Deco-Bands with Deco-Ring (Suffix WB)
Standard Silver finish

Description

General and task lighting that offers the designer a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire's style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Deco-Trim Specify Exeter™ E3 models to suit the ambiance

- With attractive decorative trims and reflector bottom treatments Exeter™ E3 models offer style and color solutions for the discerning designer

Optics Two styles of 22" diameter reflectors, spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension

- Hang straight stems

Construction Extruded aluminum housing

Finish White, black or silver polyester powder coat

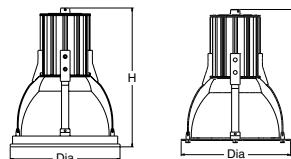
- Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum eight lamp at 42W, four lamp at 70W • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 400W • Probe start metal halide is only available in Canada, magnetic ballast, maximum 400W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions





Reflector	Trim Suffix	Dia.	
H			
A22	With Deco-Disc	24"	23 3/8"
	With Deco-Ring	24 5/8"	24 1/2"
S22	With Deco-Disc	24"	24 1/4"
	With Deco-Ring	25 5/8"	25"

Ordering Information Example: E3-442CF-UN-A22-WK-SR-CS

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3	-442CF	-UN	-A22	-WK	-SR	-CS
E3	<p>Pulse Start Metal Halide† Fixtures furnished with ANSI Type "O" lampholder</p> <p>ED17 - Medium base 50PS, 70PS, 100PS ⓔ {150PS†</p> <p>ED28 - Mogul base ⓔ {175PS, 200PS, 250PS†</p> <p>ED37 - Mogul base ⓔ {320PS, 350PS, 400PS†</p> <p>Probe Start Metal Halide† Fixtures furnished with ANSI Type "O" lampholder</p> <p>ED28 - Mogul base § {175MH, 250MH</p> <p>ED37 - Mogul base § {400MH</p> <p>Compact Fluorescent GX24Q base</p> <p>One lamp 126CF, 132CF, 142CF, 157CF, 170CF</p> <p>Two lamps 226CF, 232CF, 242CF, 257CF, 270CF</p> <p>Three lamps 326CF, 332CF, 342CF, 357CF, 370CF</p> <p>Four lamps 426CF, 432CF, 442CF, 457CF, 470CF</p> <p>Six lamps 626CF, 632CF, 642CF</p> <p>Eight lamps 826CF, 832CF, 842CF</p> <p>Incandescent Mogul base 300IN, 500IN 500W Acrylic (open fixture only)</p>	<p>ELECTRONIC BALLASTS (Integral)</p> <p>Pulse Start Metal Halide Max. 175W - E12 120V - E27 277V Max. 150W - E34 347V</p> <p>Compact Fluorescent Max. 8 X 42W 4 X 70W - UN 120V - 277V - E34 347V</p> <p>MAGNETIC BALLASTS (Integral)</p> <p>All HID Lamps - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V</p>	<p>Acrylic* - A22 22" Dia. Clear Acrylic</p> <p>Colored Acrylic* See Reflector Options below</p> <p>Aluminum - S22 22" Dia. Natural finish Anodized</p> <p>Colored Aluminum - S22R 22" Dia. Outside surface of the reflector is painted the same color as the housing</p> <p>Consult factory for a reflector painted a different color than the housing</p>	<p>Deco-Bands, Deco-Discs and Deco-Rings Four Deco-Bands attach the trim accessories and are painted to match housing color</p> <p>Deco-Discs and bottom lenses are tempered glass, Deco-Rings are painted to match housing color</p> <p>Deco-Disc with Bands - WG Clear - WF Frosted</p> <p>Deco-Disc with Hand Hole and Bands - WJ Clear - WK Frosted</p> <p>Deco-Ring with Bands - WB Deco-Ring only</p> <p>Deco-Ring with Glass Bottom Lens and Bands - WBG Clear - WBF Frosted</p>	<p>Housing Color - WH White - BL Black - SR Silver</p> <p>Designer Colors Consult Factory</p>	<p>Stem No Suffix Hub for use with 1/2" or 3/4" stem</p> <p>Cable Suspension - CS Provision for Cable Suspension (Order kit separately)</p>

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
	-T22W Translucent
	-O22W Opaque

Accessories (Accessories are ordered and shipped separately)

Description
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures
Hang Straight Kits - order separately from Accessories section
Lamp - by others

* **Acrylic Reflectors:**
Reflexor® - Acrylic optics by Lexalite™.
Maximum 400W open reflector, 400W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
ⓔ **EISA - Pulse Start MH:** 150W electronic & 175W - 400W magnetic ballast fixtures meet Energy Independence & Security Act (EISA) requirements.
NEC compliance: Open Pulse Start & Probe Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

● Fixtures are **ENERGY EFFICIENT**.



E3: 12" Acrylic Reflector
Deco-Rods with Deco-Disc (Suffix TK)
Designer Burgundy finish



E3: 12" Aluminum Reflector
Deco-Rods with Deco-Disc (Suffix TK)
Standard Silver finish

Description

General and task lighting that offers the designer a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Deco-Trim Specify Exeter™ E3 models to suit the ambiance

- With attractive decorative trims and reflector bottom treatments Exeter™ E3 models offer style and color solutions for the discerning designer

Optics 12" spun aluminum • Premium Reflexor® acrylic 12" reflectors include clear, three shades of white, pastel or vibrant colors, granite and silver • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

Finish White, black or silver polyester powder coat

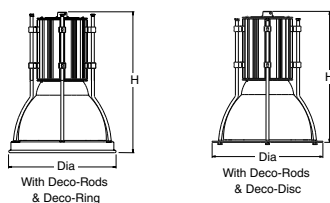
- Designer colors can be specified

Lampholder HID - specification grade porcelain, medium base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum one lamp at 57W • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 100W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions



Reflector	Trim Suffix	Dia.	H
A12	With Deco-Disc	14"	18 1/8"
	With Deco-Ring	14 1/2"	19 1/4"
S12	With Deco-Disc	14"	18 1/8"
	With Deco-Ring	14 1/2"	19 1/4"

Reflector Application Guide

Reflexor® reflectors - Ambient 25°C

Color	CFL		Incandescent			HID				
	70	100	150	50PS	70PS	100PS	150PS	175MH	175PS	
Clear	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a	
White	Opaque	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
	Translucent	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
	Pearl	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a

YES Available up to indicated wattage




Open Open fixture only, not available with bottom closure, requires socket for protected lamp to meet NEC

n/a Not available

Ordering Information Example: E3-126CF-UN-A12-TK-SR-CS

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3	-126CF	-UN	-A12	-TK	-SR	-CS
E3	<ul style="list-style-type: none"> Pulse Start Metal Halide† Fixtures furnished with ANSI Type "O" lampholder Medium base 50PS, 70PS, 100PS Compact Fluorescent GX24Q base One lamp 126CF, 132CF, 142CF, 157CF Incandescent Medium base 150IN 	ELECTRONIC BALLASTS (Integral) Pulse Start Metal Halide Max. 175W - E12 120V - E27 277V Max. 150W - E34 347V Compact Fluorescent Max. 57W - UN 120V - 277V - E34 347V MAGNETIC BALLASTS (Integral) All HID Lamps - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V	Acrylic* - A12 12" Dia. Clear Acrylic Colored Acrylic* See Reflector Options below Aluminum - S12 12" Dia. Natural finish Anodized - S12R 12" Dia. Outside surface of the reflector is painted the same color as the housing Consult factory for a reflector painted a different color than the housing	Deco-Rods, Deco-Discs and Deco-Rings Four Deco-Rods attach the trim accessories and have a Brite-Plate finish Deco-Discs and bottom lenses are tempered glass, Deco-Rings are painted to match housing color Deco-Disc with Rods - TG Clear - TF Frosted Deco-Disc with Hand Hole and Rods - TJ Clear - TK Frosted Deco-Ring with Rods - TB Deco-Ring only Deco-Ring with Glass Bottom Lens and Rods - TBG Clear - TBF Frosted	Housing Color - WH White - BL Black - SR Silver Designer Colors Consult Factory	Stem No Suffix Hub for use with 1/2" or 3/4" stem Cable Suspension - CS Provision for Cable Suspension (Order kit separately)

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace reflector suffix with...	
Whites	
 -T12W	 -O12W
 -P12W	

Accessories (Accessories are ordered and shipped separately)

Description
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures
Hang Straight Kits - order separately from Accessories section
Lamp - by others

* **Acrylic Reflectors:**
Reflexor® - Acrylic optics by Lexalite™
Maximum wattage - see the Reflector Application Guide to the left.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
NEC compliance: Open Pulse Start MH fixtures are furnished with a lamp-holder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

• Fixtures are **ENERGY EFFICIENT**.



E3: 16" Glass Reflector
Deco-Rods with Deco-Ring (Suffix TB)
Designer Green Apple finish



E3: 16" Aluminum Reflector
Deco-Rods with Deco-Ring (Suffix TB)
Standard Silver finish



E3: 16" Acrylic Reflector
Deco-Rods with Deco-Disc (Suffix TK)
Standard Silver finish

Description

General and task lighting that offers the designer a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Deco-Trim Specify Exeter™ E3 models to suit the ambiance

- With attractive decorative trims and reflector bottom treatments Exeter™ E3 models offer style and color solutions for the discerning designer

Optics Three styles of 16" diameter reflectors, prismatic borosilicate glass, spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white

- Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension

- Hang straight stems

Construction Extruded aluminum housing

Finish White, black or silver polyester powder coat

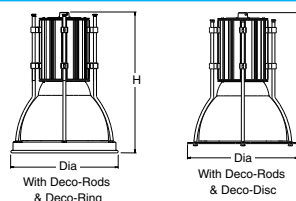
- Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for use open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum four 70W lamps • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 400W • Probe start metal halide is only available in Canada, magnetic ballast, maximum 400W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions




Reflector	Trim Suffix	Dia.	H
A16	With Deco-Disc	18"	21 3/4"
	With Deco-Ring	18 3/8"	22 7/8"
G16	With Deco-Disc	18"	22 1/4"
	With Deco-Ring	18 3/8"	23 3/8"
S16	With Deco-Disc	18"	22 1/4"
	With Deco-Ring	18 3/8"	23 1/8"

Ordering Information Example: E3-442CF-UN-A16-TF-SR-CS

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3	-442CF	-UN	-A16	-TF	-SR	-CS
E3	<p>● Pulse Start Metal Halide† Fixtures furnished with ANSI Type "O" lampholder</p> <p>ED17 - Medium base 50PS, 70PS, 100PS § E {150PS†}</p> <p>ED28 - Mogul base E {175PS, 200PS, 250PS†}</p> <p>ED37 - Mogul base E {320PS, 350PS, 400PS†}</p> <p>Probe Start Metal Halide† Fixtures furnished with ANSI Type "O" lampholder</p> <p>ED28 - Mogul base § {175MH, 250MH}</p> <p>ED37 - Mogul base § {400MH}</p> <p>● Compact Fluorescent GX24Q base</p> <p>One lamp 126CF, 132CF, 142CF, 157CF, 170CF</p> <p>Two lamps 226CF, 232CF, 242CF, 257CF, 270CF</p> <p>Three lamps 326CF, 332CF, 342CF, 357CF, 370CF</p> <p>Four lamps 426CF, 432CF, 442CF, 457CF, 470CF</p> <p>Incandescent Mogul base 300IN, 500IN 500W Acrylic (open fixture only)</p>	<p>ELECTRONIC BALLASTS (Integral)</p> <p>Pulse Start Metal Halide Max. 175W - E12 120V - E27 277V Max. 150W - E34 347V</p> <p>Compact Fluorescent Max. 4 X 70W - UN 120V - 277V - E34 347V</p> <p>MAGNETIC BALLASTS (Integral)</p> <p>All HID Lamps - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V</p>	<p>Glass - G16 16" Dia. Borosilicate glass</p> <p>Acrylic* - A16 16" Dia. Clear Acrylic</p> <p>Colored Acrylic See Reflector Options below</p> <p>Aluminum - S16 16" Dia. Natural finish Anodized</p> <p>Colored Aluminum - S16R 16" Dia. Outside surface of the reflector is painted the same color as the housing</p> <p>Consult factory for a reflector painted a different color than the housing</p>	<p>Deco-Rods, Deco-Discs and Deco-Rings Four Deco-Rods attach the trim accessories and have a Brite-Plate finish</p> <p>Deco-Discs and bottom lenses are tempered glass, Deco-Rings are painted to match housing color</p> <p>Deco-Disc with Rods - TG Clear - TF Frosted</p> <p>Deco-Disc with Hand Hole and Rods - TJ Clear - TK roasted</p> <p>Deco-Ring with Rods - TB Deco-Ring only</p> <p>Deco-Ring with Glass Bottom Lens and Rods - TBG Clear - TBF Frosted</p>	<p>Housing Color - WH White - BL Black - SR Silver</p> <p>Designer Colors Consult Factory</p>	<p>Stem No Suffix Hub for use with 1/2" or 3/4" stem</p> <p>Cable Suspension - CS Provision for Cable Suspension (Order kit separately)</p>

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
 -T16W	-O16W
Translucent	Opaque

* Acrylic Reflectors:

Reflexor® - Acrylic optics by Lexalite™.
Maximum 400W open reflector, 250W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† Metal Halide:

ⓔ **EISA -Pulse Start MH:** 150W electronic & 175W - 400W magnetic ballast fixtures meet Energy Independence & Security Act (EISA) requirements.
NEC compliance: Open Pulse Start & Probe Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

● Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures
Hang Straight Kits - order separately from Accessories section
Lamp - by others



E3: 22" Aluminum Reflector
Deco-Rods with Deco-Disc (Suffix TF)
Designer Pastel Green finish



E3: 22" Acrylic Reflector
Deco-Rods with Deco-Ring (Suffix TF)
Standard Silver finish

Description

General and task lighting that offers the designer a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Deco-Trim Specify Exeter™ E3 models to suit the ambiance
• With attractive decorative trims and reflector bottom treatments Exeter™ E3 models offer style and color solutions for the discerning designer

Optics Two styles of 22" diameter reflectors: spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension
• Hang straight stems

Construction Extruded aluminum housing

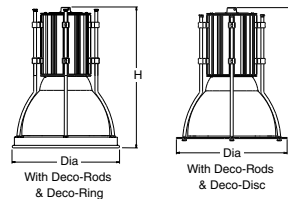
Finish White, black or silver polyester powder coat
• Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum eight lamp at 42W, four lamp at 70W • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 400W • Probe start metal halide is only available in Canada, magnetic ballast, maximum 400W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions





Reflector	Trim Suffix	Dia.	H
A22	With Deco-Disc	24"	23 3/8"
	With Deco-Ring	24 5/8"	24 1/2"
S22	With Deco-Disc	24"	24 1/4"
	With Deco-Ring	25 5/8"	25"

Ordering Information Example: E3-442CF-UN-A22-TB-SR-CS

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3	-442CF	-UN	-A22	-TB	-SR	-CS
E3	<p>Pulse Start Metal Halide† Fixtures furnished with ANSI Type "O" lampholder</p> <p>ED17 - Medium base 50PS, 70PS, 100PS § ⓔ {150PS†}</p> <p>ED28 - Mogul base ⓔ {175PS, 200PS, 250PS†}</p> <p>ED37 - Mogul base ⓔ {320PS, 350PS, 400PS†}</p> <p>Probe Start Metal Halide† Fixtures furnished with ANSI Type "O" lampholder</p> <p>ED28 - Mogul base § {175MH, 250MH}</p> <p>ED37 - Mogul base § {400MH}</p> <p>Compact Fluorescent GX24Q base</p> <p>One lamp 126CF, 132CF, 142CF, 157CF, 170CF</p> <p>Two lamps 226CF, 232CF, 242CF, 257CF, 270CF</p> <p>Three lamps 326CF, 332CF, 342CF, 357CF, 370CF</p> <p>Four lamps 426CF, 432CF, 442CF, 457CF, 470CF</p> <p>Six lamps 626CF, 632CF, 642CF</p> <p>Eight lamps 826CF, 832CF, 842CF</p> <p>Incandescent Mogul base 300IN, 500IN 500W Acrylic (open fixture only)</p>	<p>ELECTRONIC BALLASTS (Integral)</p> <p>Pulse Start Metal Halide Max. 175W - E12 120V - E27 277V Max. 150W - E34 347V</p> <p>Compact Fluorescent Max. 8 X 42W 4 X 70W - UN 120V - 277V - E34 347V</p> <p>MAGNETIC BALLASTS (Integral)</p> <p>All HID Lamps - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V</p>	<p>Acrylic* - A22 22" Dia. Clear Acrylic</p> <p>Colored Acrylic* See Reflector Options below</p> <p>Aluminum - S22 22" Dia. Natural finish Anodized</p> <p>Colored Aluminum - S22R 22" Dia. Outside surface of the reflector is painted the same color as the housing</p> <p>Consult factory for a reflector painted a different color than the housing</p>	<p>Deco-Rods, Deco-Discs and Deco-Rings Four Deco-Rods attach the trim accessories and have a Brite-Plate finish</p> <p>Deco-Discs and bottom lenses are tempered glass, Deco-Rings are painted to match housing color</p> <p>Deco-Disc with Rods - TG Clear - TF Frosted</p> <p>Deco-Disc with Hand Hole and Rods - TJ Clear - TK Frosted</p> <p>Deco-Ring with Rods - TB Deco-Ring only</p> <p>Deco-Ring with Glass Bottom Lens and Rods - TBG Clear - TBF Frosted</p>	<p>Housing Color - WH White - BL Black - SR Silver</p> <p>Designer Colors Consult Factory</p>	<p>Stem No Suffix Hub for use with 1/2" or 3/4" stem</p> <p>Cable Suspension - CS Provision for Cable Suspension (Order kit separately)</p>

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
 - T22W	 - O22W
Translucent	Opaque

Accessories (Accessories are ordered and shipped separately)

Description
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures
Hang Straight Kits - order separately from Accessories section
Lamp - by others

* Acrylic Reflectors:

Reflexor® - Acrylic optics by Lexalite™.
Maximum 400W open reflector, 400W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† Metal Halide:

ⓔ **EISA - Pulse Start MH:** 150W electronic & 175W - 400W magnetic ballast fixtures meet Energy Independence & Security Act (EISA) requirements.
NEC compliance: Open Pulse Start & Probe Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type "O".

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

• Fixtures are **ENERGY EFFICIENT**.



SC: 10" Glass Reflector
Closed Housing - Designer Red finish



SOL: 10" Glass Reflector
Open Housing - Standard Brite Plate finish



SOR: 10" Glass Reflector
Open Housing - Designer Royal Blue finish

Description

The Simcoe™ luminaire is an excellent choice for the designer who desires the ability to choose a luminaire's style, color and overall appearance, then combine it with leading edge optical assemblies. Featuring fully closed or slotted top decorative domes and the choice of trim levels, Simcoe™ can be styled to match the building décor.

Features

Functional Retro-look For applications with functional décor • Customize the look with color and accessories

Mount 1/2" or 3/4" hub for rigid pendant • Cable suspension • Hang straight stems

Construction Steel housing and bottom ring • Wire support rods

Optics Prismatic borosilicate glass reflector

Finish Standard, bright plate finish • Designer colors can be specified

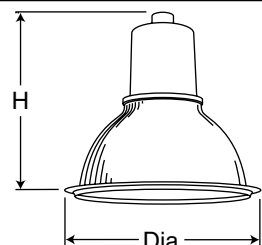
Lampholder HID - specification grade porcelain, medium base • Open HID fixtures are supplied with a lampholder for use open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Ballast Remote ballast – order separately • See ballast page for maximum allowable lamp to ballast distance

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

Series	Dia.	H
SO, SC	10 1/2"	11"
SOL, SCL	12"	11 1/2"
SOR, SCR	12"	11 1/2"

A technical line drawing of the Simcoe luminaire. It shows the dome-shaped reflector and the mounting hardware. Dimension lines indicate the diameter (Dia.) of the base and the height (H) from the base to the top of the mounting.

Ordering Information Example: SCR70PS-G10-GP-WH

Series	Lamp (Watts/Type)	Ballast	Reflector	Trim & Lenses	Housing Color	Mounting
SCR	70PS	-	-G10	-GP	-WH	-
Closed Top Housing SC With reflector only SCL With reflector and bottom ring SCR With reflector, rods and bottom ring	Pulse Start Metal Halide† Open fixtures furnished with ANSI Type "O" lamp holder ED17 - Medium base 50PS, 70PS, 100PS, § © {150PS Probe Start Metal Halide† Open fixtures furnished with ANSI Type "O" lamp holder BD17 - Medium base § {175MH Compact Fluorescent GX24Q base 126CF, 132CF, 142CF, 157CF Incandescent Medium base 150IN, 300IN	REMOTE BALLAST ‡ Order separately Consult chart found with the remote ballast ordering information to determine maximum lamp to ballast distance See RFB Series Remote Ballasts section	Glass - G10 10" Dia. Borosilicate glass	No Trim No Suffix Bottom Closure Tempered glass Available with SCR & SOR models only - G Clear - GP Prismatic Louver Available with SCR & SOR models only Not available with lens - V Brite-Plate™ - V - color Specify color (polyester powder coat finish)	Housing and Ring No Suffix Brite Plate™ - WH White - BL Black Designer Colors Consult Factory	Stem No Suffix Hub for use with 1/2" or 3/4" stem Cable Suspension - CS Provision for Cable Suspension (Incandescent lamps only, order kit separately)
Open Top Housing SO With reflector only SOL With reflector and bottom ring SOR With reflector, rods and bottom ring						

Accessories (Accessories are ordered and shipped separately)

Description

Cable Suspension Kits - order separately from Accessories section
 Not suitable for CFL fixtures

Hang Straight Kits - order separately from Accessories section

Lamp - by others

† **Metal Halide:**

© EISA -Pulse Start MH: 150W - 150W with electronic ballast meets EISA requirements.
 NEC compliance: Pulse Start & Probe Start MH luminaires are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector:**

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

● Fixtures are **ENERGY EFFICIENT**.



Features

- Metal encased • 5 wire capability for three circuits plus ground • Fully grounded • Voltage specific pin and socket contacts

Benefits

- Reduces installed cost • Fixtures are portable • Potential tax benefits • UL certified for make and break under load • Meets NEC article 604 • Meets or exceeds UL standard for safety #183

Component Information

Distribution Cable

- Starting point of the modular wiring system
- Mounts through 1/2" knockout to junction box
- Prewired female connector – maximum 20 amps per circuit • Wiring – two, three or four #12 AWG THHN stranded copper, 600V plus one bare #12 AWG solid copper ground wire, pre-wired for the distribution of one, two or three circuits • Color coded

Extension Cable

- Provides feed through power-in/power-out connection for the continuation of three circuit power • Male power-in head and female power-out head • Maximum 20 amps per circuit • Attach in tandem when longer lengths are required
- Wiring – two, three or four #12 AWG THHN stranded copper, 600V plus one bare #12 AWG solid copper ground wire • Head is 18 gauge steel, zinc plated • Die cast housing with zinc plated steel cover plate • Positive acting steel spring latches which provide grounding of non-current carrying metal equipment

Fixture Cable

- Provides feed through power-in/power out connection in "A", "B" or "C" phase circuit to the fixture • Can be factory pre-wired or field installed • Male power-in head uses type MC cable • 6" leads • Head is 18 gauge steel, zinc plated • Die cast housing with zinc plated steel cover plate • Positive acting steel spring latches which provide grounding of non-current carrying metal equipment

Phase Splitter

- Phase splitters have power-in/power-out connectors for the continuation of three circuit power to the next fixture and a power out connector for supplying an "A", "B" or "C" phase circuit to phase tap on HID luminaires • Fixture can be removed without interrupting the circuit to the other luminaires • Thru-wired for three circuits • Die cast housing with zinc plated steel cover plate • Internal Wires: #12 AWG THHN stranded copper, 600V plus one bare #12 AWG solid tinned copper ground conductor

Full Design Assistance

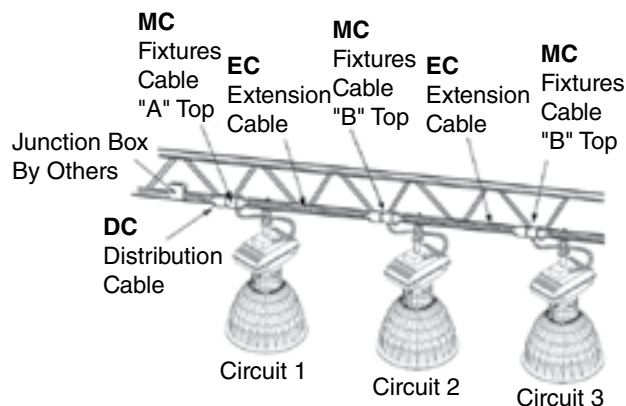
- Contact Juno Lighting Group Quotes Department for full system design assistance

Ordering Information Example: AF-27-DC-A-10

Series	Volts	Cable Function	Circuit Type	Cable Length
AF	-27	-DC	-A	-10
AF	- 12 120V - 20 208V - 24 240V - 27 277V - 34 347V - 48 480V	- DC Distribution Cable - EC Extension Cable - MC MC Fixture Cable Consult factory for cabtire or "SO" cord drops	Distribution & Extension Cable: - A Single Circuit Two wires plus ground - B Two Circuits Three wires plus ground - C Three Circuits Four wires plus ground MC Fixture Cable: - A Phase A, Two wires plus ground - B Phase B, Two wires plus ground - C Phase C, Two wires plus ground	- XX Indicates cable length (specify required length in feet)

Accessories

Catalog Number	Description
AF-BC	Blanking Cover Required to close any end cable with exposed pins





Cable Suspension Kit

For incandescent, HID and integral ballast CFL luminaires only • Not suitable for remote ballast CFL luminaires

Features

Mount 1/16" aircraft cable • Secured with an "Auto-Lock" cable grip

Cords Straight or coiled in black or white • Straight cords are also available in silver • Standard lengths are 18", 48" and 120"

Finish Canopy is powder coated steel, suspension hardware is nickel plated • Designer colors available

Ordering Information Example: C-CSK-48-SS-JSR-2C-PW-60

Luminaire Style	Series	Fixture Drop	Cord	Canopy	Number of Circuits	Options
C	-CSK	-48	-SS	-JSR	2C	-60
For use with the following luminaires S Simcoe C Carleton E Exeter	- CSK Cable Suspension Kit	Consult lamp to ballast distance charts (see below) Cable Length (in inches) - 18 18" - 48 48" - 120 120"	300V Straight Cord - SW White - SB Black - SS Silver 300V Coiled Cord - CW White - CB Black Note: Silver is not available with coiled cord	Kit Mounts Directly to a Remote Ballast (HID only) - R Mounts to AccuLite RBR & RFB series remote ballasts (HID only) Junction Box Canopy Mount on 4" junction box - JWH White Finish - JBL Black Finish - JSR Silver Finish	Number of Circuits No suffix One circuit 2 wires + ground - 2C Two circuits 3 wires + ground	- 60 600V Cord Available with silver cord Consult factory for other colors

Maximum Distance: Lamp - Ballast

When distance from lamp to ballast exceeds these values, specify a long range starter. Probe Start metal halide is dependent on wire size only.

Pulse Start Metal Halide (Magnetic Ballast)

50W	2'	175W	2'	350W	2'
70W	15'	200W	2'	400W	10'
100W	20'	250W	5'	450W	2'
150W	10'	320W	2'		

Hang Straight Kit

Remote hang straight kits for decorative luminaires

Features

Installation Mounts on 4" octagonal box • 3/8" stem is suitable for HID and incandescent and one or two lamp compact fluorescent lamps • Use 3/4" stem for 3 through 8 lamps • Suitable for any plumb hanging integral ballast luminaires

Cushion Hanger 3/4" hangers feature a spring loaded cushion hanger assembly

Ordering Information Example: H38-36-WH

Series	Stem Diameter	Stem Length	Color
H	38	-36	-WH
H	38 3/8" dia., 45° swivel 75 3/4" dia., 15° swivel	Stem length (in inches) - 12 12" - 18 18" - 24 24" - 36 36" For custom length, consult factory	- WH White - BL Black - SR Silver



AccuLite™ Accessories | Indoor Remote Ballast

RFB1 Series Electronic, Compact Fluorescent

Illustrated
with optional
decorator
blue finish



Description

The AccuLite collection of remote ballasts offers a variety of styles, allowing architects and interior designers to select the ballast which best fits the desired ambience.

The RFB1 model is one of four models to choose from, each with a unique appearance. Choose from standard white, black or silver finish or match the luminaire color. RFB1 compact fluorescent ballasts are available for use with one lamp.

Features

Rugged Construction Aluminum housing • Steel mounting plate

Ballast Mounting Mount on a standard 4" junction box

Fixture Suspension Fixtures are stem mounted through the ballast cover plate • The ballast is offered with a 3/8" hang straight stem in a choice of lengths • Standard stem lengths are 12", 18", 24" and 36" lengths

Finish Polyester powder coat finish • White, black or silver • Designer colors are available

Compact Fluorescent Electronic Ballasts Single lamp ballast for 26W, 32W or 42W lamps • Electronic ballasts for use with 4-pin compact fluorescent lamps • Single lamp ballast only • Minimum starting temperature -18°C

Listing UL1598/CSA C22.2 250

Ordering Information Example: RFB1-142CF-UN-K-H3-12-SR

Series	Lamp (Watts/Type)	Ballast	Ballast Mounting	Luminaire Mounting	Stem Length◆	Color
RFB1	-142CF	-UN	-K	-H3	-12	-SR
RFB1	Compact Fluorescent One lamp ballast 126CF, 132CF, 142CF	Electronic Max. lamp - ballast distance is 10 feet - UN - 120V - 277V - E34 - 347V	Ceiling - K -Quick Install Mounts on 4" J-Box	Hang Straight Pendant Stem 10° Swivel - H3 3/8" dia. stem Provision for Cable Suspension Not available	- 12 12" - 18 18" - 24 24" - 36 36"	- WH White - BL Black - SR Silver

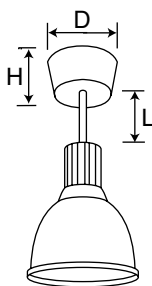
Dimensions

3/8" stem

D	H	Std. Stem L (min)	Length L(Max)
5 1/2"	2 3/4"	6"	36"

Stem

For longer lengths, consult factory.



Options

Description	Suffix
Designer Colors	Consult Factory

◆ Stem Length For other lengths, consult factory.

AccuLite™ Accessories | Indoor Remote Ballast

RFB2 Series Electronic, HID & Compact Fluorescent



Illustrated with optional decorator burgundy finish

Description

The AccuLite collection of remote ballasts offers a variety of styles, allowing architects and interior designers to select the ballast which best fits the desired ambiance. Choose from standard white, black or silver finish or match the luminaire color. Electronic ballasts for single lamp Pulse Start metal halide or multiple compact fluorescent (one through eight lamps) allow multi-level switching.

Listing UL1598/CSA C22.2 250

Features

Compact Fluorescent Wiring Harness Easy, the wiring is bundled and labeled • Color coded, each bundle plugs into one ballast • Plug the harness into the luminaire • Standard on multiple lamp luminaires

Ballast Mounting Mounts on 4" junction box

Fixture Suspension Stem mounted to the ballast cover plate • One and two lamp ballasts with either a 3/8" hang straight or a 3/4" rigid stem • Three, four, six or eight lamp ballasts with a 3/4" rigid stem

Rugged Construction Aluminum housing • Steel mounting plate

Finish White polyester powder coat • Designer colors are available

Compact Fluorescent Lamps & Electronic Ballasts

Electronic ballasts for use with compact fluorescent lamps

- One through eight lamp compact fluorescent • Minimum starting temperature -18°C • One Pulse Start MH -40°C

Ordering Information Example: RFB2-270CF-UN-K-H3-36-SR

Series	Lamp (Watts/Type)	Ballast	Ballast Mounting	Luminaire Mounting	Stem Length◆	Wiring Harness	Options
RFB2	-270CF	-UN	-K	-H3	-36	-	-SR
RFB2	Pulse Start Metal Halide 50PS, 70PS, 100PS ⓔ 150PS Compact Fluorescent Replace symbol (†) with the number of lamps 1, 2, 3, 4, 6, or 8 lamp †26CF, †32CF, †42CF 1, 2, 3 or 4 lamp †57CF, †70CF	Electronic Maximum lamp - ballast distance is 10 feet Pulse Start Metal Halide - UN 120V - 277V - E34 347V Compact Fluorescent - UN 120/277V - E34 347V	Ceiling - K Quick Install Mounts on 4" Junction Box	Hang Straight Pendant Stem - H3 3/8" dia., 30° Swivel Max. 2 lamp CFL Rigid Pendant Stem - R7 3/4" dia. Provision for Cable Suspension - CS Pulse Start MH only, not available with CFL Order Cable Suspension Kit Separately See Suspension Accessories section	- 12 12" - 18 18" - 24 24" - 36 36"	Plug and Play No Suffix Standard with multiple lamp CFL Attach the stem to the ballast, then plug-in the factory color coded wires into the ballast. The harness consists of wires bundled into sets (with one set per ballast) and a female connector. A factory wired male plug is supplied with multiple lamp Carleton and Exeter luminaires	- WH White - BL Black - SR Silver

Options

Description	Suffix
Designer Colors	Consult Factory

† **Metal Halide Lamps:**
ⓔ EISA: Pulse Start MH: 150W Electronic meets Energy Independence Security Act (EISA) requirements.

* See luminaire ordering page to determine the maximum number of lamps available

† Replace the symbol with the number of lamps required*

◆ **Stem Length** For other lengths, consult factory.

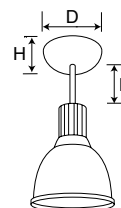
Dimensions

3/8" or 3/4" stem

D	H	Std. Stem Length L (min)	L (Max)
12"	3 1/32"	6"	36"

Stem

For longer lengths, consult factory.





Description

The AccuLite collection of remote ballasts offers a variety of styles, allowing architects and interior designers to select the ballast which best fits the desired ambiance. Choose from standard white, black or silver finish or match the luminaire color. Available with single lamp HID ballasts and compact fluorescent ballasts for one through eight lamps. Multiple lamp compact fluorescent allows multi-level switching.

Listing UL1598/CSA C22.2 250

Features

Compact Fluorescent Wiring Harness Easy to use, the wiring is bundled and labeled • Color coded, each bundle plugs into one ballast • Plug the harness into the luminaire • For multiple lamp luminaires

Ballast Mounting Ceiling, "Quick Install", mounts on a standard 4" junction box • Ceiling, Surface Mount, bolts directly to the ceiling over a recessed junction box • Pendant – Rigid mount

Fixture Suspension 3/8" hang straight stem, max. 2 lamps • 3/4" stem, max. 8 lamps • Stem Mount: hang straight or rigid stems mount directly to the cover plate • Provision for a cable suspension kit is available • Luminaires suspended independently of the ballast are wired through the side entries

Heavy Duty Construction Die cast aluminum housing • Heavy gauge cover plate

Finish Ballast and stems feature a white polyester powder coat • Painted stems match the ballast

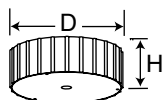
Ballasts Minimum starting temperature CF: -18°C, PS: -40°C • One, two, three, four, six or eight CF lamps • Single lamp HID, -40°C

Ordering Information Example: RBR-470CF-E12-K-H7-36-SR

Series	Lamp (Watts/Type)	Ballast	Ballast Mounting	Luminaire Mounting	Stem Length◆	Wiring Harness	Color Options
RBR	-470CF	-E12	-K	-H7	-36	-	-SR
RBR	Pulse Start Metal Halide 50PS, 70PS, 100PS ⓔ 150PS Compact Fluorescent Replace symbol (†) with the number of lamps 1, 2, 3, 4, 6, or 8 lamp †26CF, †32CF, †42CF 1, 2, 3 or 4 lamp †57CF, †70CF	Electronic Maximum lamp - ballast distance is 10 feet Pulse Start Metal Halide - UN 120V - 277V - E34 347V Compact Fluorescent - UN 120/277V - E34 347V Electronic Dimming Consult Factory	Ceiling Quick Install - K Mounts on 3 1/2" or 4" J-Box Not for use on sloped ceiling Ceiling Surface Mount - C Surface Mount Drilled to bolt directly to the ceiling With two 1/2" side entries Rigid Pendant - P 3/4" top entry	Hang Straight Pendant Stem - H3 3/8" dia. 30° Swivel Max. 2 lamp CFL - H7 3/4" dia., 20° Swivel With vibration damper Max. 8 lamp CFL Rigid Pendant Stem - R7 3/4" Provision for Cable Suspension - CS Order Cable Suspension Kit Separately See Suspension Accessories section Remote Fixture - E Suspend & mount fixture independently from the ballast	- 12 12" - 18 18" - 24 24" - 36 36"	Plug and Play No Suffix Standard with multiple lamp CFL Not required for HID Attach the stem to the ballast, then plug-in the factory color coded wires into the ballast. The harness consists of wires bundled into sets (with one set per ballast) and a female connector. A factory wired male plug is supplied with multiple lamp Carleton and Exeter luminaires	COLOR - WH White - BL Black - SR Silver Designer Colors Consult Factory OPTIONS Fuse Holder Supplied with fuse Replace "-UN" with "-E12" (120V) or "-E27" (277V) - F1 Single pole Line to neutral

Dimensions

Housing	D	H	Std. Stem Length L (min)	Length L (Max)
RBR	12 1/2"	4 1/4"	6"	36"



† Replace the symbol with the number of lamps required.
See luminaire ordering page to determine the maximum number of lamps available

◆ Stem Length For other lengths, consult factory.

† Metal Halide Lamps:
ⓔ EISA: Pulse Start MH: 150W Electronic meets Energy Independence Security Act (EISA) requirements.



Description

The AccuLite collection of remote ballasts offers a variety of styles, allowing architects and interior designers to select the ballast which best fits the desired ambiance. Choose from standard white, black or silver finish or match the luminaire color. Available with single lamp magnetic HID ballasts (Pulse Start and Probe Start metal halide).

Listing UL1598/CSA C22.2 250

Features

Single Ballasts Single lamp HID

Ballast Mounting Ceiling, "Quick Install" • Mounts on a standard 4" junction box • Ceiling, Surface Mount, bolts directly to the ceiling over a recessed junction box • Pendant – Rigid mount

Fixture Suspension Stem Mount: stems mount directly to the cover plate • Provision for a cable suspension kit • Remote mounted luminaires are suspended independently of the ballast and wired through the side entries

Heavy Duty Construction Die cast aluminum housing • Heavy gauge cover plate

Finish Ballast and stems feature a polyester powder coat • Painted stems match the housing

Pulse Start Metal Halide Pulse Start provides longer lamp life, more lumens per watt, better lumen maintenance, superior color rendering, faster lamp warm up and faster hot restrike • Minimum starting temperature PS: -40°C, MH: -30°C

Ordering Information Example: RBR-175PS-QT-K-H3-36-SR

Series	Lamp (Watts/Type)	Ballast	Ballast Mounting	Luminaire Mounting	Stem Length◆	Color Options
RBR	-175PS	-QT	-K	-H3	-36	-SR
With Flat Cover						
RBR ● Pulse Start Metal Halide†‡ 50PS, 70PS, 100PS § {150PS†, Ⓔ {175PS, 200PS Probe Start Metal Halide‡ § {175MH, 250MH		Magnetic Ballast Consult Maximum Distance chart †‡ Standard Starter †‡ - QT ‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V - 480 ‡ 480V	Ceiling - Quick Install - K Mounts on 3 1/2" or 4" J-Box Not for use on sloped ceiling Ceiling - Surface Mount - C Surface Mount Drilled to bolt directly to the ceiling With two 1/2" side entries	Hang Straight Pendant Stem - H3 3/8" dia. 30° Swivel - H7 3/4" dia., 20° Swivel With vibration damper Rigid Pendant Stem - R7 3/4" Provision for Cable Suspension - CS Order Cable Suspension Kit Separately See Suspension Accessories section Remote Fixture - E Suspend & mount fixture independently from the ballast	- 12 12" - 18 18" - 24 24" - 36 36" Designer Colors Consult Factory OPTIONS Fuse Holder Supplied with fuse Replace "-QT" & "-TT" with line voltage - F1 Single pole Line to neutral - F2 Two pole Line to line	COLOR - WH White - BL Black - SR Silver
With Dome Cover						
RBR2 ● Pulse Start Metal Halide‡ Ⓔ {250PS, 320PS, 350PS, 400PS, 450PS Probe Start Metal Halide‡ § {400MH		Long Range Starter †‡ (50' max. lamp - ballast) - QT-LRS ‡ Quad Tap 120V, 208V, 240V, 277V - TT-LRS Tri Tap 120V, 277V, 347V - 480-LRS ‡ - 480V	Rigid Pendant - P 3/4" top entry			
Maximum Distance: Lamp - Ballast When distance from lamp to ballast exceeds these values						

Maximum Distance: Lamp - Ballast

When distance from lamp to ballast exceeds these values, specify a long range starter. Probe Start metal halide is dependent on wire size only.

Pulse Start Metal Halide (Magnetic Ballast)					
50W	2'	175W	2'	350W	2'
70W	15'	200W	2'	400W	10'
100W	20'	250W	5'	450W	2'
150W	10'	320W	2'		

† Metal Halide Lamps:

ⓔ EISA - Pulse Start MH: 175W thru 450W meet Energy Independence & Security Act (EISA) requirements.

‡ "Maximum Distance - Lamp to Ballast"

Consult the chart above to determine the maximum allowable lamp to ballast distance for pulse start metal halide lamps. If necessary, specify a long range starter.

◆ Stem Length

For other lengths, consult factory.

‡ **Caution:** 208V, 240V & 480V - when required by local code, luminaires must be furnished with a lamp socket protector

§ **Not for use in the United States when magnetic ballast is installed.**

● Fixtures are **ENERGY EFFICIENT**.

Dimensions

Housing	D	H	Std. Stem Length	
			L (min)	L (Max)
RBR	12 1/2"	4 1/4"	6"	36"
RBR2	12 1/2"	6 1/4"	6"	36"



**PG1 WITH OPTIONAL
POLYCARBONATE LENS**



PG1 STANDARD FIXTURE



**PG2 WITH OPTIONAL
POLYCARBONATE LENS**



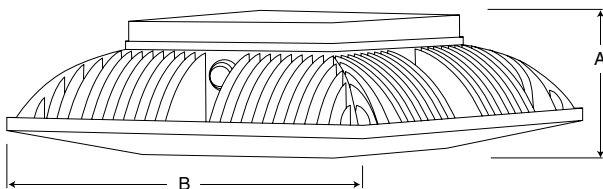
PG2 STANDARD FIXTURE



**PG2 WITH OPTIONAL
BATTERY PACK**

Dimensions

	A	B
PG1	4.5"	9"
PG2	4.5"	14"



Description

The PG luminaire is a small and efficient LED fixture for covered parking garages. Available in 3 lumen packages the PG series delivers up to 8000 lumens in two different size luminaires. The PG series outstanding uniformity and efficacy give customers a high quality lighting job while using a fraction of the energy of traditional light sources.

Features

Optics A symmetric, square distribution delivers uniformity and energy efficiency • A glass TIR (Total Internal Refraction) optic shapes the beam • An optional polycarbonate lens can be ordered • This option reduces glare for fixtures that will be installed in the driving lane • Also a side shield can be ordered when more light control is required

Construction Two piece cast aluminum housing fully sealed with silicone gaskets • Glare shield is made of molded acrylic • All hardware is corrosion resistant

Electrical The PG1 series fixtures use a 120-277V driver • The PG2 series fixtures can be ordered with a 120-277V driver, or an optional 347-480V driver

Mounting Can be surface mounted to a J-box, pendant mounted with a pipe or trunion mount options

Finish All exposed surfaces are finished with a 5 stage powder coat process in silver finish

Emergency Lighting Option Fixtures can be ordered with an integrally mounted emergency battery • The emergency battery pack will run the fixture at a reduced illumination level for 90 minutes • Option available only with PG2-A04 fixtures • Operating ambient temperature range is -22°F to 113°F (-30°C to 45°C) • Available for 120V-277V ("UN" or individual voltage codes)

Motion Detection Option Can be equipped with two motion detection options • Option "M" uses the sensor to switch the fixture ON and OFF (the fixture is normally OFF, and when motion is sensed the fixtures turn on) • Option "S" uses the sensor to switch the fixtures from Low light setting to High light setting, and when motion is detected the sensor switches the fixture to the High light setting) • The low light level setting is approximately 20% of full light output • PG1 size fixtures are always supplied with the motion sensor attached to the side of the fixture • Standard PG2 size fixtures (no optional poly lens) are also attached to the side of the fixtures • PG2 size fixtures with the optional polycarbonate lens (PL option) are supplied with the sensor mounted to the poly lens, in the middle of the fixture

0-10V Dimming Option Fixtures can be ordered with an optional 0-10V dimming driver

Certification Meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications

Ordering Information Example: PG1-A04-4K-UN-5-SL

Series	Engine Code	CCT	Voltage	Mounting	Distribution	Finish	Options
PG1	-A04	-4K	-UN	-TR	-5	-SL	-HS
PG1 Small Garage Lighter	- A04 5000 Lumens - A02 2500 Lumens	- 4K 4000K Optional CCT - 3K ⁵ 3000K - 35K ⁵ 3500K - 5K ⁵ 5000K	- UN 120-277V - E12 120V - E20 208V - E24 240V - E27 277V	No Suffix Surface or pendant ¹ - TR Trunion	- 5 Square Type 5	- SL Silver	- PC Photo Control (specify voltage) - M ^{2,4} Motion sensor ON/OFF (specify voltage) - S ^{2,4} Motion sensor HI/LOW (specify voltage) - PL Polycarbonate Lens - HS Side Shield - D Dimming 0-10VDC

Ordering Information Example: PG2-A08-4K-UN-5-SL

Series	Engine Code	CCT	Voltage	Mounting	Distribution	Finish	Options
PG2	-A08	-4K	-UN	-TR	-5	-SL	-HS
PG2 Large Garage Lighter	- A08 8000 Lumens - A04 5000 Lumens	- 4K 4000K Optional CCT - 3K ⁵ 3000K - 35K ⁵ 3500K - 5K ⁵ 5000K	- UN 120-277V - UH 347-480V - E12 120V - E20 208V - E24 240V - E27 277V - E34 347V - E48 480V	No Suffix Surface or pendant ¹ - TR Trunion	- 5 Square Type 5	- SL Silver	- PC Photo Control (specify voltage) - M ^{2,4} Motion sensor ON/OFF (specify voltage) - S ^{2,4} Motion sensor HI/LOW (specify voltage) - EX ³ Emergency battery -22° F to 113° F. For PG2-A04 engine only - PL Polycarbonate Lens - HS Side Shield - D Dimming 0-10VDC - WCR Wireless Controls Ready. For use with Daintree ControlScope Systems

¹ Surface mounting is achieved with a quick hanger (supplied); pendant mounting is achieved with pendant pipe and wet location j-box (supplied by others).

² Available with 120V or 277V only.

³ Available for 120V-277V ("UN" voltage code or individual voltages).

⁴ PG1 sensors are mounted on the side of the fixture. PG2 sensors may be mounted on the side of the fixtures or on the poly lens option. See motion detection section on page 1 for more details.

⁵ Optional CCTs are usually not in stock and may have a lead time.

For DesignLights Consortium® qualified fixtures, please refer to the product specification sheet at junolightinggroup.com

Accessories (Ordered and shipped separately for field installation)

Description	Catalog #
Bird guard kit for PG1	PG1BG
Bird guard kit for PG2	PG2BG
Polycarbonate glare shield for PG1 (same as PL options but field installed)	PG1PL
Polycarbonate glare shield for PG2 (same as PL options but field installed)	PG2PL
Wire guard for PG1	PG1WG
Wire guard for PG2	PG2WG

AccuLite™ Parking Garage & Canopy | Titan™ LED

Parking Garage & Canopy Luminaire CPLA 4200 Lumens



Description

With a traditional look and decades long reputation for toughness the Titan™ canopy luminaire now has a shallower profile designed to optimize the performance of the LED light engine. Ideal for surface ceiling mounted canopy applications in commercial, industrial and multi-housing residential buildings. The traditional 12" x 12" footprint allows for 1-for-1 replacement of old square HID fixtures without the need to touch up paint, or change mounting hardware.

Ordering Information

Series	Engine Code	CCT	Voltage
CPL	-A03	-5K	-UN
CPL Titan™ LED	-A03 50W	-5K 5000K	-UN 120-277V 50/60 Hz

LED Performance

Catalog #	CPL-A03-5K-UN
Delivered Lumens	4,180
Input Volts	120
Input Watts	48
Efficacy	87
PF	0.995
THDI%	8.1%

Features

Optics Standard polycarbonate lens offers a good canopy light distribution with great visual comfort • LEDs are perfectly shielded from view, while maintaining good efficiency and energy savings

Construction Heavy wall die cast aluminum housing with a prismatic polycarbonate lens • Stainless steel exposed hardware • Gaskets seal the fixture for wet location applications and keep bugs out of the lens

Electrical The luminaire is equipped with one LED driver with universal 120-277V • Operating temperature range is -30°C (-22°F) through 40°C (104°F) • Total Harmonic Distortion (THD) 20% Max. • Power factor > 0.90

Mounting Ceiling surface or pendant mounting using surface conduit or traditional J-Box • Includes threaded and plugged holes on 3 sides and on top for surface conduit

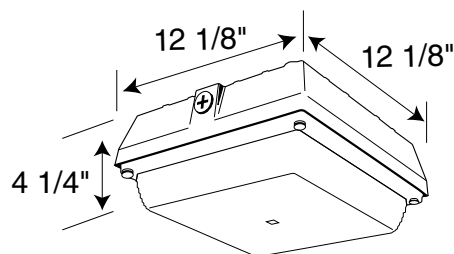
Finish Bronze polyester powder coat finish

Lampholder Specification grade porcelain, medium base

Listing UL1598 • CSA C22.2.250 • Suitable for wet locations
• Five year warranty

Dimensions

4-1/4" H X 12-1/8" W X 12-1/8" D





Description

Designed for installations where corrosion and moisture are present. AccuLite E-Series weather-proof fluorescent luminaires are installed in industrial process areas, food processing plants, poultry farms, refrigeration units, car washes and underground parking areas. Suitable for outdoor applications.

Features

Construction Polyester reinforced compound housing and high impact acrylic diffuser • Celcon snap action clips secure the lens • Conduit entry on both ends • Continuous poured gasket • Standard white reflector • Optional specular reflector

Non-Metallic Exterior components are non-metallic and chemical resistant

Moist and Corrosive Areas Designed for food processing plants, refrigeration units, industrial processing, car washes, etc.

Listing UL1598/CSA C22.2 250

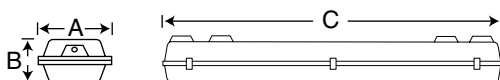
Ordering Information Example: ELF4-232-2-P-S-F2

Series	Lamp (Number/Watts/Type)	Voltage	Ballast	Reflector Finish	Options
ELF4	-232	-2	-P	-S	-F2
ELF4 4' Fixture	- 132 1x32W T8 - 232 1x32W T8	- U 120-277V - 1 120V - 2 277V	- P Programmed Start - H High ballast factor Instant start - N Normal ballast factor Instant start	- W Standard white reflector - S Optional specular reflector	- F1 Single fuse - F2 Double fuse - L5 Installed lamps 5100K - L4 Installed lamps 4100K - E1* Emergency ballast 1 lamp (120V or 277V only) - E2*† Emergency ballast 2 lamp (120V or 277V only)
	- 154 1x54W T5HO - 254 1x54W T5HO	- U 120-277V - 1 120V - 2 277V	- P Programmed Start		
ELF8 8' Fixture	- 232 2x32W T8 - 432 4x32W T8	- U 120-277V - 1 120V - 2 277V	- P Programmed Start - H High ballast factor Instant start - N Normal ballast factor Instant start		
	- 254 2x54W T5HO - 454 4x54W T5HO	- U 120-277V - 1 120V - 2 277V	- P Programmed Start		

* Must specify voltage
† Available with T8 fixtures only

Dimensions

	A	B	C
4 ft. fixture	7"	4 7/8"	50"
8 ft. fixture	7"	5"	97 7/8"



Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Hanging Bracket Accessory (does not include chain)	ELFNARROWHNGKT
Water Tight End Plug	ELFPLUGWT
Stainless Steel Latch (6 needed for ELF4, 12 needed for ELF8)	ELF-NARROW-SSL
Motion Sensor IP65, Low Bay	IPMS-LB
Motion Sensor IP65, High Bay	IPMS-HB



Description

The LW series is an architectural wall mounted LED luminaire ideally suited for commercial and industrial applications where a low profile, high performance luminaire is needed. The design of this luminaire takes full advantage of the LED light source with exclusive features specifically designed to extract heat from the diodes, thus improving light source performance. With an IP65 full fixture rating the LW series can be aimed up or down.

Features

Optics Custom designed, high performance molded TIR (Total Internal Refraction) optics shape the LED light with a wide throw or a forward throw distribution • A stainless steel polished-to-mirror finish reflector projects any stranded lumens out of the fixture, maximizing fixture performance.

Construction Heavy wall die cast aluminum body, back box, and frame deliver a sturdy, durable fixture

- A tempered glass lens completely seals and protects the LED compartment
- A powder coat finish with a thorough 6 stage application process seals the aluminum components from the environment.

Thermal Management LED boards are directly mounted against a polished surface for maximum contact between boards and heat sink • An exclusive air vent between the LED compartment and the electronic driver isolates and cools the two components.

Electrical The luminaire is equipped with two, three, or four LED modules depending on the light output/wattage selection • All versions are equipped with universal voltage LED drivers 120-277VAC input or 347V • An independent surge suppressor provides 10 kAmp of protection.

Mounting Direct mounting to wall with threaded and plugged back conduit entry • Dimpled location prepared for drilling a conduit entry from the sides (for surface conduit mounting) • Can be aimed down or up maintaining IP65 rating.

Finish Polyester powder coat finish with a six stage application process • Bronze, black, white or silver are standard

0-10V Dimming Option An optional 0-10V dimming driver (D option) is available.

Hazardous Locations When ordered with option "C1", Finia LED luminaires are approved for use in hazardous locations classified as Class 1, Div 2, Groups A, B, C and D • Temperature class T4 and ambient range of -20°C to 40°C (-4°F to 104°F) • These are areas where flammable gases or vapors may be present in the air during abnormal conditions.

Certification Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications • Full fixture IP65 rating • Compliant with Dark Skies ordinances when mounted aimed down • DesignLights Consortium® (see product specification sheets for qualified models.)

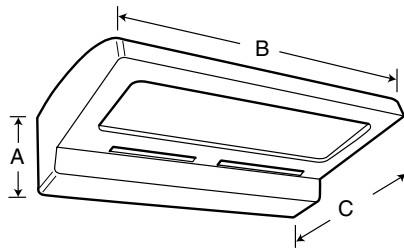
Ordering Information Example: LW1-40L-5K-UN-WT-HT-C1-WH

Series	Lamp/Watts	CCT	Voltage	Distribution	Options	Area Classification	Finish
LW1	-40L	-5K	-UN	-WT	-HT	-C1	-WH
LW2 LED Wall Mounted	- 40L 45W LED Engine	- 5K 5100K	- UN Universal 120-277V	- WT Wide Throw	- HT High transmission glass lens	- C1 Class 1, Div 2, Group A,B,C,D	no suffix Bronze finish
	- 50L 55W LED Engine	- 4K 4100K	- E3 347V	- FT Forward Throw	- PG Prismatic glass lens (WT & FT optics only)		- BL Black finish
LW1* High Performance LED Wall Mounted	- 80L 80W LED Engine			- WW Wall Wash	- TP Tamper resistant hardware		- WH White finish
					- D Dimming 0-10V		- SL Silver finish
							custom finish Contact factory with RAL number

* Available with engine codes 40L and 50L only.

Dimensions

	A	B	C
Standard Unit	4 3/4"	15 1/2"	9 3/4"
17 lb			
EPA = 0.5 ft²			





Description

The LWB series is an architectural wall mounted LED luminaire ideally suited for commercial applications where a low profile, high performance luminaire is needed. The design of this luminaire takes full advantage of the LED light source with exclusive features specifically designed to extract heat from the diodes, thus improving light source performance. An all LED emergency lighting option makes this fixture a great choice for security and emergency lighting applications. With an IP65 full fixture rating the LWB series can be aimed up for decorative and façade lighting applications.

Features

Optics Custom designed, high performance molded TIR (Total Internal Refraction) optics shape the LED light with a wide throw or a forward throw distribution • A stainless steel polished-to-mirror finish reflector projects any stranded lumens out of the fixture, maximizing fixture performance

Construction Heavy wall die cast aluminum body, back box, and frame deliver a sturdy, durable fixture

- A tempered glass lens completely seals and protects the LED compartment
- A powder coat finish with a thorough 6 stage application process seals the aluminum components from the environment

Thermal Management LED boards are directly mounted against a polished surface for maximum contact between boards and heat sink • An exclusive air vent between the LED compartment and the electronic driver isolates and cools the two components

Electrical The luminaire is equipped with two, three, or four LED modules depending on the light output/wattage selection • All versions are equipped with universal voltage LED drivers 120-277VAC input or 347/480VAC • Drivers are IP66 rated and RoHS compliant • An independent surge suppressor provides 10 kAmp of protection

Mounting Direct mounting to wall with threaded and plugged back conduit entry • Dimpled location prepared for drilling a conduit entry from the sides (for surface conduit mounting) • Can be aimed down or up maintaining IP65 rating

Finish Polyester powder coat finish with a six stage application process • Bronze, black, white or silver are standard

Emergency Lighting Option An optional integral battery pack can be provided for emergency lighting during a power outage • Choose EM option (-30° to 40°C, -22° to 104°F ambient)

Motion Detection Option The sensor is configured to function either as an ON/OFF switch (M option) or to operate a High/Low dimming driver (H option) • In the High/Low configuration the user can field adjust the "Low" light setting with an internal potentiometer for continuous adjustment down to 15%

0-10V Dimming Option An optional 0-10V dimming driver (D option) is available • In applications where additional 0-10V wiring presents a challenge, a programmable, automatic dimming unit (PD option) is available • The PD option eliminates the need for 0-10V wiring and automatically dims the fixture with a factory pre-programmed schedule

Two Independent Circuits Option Optional two independent circuit configuration ("2C" option) • Fixtures with this option include two drivers, each of them driving separate LED modules • Excellent option to meet the multiple lamp requirement in egress lighting ordinances, or for energy savings using individual switching of drivers • Fixtures with B06 engines supplied with two drivers, each operating one LED module • Fixtures with B09 engines supplied with one driver operating one module, and one driver operating two modules • Fixtures with B12 engines supplied with two drivers, each operating two LED modules • Option not available for fixtures with B03 engines, or emergency battery.

Certification Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications • Full fixture IP65 rating

Ordering Information Example: LW-B06-5K-E2-WT-PC

Series	Light Engine Code	CCT	Voltage	Distribution	Options	Finish
LW	B09	4K	E2	WT	PC	WH
LW High Performance LED Wall Mounted	B03 35W LED Engine B06 70W LED Engine B09 105W LED Engine B12 135W LED Engine	5K 5000K 4K 4000K 3K 3000K	UN Universal 120-277V E1 120V E2 277V E3 347V E4 480V	WT Wide Throw FT Forward Throw WW Wall Wash	PC ¹ Button Style Photocontrol (Specify voltage) H ^{2,4,5} Motion sensor hi/lo (Specify voltage) M ^{1,6} Motion sensor on/off (Specify voltage) HT High transmission glass lens (WT & FT optics only) PG Prismatic glass lens (WT & FT optics only) PL ⁴ Polycarbonate Lens (WT & FT optics only) F ⁷ Fusing (Specify voltage) TP Tamper resistant hardware D ¹ Dimming 0-10V PD ^{1,4} Pre-programmed Dimming 2C ^{1,5} Two independent circuits (Not available with B03 engine) EM ^{1,7} Integral emergency battery (-30° to 40°C, -22° to 104°F ambient)	no suffix Bronze finish BL Black finish WH White finish SL Silver finish custom finish Contact factory with RAL number

Notes:
¹Available in 120V-277V

²Available with 120V or 277V only

³Available with 120V, 277V or 347V only

⁴Options "H", "D" and "PD" can't be combined.

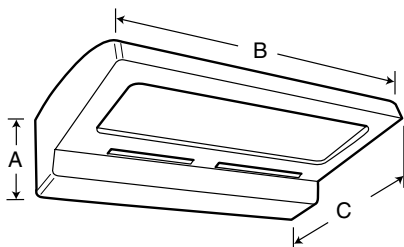
⁵Option "2C" can't be combined with options "PC", "EM" or "M".

⁶Option not available for uplighting applications.

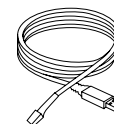
⁷Fixtures with "EM" and "F" options combined are supplied with a single fuse connected to the main driver input line.

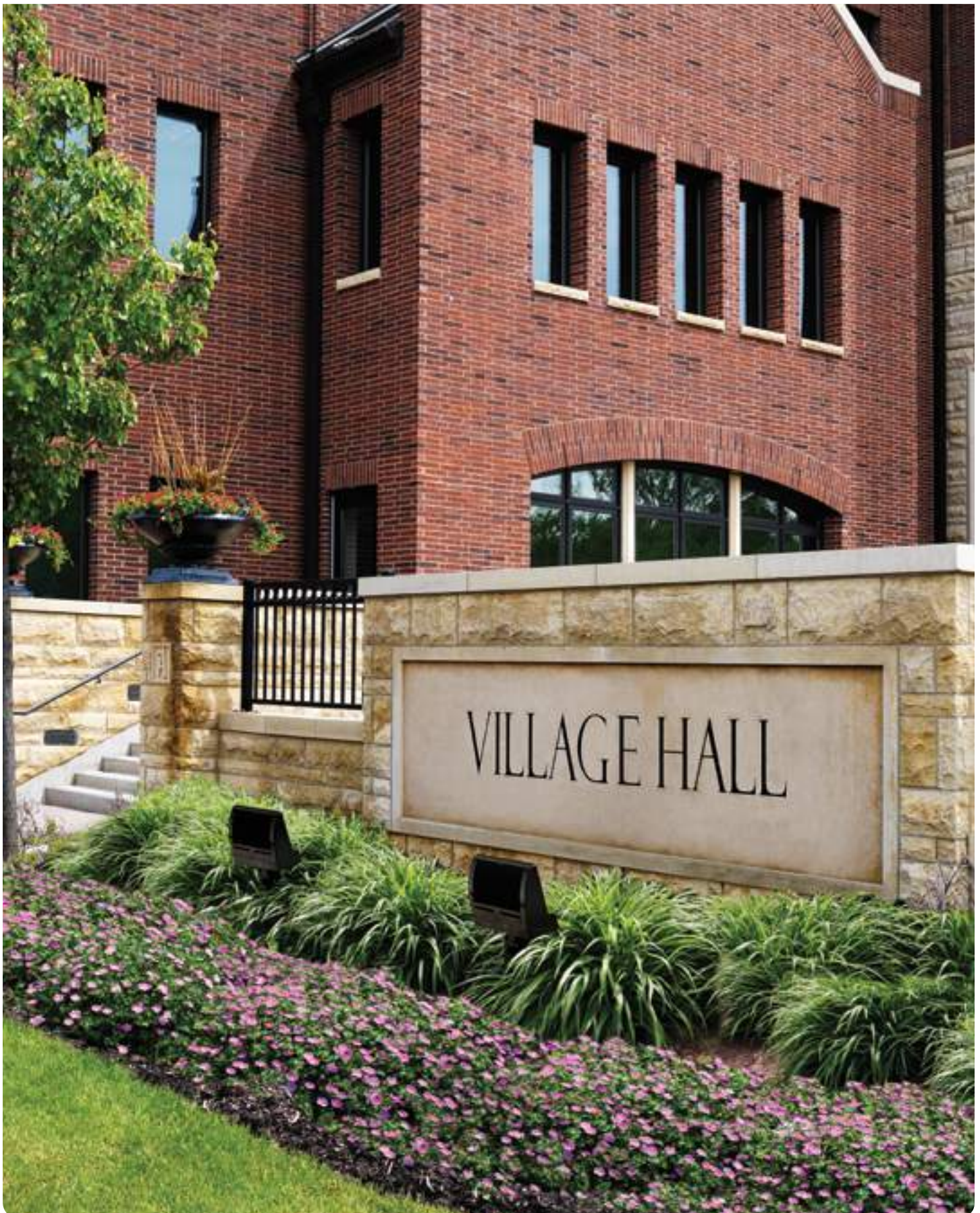
Dimensions

	A	B	C	Weight	
Standard Unit	4 3/4"	15 1/2"	9 3/4"	17 lb	EPA = 0.5 ft ²
Unit w/ Emergency Battery	4 3/4"	15 1/2"	11 1/2"	25 lb	EPA = 0.6 ft ²


Accessories (Ordered and shipped separately)

Description	Catalog #
USB PC Cable For field programming of "PD" option with a PC	PDUSBPCCABLE





AccuLite™ Security Lighting | Alari™ LED

Wall Sconce LED, 35W, 70W or 105W



Description

The Alari LED Wall Sconce is a wall mounted performance luminaire that provides a graceful transition from the parking lot to the building. The sweeping curves and elegant lines create a daytime appeal not normally found in a luminaire of this type. The high performance optics complete the Alari package, providing even illumination and exceptional fixture spacing. The Alari LED Wall Sconce is available with a robust LED engine that delivers up to 9,000 lumens and it can be ordered with an optional integral emergency battery system.

Features

Optics High performance molded TIR (Total Internal Reflection) optics shape the LED light with a wide throw, forward throw or wall wash distribution • The wide and forward throw distributions are performance oriented to extract the maximum light out of the LEDs and deliver it exactly where needed • A tempered glass lens completely seals the optical system.

"Dark Sky" Friendly Meets Dark Sky ordinance requirements

Construction Die cast aluminum housing • Stainless steel external hardware • Hinged door • Tempered glass lens mechanically attached with lens clips to facilitate lens replacement • Silicone rubber gaskets completely seal the unit • Rubber grommet for wiring entry keeps insects and dust out of the fixture • J-Box mounting bracket includes level for a straight fixture installation.

Thermal Management LED boards are mounted to an aluminum heat sink that is directly attached to the external housing, transferring the LED heat to the outside of the fixture through the housing surface.

"Easy-Install" Mounting Mounts to a standard 3 1/2" or 4" junction box • Using the built-in level, align the bracket and secure it • Hang the luminaire and secure with heavy duty set screws.

Emergency Lighting Option An optional integral battery pack can be provided for emergency lighting during a power outage • Emergency battery pack is internal to the fixture so there is no need for any external battery installation

- Choose EM option (-30° to 40°C, -22° to 104°F ambient)
- Available for 120V or 277V only.

Finish Polyester powder coat finish with a six stage application process • Bronze, black, white or silver are standard • Designer finishes available upon request (provide RAL number).

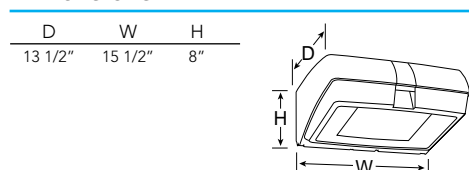
0-10V Dimming Option An optional 0-10V dimming driver (D option) is available.

Certification Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications • Full fixture IP65 rating • Compliant with Dark Sky ordinances • Union made • Assembled in the USA • Meets "Buy American Act" • 5 year limited warranty.

Ordering Information Example: AW-B03-5K-UN-WT-SP

Series	Lamp (Watts/Type @ 5100K)	Color Temperature	Volts	Distribution	Options
AW	B03	-5K	-UN	-WT	-SP
AW	- B03 LED, 3000 Lumens, 35 watts	- 5K 5000K	- UN 120-277V	- WT Wide Throw	- PC* Photo Control
	- B06 LED, 6000 Lumens, 70 watts	- 4K 4000K	- E1 120V	- FT Forward Throw	- F* Fusing
	- B09 LED, 9000 Lumens, 105 watts		- E20 208V	- WW Wall Wash	- D 0-10V Dimming Driver
			- E24 240V		- EM * Emergency Battery Pack Available for 120V or 277V only. (-30° to 40°C, -22° to 104°F)
			- E2 277V		- SP Surge Protector
			- E3 347V		Color - no suffix Bronze Finish
			- E4 480V		- BL Black Finish
					- SL Silver Finish
					- WH White Finish
					*Specify Voltage

Dimensions



Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Polycarbonate Guard	AWPG
Wire Guard	AWWG
Side Shield	AWSS



AW: With two MR11 Emergency lamps

Description

Beauty & Style The ultimate in stylish lighting design, the Alari™ luminaire provides a graceful transition from ground to sky. The sweeping curves and elegant lines create a daytime appeal not normally found in a luminaire of this type

Performance Highly engineered optics ensure industry leading light levels with superior uniformity. The full compliment of beam spreads make the Alari™ luminaire the ideal choice for elegant high performance lighting

Features

Optics • Precision engineered multi-faceted reflectors ensure precise light control and superior uniformity • Heat resistant tempered glass lens

"Dark Sky" Friendly Full cut-off • Dark Sky compliant optics

Tool-Less Relamping Snap action door latch

Construction Die cast aluminum • Stainless steel external hardware • Hinged door • Ballast mounted directly to housing

"Easy-Install" Mounting Mounts to a standard 3 1/2" or 4" junction box • Using the built-in level, align the bracket and secure it • Hang the luminaire and secure with heavy duty set screws

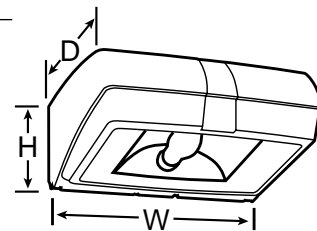
Lampholder HID - specification grade medium base porcelain • CFL - 4 pin GX24Q base

Ballasts Low starting temperature • HPF magnetic ballast - Probe start MH -30°C, Pulse Start MH -40°C, HPS -40°C • Electronic ballast - CFL -18°C

Listing UL1598/CSA C22.2 250 • Suitable for wet locations • IP65 full fixture rating

Dimensions

D	W	H
13 1/2"	15 1/2"	8"



Ordering Information Example: AW150PS-QT-WT-L

Series	Lamp (Watts/Type)	Ballast	Beam Spread	Options
AW	150PS	-QT	-WT	-L
AW Alari® Wall Sconce	<p>● Pulse Start Metal Halide† Medium base 50PS, 70PS, 100PS, 150PS ED17</p> <p>Probe Start Metal Halide† Medium base § {175MH BD17</p> <p>● High Pressure Sodium Medium base 35HP, 50HP, 70HP, 100HP, 150HP B17</p> <p>● Compact Fluorescent GX24Q Base 126CF, 132CF, 142CF, One Lamp 226CF, 232CF, 242CF Two Lamps (Two lamps only available with wide throw reflector)</p>	<p>MAGNETIC BALLAST 35W & 50W HPS lamps - 120 120V, - 277 277V, - 347 347V 50W thru 150PS, 175W MH, 70W thru 150W HPS - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V 100W thru 175W lamps - 480‡ 480V</p> <p>ELECTRONIC BALLAST 26W thru 42W CFL - UN 120V/277V, - E12 120V, - E27 277V, - E34 347V</p>	<p>- WT Wide Throw</p> <p>- FT Forward Throw (Single lamp only)</p>	See below

Options

Description	Suffix	Description	Suffix	Description	Suffix
Lamp		Emergency Ballast, Dual Function Lamp		Auxiliary Quartz Lighting	
Clear H.I.D.	- L	Specify line voltage,		Double contact, bayonet base	
Coated H.I.D.	- CL	Available 120V (-E12) or 277V (-E27)		Quartz lamp should not exceed	
Compact Fluorescent	By others	<u>For use with one or two CF lamps.</u>		wattage of HID lamp. For 35W	
Photocontrol		The CF lamp(s) operate off the CF		thru 100W use 100W quartz lamp.	
Replace "-QT", "-TT" & "-UN"		ballast, the lamp selected for dual		Quartz lamp not included.	
with the line voltage suffix		function also operates off the		<u>For use with HID luminaires</u>	
(Max 347V)	- PC	emergency ballast.		Cold Start/Hot Restrike with delay	- Q
Fuse		Minimum 0°C (32°F)	- EMB	Hot Restrike only	- HQ
Specify voltage	- F	Minimum -18°C (0°F)	- EMX	Color	
		Emergency Ballast, Dedicated Emergency Lamp		Bronze (Standard)	No suffix
		Specify line voltage, 120V or 277V		Black	-BL
		<u>For use with two CF lamps</u>		White	-WH
		One lamp operates off the CF ballast			
		and is dedicated to general lighting,			
		the second lamp is dedicated to			
		emergency lighting and operates			
		off the emergency ballast.			
		Minimum 0°C (32°F)	- EMBD		
		Minimum -18°C (0°F)	- EMXD		
		Emergency Circuit, 120V Quartz Lamp			
		<u>For use with HID & CF luminaires</u>			
		Quartz lamp not included			
		Double contact, bayonet base Quartz			
		lamp should not exceed wattage of			
		HID lamp. For 35W - 100W use 100W			
		quartz lamp.			
		Socket only, for external 120V			
		emergency power supply	- ES		
		Emergency Circuit, 12V MR11 Halogen Lamp			
		<u>For use with HID & CF luminaires</u>			
		MR11 lamp(s) included			
		Field aimable 2 pin G4 base MR11 lamp			
		35W lamp(s) supplied, 12VDC			
		With one MR11 lamp	- DC12		
		With two MR11 lamps	- 2DC12		

† **Metal Halide:**
EISA - Pulse Start MH: 150W wet location luminaires are Energy Independence & Security Act (EISA) exempt.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Polycarbonate Guard	AWPG
Wire Guard	AWWG
Side Shield	AWSS



Quarter Sphere
DS Series



Truncated Sphere
DZ Series



Half Round
DR Series



Trapezoid
DT Series

Description

The Polaris is a decorative, wall mounted luminaire for outdoor applications where quality of light and dark sky ordinances are of concern. The ultra bright LED arrays are aimed to optimize light distribution while providing even illumination on the wall and highlighting architectural features through wall grazing.

Features

Optics Full cut-off distribution achieved through a recessed, aimed LED array that reduces glare and eliminates light above the 90 degree plane • Ideal for security lighting and wall grazing applications

"Easy-Install" Mounting Mounts to a standard 3 1/2" or 4" junction box • Using the built-in level, align the bracket and secure it • Hang the luminaire and secure with heavy duty set screws

Construction Heavy duty die cast aluminum housing

- Concealed cover screws secure the door assembly
- Lens is secured mechanically and sealed with a silicone rubber gasket, no silicone sealants are used
- Stainless steel external hardware • Tempered glass lens
- Formed aluminum heat sink

LED Thermal Management Polaris luminaires are equipped with a formed aluminum heat sink that creates a strong bond between the LED arrays and the aluminum housing, thus utilizing the entire mass and surface area of the luminaire as a heat sink. This reduces LED operating temperature and increases LED life

Electrical The luminaire is equipped with one LED driver with universal 120-277VAC • Driver minimum operating temperature is -30°C (-22°F) • Total Harmonic Distortion (THD) 20% Max • Power factor > 92% at full load • An independent surge suppressor provides 10kAmp of protection

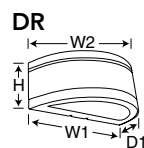
Emergency Battery Backup (Option "EM") Fixture is supplied with an integral emergency battery that provides power to the fixture for 90 minutes • Suitable for ambient temperatures between -30° - 40°C (-22° - 104°F) • Requires an un-switched power source

Finish Polyester powder coat finish • Bronze, black, white or silver

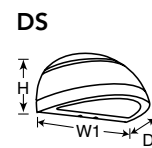
Listing Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications

Dimensions

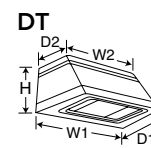
	W1	W2	D1	D2	H
	Width @ Bottom	Width @ Top	Depth @ Bottom	Depth @ Top	Height
DR Series	18 1/8"	17 3/4"	9 1/4"	—	7 1/8"
DS Series	18 3/8"	—	9 1/4"	—	9 1/8"
DT Series	16 3/4"	14 3/4"	9 1/4"	5 1/2"	7 1/8"
DZ Series	18"	16 1/2"	9"	6 7/8"	9 1/8"



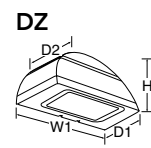
Weight
22 lb. (10 kg)



Weight
21 lb. (9.5 kg)



Weight
21 lb. (9.5 kg)



Weight
21 lb. (9.5 kg)

Ordering Information Example: DS-A026-4K-UN-FG

Series	Engine Code	CCT	Volts	Options
DS	-A026	-4K	-UN	-FG
DR Half Round	- A017 22W LED	- 4K 4000K	- UN Universal 120-277VAC	- PC Photocontrol (specify voltage)
DS Quarter Sphere	- A026 35W LED	- 35K 3500K	- E12 120VAC	- F Fuse (specify voltage)
DT Trapezoid	- A032 45W LED		- E27 277VAC	- FG Frosted Glass
DZ Truncated Sphere			- E34 347VAC	- TP Tamper Resistant Screws
				- EM* Integral Emergency Battery Backup
				Finish no suffix Bronze finish
				- BL Black finish
				- WH White finish
				- SL Silver finish

* Emergency battery option is available for 120V, 277V, or 347V. For 120V or 277V specify "UN" suffix for voltage. For 347V specify "E34" suffix for voltage. Ambient operating temperature range is -30° to 40°C (-22° to 104°F).

LED Data

Ordering Code	System Watts	CCT	CRI	Luminaire Initial Absolute Lumens
A017	22	4000K	80 Typical	1,710
A027	35	4000K	80 Typical	2,655
A032	45	4000K	80 Typical	3,404

LED Lumen Depreciation

Ambient Temperature (°C)	L ₇₀ Hours*
25 °C	50,000

*L₇₀ is the predicted time when LED performance depreciates to 70% of initial lumen output while operating at the stated ambient temperature.



Quarter Sphere
DS Series



Truncated Sphere
DZ Series



Half Round
DR Series



Trapezoid
DT Series

Description

Polaris™ decorative wall mounted security and accent luminaires feature four attractive geometric shapes

"Dark Sky" Compliant The full cut-off optics of Polaris™ downlighting luminaires comply with Dark Sky ordinances

Features

Optics IES Full cut-off downlighting • Wide throw

• One and two lamp compact fluorescent, one lamp HID

"Easy-Install" Mounting Mounts to a standard 3 1/2" or 4" junction box • Using the built-in level, align the bracket and secure it • Hang the luminaire and secure with heavy duty set screws

Emergency Lighting Available for both HID and compact fluorescent luminaires • Emergency ballast for CF luminaires • 12V emergency circuit for one or two MR11 lamps for CF and HID luminaires • 120V emergency circuit for double contact bayonet base quartz lamps for CF and HID luminaires

Auxiliary Lighting Double contact bayonet base quartz lamp • Cold start/Hot restrike with delay or hot restrike only • Used in applications that do not require emergency lighting

Construction Heavy duty die cast aluminum housing

• Concealed cover screws secure the door assembly
• Lens is secured mechanically and sealed with a silicone rubber gasket, no silicone sealants are used • Stainless steel external hardware • Tempered glass lens

Lampholder HID: Specification grade porcelain, medium base • Compact Fluorescent: 4-pin GX24Q base

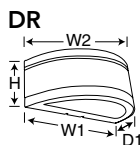
Finish Polyester powder coat finish

Ballasts Low starting temperature • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C, CF -18°C

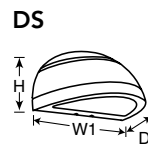
Listing UL1598/CSA C22.2 250 • Full Cut-Off optics
• Suitable for wet locations

Dimensions

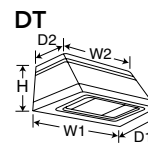
	W1	W2	D1	D2	H
	Width @ Bottom	Width @ Top	Depth @ Bottom	Depth @ Top	Height
DR Series	18 1/8"	17 3/4"	9 1/4"	—	7 1/8"
DS Series	18 3/8"	—	9 1/4"	—	9 1/8"
DT Series	16 3/4"	14 3/4"	9 1/4"	5 1/2"	7 1/8"
DZ Series	18"	16 1/2"	9"	6 7/8"	9 1/8"



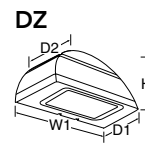
Weight
22 lb. (10 kg)



Weight
21 lb. (9.5 kg)



Weight
21 lb. (9.5 kg)



Weight
21 lb. (9.5 kg)

Ordering Information Example: DS150PS-QT-L

Series	Lamp (Watts/Type)	Ballast	Beam Spread	Options
DS	150PS	-QT	-	-L
DR Half Round	● Pulse Start Metal Halide† Medium base	MAGNETIC BALLAST	No suffix Wide Throw	See below
DS Quarter Sphere	50PS, 70PS, 100PS, 150PS ED17	35W & 50W HPS lamps - 120 120V, - 277 277V, - 347 347V		
DT Trapezoid		50W thru 150PS, 175W MH, 70W thru 150W HPS		
DZ Truncated Sphere	Probe Start Metal Halide† Medium base § {175MH BD17	- QT‡ Quad Tap 120V, 208V, 240V, 277V		
	● High Pressure Sodium Medium base	- TT Tri Tap 120V, 277V, 347V		
	35HP, 50HP, 70HP, 100HP, 150HP B17	100W thru 175W lamps - 480‡ 480V		
	● Compact Fluorescent GX24Q Base	ELECTRONIC BALLAST		
	26CF, 32CF, 42CF One Lamp	26W thru 42W CFL		
	226CF, 232CF, 242CF Two Lamps	- UN 120V/277V, - E12 120V, - E27 277V, - E34 347V		

Options

Description	Suffix	Description	Suffix	Description	Suffix
Lamp		Emergency Ballast, Dual Function Lamp		Auxiliary Quartz Lighting	
Clear H.I.D.	- L	Specify line voltage,		Double contact, bayonet base	
Coated H.I.D.	- CL	Available 120V (-E12) or 277V (-E27)		Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp.	
Compact Fluorescent	By others	<u>For use with one or two CF lamps.</u>		Quartz lamp not included.	
Photocontrol		The CF lamp(s) operate off the CF ballast, the lamp selected for dual function also operates off the emergency ballast.		<u>For use with HID luminaires</u>	
Replace "-QT" & "-TT" with the line voltage suffix (Max 347V)	- PC			Cold Start/Hot Restrike	- Q
Fuse				Hot Restrike only	- HQ
(specify voltage)				Color	
Single Pole	- F1	Minimum 0°C (32°F)	- EMB	Bronze (Standard)	No suffix
Two Pole	- F2	Minimum -18°C (0°F)	- EMX		
Tamper Resistant Hardware		Emergency Ballast, Dedicated Emergency Lamp		Black	-BL
Tamper resistant screws supplied	- TP	Specify line voltage, 120V or 277V		White	-WH
		<u>For use with two CF lamps</u>		Silver	-SL
		One lamp operates off the CF ballast and is dedicated to general lighting, the second lamp is dedicated to emergency lighting and operates off the emergency ballast.			
		Minimum 0°C (32°F)	- EMBD		
		Minimum -18°C (0°F)	- EMXD		
		Emergency Circuit, 120V Quartz Lamp			
		<u>For use with HID & CF luminaires</u>			
		Quartz lamp not included			
		Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W - 100W use 100W quartz lamp.			
		Socket only, for external 120V emergency power supply	- ES		
		Emergency Circuit, 12V MR11 Halogen Lamp			
		<u>For use with HID & CF luminaires</u>			
		MR11 lamp(s) included			
		Field aimable 2 pin G4 base MR11 lamp			
		35W lamp(s) supplied, 12VDC supply			
		With one MR11 lamp	- DC12		
		With two MR11 lamps	- 2DC12		
		2DC12 option not available with two lamp fixtures			

† Metal Halide:

Ⓢ EISA - Pulse Start MH: 150W wet location luminaires are Energy Independence & Security Act (EISA) exempt.

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ Not for use in the United States.

● Fixtures are **ENERGY EFFICIENT**.



Quarter Sphere
DS Series



Truncated Sphere
DZ Series



Half Round
DR Series



Trapezoid
DT Series

Description

Polaris™ decorative wall mounted security and accent luminaires feature four attractive geometric shapes

"Dark Sky" Compliant The full cut-off optics of Polaris™ downlighting luminaires comply with Dark Sky ordinances

Features

Optics IES Full cut-off downlighting • Forward throw

• One lamp compact fluorescent or HID

"Easy-Install" Mounting Mounts to a standard 3 1/2" or 4" junction box • Using the built-in level, align the bracket and secure it • Hang the luminaire and secure with heavy duty set screws

Emergency Lighting Available for both HID and compact fluorescent luminaires • Emergency ballast for CF luminaires • 12V emergency circuit for one or two MR11 lamps for CF and HID luminaires • 120V emergency circuit for double contact bayonet base quartz lamps for CF and HID luminaires

Auxiliary Lighting Double contact bayonet base quartz lamp • Cold start/Hot restrike or hot restrike only • Used in applications that do not require emergency lighting

Construction Heavy duty die cast aluminum housing

• Concealed cover screws secure the door assembly

• Lens is secured mechanically and sealed with a silicone rubber gasket, no silicone sealants are used • Stainless steel external hardware • Tempered glass lens

Lampholder HID: Specification grade porcelain, medium base • Compact Fluorescent: 4-pin GX24Q base

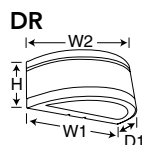
Finish Polyester powder coat finish

Ballasts Low starting temperature • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C, CF -18°C

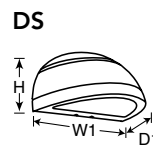
Listing UL1598/CSA C22.2 250 • Full Cut-Off optics • Suitable for wet locations

Dimensions

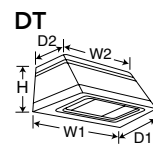
	W1	W2	D1	D2	H
	Width @ Bottom	Width @ Top	Depth @ Bottom	Depth @ Top	Height
DR Series	18 1/8"	17 3/4"	9 1/4"	—	7 1/8"
DS Series	18 3/8"	—	9 1/4"	—	9 1/8"
DT Series	16 3/4"	14 3/4"	9 1/4"	5 1/2"	7 1/8"
DZ Series	18"	16 1/2"	9"	6 7/8"	9 1/8"



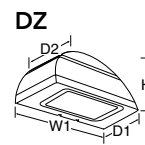
Weight
22 lb. (10 kg)



Weight
21 lb. (9.5 kg)



Weight
21 lb. (9.5 kg)



Weight
21 lb. (9.5 kg)

Ordering Information Example: DS150PS-QT-FT-L

Series	Lamp (Watts/Type)	Ballast	Beam Spread	Options
DS	150PS	-QT	-FT	-L
DR Half Round	● Pulse Start Metal Halide†	MAGNETIC BALLAST	- FT Forward Throw	See below
DS Quarter Sphere	Medium base	35W & 50W HPS lamps		
DT Trapezoid	50PS, 70PS, 100PS ED17	- 120 120V, - 277 277V, - 347 347V		
DZ Truncated Sphere	Ⓔ {150PS ED17	50W thru 150PS, 175W MH, 70W thru 150W HPS		
	Probe Start Metal Halide†	- QT‡ Quad Tap		
	Medium base	120V, 208V, 240V, 277V		
	§ {175MH BD17	- TT Tri Tap 120V, 277V, 347V		
		100W thru 175W lamps		
	● High Pressure Sodium	- 480‡ 480V		
	Medium base	ELECTRONIC BALLAST		
	35HP, 50HP, 70HP, 100HP, 150HP B17	26W thru 42W CFL		
		- UN 120V/277V,		
	● Compact Fluorescent	- E12 120V, - E27 277V, - E34 347V		
	GX24Q Base			
	26CF, 32CF, 42CF One Lamp			

Options

Description	Suffix	Description	Suffix	Description	Suffix
Lamp		Emergency Ballast, Dual Function Lamp		Auxiliary Quartz Lighting	
Clear H.I.D.	- L	Specify line voltage,		Double contact, bayonet base	
Coated H.I.D.	- CL	Available 120V (-E12) or 277V (-E27)		Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp.	
Compact Fluorescent	By others			Quartz lamp not included.	
Photocontrol		The CF lamp(s) operate off the CF ballast and also operates off the emergency ballast.		<u>For use with HID luminaires</u>	
Replace "-QT" & "-TT" with the line voltage suffix (Max 347V)	- PC	Minimum 0°C (32°F)	- EMB	Cold Start/Hot Restrike	- Q
Fuse		Minimum -18°C (0°F)	- EMX	Hot Restrike only	- HQ
(specify voltage)		Emergency Circuit, 120V Quartz Lamp		Color	
Single Pole	- F1	<u>For use with HID & CF luminaires</u>		Bronze (Standard)	No suffix
Two Pole	- F2	Quartz lamp not included		Black	-BL
Tamper Resistant Hardware		Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W - 100W use 100W quartz lamp.		White	-WH
Tamper resistant screws supplied	- TP	Socket only, for external 120V emergency power supply	- ES	Silver	-SL
		Emergency Circuit, 12V MR11 Halogen Lamp			
		<u>For use with HID & CF luminaires</u>			
		MR11 lamp(s) included			
		Field aimable 2 pin G4 base MR11 lamp			
		35W lamp(s) supplied, 12VDC supply			
		With one MR11 lamp	- DC12		
		With two MR11 lamps	- 2DC12		
		2DC12 option not available with two lamp fixtures			

† Metal Halide:

Ⓔ EISA - Pulse Start MH: 150W wet location luminaires are Energy Independence & Security Act (EISA) exempt.

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ Not for use in the United States.

● Fixtures are **ENERGY EFFICIENT**.



Truncated Sphere
DZ Series



Half Round
DR Series

Description

Polaris™ decorative wall mounted security and accent luminaires feature two attractive geometric shapes with up/down illumination

Features

Optics Up/Down • One and two lamp compact fluorescent, one lamp HID

"Easy-Install" Mounting Mounts to a standard 3 1/2" or 4" junction box • Using the built-in level, align the bracket and secure it • Hang the luminaire and secure with heavy duty set screws

Emergency Lighting Available for both HID and compact fluorescent luminaires • 12V emergency circuit for one or two MR11 lamps for CF and HID luminaires • 120V emergency circuit for double contact bayonet base quartz lamps for CF and HID luminaires

Auxiliary Lighting Double contact bayonet base quartz lamp • Cold start/Hot restrike or hot restrike only • Used in applications that do not require emergency lighting

Construction Heavy duty die cast aluminum housing • Concealed cover screws secure the door assembly • Lens is secured mechanically and sealed with a silicone rubber gasket, no silicone sealants are used • Stainless steel external hardware • Tempered glass lens

Lampholder HID: Specification grade porcelain, medium base • Compact Fluorescent: 4-pin GX24Q base

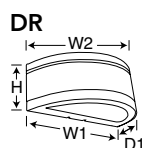
Finish Polyester powder coat finish, borosilicate glass lens

Ballasts Low starting temperature • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C, CF -18°C

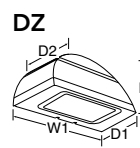
Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Dimensions

	W1	W2	D1	D2	H
	Width @ Bottom	Width @ Top	Depth @ Bottom	Depth @ Top	Height
DR Series	18 1/8"	17 3/4"	9 1/4"	—	7 1/8"
DZ Series	18"	16 1/2"	9"	6 7/8"	9 1/8"



Weight
22 lb. (10 kg)



Weight
21 lb. (9.5 kg)

Ordering Information Example: DR150PS-QT-UD-L

Series	Lamp (Watts/Type)	Ballast	Beam Spread	Options
DR	150PS	-QT	-UD	-L
DR Half Round DZ Truncated Sphere	<p>● Pulse Start Metal Halide† Medium base 50PS, 70PS, 100PS, 150PS ED17</p> <p>Probe Start Metal Halide† Medium base § {175MH} BD17</p> <p>● High Pressure Sodium Medium base 35HP, 50HP, 70HP, 100HP, 150HP B17</p> <p>● Compact Fluorescent GX24Q Base 26CF, 32CF, 42CF One Lamp 226CF, 232CF, 242CF Two Lamps</p>	<p>MAGNETIC BALLAST 35W & 50W HPS lamps - 120 120V, - 277 277V, - 347 347V 50W thru 150PS, 175W MH, 70W thru 150W HPS - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V 100W thru 175W lamps - 480‡ 480V</p> <p>ELECTRONIC BALLAST 26W thru 42W CFL - UN 120V/277V, - E12 120V, - E27 277V, - E34 347V</p>	- UD Up/Down	See below

Options

Description	Suffix	Description	Suffix	Description	Suffix
Lamp		Emergency Circuit, 120V Quartz Lamp* <u>For use with HID & CF luminaires</u> Quartz lamp not included		Auxiliary Quartz Lighting* Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp. Quartz lamp not included.	
Clear H.I.D.	- L			<u>For use with HID luminaires</u> Cold Start/Hot Restrike	- Q
Coated H.I.D.	- CL			Hot Restrike only	- HQ
Compact Fluorescent	By others			Color Bronze (Standard)	No suffix
Photocontrol		Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W - 100W use 100W quartz lamp.			
Replace "-QT" & "-TT" with the line voltage suffix (Max 347V)	- PC				
Fuse (specify voltage)		Socket only, for external 120V emergency power supply	- ES		
Single Pole	- F1	Emergency Circuit, 12V MR11 Halogen Lamp* For use with HID & CF luminaires MR11 lamp(s) included		Black	- BL
Two Pole	- F2			White	- WH
Tamper Resistant Hardware		Field aimable 2 pin G4 base MR11 lamp 35W lamp(s) supplied, 12VDC supply		Silver	- SL
Tamper resistant screws supplied	- TP	With one MR11 lamp	- DC12		
		With two MR11 lamps	- 2DC12		
		2DC12 option not available with two lamp fixtures			

† Metal Halide:

Ⓢ EISA - Pulse Start MH: 150W wet location luminaires are Energy Independence & Security Act (EISA) exempt.

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ Not for use in the United States.

● Fixtures are **ENERGY EFFICIENT**.



**COS Series -
Downlighting**



**COU Series -
Uplighting**

Description

AccuLite COS and COU decorative cylinders are ideal for accent lighting on building façades or security lighting. They are Available in either down light (COS) or up light (COU) configurations. The LED light source delivers energy efficiency with minimal maintenance costs.

Listing Fixture meets UL1598 and CSA C22.2-250 standards

- Suitable for wet location applications • Full cut-off
- Union made • Driver meets UL879, UL1310 Class 2, cUL

Features

Optics LED source with accent lighting distribution down (COS) or up (COU) • Spun aluminum reflector with specular finish coupled with a diffusing lens to reduce glare and smooth out the light on the wall.

Construction Heavy duty extruded aluminum barrel

- Die cast aluminum cover, lens frame, driver housing and driver tray • Hinge down driver tray for easy installation
- Borosilicate glass lens

LED Thermal Management COS and COU luminaires are equipped with a die cast aluminum heat sink that removes the heat from the critical LED components. This reduces LED operating temperature and increases LED life

Electrical The luminaire is equipped with one LED module

- All versions are equipped with universal voltage LED drivers 120-277VAC input • An independent surge suppressor provides 10 kAmp of protection

Finish Polyester powder coat finish • Bronze, black or white • Designer finishes available

Lumen Depreciation 50,000 hours L_{70} at 77°F (25°C) ambient

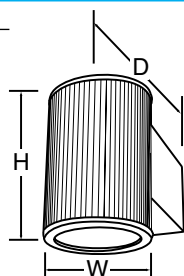
Ordering Information Example: COSA0323KE12PC

Series	Lamp (Watts/Type)	CCT	Volts	Options
COS	A032	3K	E12	PC
COS Down Only Accent Lighting	A017 22W LED	4K 4100K	UN Universal 120-277VAC	F Fused (replace UN with line voltage suffix)
COU Up Only Accent Lighting	A026 35W LED	35K 3500K	E12 120V	PC Button Style Photocontrol (replace UN with line voltage suffix)
	A032* 45W LED (COS only)		E20 208V	BL Black Finish
			E24 240V	WH White Finish
			E27 277V	No Suffix Bronze Finish (standard)
			E34 347V	

*Not available with COU models

Dimensions

	Weight	W	H	D
Downlighting	18 lb.	9 1/4"	13 3/8"	15"





Description

AccuLite COD decorative cylinders are ideal for accent lighting on building façades. With Up/Down models AccuLite cylinders not only provide useful security downlighting, but also add uplight to highlight architectural features. The LED light source delivers energy efficiency with reduced maintenance costs.

Listing Fixture meets UL1598 and CSA C22.2-250 standards
 • Suitable for wet location applications

Features

Optics Two vertical LED sources with accent lighting distribution up and down • Spun aluminum reflector with specular finish coupled with a diffusing lens to reduce glare and smooth out the light on the wall.

Construction Heavy duty extruded aluminum barrel
 • Die cast aluminum cover, lens frame, driver housing and driver tray • Hinge down driver tray for easy installation
 • Borosilicate glass lens

LED Thermal Management COD luminaires are equipped with a die cast aluminum heat sink that removes the heat from the critical LED components. This reduces LED operating temperature and increases LED life.

Electrical The luminaire is equipped with two LED modules
 • All versions are equipped with universal voltage LED drivers 120V-277V • An independent surge suppressor provides 10 kAmp of protection

Finish Polyester powder coat finish • Bronze, black or white • Designer finishes available

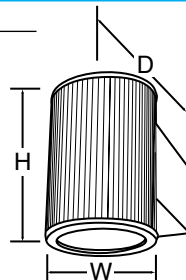
Lumen Depreciation 50,000 hours L_{70} at 77°F (25°C) ambient

Ordering Information Example: CODA2174KE12PC

Series	Lamp (Watts/Type)	CCT	Volts	Options
COD	A217	4K	E12	PC
COD Two LED Lamps, Accent Lighting Up/Down	A217 22W up, 22W down LED A226 35W up, 35W down LED	4K 4100K 35K 3500K	UN Universal 120-277VAC E12 120V E20 208V E24 240V E27 277V E34 347V	F Fused (replace UN with line voltage suffix) PC Button Style Photocontrol (replace UN with line voltage suffix) BL Black Finish WH White Finish No Suffix Bronze Finish (standard)

Dimensions

	Weight	W	H	D
Up/Down	21 lb.	9 1/4"	15"	15"





COS: With Accent lighting optics



Wiring is easy:
Ballast mounts on the swing down door for fast installation.

Description

Accent lighting, security lighting, and emergency lighting, all in one package, AccuLite Oval Cylinders accommodate a breadth of outdoor lighting applications with a vast set of features and options. Decorative cylinders are ideal for accent lighting on building facades.

Features

Optics Downlighting • Accent throw • Forward throw

Construction Heavy duty extruded aluminum housing
• Die cast aluminum cover, lens frame, ballast housing and ballast tray • Hinge down ballast tray for easy installation
• Tempered glass lens

Emergency Lighting CF lamps - Integral emergency ballast • 120V emergency circuit for double contact bayonet base quartz lamps

Auxiliary Lighting For HID applications that do not require emergency lighting • Double contact bayonet base quartz lamp • Two styles, cold start/hot restrike with delay and hot restrike only

Lampholder Medium base HID: Specification grade porcelain • G12 HID bi-pin ceramic • Compact Fluorescent: 4-pin GX24Q base

Finish Polyester powder coat finish • Bronze, black or white
• Designer finishes available

Ballasts Low starting temperature • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

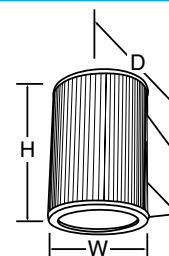
Listing UL1598/CSA C22.2 250 • Full Cut-Off
• Suitable for wet locations



Oval Cylinder Mounting:
Align the bracket using the built-in spirit level then hang the luminaire on the bracket and secure

Dimensions

	Weight	W	H	D
Downlighting	18 lb.	9 1/4"	13 3/8"	15"



Ordering Information Example: COS70PT-UN-FT-L

Series	Lamp (Watts/Type)	Volts	Optics	Options
COS	70PS	-UN	-FT	-L
Down Lighting One lamp COS	<ul style="list-style-type: none"> PULSE START METAL HALIDE Downlighting (suffix -DL) ED17 medium base, vertical lamp 50PS, 70PS, 100PS, 150PS, E {175PS} Forward Throw (suffix -FT) T6 G12 Bi-Pin, horizontal lamp 70PT, 150PT PROBE START METAL HALIDE Downlighting (suffix -DL) BD17 medium base, vertical lamp {175MH} HIGH PRESSURE SODIUM Downlighting (suffix -DL) B17 medium base, vertical lamp 35HP, 50HP, 70HP, 100HP, 150HP COMPACT FLUORESCENT Auto Sensing Multi-Wattage four pin electronic Downlighting (suffix -DL) W/GX24Q, vertical lamp 42CF 26/32/42W Forward Throw (suffix -FT) GX24Q, horizontal lamp 26CF 26W 	ELECTRONIC BALLAST Pulse Start Metal Halide 50W, 70W, 100W & 150W PS - UN 120/277V - E12 120V - E27 277V - E34 347V Compact Fluorescent - UN 120/277V - E12 120V - E27 277V - E34 347V MAGNETIC BALLAST 35W and 50 HPS - 120 120V - 277 277V - 347 347V 50W thru 175W PS 175W MH 70W thru 150W HPS - QT† Quad-Tap, 120/208/240/277V - TT Tri-Tap, 120/277/347V 100W, 150W & 175W PS 100W & 150W & HPS - 480† 480V	Accent Lighting - DL Downlight - Vertical Lamp HID: Medium base CFL: 26/32/42W Forward Throw - FT Downlight - Horizontal Lamp HID: T6, G12 Bi-Pin CFL: 26W only	See below

Options (Options are factory installed)

Description	Suffix	Description	Suffix
HID Lamp ED17/BD17/B17, Medium base T6, G12 Bi-Pin	Clear - L Coated - CL	Emergency Circuit, 120V Quartz Lamp For use with HID & CF luminaires with Accent Throw optics (Forward Throw is not available) Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp. Quartz lamp not included	
Compact Fluorescent Lamp	By others	Socket only, for external 120V emergency power supply	- ES
Photocontrol Replace voltage suffix "-QT", "-TT" & "-UN" with the line voltage suffix (Max 347V)	- PC	Auxiliary Lighting - Quartz Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp Quartz lamp not included.	
Frosted bottom glass lens	- FG	For use with HID luminaires with Accent Throw optics (Forward Throw is not available)	
Emergency Ballast, Dual Function Lamp Replace voltage suffix "-UN" with line voltage suffix 120V or 277V available, for compact fluorescent fixtures only	Minimum 0°C - EMB Minimum -18°C - EMX	Cold Start/Hot Restrike with delay - Q Hot Restrike only - HQ	
		Color Bronze (Standard) No suffix Black - BL White - WH	

† **Metal Halide:**
 (E) EISA - Pulse Start MH; 175W meets Energy Independence Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.

† **Lamp Socket Protector:**
 Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

• Fixtures are **ENERGY EFFICIENT**.



COD: With Accent lighting optics



Wiring is easy:
Ballast mounts on the swing down door for fast installation.



Oval Cylinder Mounting:
Align the bracket using the built-in spirit level then hang the luminaire on the bracket and secure

Description

Accent lighting, security lighting, and emergency lighting, all in one package, AccuLite Oval Cylinders accommodate a breadth of outdoor lighting applications with a vast set of features and options. Decorative cylinders are ideal for accent lighting on building facades. With Up/Down models AccuLite cylinders not only provide useful security down lighting, but also add uplight to highlight architectural features.

Features

Optics One horizontal lamp, accent throw up and down

- Two vertical lamps, accent throw up and down
- Two lamps, forward throw (70 W or 150W horizontal lamp) downlight with accent throw (vertical lamp) uplight

Construction Heavy duty extruded aluminum barrel

- Die cast aluminum cover, lens frame, ballast housing and ballast tray
- Hinge down ballast tray for easy installation
- Borosilicate glass lens

Emergency Lighting CF lamps - Integral emergency ballast

- 120V emergency circuit for double contact bayonet base quartz lamps

Auxiliary Lighting For HID applications that do not require emergency lighting

- Double contact bayonet base quartz lamp
- Two styles, cold start/hot restrike and hot restrike only

Lampholder Medium base HID: Specification grade porcelain

- G12 HID bi-pin ceramic
- Compact Fluorescent: 4-pin GX24Q base

Finish Polyester powder coat finish

- Bronze, black or white
- Designer finishes available

Ballasts Low starting temperature

- Probe Start

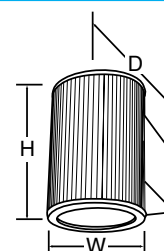
MH -30°C, Pulse Start MH -40°C, HPS -40°C, CF -18°C

Listing UL1598/CSA C22.2 250

- Suitable for wet locations

Dimensions

	Weight	W	H	D
Up/Down	19 lb.	9 1/4"	15"	15"



Ordering Information Example: COD57PT-UN-FT-L-ES

Series	Lamp (Watts/Type)	Volts	Optics	Options
COD	57PT	-UN	-FT	-L-ES
Up/Down Lighting COD One or two lamps	<div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div></div><div></div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div><div></div><div></div></div><div><div></div><div></div></</div></div>			

Options (Options are factory installed)

Description	Suffix
HID Lamp ED17/BD17/B17, Medium base T6, G12 Bi-Pin	Clear - L
ED17/BD17/B17, Medium baseCoated	- CL
Compact Fluorescent Lamp	By others
Photocontrol Replace voltage suffix "-QT", "-TT" & "-UN" with the line voltage suffix (Max 347V) Frosted glass bottom lens	- PC - FG
Emergency Circuit, 120V Quartz Lamp For use with HID & CF luminaires with Accent Throw optics (Forward Throw is not available) Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp. Quartz lamp not included Socket only, for external 120V emergency power supply	- ES
Emergency Ballast, Dual Function Lamp Replace voltage suffix "-UN" with line voltage suffix 120V or 277V available, for compact fluorescent fixtures only Minimum 0°C Minimum -18°C	- EMB - EMX
Auxiliary Lighting - Quartz Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp Quartz lamp not included. For use with HID luminaires with Accent Throw optics (Forward Throw is not available) Cold Start/Hot Restrike Hot Restrike only	- Q - HQ
Color	Bronze (Standard) Black White No suffix - BL - WH

† Metal Halide:

Ⓔ EISA - Pulse Start MH: 150W wet location luminaires are Energy Independence Security Act (EISA) exempt.

§ Not for use in the United States when magnetic ballast is installed.

• Fixtures are **ENERGY EFFICIENT**.



VR: Face Plate - Ring
Lens - Opal
Finish - Bronze



VR: Face Plate - Eyelid
Lens - Opal
Finish - Silver



VR: Face Plate - Cross
Lens - Opal
Finish - White

Description

The wall or ceiling mounted Stonewall architectural luminaires combine vandal resistant features with the energy efficiency and low maintenance cost of LED lighting.

Features

Optics Luminaires have white, clear or translucent lenses

- All lenses are UV stabilized molded polycarbonate with high impact resistance properties

Mounting Mounts flush to the wall or ceiling • Mounts on 3-1/2" or 4" junction boxes • Housings have four threaded and plugged 1/2" conduit entries

Construction Die cast, marine grade aluminum housing • Face plates are injection molded polycarbonate • Lenses and face plates are a minimum 1/8" thick for maximum resistance to vandalism • Drain channels are molded into the face plate keeping the luminaire clean • Torx™ T-15 pin-in-head tamperproof screws • Formed aluminum heat sink

LED Thermal Management Stonewall luminaires are equipped with a formed aluminum heat sink that creates a strong bond between the LED arrays and the aluminum housing, thus utilizing the entire mass and surface area of the luminaire as a heat sink. This reduces LED operating temperature and increases LED life

Lumen Depreciation 50,000 hours L_{70} at 77°F (25°C) ambient

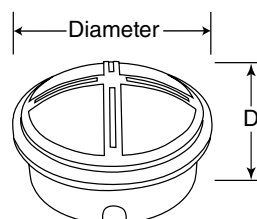
Electrical The luminaire is equipped with one LED driver with universal 120-277VAC 50/60Hz input • Driver minimum operating temperature is -30°C (-22°F) • Total Harmonic Distortion (THD) 20% Max • Power factor > 92% at full load • An independent surge suppressor provides 10kAmp protection

Finish Bronze, white, black or silver • Die cast parts are polyester powder coat • Polycarbonate parts have the color molded in

Listing UL1598 and CSA C22.2-250 • Suitable for wet locations

Dimensions

Housing	Face Plate	Diameter	D
Medium	With Ring only	13 3/16"	6"
Medium	With Face Plate	13 3/16"	6 7/16"





Security Lighting | Stonewall™

LED Vandal Resistant Wall or Ceiling Mounted Luminaire Round Housing

Ordering Information Example: VRM-A017-35K-UN-W-X-WH-F

Series	Engine Code	CCT	Volts	Lens	Face Plate	Finish	Options
VRM	-A017	-35K	-UN	-W	-X	-WH	-F
VRM	- A017 22W LED - A026 35W LED	- 4K 4000K - 35K 3500K	- UN Universal 120 - 277VAC - E12 120VAC - E27 277VAC - E34 347VAC	- W White - T Translucent - C Clear	- R Outer Ring only - X Cross - E Eyelid	- BZ Bronze - WH White - BL Black - SR Silver	- F Fused (must specify voltage)

Electrical Data

Engine Code	A017	A026
Input Voltage	120V	120V
Input Power	22W	35W
Frequency	50/60Hz	60Hz
Minimum Starting Temperature	-30°C (-22°F)	-30°C (-22°F)

LED Lumen Depreciation

Ambient Temperature (°C)	L ₇₀ Hours*
25°C	50,000

*L₇₀ is the predicted time when LED performance depreciates to 70% of initial lumen output while operating at the stated ambient temperature.



VO: Face Plate - Ring
Mounted Vertically
Lens - Opal
Finish - Bronze



VO: Face Plate - Ring
Mounted Horizontally
Lens - Opal
Finish - Bronze



VO: Face Plate -
Vertical Eyelid
Lens - Clear
Finish - Bronze



VO: Face Plate -
Horizontal Eyelid
Lens - Clear
Finish - White



VO: Face Plate - Cross
Mounted Vertically
Lens - Opal
Finish - Bronze



VO: Face Plate - Cross
Mounted Horizontally
Lens - Opal
Finish - Bronze

Description

The wall or ceiling mounted Stonewall architectural sconces combine vandal resistant features with the energy efficiency and low maintenance cost of LED lighting.

Features

Optics Luminaires have white, clear or translucent lenses

- All lenses are UV stabilized molded polycarbonate with high impact resistance properties

Mounting Mounts flush to the wall or ceiling • Mounts on 3-1/2" or 4" junction boxes • Housings have four threaded and plugged 1/2" conduit entries

Construction Die cast, marine grade aluminum housing • Face plates are injection molded polycarbonate • Lenses and face plates are a minimum 1/8" thick for maximum resistance to vandalism • Drain channels are molded into the face plate keeping the luminaire clean • Torx™ T-15 pin-in-head tamperproof screws • Formed aluminum heat sink

LED Thermal Management Stonewall luminaires are equipped with a formed aluminum heat sink that creates a strong bond between the LED arrays and the aluminum housing, thus utilizing the entire mass and surface area of the luminaire as a heat sink. This reduces LED operating temperature and increases LED life

Lumen Depreciation 50,000 hours L_{70} at 77°F (25°C) ambient

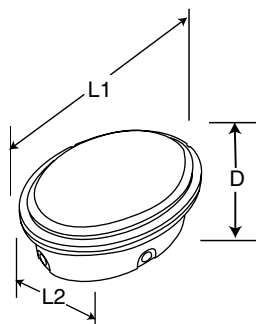
Electrical The luminaire is equipped with one LED driver with universal 120-277VAC 50/60Hz input • Driver minimum operating temperature is -30°C (-22°F) • Total Harmonic Distortion (THD) 20% Max • Power factor > 92% at full load • An independent surge suppressor provides 10kAmp protection

Finish Bronze, white, black or silver • Die cast parts are polyester powder coat • Polycarbonate parts have the color molded in

Listing UL1598 and CSA C22.2-250 • Suitable for wet locations

Dimensions

Housing	Face Plate	L1	L2	D
Medium	Base Model	13 1/16"	9 3/16"	6 1/4"
	With Face Plate	13 1/16"	9 3/16"	6 1/2"



Ordering Information Example: VOM-A017-35K-UN-W-X-WH-F

Series	Engine Code	CCT	Volts	Lens	Face Plate	Finish	Options
VOM	-A017	-35K	-UN	-W	-X	-WH	-F
VOM	- A017 22W LED - A026 35W LED	- 4K 4000K - 35K 3500K	- UN Universal 120 - 277VAC - E12 120VAC - E27 277VAC - E34 347VAC	- W White - T Translucent - C Clear	- R Outer Ring only - X Cross - V Vertical Eyelid - H Horizontal Eyelid	- BZ Bronze - WH White - BL Black - SR Silver	- F Fused (must specify voltage)

Electrical Data

Engine Code	A017	A026
Input Voltage	120V	120V
Input Power	22W	35W
Frequency	50/60Hz	60Hz
Minimum Starting Temperature	-30°C (-22°F)	-30°C (-22°F)

LED Lumen Depreciation

Ambient Temperature (°C)	L ₇₀ Hours*
25°C	50,000

*L₇₀ is the predicted time when LED performance depreciates to 70% of initial lumen output while operating at the stated ambient temperature.



VR: Face Plate - Ring
Lens - Opal
Finish - Bronze



VR: Face Plate - Eyelid
Lens - Opal
Finish - Silver



VR: Face Plate - Cross
Lens - Opal
Finish - White

Description

Combining architectural styling with the functionality of vandal resistance Stonewall™ takes a beating yet looks good in the finest environments.

Features

Optics Molded UV Stabilized polycarbonate lens • Offered in clear, translucent or opal white

Mounting Mounts flush to the wall • Mounts on 3-1/2" or 4" junction boxes • Medium and deep housings have four threaded and plugged 1/2" conduit entries

Construction Die cast, marine grade aluminum housing • Face plates are injection molded polycarbonate • Lenses and face plates are a minimum 1/8" thick for maximum resistance to vandalism • Drain channels are molded into the face plate keeping the luminaire clean • CFL reflector plates are finished in a high reflectance white • HID reflector plates feature a hammertone finish • Torx™ T-15 pin-in-head tamperproof screws are standard

Emergency Ballasts Offered with minimum starting temperatures of 0°C and -18°C • Dual function lamps serve as lamps for both emergency and general illumination

Emergency Circuit Used when a 120V emergency power source is available • Requires double contact bayonet base quartz lamp

Finish Bronze, white, black or silver • Die cast parts are polyester powder coat • Polycarbonate parts have the color molded in

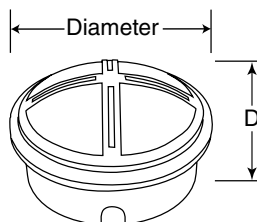
Lampholder HID - specification grade porcelain, medium base • CFL - 4 pin GX24Q base

Integral Ballast Compact fluorescent, electronic ballast • Pulse start metal halide, magnetic ballast • Low temperature starting • Pulse Start MH -40°C, HPS -40°C, CFL -18°C

Listing UL1598/CSA C22.2 No 250 • Suitable for wet locations • Shallow housing is ADA Compliant

Dimensions

Housing	Face Plate	Diameter	D
Shallow	With Ring	13 3/16"	3 5/8"
	With Face Plate	13 3/16"	4"
Medium	With Ring	13 3/16"	6"
	With Face Plate	13 3/16"	6 7/16"
Deep	With Ring	13 3/16"	7 1/2"
	With Face Plate	13 3/16"	7 7/8"



Ordering Information Example: VRD242CF-E1-W-X-SR-EMX

Series	Lamp (Watts/Type)	Ballast	Lens	Face Plate	Color	Options
VRD	242CF	-E1	-W	-X	-SR	-EMX

Shallow Housing



VRS
ADA
compliant

Compact Fluorescent	Electronic	Prismatic	Polycarbonate	Housing Color	See below
GX24Q base One lamp 126CF, 132CF, 142CF	- UN 120V - 277V - E3 347V	- W Opal White	- E Eyelid	- BZ Bronze - WH White - BL Black - SR Silver	

Medium Housing



VRM

Compact Fluorescent	Electronic	Prismatic	Polycarbonate	Housing Color	See below
GX24Q base One lamp 126CF, 132CF, 142CF, 157CF Two lamps 226CF, 232CF, 242CF Three lamps 326CF	- UN 120V - 277V - E3 347V	- W Opal White	- R Outer Ring only - X Cross - E Eyelid	- BZ Bronze - WH White - BL Black - SR Silver	

Deep Housing



VRD

Pulse Start Metal Halide	Magnetic	Prismatic	Polycarbonate	Housing Color	See below
Medium Base- ED17 50PS, 70PS	- QT‡ 120V, 208V, 240V, 277V - TT 120V, 277V, 347V	- C Clear - T Translucent - W Opal White	- R Outer Ring only - X Cross - E Eyelid	- BZ Bronze - WH White - BL Black - SR Silver	
High Pressure Sodium	Magnetic				
Medium Base- B17 35HP, 50HP	- 120 120V - 277 277V - 347 347V				
Medium Base- B17 70HP	- QT‡ 120V, 208V, 240V, 277V - TT 120V, 277V, 347V				

Deep Housing



VRD

Compact Fluorescent	Electronic	Prismatic	Polycarbonate	Housing Color	See below
GX24Q base One lamp 126CF, 132CF, 142CF Two lamps 226CF, 232CF, 242CF Three lamps 326CF	- UN 120V - 277V - E1 120V - E2 277V	- W Opal White	- R Outer Ring only - X Cross - E Eyelid	- BZ Bronze - WH White - BL Black - SR Silver	

Options (Options are factory installed)

Description	Suffix	Description	Suffix
Lamp Clear HID lamp Compact Fluorescent	- L By Others	Quartz Auxiliary <u>Available with "Deep Housing" only</u> For use with HID luminaires Available with "Deep Housing" only Double contact bayonet base quartz lamp by others Cold Start/Hot Restrike with delay Hot Restrike	- Q - HQ
Emergency CFL Ballast - Dual Function Lamp <u>Available with "Deep Housing" only</u> Replace voltage suffix "-UN" with the line voltage suffix, 120V or 277V available Minimum operating temperature 0°C Minimum operating temperature -20°C	- EMB - EMX	Fuse Holder <u>Available with "Deep Housing" only</u> Supplied with fuse Replace "-UN", "-QT" and "-TT" with line voltage suffix Single pole - Line to neutral	- F
Emergency Circuit - Quartz Lamp <u>Available with "Deep Housing" only</u> Requires 120V emergency power source Double contact bayonet base quartz lamp by others	- ES		

‡ Lamp Socket Protector:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."



VO: Face Plate - Ring
Mounted Vertically
Lens - Opal
Finish - Bronze



VO: Face Plate - Ring
Mounted Horizontally
Lens - Opal
Finish - Bronze



VO: Face Plate -
Vertical Eyelid
Lens - Clear
Finish - Bronze



VO: Face Plate -
Horizontal Eyelid
Lens - Clear
Finish - White



VO: Face Plate - Cross
Mounted Vertically
Lens - Opal
Finish - Bronze



VO: Face Plate - Cross
Mounted Horizontally
Lens - Opal
Finish - Bronze

Description

Combining architectural styling with the functionality of vandal resistance Stonewall™ takes a beating yet looks good in the finest environments.

Features

Optics Molded UV Stabilized polycarbonate lens • Offered in clear, translucent or opal white

Mounting Mounts flush to the wall • Mounts on 3-1/2" or 4" junction boxes • Medium and deep housings have four threaded and plugged 1/2" conduit entries

Construction Die cast, marine grade aluminum housing • Face plates are injection molded polycarbonate • Lenses and face plates are a minimum 1/8" thick for maximum resistance to vandalism • Drain channels are molded into the face plate keeping the luminaire clean • CFL reflector plates are finished in a high reflectance white • HID reflector plates feature a hammertone finish • Torx™ T-15 pin-in-head tamperproof screws are standard

Emergency Circuit Used when a 120V emergency power source is available • Requires double contact bayonet base quartz lamp

Finish Bronze, white, black or silver • Die cast parts are polyester powder coat • Polycarbonate parts have the color molded in

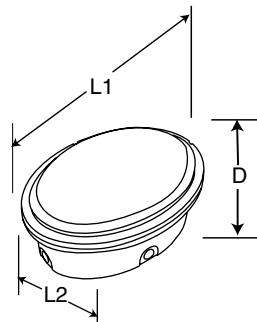
Lampholder HID - specification grade porcelain, medium base • CFL - 4 pin GX24Q base

Integral Ballast Compact fluorescent, electronic ballast • Pulse start metal halide, magnetic ballast • Low temperature starting • Pulse Start MH -40°C, HPS -40°C. CFL -18°C

Listing UL1598/CSA C22.2 No 250 • Suitable for wet locations • Shallow housing is ADA Compliant

Dimensions


Housing	Face Plate	L1	L2	D
Shallow	Base Model	13 1/16"	9 3/16"	3 3/4"
	With Face Plate	13 1/16"	9 3/16"	4"
Medium	Base Model	13 1/16"	9 3/16"	6 1/4"
	With Face Plate	13 1/16"	9 3/16"	6 1/2"
Deep	Base Model	13 1/16"	9 3/16"	7 9/16"
	With Face Plate	13 1/16"	9 3/16"	7 13/16"




Ordering Information Example: VOM142CF-UN-W-X-SR

Series	Lamp (Watts/Type)	Ballast	Lens	Face Plate	Color	Options
VOD	142CF	-E1	-W	-X	-SR	-


Shallow Housing

 VOS ADA compliant	Compact Fluorescent GX24Q base One lamp 126CF, 132CF	Electronic - UN 120V - 277V - E3 347V	Prismatic - W Opal White	Polycarbonate - H Horizontal Eyelid - V Vertical Eyelid	Housing Color - BZ Bronze - WH White - BL Black - SR Silver	See below
---	---	--	------------------------------------	--	--	-----------

Medium Housing

 VOM	Compact Fluorescent GX24Q base One lamp 126CF, 132CF, 142CF	Electronic - UN 120V - 277V - E3 347V	Prismatic - W Opal White	Polycarbonate - R Outer Ring only - X Cross - H Horizontal Eyelid - V Vertical Eyelid	Housing Color - BZ Bronze - WH White - BL Black - SR Silver	See below
---	--	--	------------------------------------	--	--	-----------

Deep Housing

 VOD	Pulse Start Metal Halide Medium Base 50PS ED17	Magnetic - QT 120V, 208V, 240V, 277V - TT 120V, 277V, 347V	Prismatic - C Clear - T Translucent - W Opal White	Polycarbonate - R Outer Ring only - X Cross - H Horizontal Eyelid - V Vertical Eyelid	Housing Color - BZ Bronze - WH White - BL Black - SR Silver	See below
	High Pressure Sodium Medium Base 35HP, 50HP B17	Magnetic - 120 120V - 277 277V - 347 347V				

Options (Options are factory installed)

Description	Suffix
Lamp Clear HID lamp Compact Fluorescent By Others	- L

Quartz Auxiliary

Available with "Deep Housing" only

For use with HID luminaires

Double contact bayonet base quartz lamp by others

Cold Start/Hot Restrike with delay	- Q
Hot Restrike	- HQ

Fuse Holder

Available with "Deep Housing" only

Supplied with fuse

Replace "-UN", "-QT" and "-TT" with line voltage suffix

Single pole - Line to neutral	- F
-------------------------------	-----

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."



Description

The full cut-off optics of AccuLite's Dark Sky luminaires meet the requirements for compliance with Dark Skies ordinances. Designed for easy hands free installation, the side hinged door swings out of the way. For areas of high vandalism, Dark Sky luminaires feature a tempered glass lens which is gasketed and secured mechanically to eliminate silicone sealants, making replacement easy.

Optics Meets IES full cut-off requirements

Listing UL1598/CSA C22.2 250 • IDA Full Cut-Off

• Suitable for wet locations

Features

"Dark Sky" Cut-Off For use where "Dark Sky" ordinances are in force

Sculptured Profile Sculptured housing features aesthetically pleasing molded highlights

Gasketed Glass Lens Ideal for areas of high vandalism

• The tempered glass lens is gasketed and secured mechanically, eliminating silicone sealants

Side Hinged Door Side hinged to free up both hands during relamping, the door is keyed to prevent accidental removal

Construction Die cast aluminum • Bronze polyester powder coat finish • Silicone rubber gaskets • Stainless steel external hardware

Easy Installation Mounts to 3 1/2" or 4" outlet boxes or bolts directly to the wall • Three 1/2" conduit entries

Lampholder HID - specification grade porcelain

• 35 - 150W medium base • 175-400W mogul base

• CFL - 4 pin GX24Q base

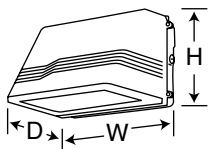
Ballasts Low temperature starting • Probe Start MH -30° C, Pulse Start MH -40° C, HPS -40° C • Electronic compact fluorescent

Ordering Information Example: DWA400HP-277-L-PC

Series	Lamp (Watts/Type)	Volts	Options
DWA	400HP	-277	-L-PC
DWA	<p>● Pulse Start Metal Halide 50PS, 70PS, 100PS, 150PS ED17 - Medium Base</p> <p>Ⓔ { 250PS ED28 - Mogul Base 320PS, 350PS, 400PS BT37 - Mogul Base</p> <p>● Probe Start Metal Halide Mogul Base § { 175MH ED23.5, 250MH ED28, 400MH BT37</p> <p>● High Pressure Sodium 70HP, 100HP, 150HP B17 - Medium Base 250HP, 400HP ED18 - Mogul Base</p> <p>● Compact Fluorescent GX24Q Base 26CF, 32CF, 42CF One Lamp 226CF, 232CF, 242CF Two Lamp</p>	<p>Magnetic Ballast</p> <p>Reactor Ballast: 70W - 150W HPS - 120NP 120V, Normal Power Factor - 120R 120V, High Power Factor 35W & 50W HPS lamps - 120 120V, - 277 277V, - 347 347V 50W thru 400W PS 175W thru 400W MH, 70W thru 400W HPS - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V 100W thru 175W lamps - 480‡ 480V</p> <p>Electronic Compact Fluorescent - UN 120/277V - E12 120V, - E27 277V, - E34 347V</p>	See below

Dimensions

Lamp	D	H	W
35W - 175W HID	11 1/2"	9 1/4"	14"
26W - 42W CFL	11 1/2"	9 1/4"	14"
250W - 400W HID	17 1/4"	10"	18"



† Metal Halide:

Ⓔ EISA - Pulse Start MH: 175W - 400W meets Energy Independence Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ Not for use in the United States.

● Fixtures are **ENERGY EFFICIENT**.

Options (Options are factory installed)

Description	Suffix
Lamp Clear Lamp	- L
Photocontrol Replace "-QT", "-TT" & "-UN" with the line voltage suffix (Max 347V)	- PC
Quartz Auxiliary For use with HID luminaires Double contact bayonet base quartz lamp by others	
	Cold Start/Hot Restrike with delay
	Hot Restrike
Tamper Resistant Hardware	- Q
Color Bronze, standard	- HQ
Designer Colors	- TP
	No Suffix
	Consult Factory

**Description**

The AccuPak WP2 Series Gen 3 luminaire is an energy efficient LED security light ideal for entryways, tunnels, loading docks and other applications where a wide light distribution is desired. The LED light source delivers uniform light and extremely long life with a fraction of the energy used with conventional light sources.

Features

Optics The AccuPak WP2 comes standard with a prismatic glass lens that distributes the light evenly and reduces glare. The glass lens is gasketed and secured mechanically, eliminating the need for silicone sealants and simplifying maintenance.

Side Hinged Door Integral cast-in hinges allow installer full access to the wiring compartment • The door is keyed to prevent accidental removal

Construction Die cast aluminum, bronze polyester powder coat finish, glass lens • Silicone rubber gaskets • Stainless steel external hardware

Easy Installation Locators for 3 1/2" or 4" outlet boxes • 1/2" conduit entries

Electrical The luminaire is equipped with one LED driver with universal 120-277VAC 50/60Hz input.

Optional 347V is available • Driver operating temperature range is -40°C (-40°F) through 40°C (104°F) • Total Harmonic Distortion (THD) 20% Max • Power factor > 0.90 at full load, 115VAC, 230VAC • Surge protection to 10kAmp

Lumen Depreciation 55,000 hours L_{70} at 40°C ambient

Finish Bronze polyester powder coat finish

Certification UL1598, CSA C22.2 250 • Suitable for wet locations

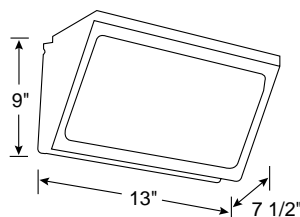
Ordering Information Example: WP2B0125KUN

Series	Light Engine	CCT	Voltage	Options
WP2	B012	5K	UN	
WP2	B012	5K	UN	PC
	1700 Lumens, 15W	5000K CCT	120-277V	Photocontrol (specify voltage "UN" or "E34")
	B022	4K	E34	TP
	2500 Lumens, 22W	4000K CCT	347V	Tamper Resistant Screws
	B029	For other CCTs contact factory		
	3300 Lumens, 30W			
	B038			
	4200 Lumens, 40W			
	B050			
	5400 Lumens, 53W			

(E34 for option PC only)

Accessories

Catalog #	Description
WP2-WG	Wire Guard

Dimensions**LED Performance** 5000K CCT, 70CRI

Catalog Numbers	Delivered Lumens	System Watts	PF	Efficacy
WP2-B050-5K-UN	5421	53	0.99	102
WP2-B038-5K-UN	4205	40	0.99	105
WP2-B029-5K-UN	3312	30	0.99	110
WP2-B022-5K-UN	2544	22	0.99	116
WP2-B012-5K-UN	1726	15	0.98	115

LED Lumen Depreciation

Ambient Temperature (°C)	Reported L_{70} Hours
25°C	>55,000
40°C	>55,000

**Description**

The AccuPak WP3 Series Gen 3 luminaire is an energy efficient LED security light ideal for entryways, tunnels, loading docks and other applications where a wide light distribution is desired. The LED light source delivers uniform light and extremely long life with a fraction of the energy used with conventional light sources.

Features

Optics The AccuPak WP3 comes standard with a prismatic glass lens that distributes the light evenly and reduces glare. The glass lens is gasketed and secured mechanically, eliminating the need for silicone sealants and simplifying maintenance.

Side Hinged Door Integral cast-in hinges allow installer full access to the wiring compartment • The door is keyed to prevent accidental removal

Construction Die cast aluminum, bronze polyester powder coat finish, glass lens • Silicone rubber gaskets • Stainless steel external hardware

Easy Installation Locators for 3 1/2" or 4" outlet boxes • 1/2" conduit entries

Electrical The luminaire is equipped with one LED driver with universal 120-277VAC 50/60Hz input.

Optional 347V is available • Driver operating temperature range is -40°C (-40°F) through 40°C (104°F) • Total Harmonic Distortion (THD) 20% Max • Power factor > 0.90 at full load, 115VAC, 230VAC • Surge protection to 10kAmp

Lumen Depreciation 55,000 hours L_{70} at 40°C ambient

Finish Bronze polyester powder coat finish

Certification UL1598, CSA C22.2 250 • Suitable for wet locations • Union made

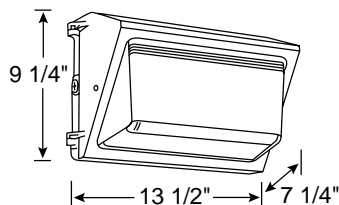
Ordering Information Example: WP3B0125KUN

Series	Light Engine	CCT	Voltage	Options
WP3	B012	5K	UN	
WP3	B012	5K	UN	PC
	1500 Lumens, 15W	5000K CCT	120-277V	Photocontrol (specify voltage "UN" or "E34")
	B022	4K	E34	TP
	2300 Lumens, 22W	4000K CCT	347V	Tamper Resistant Screws
	B029	For other CCTs contact factory		
	3000 Lumens, 30W			
	B038			
	3900 Lumens, 40W			
	B050			
	5000 Lumens, 52W			

(E34 for option PC only)

Accessories

Catalog #	Description
WP2-WG	Wire Guard

Dimensions**LED Performance** 5000K CCT, 70CRI

Catalog Numbers	Delivered Lumens	System Watts	PF	Efficacy
WP3-B050-5K-UN	5026	52	0.99	97
WP3-B038-5K-UN	3899	40	0.99	97
WP3-B029-5K-UN	3071	30	0.99	102
WP3-B022-5K-UN	2359	22	0.99	107
WP3-B012-5K-UN	1600	15	0.98	107

LED Lumen Depreciation

Ambient Temperature (°C)	Reported L_{70} Hours
25°C	>55,000
40°C	>55,000



WP2 Series



WM2 Series

Description

AccuPak™ luminaires, with a low profile, compact designs are an excellent choice for security lighting. The AccuPak is ideal for many entryways, tunnels, loading docks and building facades. AccuPak luminaires feature a borosilicate glass lens which is gasketed and secured mechanically, eliminating silicone sealants.

"Dark Sky" Cut-Off Visor Optional visor meets IES full cut-off requirements

Features

Optics Borosilicate glass • The glass lens is gasketed and secured mechanically, eliminating silicone sealants • Lens replacement is easy, just remove two screws and insert a new lens

Hinged Door Integral cast-in hinges allow installer to use both hands during relamping, the door is keyed to prevent accidental removal

Construction Die cast aluminum • Bronze polyester powder coat finish • Borosilicate glass lens • Silicone rubber gaskets • Stainless steel external hardware

Easy Installation Locators for 3 1/2" or 4" outlet boxes • 1/2" conduit entries

Lampholder Specification grade porcelain

Finish Bronze polyester powder coat finish

Ballasts Available with reactor (NPF and HPF) and CWA ballasts • HPF ballasts are suitable for low temperature starting • Probe Start MH -30° C, Pulse Start MH -40° C, HPS -40° C

Listing UL1598/CSA C22.2 250 • IDA Full Cut-Off (with visor) • Suitable for wet locations

Ordering Information Example: WP2150PS-277-L-PC

Series	Lamp (Watts/Type)	Ballast	Options
WP2	150PS	-277	-L -PC

Small Housing

WP2	<ul style="list-style-type: none"> Pulse Start Metal Halide† <ul style="list-style-type: none"> 50PS, 70PS ED17 100PS, 150PS ED17 Probe Start Metal Halide† <ul style="list-style-type: none"> § {175MH ED28 High Pressure Sodium <ul style="list-style-type: none"> 70HP, 100HP, 150HP B17 	70W thru 150W HPS - 120NP 120V, Normal Power Factor Reactor - 120R 120V, High Power Factor Reactor 50W HPS lamps - 120 120V, - 277 277V, - 347 347V 50W thru 150W PS, 175W MH, 70W thru 150W HPS - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V 100W thru 175W lamps - 480‡ 480V
-----	---	--

Medium Housing

WM2	<ul style="list-style-type: none"> Pulse Start Metal Halide <ul style="list-style-type: none"> Ⓔ {175PS, 250PS ED28 Probe Start Metal Halide <ul style="list-style-type: none"> § {250MH ED28 High Pressure Sodium <ul style="list-style-type: none"> 250HP ED18 	- QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V - 480‡ 480V
-----	---	---

Large Housing

WL2	<ul style="list-style-type: none"> Pulse Start Metal Halide <ul style="list-style-type: none"> Ⓔ {320PS, 350PS, 400PS ED37 Probe Start Metal Halide <ul style="list-style-type: none"> § {400MH BT37 High Pressure Sodium <ul style="list-style-type: none"> 400HP ED18 	- QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V - 480‡ 480V
-----	--	---

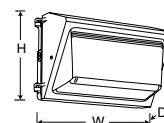
- OPTIONS**
- L **Lamp** With clear lamp
 - PC **Photocontrol**
Replace "-QT" & "-TT" with the line voltage suffix (Max. 347V)
 - TP **Tamper Resistant Hardware**
No Suffix **Color** - Bronze, standard

ACCESSORIES (ORDERED SEPARATELY)

- Wire Guard**
WP2-WG WP2 Series
WL2-WG WM2 & WL2 Series
- Polycarbonate Guard**
WP2-PG WP2 Series
WL2-PG WM2 & WL2 Series
- Visor**
Retrofit visor for full cut-off luminaires
IES Classification:
Full Cut-Off
WP2-FC WP Series
WL2-FC WM2 & WL2 Series

Dimensions

Series	W	D	H
WP2	14"	7 1/4"	9 1/4"
WM2	18"	9 1/2"	10"
WL2	18"	13"	10"



† Metal Halide:

Ⓔ EISA - Pulse Start MH: 175W - 400W meets Energy Independence Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ Not for use in the United States.

• Fixtures are **ENERGY EFFICIENT**.



Shown with daylight sensor



Standard



Shown with motion sensor



Shown with emergency battery

Description

The MSL Series LED Security Light is a small and unobtrusive luminaire designed to replace small incandescent and CFL fixtures. With a shallow profile, the MSL blends in seamlessly with both architecture and nature. The wide light pattern makes this fixture a great choice for commercial applications where an economical LED security light is needed. Available in 300 and 650 lumen version, they are ideal for mounting heights up to 10 feet.

Features

Optics White reflector and acts as an environmental seal, protecting the LED from rain, snow and dust

Dark Sky Compliant Complaint with most Dark Sky ordinances

Construction Die cast aluminum housing

Thermal Management LED light source is secured to the aluminum housing that acts as a heat sink • The driver is also mounted directly to the housing to help keep the electronics cool and ensure 50,000 hour L70 performance

Electrical Universal 120-277VAC (MSL2 only), 120-240VAC (MSL1) • Optional daylight sensor is available

Finish Polyester powder coating protects the housing
• Available in bronze or white

Mounting Mounts directly to a mounting box

Motion Sensor An optional motion sensor is also available to control operation of the fixture based on occupancy

• The sensor turns the fixture ON when it detects motion, and off after a user-established time

Emergency Battery When emergency lighting is required, the MSL fixtures can be ordered with an optional, integral emergency battery • The battery will operate the fixture for 90 minutes during a power outage • Temperature range -4° - 122°F (-20° - 50°C)

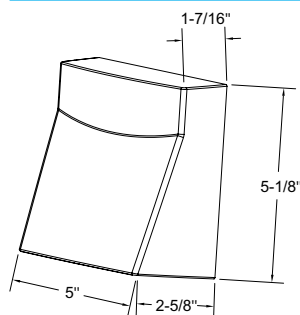
Listing Meets UL1598/CSA C22.2 250 standards

• Suitable for wet locations

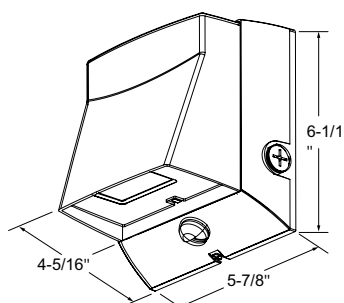
Ordering Information

Catalog No.	Description
MSL135K12BZ	3500K LED color temperature, Bronze, 120-240VAC, 306 Lumens, 6 Watts
MSL135K12WH	3500K LED color temperature, White, 120-240VAC, 306 Lumens, 6 Watts
MSL135K12BZPC	3500K LED color temperature, Bronze, 120VAC, 306 Lumens, 6 Watts, Daylight Sensor
MSL135K12WHPC	3500K LED color temperature, White, 120VAC, 306 Lumens, 6 Watts, Daylight Sensor
MSL235KUNBZ	3500K LED color temperature, Bronze, 120-277VAC, 663 Lumens, 11 Watts
MSL235KUNWH	3500K LED color temperature, White, 120-277VAC, 663 Lumens, 11 Watts
MSL235KUNBZPC	3500K LED color temperature, Bronze, 120-277VAC, 663 Lumens, 11 Watts, Daylight Sensor
MSL235KUNWHPC	3500K LED color temperature, White, 120-277VAC, 663 Lumens, 11 Watts, Daylight Sensor
MSL235KUNBZMS	3500K LED color temperature, Bronze, 120-277VAC, 663 Lumens, 11 Watts, Motion Sensor
MSL235KUNWHMS	3500K LED color temperature, White, 120-277VAC, 663 Lumens, 11 Watts, Motion Sensor
MSL235KUNBZEM	3500K LED color temperature, Bronze, 120-277VAC, 663 Lumens, 11 Watts, Emergency Battery
MSL235KUNWHEM	3500K LED color temperature, White, 120-277VAC, 663 Lumens, 11 Watts, Emergency Battery

Dimensions



Standard Fixture



Fixtures with Motion Sensor or Emergency Battery



Description

EW series luminaires are an energy efficient LED security light ideal for entryways, tunnels, loading docks and other applications where a reliable light source is required. The fixture delivers uniform light and extremely long life with a fraction of the energy used with conventional light sources.

Features

Optics The EW Series comes standard with a specular reflector shaped to provide a uniform light distribution

- A clear glass lens protects the LED and reflector to keep them clean
- Glass lenses last longer than plastic lenses as they do not yellow when exposed to UV from sunlight allowing the EW series to operate at peak performance even after years of the original installation
- Full cut off, dark sky friendly

Construction Die cast aluminum housing, bronze polyester powder coat finish, glass lens • Neoprene gaskets create a seal between the fixture and the wall • Stainless steel external hardware • Coated steel back plate to secure fixture to the wall • Back plate includes a bubble level to make installation easier

Electrical The luminaire is equipped with one LED driver with universal 120-277V • Optional 347V input can be accommodated • Driver operating temperature range is -30°C (-22°F) through 50°C (122°F) • Total Harmonic Distortion (THD) 20% Max. • Power factor > 0.90 at full load

LED Light Source EW series luminaires are equipped with one or two LED arrays depending on the model number

- All LEDs are 4000K CCT with a minimum CRI of 70

Mounting Direct to wall or to recessed junction box

- Additional accessories available for trunnion, slipfitter, and knuckle type installation as a flood light
- Order mounting accessories separately

Finish Bronze polyester powder coat finish

Listing UL1598 • CSA C22.2.250 • Suitable for wet locations

- Five year warranty • EW1 models are ADA Compliant when mounted to the wall with no additional accessories

Ordering Information Example: EW1A0274KE3BZ

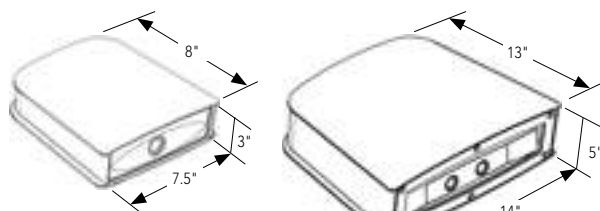
Series	Engine Code	CCT	Voltage	Finish	Options
EW1	A014	4K	UN	BZ	D
EW1	A014 14W LED A027 30W LED A052 ¹ 60W LED	4K 4000K CCT, 70CRI	UN 120-277V E3 ¹ 347V	BZ Bronze	PC Photo Control D ² Dimming 0-10V DSP ¹ Surge Suppressor 10KA
EW2	A078 80W LED				

NOTE:

¹ EW1A052 fixtures with 347V option or surge suppressor option are shipped with EWSFCBxBZ surface mount box.

² Dimming option not available with EW1A014 fixtures.

Dimensions



EW1:
7 1/2" W x 8" H x 3" D
Weight: 3.5 LBS

EW2:
14" W x 13" H x 5" D
Weight: 11.5 LBS

Accessories

Catalog #	Description
EW1SFBZ	EW1 Slipfitter
EW1TRNBZ	EW1 Trunnion
EW1KNCLBZ	EW1 Knuckle
EW2SFBZ	EW2 Slipfitter
EW2TRNBZ	EW2 Trunnion
EWSFCBxBZ	EW1 & EW2 Surface mount box

**Description**

LED step light is rated for use in outdoor or indoor wall mount applications including concrete pour, brick masonry or drywall • Recessed housing is IC rated and can be completely covered with insulation • Back housing ships separately from power module for rough-in purposes • Designed to provide 50,000 hours of life

Listings

UL and cUL Listed for wet locations and concrete pour approved • RoHS compliant

Features

Housing Die cast aluminum housing gasketed for wet location • Housing ships separate from power module for rough-in purposes. Cover plate provided to protect housing during installation • Two mounting brackets for nailing housing to studs • Housing provided with (2) 1/2" conduit compression fittings

Power Module LED light engine and driver mounted directly to metal tray assembly for ease of wiring and installation into housing after rough-in • Environmentally friendly, energy efficient • No harmful ultraviolet or infrared wavelengths • No lead or mercury • Consumes 6W nominal • Non-dimming driver accommodates input voltage of 120 volts AC at 50/60Hz • High lumen output LEDs binned to ENERGY STAR® standards • 3000K or 4100K color temperatures available • Rated 50,000 hours at 70% lumen maintenance

Trims Cast aluminum trims supplied with a polycarbonate, opal diffuser • Trims fasten to housing with two allen-head screws • Trim selection shown below

Ordering Information

Order housing, power module and trim separately



IC115LEDHSG
Housing



IC115LEDPM
Power Module

Catalog No.**Description**

IC115LEDHSG

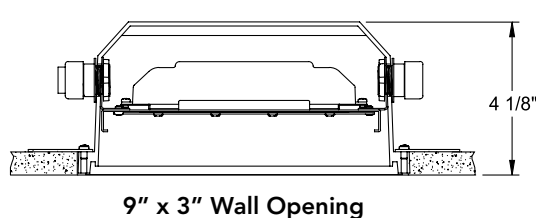
Back housing

IC115LEDPM-3K

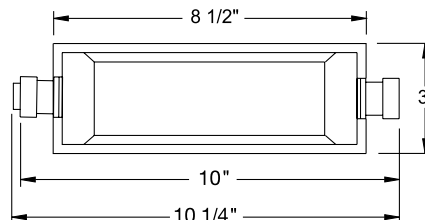
3000K LED color temperature

IC115LEDPM-41K

4100K LED color temperature

Dimensions

9" x 3" Wall Opening

**Trims**

Opal Lens

Catalog #

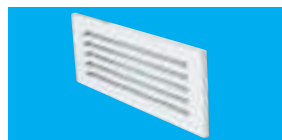
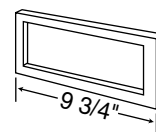
835-BL
835-WH

Description

Black
White

Trim Size:

9 3/4"L x 3 5/8"H



Opal Lens with Grill

Catalog #

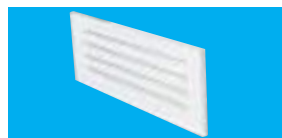
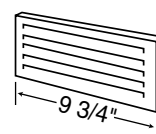
836-BL
836-WH

Description

Black
White

Trim Size:

9 3/4"L x 3 5/8"H



Opal Lens with
Angled Louvers

Catalog #

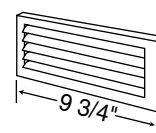
837-BL
837-WH

Description

Black
White

Trim Size:

9 3/4"L x 3 5/8"H





Description

Performance LED step light is rated for use in outdoor or indoor wall mount applications including concrete pour, brick masonry or drywall • May be used as LED retrofit for existing Juno PL115 outdoor rated step lights installed in application • Recessed housing is IC rated and can be completely covered with insulation • Back housing ships separately from power module trim for rough-in purposes • Designed to provide 50,000 hours of life

Listings

UL and cUL Listed for wet locations and concrete pour approved • RoHS compliant • UL Listed as LED conversion retrofit for Juno PL115 outdoor rated step light • IP65 rated

Features

Housing Die cast aluminum housing gasketed for wet location provides IP65 rating • Housing ships separate from power module trim for rough-in purposes. Cover plate provided to protect housing during installation • Two mounting brackets for nailing housing to studs • Housing provided with (2) 1/2" conduit compression fittings

Power Module Trim LED light engine and driver mounted directly to trim assembly for ease of wiring and installation into housing after rough-in • No harmful ultraviolet or infrared wavelengths • No lead or mercury • Consumes 13W nominal • Environmentally friendly, energy efficient

LED Light Engine LED PCB utilizes 1 watt high lumen output LEDs binned to ENERGY STAR® standards • 3000K or 4100K color temperatures available

LED Driver Non-dimming driver accommodates input voltage of 120 volts AC at 50/60Hz • Thermally protected and has integral overload and short circuit protection

Trim Matte textured diffuser supplied • Fasten to housing with two allen-head screws • Available in textured white, black, bronze or silver corrosion resistant paint on cast aluminum

Life Rated 50,000 hours at 70% lumen maintenance

Ordering Information

Order housing and power module trim separately



IC115LEDHSG
Housing



838LED-13
Power Module
Trim 13W

Catalog No.

Description

IC115LEDHSG

Back housing

838LED-13-3K-BL

3000K LED color temperature, textured, black trim

838LED-13-3K-BZ

3000K LED color temperature, textured, bronze trim

838LED-13-3K-SR

3000K LED color temperature, textured, silver trim

838LED-13-3K-WH

3000K LED color temperature, textured, white trim

838LED-13-41K-BL

4100K LED color temperature, textured, black trim

838LED-13-41K-BZ

4100K LED color temperature, textured, bronze trim

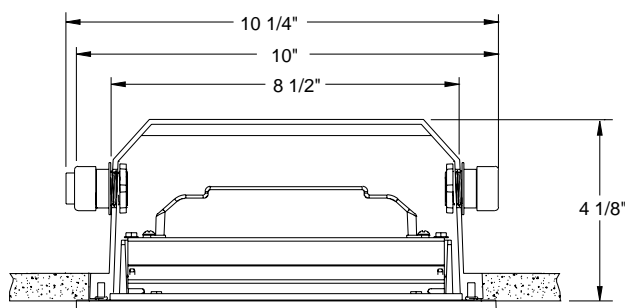
838LED-13-41K-SR

4100K LED color temperature, textured, silver trim

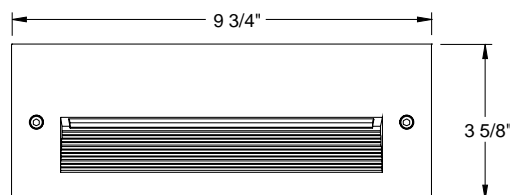
838LED-13-41K-WH

4100K LED color temperature, textured, white trim

Dimensions



9" x 3" Wall Opening





Description

The LA series is an architectural LED area light designed for medium mounting heights, pedestrian scale applications where an energy efficient luminaire is needed. The design of this luminaire takes full advantage of the LED light source with exclusive features specifically developed to extract heat from the diodes, thus improving light source performance. With an IP65 full fixture rating the LA series keeps all its critical components safely protected from any weather condition. This fixture is a great choice for industrial applications where hazardous locations classification is required. Available in a high performance configuration (LA1 Series) with maximum fixture efficacy, and a more economical version (LA2 Series) for the budget conscious project.

Features

Optics Custom designed, high performance molded TIR (Total Internal Refraction) optics shape the LED light with either a Type III or Type IV distributions • A stainless steel polished-to-mirror finish reflector projects any stranded lumens out of the fixture, maximizing fixture performance.

Construction Heavy wall die cast aluminum body, back box, and frame deliver a sturdy, durable fixture

- A tempered glass lens completely seals and protects the LED compartment
- A powder coat finish with a thorough 6 stage application process seals the aluminum components from the environment.

Thermal Management LED boards are directly mounted against a polished surface for maximum contact between boards and heat sink • An exclusive air vent between the LED compartment and the electronic driver isolates and cools the two components.

Electrical The luminaire is equipped with two, three, or four LED modules depending on the light output/wattage selection • All versions are equipped with universal voltage LED drivers 120-277VAC input or 347V

Mounting Direct mounting to square pole for single or back-to-back installation • A straight arm option is available for 90° installations of 2, 3, or 4 fixtures on square poles.

Finish Polyester powder coat finish with a six stage application process • Bronze, black, white or silver are standard

0-10V Dimming Option An optional 0-10V dimming driver (D option) is available.

Hazardous Locations Finia LED luminaires are approved for use in hazardous locations classified as Class 1, Div 2, Groups A, B, C and D. Temperature class T4 and ambient range of -20°C to 40°C (-4°F to 104°F) • These are areas where flammable gases or vapors may be present in the air during abnormal conditions.

Certification Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications • Full fixture IP65 rating • Union made • DesignLights Consortium® (see product specifications sheets for qualified models.)

Lumen Depreciation 60,000 hours L₇₀ at 77°F (25°C) ambient.

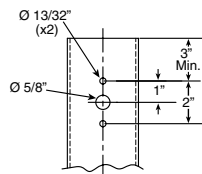
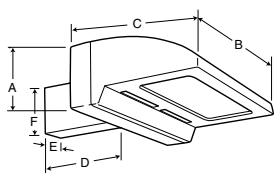
Ordering Information Example: LA1-40L-UN-P-4S-HT-C1-WH

Series	Lamp/Watts	CCT	Voltage	Mounting	Distribution	Options	Area Classification	Finish
LA1	-40L	-5K	-UN	-P	-4S	-HT	-C1	-WH
LA2 Compact LED Area Light	- 40L 40W LED Engine	- 5K 5100K	- UN Universal 120-277V	blank Square pole bracket	- 3S Type III short	- HT High transmission glass lens	- C1 Class 1, Div 2, Hazardous location Groups A, B, C, D	no suffix Bronze finish
LA1* High Performance Compact LED Area Light	- 50L 50W LED Engine	- 4K 4100K	- E3 347V	- P Direct Pole Mount, drilled only (for single fixture or back to back fixture installation)	- 4S Type IV short	- PG Prismatic glass lens (Type III & IV optics only)		- BL Black finish
	- 80L 80W LED Engine				- 5R Type V round	- TP Tamper resistant hardware		- WH White finish
						- D Dimming 0-10V		- SL Silver finish
								custom finish Contact factory with RAL number

*Available with engine codes 40L and 50L only.

Dimensions

	A	B	C	D	E	F
Standard Unit	4 3/4"	15 1/2"	9 3/4"	6 1/2"	2 1/8"	3 7/8"
18 lb						
EPA = 0.5 in ²						



Two-Hole Pole Drill



Description

The LAB series is an architectural LED area light designed for medium mounting heights, pedestrian scale applications where an attractive and energy efficient luminaire is needed. The design of this luminaire takes full advantage of the LED light source with exclusive features specifically developed to extract heat from the diodes, thus improving light source performance. An integral, all LED emergency lighting option makes this fixture a great choice for walkways leading pedestrians away from buildings during power outages. With an IP65 full fixture rating the LAB series keeps all its critical components safely protected from any weather condition. This fixture is a great choice for outdoor malls, store fronts, parks and parking lots.

Features

Optics Custom designed, high performance molded TIR (Total Internal Refraction) optics shape the LED light with either a Type III or Type IV distributions

Construction Heavy wall die cast aluminum body, back box, and frame deliver a sturdy, durable fixture • A tempered glass lens completely seals and protects the LED compartment • A powder coat finish with a thorough 6 stage application process seals the aluminum components from the environment

Thermal Management LED boards are directly mounted against a polished surface for maximum contact between boards and heat sink • An exclusive air vent between the LED compartment and the electronic driver isolates and cools the two components

Electrical The luminaire is equipped with two, three, or four LED modules depending on the light output/wattage selection • All versions are equipped with universal voltage LED drivers 120-277VAC input or 347/480V

Mounting Direct mounting to square pole for single or back-to-back installation • A straight arm option is available for 90° installations of 2, 3, or 4 fixtures on square poles.

Finish Polyester powder coat finish with a six stage application process • Bronze, black, white or silver are standard

Emergency Lighting Option An optional integral battery pack can be provided for emergency lighting during a power outage • Choose EM option (-30° to 40°C, -22° to 104°F ambient)

Motion Detection Option The sensor is configured to function either as an ON/OFF switch (M option) or to operate a High/Low dimming driver (H option) • In the High/Low configuration the user can field adjust the "Low" light setting with an internal potentiometer for continuous adjustment down to 15%

0-10V Dimming Option An optional 0-10V dimming driver (D option) is available • In applications where additional 0-10V wiring presents a challenge, a programmable, automatic dimming unit (PD option) is available • The PD option eliminates the need for 0-10V wiring and automatically dims the fixture with a factory pre-programmed schedule

Two Independent Circuits Option Optional two independent circuit configuration ("2C" option) • Fixtures with this option include two drivers, each of them driving separate LED modules • Excellent option to meet the multiple lamp requirement in egress lighting ordinances, or for energy savings using individual switching of drivers • Fixtures with B06 engines supplied with two drivers, each operating one LED module • Fixtures with B09 engines supplied with one driver operating one module, and one driver operating two modules • Fixtures with B12 engines supplied with two drivers, each operating two LED modules • Option not available for fixtures with B03 engines, or emergency battery

Certification Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications • Full fixture IP65 rating • Full cut-off



Ordering Information Example: LA-B06-5K-E2-P-4S-PC

Series	Light Engine Code	CCT	Voltage	Mounting	Distribution	Options	Finish
LA	B03	5K	E2	P	4S	PC	WH
LA High Performance LED Area Light	B03 35W LED Engine B06 70W LED Engine B09 105W LED Engine B12 135W LED Engine	5K 5000K 4K 4000K 3K 3000K	UN Universal 120-277V E1 120V E2 277V E3 347V E4 480V	blank Square pole bracket P Direct Pole Mount, drilled only (for single fixture or back to back fixture installation)	2S Type II short 4S Type IV short	PC ³ Button Style Photocontrol (Specify voltage) H ^{1,4} Motion sensor hi/lo (Specify voltage) M ¹ Motion sensor on/off (Specify voltage) HT High transmission glass lens PG Prismatic glass lens PL Polycarbonate Lens F ⁵ Fusing (Specify voltage) TP Tamper resistant hardware D ¹ Dimming 0-10V PD ^{1,4} Pre-programmed Dimming 2C ^{1,5} Two independent circuits (Not available with B03 engine) EM ^{1,6} Integral emergency battery (-22° F to 104° F ambient)	no suffix Bronze finish BL Black finish WH White finish SL Silver finish custom finish Contact factory with RAL number

Notes:

¹Available in 120V-277V

²Available with 120V or 277V only

³Available with 120V, 277V or 347V only

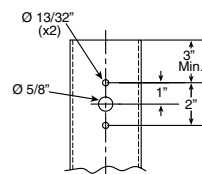
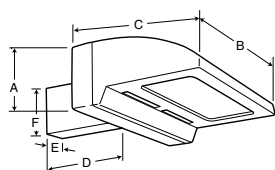
⁴Options "H", "D" and "PD" can't be combined.

⁵Option "2C" can't be combined with options "PC", "EM" or "M".

⁶Fixtures with "EM" and "F" options combined are supplied with a single fuse connected to the main driver input line.

Dimensions

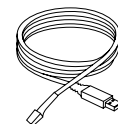
	A	B	C	D	E	F	Weight
Standard Unit EPA = 0.5 in ²	4 3/4"	15 1/2"	9 3/4"	6 1/2"	2 1/8"	3 7/8"	18 lb
Unit w/ Emergency Battery EPA = 0.6 in ²	4 3/4"	15 1/2"	11 1/2"	6 1/2"	2 1/8"	3 7/8"	26 lb



Two-Hole Pole Drill

Accessories (Ordered and shipped separately)

Description	Catalog #
USB PC Cable For field programming of "PD" option with a PC	PDUSBPCCABLE



AccuLite™ Area Lighting | Areos™ LED

LED Area Lighting 16" & 22" Low Profile LED



Description

The Areos™ LED Area Light is a low profile luminaire for area lighting applications where energy efficiency, and low maintenance costs are required. An all LED light source delivers up to 34,000 lumens with only 295W total fixture input power. A full fixture IP65 rating protects the electronics and light engine from the weather.

Features

Optics Precision engineered TIR (Total Internal Reflection) optics are individually placed on each LED, to deliver consistent optical placement and performance • Types II, III, V and Forward Throw distributions are available • A glass lens keeps the optics clean and protected from UV exposure, preserving the performance of the fixture over long periods of time

Field Rotatable LED Module The complete LED module can be easily and safely rotated in the field to aim the fixture in 90° increments • A simple system of 4 bolts lowers the square LED module so that it is free to rotate to the desired orientation • The luminaires can also be ordered already rotated from the factory using options "RR" (rotated to the right) and "RL" (rotated to the left)

Construction LED module and fixture housing are made of heavy wall die cast aluminum with a 5 stage powder coat finish • The driver compartment is separated from the LED heat source, extending the life of the electronic components • Molded gaskets seal the fixture and protect internal components from the environment

Electrical The Luminaire is equipped with Class 1 drivers

- Depending on the voltage required fixture will have a universal voltage input of 120-277VAC or 347-480VAC
- Minimum power factor 0.90
- Fixture includes a surge suppressor that protects Line-Ground, Line-Neutral, and Neutral-Ground in accordance with IEEE/ANSI C62.41.2 guidelines with a surge current rating of 10,000 amps

Dark Sky Compliant All of Areos LED optical distributions are compliant with Dark Sky ordinances

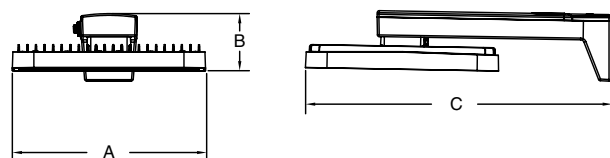
Dimming Fixtures can be ordered with an optional 0-10V dimming driver

Mounting Can be pole mounted directly to square poles Wall mounting accessory available • Round pole mounting accessory available • Post top or tenon mounting accessory available

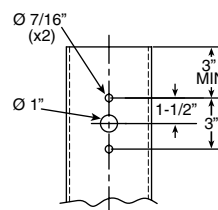
Finish All exposed surfaces are protected with a 5 stage powder coating

Listing Meets UL1598/CSA C22.2 250 standards • Suitable for wet locations • IP65 rated • DesignLights Consortium® qualified (see product specification sheets for qualified models.)

Dimensions



	A	B	C	Weight	EPA
16" fixture	16" sq.	4.75"	25.5"	28 lb.	0.78 ft. ²
22" fixture	22" sq.	5.625"	32"	46 lb.	0.82 ft. ²



Pole Drill Pattern for Mounting

AccuLite™ Area Lighting | Areos™ LED

LED Area Lighting 16" & 22" Low Profile LED

Ordering Information Example: SS1-A06-6K-UN-2B-BZ-D

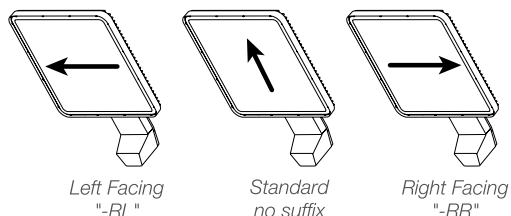
Series	Light Engine	CCT	Voltage	Distribution	Finish	Options
SS1	-A06	-6K	-UN	-2B	-BZ	-D
Premium Efficacy Fixtures						
SS1- 16" fixture	A06 67W	- 6K 6500K 65 CRI	- UN 120V-277V	- 2B IES Type II with back light control	- BL Black	- PC ¹ Photo control
	A09 97W		- E12 120V		- SL Silver	- PCR ² Twist lock photo control receptacle (photo control supplied by user)
	A12 127W	- E20 208V	- WH White	- F1 ² Fuse single pole line to neutral		
LS1- 22" fixture	A18 194W		- E24 240V	- 3B IES Type III with back light control	- BZ Bronze	- F2 ² Fuse two pole line to line
	A24 254W		- E27 277V		- FT Forward Throw with back light control	- D 0-10V dimming driver
Standard Efficacy Fixtures			- E34 347V	- 5 Type V square		- NL No glass lens (wet location listed only)
SS2- 16" fixture	B08 ¹ 107W (120V-277V only)		- E48 480V			- HT High transmission lens
	B12 ¹ 153W (120V-277V only)					- FG Frosted glass lens
	B16 ¹ 200W (120V-277V only)					- RR Optics Rotated Right (when facing pole)
	D25 ³ 277W				- RL Optics Rotated Left (when facing pole)	
LS2- 22" fixture	B24 295W					

¹ Note: Fixtures in 480V or 347V (suffixes "UH", "E48", or "E34") are supplied with a larger driver housing


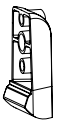
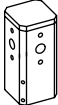

² Specify Voltage

³ Fixtures with "D25" light engine include a larger driver compartment

Rotated Optics



Accessories (Ordered and shipped separately)

Description	Catalog #
Wall Mount Bracket	
	AWMB-color 
Round Pole Adapter	
Fits 3" to 4" pole Fits 5" to 6" pole	ARPA34-color ARPA56-color 
Post Top Fitter	
Fits 2" IPS (2-3/8" OD) and 2-1/2" IPS (2-7/8" OD) tenons	APTF-color 
**Motion Sensor, Pole Mounted	
ON/OFF Motion Sensor 120V ON/OFF Motion Sensor 277V ON/OFF Motion Sensor 347V HI/LO Motion Sensor 120V HI/LO Motion Sensor 277V HI/LO Motion Sensor 347V HI/LO Motion Sensor 480V Requires fixture with "D" option (dimming driver)	MSONOFF120 MSONOFF277 MSONOFF347 MSHILO120 MSHILO277 MSHILO347 MSHILO480 

****Sensor to be mounted on pole by installer**

AccuLite™ Area Lighting | Alari™ LED

Parking, Roadway & Area Lighting LED up to 175W



Description

The ultimate in stylish lighting design, the Alari™ LED luminaire provides a graceful transition from ground to sky. Packed with premium features like high performance optics, high transmission glass, and tool-less access for wiring and maintenance, the Alari™ LED is specifically designed for high profile area lighting applications where luminaire style, energy efficiency, and low maintenance/installation costs are desired.

Features

Optics Precision engineered acrylic TIR LED optics ensure superb light control, high light levels, and superior uniformity

- AccuLite's high transmission (97%) glass lens is optional to increase luminaire efficacy
- Available with multiple beam spreads
- All beam spreads are FULL CUT-OFF, dark sky friendly

LED Thermal Management Alari™ LED luminaires are equipped with a machined aluminum heat sink that creates a strong bond between the LED arrays and the aluminum housing, thus utilizing the entire mass and surface area of the luminaire as a heat sink. This reduces LED operating temperature and increases LED life

Construction Die cast aluminum housing, door, and latch

- Stainless steel external hardware
- Removable hinged door
- Power tray driver mounting system allows easy access to the drivers
- Tether cable stops the door before it can hit the pole in the open position
- Optional high transmission (97%) tempered glass lens
- Lens is held in place with hardware for easy replacement in case of breakage
- Aluminum LED heat sink assembly

Electrical The Luminaire is equipped with class 1 drivers

- Depending on the voltage required drivers will have a universal voltage input of 120-277VAC or 347-480VAC
- Drivers have an internal surge protection of 2.5KV
- Maximum THD 20% • Minimum power factor 0.90
- Fixture includes an additional surge protector that protects line-ground, line-neutral, and neutral-ground in accordance with IEEE/ANSI C62.41.2 guidelines with a surge current rating of 10,000 amps

Dark Sky Compliant All of Areos LED optical distributions are compliant with Dark Sky ordinances

Dimming Fixtures can be ordered with an optional 0-10V dimming driver

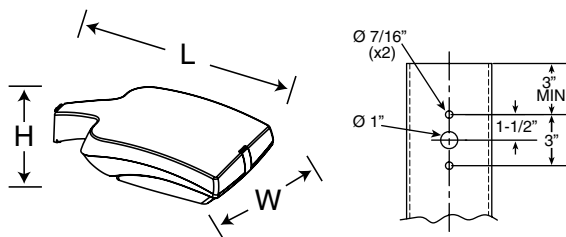
Mounting Square pole mounted with a fast and simple two bolt keyhole mounting arrangement • Accessories are available for round pole, post top, mast arm, and wall mounting • Tool-less access to the wiring compartment.

Finish Baked polyester powder coat • Corporate colors are available

Listing Meets UL1598/CSA C22.2 250 standards • Suitable for wet locations • Union made • Assembled in the USA • Meets Buy American Act • 5 year limited warranty

Dimensions

	EPA	L	W	H	Weight
A1 Series	0.8 ft ²	23"	14"	5 7/8"	29 lb.
A2 Series	1.2 ft ²	32"	18 5/8"	7 9/16"	52 lb.



AccuLite™ Area Lighting | Alari™ LED



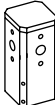



Parking, Roadway & Area Lighting LED up to 175W

Ordering Information Example: A2B06-4K-E27-5-HT

Series	Lamp Wattage/Type	CCT	Voltage	Distribution	Options
A2-	B06	-4K	-E27	-5	-HT
A1- Alari Small Housing	B06 75W LED B12 135W LED *B15 175W LED	-4K - 4000K, 70 CRI -5K - 5000K, 70 CRI Optional -3K - 3000K, 70 CRI	-UN 120V thru 277V -UH 347V thru 480V -E12 120V -E20 208V -E24 240V -E27 277V -E34 347V -E48 480V	-2 IES Type II -3 IES Type III -5 IES Type V -FT Forward Throw	-HT High Transmission Glass -PC Photo control (Must indicate dedicated voltage suffix) -F1 Fuse for 120V, 277V, 347V (Must indicate dedicated voltage suffix) -F2 Fuse for 208V, 240V, 480V (Must indicate dedicated voltage suffix) -D 0-10V DC dimming driver -BL Black finish -SL Silver finish -WH White finish no suffix Bronze finish
A2- Alari Medium Housing					

* A2 only

Accessories (Ordered and shipped separately)

Description	Catalog #	
Wall Mount Bracket	AWMB-color	
Round Pole Adapter Fits 3" to 4" pole Fits 5" to 6" pole	ARPA34-color ARPA56-color	
Post Top Adapter Fits 2" IPS (2-3/8" o.d.) and 2-1/2" IPS (2-7/8" o.d.) tenons.	APTF-color	
Mast Arm Adapter Fits 2" mast arm	AMAA-color	
External House Side Shield	A1-HS A2-HS	
Polycarbonate Guard	A1-LS A2-LS	



Description

Beauty & Style The ultimate in stylish lighting design, the Alari™ luminaire provides a graceful transition from ground to sky. The sweeping curves and elegant lines create a daytime appeal not normally found in a luminaire of this type

Performance Highly engineered optics ensure industry leading light levels with superior uniformity. The full compliment of beam spreads make the Alari™ luminaire the ideal choice for elegant high performance lighting

Features

Optics • Precision engineered multi-faceted reflectors ensures precise light control and superior uniformity • Heat resistant tempered glass lens

Low EPA Sleek, low-resistance profile

Electronic HID Ballast 250W and 320W • Improved lamp lumen depreciation • Extended lamp life • Improved ballast efficiency

Vertical Lamp In addition to the standard horizontal lamp models, the Alari™ luminaire is also offered with vertical lamps up to 200W

"Dark Sky" Friendly Full cut-off • International Dark Sky Association Seal of Approval for dark sky friendly, full cut-off luminaires

Tool-Less Relamping Snap action door latch

High/Low Switching The Alari HID luminaires can be ordered with a dual capacitor and controller that allows the fixtures to switch from full light output to approximately 50% of the light output • The fixtures can be switched from High to Low with an external switch (supplied by others) or with an occupancy sensor that detects movement • AccuLite offers an infrared motion sensor accessory that can be mounted on the pole at about 15' from the ground • The sensor communicates with the fixtures at the top of the pole and switches them to High or Low light settings based on occupancy • One sensor can operate up to 2 fixtures • To order the fixture with the High/Low option add the suffix "HL" to the fixture part number • The motion sensor is an accessory and has to be ordered separately using part number HILOOCSENSW • The sensor is only available in a bronze finish.

Construction Die cast aluminum • Stainless steel external hardware • Removable hinged door • Ballast mounted directly to housing

Mounting Two bolt keyhole mounting

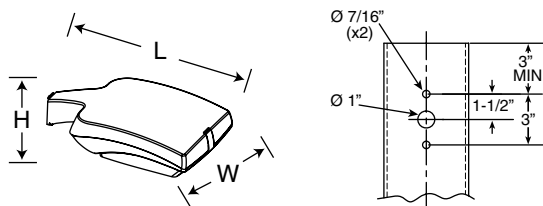
Lampholder HID - specification grade porcelain • CFL - 4 pin GX24Q base

Ballasts Low temperature starting • HPF magnetic ballast - Probe start MH -30°C, Pulse Start MH -40°C, HPS -40°C • Electronic ballast - HID -30°C (max. 35°C ambient), CFL -18°C

Listing UL1598/CSA C22.2 250 • IP65 • IDA Full Cut-Off • Suitable for wet locations

Dimensions

	EPA	L	W	H	Weight
A1 Series	0.8 ft²	23"	14"	5 7/8"	28 lb.
A2 Series	1.2 ft²	32"	18 5/8"	7 9/16"	49 lb.





Ordering Information Example: A1-150PS-QT-5H-L

Series	Lamp (Wattage/Type)	Ballast	Distribution	Options
A1	-150PS	-QT	-5H	-L

A1 Small Housing - Horizontal Lamp

Horizontal Lamp A1 Medium base 70W - 150W PS 175W MH 70W - 150W HPS CFL - GX24q base One lamp 26W - 70W Two lamps 26W - 42W	<ul style="list-style-type: none"> Pulse Start Metal Halide 70PS, 100PS, 150PS ED17 - Horizontal Lamp Probe Start Metal Halide § {175MH BD17 - Horizontal Lamp High Pressure Sodium 70HP, 100HP, 150HP E17 - Horizontal Lamp Compact Fluorescent One lamp - 126CF, 132CF, 142CF, 157CF, 170CF Two lamps - 226CF, 232CF, 242CF 	Magnetic PS, MH & HPS Lamps - QT† Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V - 480† 480V Not available with 70HP Electronic Compact Fluorescent - UN 120/277V - E12 120V - E27 277V - E34 347V	One Horizontal Lamp - 2H IES Type II - 3H IES Type III - 5H IES Type V - FT Forward Throw Two Horizontal Lamps (CFL only) - 2H IES Type II - 3H IES Type III - 5H IES Type V	See below
--	---	--	--	-----------

A2 Medium Housing - Horizontal or Vertical Lamp

Horizontal Lamp A2 HID - Mogul base 200W - 400W HID Vertical Lamp A2 HID - Medium base 70W - 200W	<ul style="list-style-type: none"> Pulse Start Metal Halide 70PS, 100PS, 150PS ED17 - Vertical Lamp Ⓔ {175PS, 200PS ED17 - Vertical Lamp Probe Start Metal Halide § {175MH BD17 - Vertical Lamp High Pressure Sodium 70HP, 100HP, 150HP E17 - Vertical Lamp 150HP ED23.5 - Horizontal Lamp 250HP, 400HP ED18 - Horizontal Lamp 	Magnetic PS, MH & HPS Lamps - QT† Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V - 480† 480V Not available with 70HP Electronic Pulse Start MH 250W or 320W only - U27† 200V thru 277V	One Horizontal Lamp - 2H IES Type II - 3H IES Type III - 4H IES Type IV NEW - 5H IES Type V - FT Forward Throw One Vertical Lamp - AV Asymmetrical - SV Square	
--	--	--	---	--

Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp Coated HID lamp	- CL
Clear HID lamp	- L
Compact fluorescent	By others
Photocontrol Replace voltage suffix "-QT", "-TT" and "UN" with line voltage suffix (max 347V)	- PC
Photocontrol receptacle Specify voltage	- PCR
Quartz Auxiliary Double contact bayonet base Quartz lamp not included	- Q
Emergency Ballast For use with one or two CF lamps. Replace voltage suffix "-QT", "-TT" and "UN" with line voltage suffix, 120V or 277V only The CF lamp(s) operate off the CF ballast, the lamp selected for dual function also operates off the emergency ballast. Minimum operating temperature 0°C (32°F) Minimum operating temperature -18°C (0°F)	- EMB - EMX
Internal House Side Shield For back light cut-off of forward throw (suffix "-FT") optics only For other distributions use the external shield	- SH
Fuse Holder Supplied with fuse Replace voltage suffix "-QT", "-TT" and "UN" with line voltage suffix Single pole - Line to neutral Two pole - Line to line	- F1 - F2
Hi/Lo HID controller Switches light output between High and Low light setting. Requires accessory motion sensor HILOOCSENSW	- HL
Color Bronze, standard Black Silver White	No Suffix - BL - SL - WH

Accessories (Ordered and shipped separately)

Description	Catalog #
Wall Mount Bracket	AWMB-color
Round Pole Adapter Fits 3" to 4" pole Fits 5" to 6" pole	ARPA34-color ARPA56-color
Post Top Fitter Fits 2" IPS (2-3/8" OD) and 2-1/2" IPS (2-7/8" OD) tenons	APTF-color
House Side Shield External Shield Used with IES Type II, III, IV, V and Asymmetrical and Square distribution optics. See options for forward throw models Fits A1 & AP1 Series Fits A2 & AP2 Series	A1-HSS A2-HSS
Polycarbonate Guard Fits A1 & AP1 Series Fits A2 & AP2 Series	A1-LS A2-LS
Pole Mounted IR Motion Sensor Switches the fixture between High and Low light settings. Requires fixture with "HL" option	HILOOCSENSW

† **Metal Halide:**
Ⓔ **EISA - Pulse Start MH:** 175W - 400W meet Energy Independence & Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States.**

• Fixtures are **ENERGY EFFICIENT**



Description

Beauty & Style The ultimate in stylish lighting design, the Alari™+ luminaire provides a graceful transition from ground to sky. The sweeping curves and elegant lines creates a daytime appeal not normally found in a luminaire of this type. Designer colors are available.

Premium Performance The precision engineered multi-faceted optical package ensures precise light control, high light levels and superior uniformity. High reflectance reflector materials are employed to achieve outstanding performance levels. An exciting new option, AccuLite's high transmission (98%) glass lens offers even higher levels of performance. The full complement of beam spreads makes Alari™+ the ideal choice for elegant high performance lighting

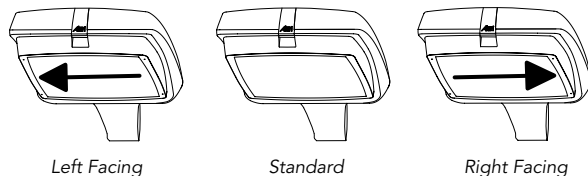
Features

Premium Optics Miro 4®, 95% enhanced specular aluminum • Precision engineered multi-faceted reflectors ensures precise light control and superior uniformity • Heat resistant tempered glass lens

High Transmission Lens 98% efficient high transmission glass lens is optional

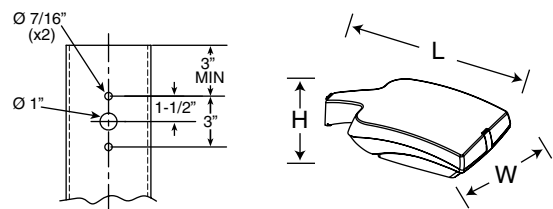
Rotatable Optics Alari™+ optics rotate in increments of 90°

Alari+ Rotatable Optics



Dimensions

	EPA	L	W	H	Weight
AP1 Series	0.8 ft²	23"	14"	5 7/8"	28 lb.
AP2 Series	1.2 ft²	32"	18 5/8"	7 9/16"	49 lb.



Electronic HID Ballast 250W and 320W • Improved lamp lumen depreciation • Extended lamp life • Improved ballast efficiency

Vertical Lamp In addition to the standard horizontal lamp models, the Alari™+ luminaire is also offered with vertical lamps up to 200W

Low EPA The Alari™+ luminaire features a sleek, low-resistance profile

"Dark Sky" Friendly Full cut-off • International Dark Sky Association Seal of Approval for dark sky friendly full cut-off luminaires

Tool-Less Relamping Snap action door latch

High/Low Switching The Alari HID luminaires can be ordered with a dual capacitor and controller that allows the fixtures to switch from full light output to approximately 50% of the light output • The fixtures can be switched from High to Low with an external switch (supplied by others) or with an occupancy sensor that detects movement • AccuLite offers an infrared motion sensor accessory that can be mounted on the pole at about 15' from the ground • The sensor communicates with the fixtures at the top of the pole and switches them to High or Low light settings based on occupancy • One sensor can operate up to 2 fixtures • To order the fixture with the High/Low option add the suffix "HL" to the fixture part number • The motion sensor is an accessory and has to be ordered separately using part number HILOOCSESW • The sensor is only available in a bronze finish.

Construction Die cast aluminum • Stainless steel external hardware • Removable hinged door • Power tray ballast mounting system

Easy Mounting Two bolt keyhole mounting

Finish Baked polyester powder coat • Custom colors are available

Lampholder HID - specification grade porcelain • CFL - specification grade 4 pin GX24Q base

Ballasts Low temperature starting • HPF magnetic ballast - Probe start MH -30°C, Pulse Start MH -40°C, HPS -40°C • Electronic ballast - HID -30°C (max. 35°C ambient), CFL -18°C

Listing UL1598/CSA C22.2 250 • IP65 • IDA Full Cut-Off • Suitable for wet locations



Ordering Information Example: AP2-200PS-QT-AV-L

Series	Lamp (Wattage/Type)	Ballast	Distribution	Options
AP2	-200PS	-QT	-AV	-L

AP1 Small Housing - Horizontal Lamp

Horizontal Lamp AP1 Medium base 70W - 150W PS 175W MH 70W - 150W HPS CFL - GX24q base One lamp 26W - 70W Two lamps 26W - 42W	● Pulse Start Metal Halide 70PS, 100PS, 150PS ED17 - Horizontal Lamp ● Probe Start Metal Halide § { 175MH BD17 - Horizontal Lamp ● High Pressure Sodium 70HP, 100HP, 150HP E17 - Horizontal Lamp ● Compact Fluorescent One lamp - 126CF, 132CF, 142CF, 157CF, 170CF Two lamps - 226CF, 232CF, 242CF	Magnetic PS, MH & HPS Lamps - QT† Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V - 480† 480V Not available with 70HP Electronic Compact Fluorescent - UN 120/277V - E12 120V - E27 277V - E34 347V	Rotatable Optical Systems 95% reflectance One Horizontal Lamp - 2H IES Type II - 3H IES Type III - 5H IES Type V - FT Forward Throw Two Horizontal Lamps (CFL only) - 2H IES Type II - 3H IES Type III - 5H IES Type V	See Below
---	--	---	--	-----------


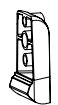




AP2 Medium Housing - Horizontal or Vertical Lamp

Horizontal Lamp AP2 Mogul base 200W - 400W HID Vertical Lamp AP2 Medium base 70W - 200W	● Pulse Start Metal Halide 70PS, 100PS, 150PS ED17 - Vertical Lamp ⓔ { 175PS, 200PS ED17 - Vertical Lamp ● Probe Start Metal Halide § { 175MH BD17 - Vertical Lamp § { 175MH, 250MH, 400MH ED28 - Horizontal Lamp ● High Pressure Sodium 70HP, 100HP, 150HP E17 - Vertical Lamp 150HP ED23.5 - Horizontal Lamp 250HP, 400HP ED18 - Horizontal Lamp	Magnetic PS, MH & HPS Lamps - QT† Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V - 480† 480V Not available with 70HP Electronic Pulse Start MH 250W or 320W - U27† - 200V thru 277V	Rotatable Optical Systems 95% reflectance One Horizontal Lamp - 2H IES Type II - 3H IES Type III - 4H IES Type IV NEW - 5H IES Type V - FT Forward Throw One Vertical Lamp - AV Asymmetrical - SV Square	
--	---	---	---	--

Options (Factory installed, add suffix to catalog number)

Description	Suffix
Rotate Optics Left Facing	- RL
Right Facing	- RR
High Transmission Glass Lens	- HT
Lens permits 98% light transmission	
Lamp Coated HID lamp	- CL
Clear HID lamp	- L
Compact fluorescent	By others
Photocontrol Replace voltage suffix "-QT", "-TT" and "UN" with line voltage suffix (max 347V)	- PC
Photocontrol receptacle Specify voltage	- PCR
Quartz Auxiliary	
Double contact bayonet base, Quartz lamp not included	- Q
Emergency Ballast For use with one or two CF lamps. Replace voltage suffix "-QT", "-TT" and "UN" with line voltage suffix, 120V or 277V only	
The CF lamp(s) operate off the CF ballast, the lamp selected for dual function also operates off the emergency ballast.	
Minimum operating temperature 0°C (32°F)	- EMB
Minimum operating temperature -18°C (0°F)	- EMX
Internal House Side Shield For back light cut-off of forward throw (suffix "-FT") optics only	
For other distributions use the external shield	- SH
Terminal Block & Ground Lug 14 AWG to 6 AWG	- TB
Fuse Holder Supplied with fuse	
Replace voltage suffix "-QT", "-TT" and "UN" with line voltage suffix	
Single pole - Line to neutral	- F1
Two pole - Line to line	- F2
Hi/Lo HID controller Switches light output between High and Low light setting. Requires accessory motion sensor HILOOCSENSW	- HL
Color Bronze, standard	No Suffix
Black	- BL
Silver	- SL
White	- WH

Accessories (Ordered and shipped separately)

Description	Catalog #
Wall Mount Bracket	
	AWMB-color 
Round Pole Adapter	
Fits 3" to 4" pole	ARPA34-color
Fits 5" to 6" pole	ARPA56-color 
Post Top Fitter	
Fits 2" IPS (2-3/8" OD) and 2-1/2" IPS (2-7/8" OD) tenons	APTF-color 
House Side Shield	
External Shield	
Used with IES Type II, III, IV, V and Asymmetrical and Square distribution optics. See options for forward throw models	
Fits A1 & AP1 Series	A1-HSS
Fits A2 & AP2 Series	A2-HSS 
Polycarbonate Guard	
Fits A1 & AP1 Series	A1-LS
Fits A2 & AP2 Series	A2-LS 
Pole Mounted IR Motion Sensor	
Switches the fixture between High and Low light settings. Requires fixture with "HL" option	HILOOCSENSW 

† Metal Halide:

ⓔ **EISA - Pulse Start MH:** 175W - 400W meet Energy Independence & Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.

‡ **Lamp Socket Protector:**

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States.**



Description

Engineered to provide a rugged, high performance luminaire that is both attractive and affordable. The Quasar™ luminaire provides the light control demanded by the specifier, while offering the end user reliability and long term economy. The Quasar™ luminaire is ideal for installation in a wide variety of facilities ranging from large shopping malls to small plazas; business parks, commercial complexes and office buildings; college and university campuses; and high or low rise apartment buildings.

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Features

"Dark Sky" Full Cut-Off Complaint full cut-off luminaire

Optics High-performance, segmented reflector • IES Type II, III, IV and forward throw distributions • Clear flat tempered glass lens

Construction One piece die cast aluminum housing

• Permanently attached hinged door is secured with 4 bolts for maximum weather-proof integrity • Gasketed lens

Mounting Square pole bracket and slipfitter

Finish Baked polyester powder coat

Lampholder Specification grade porcelain, mogul base

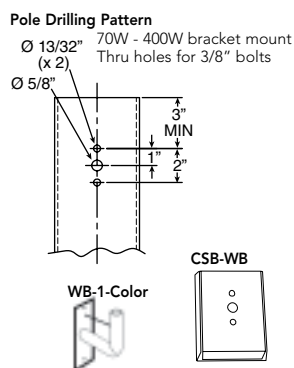
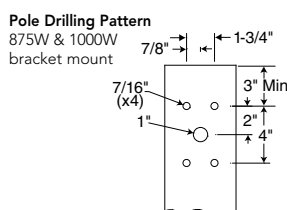
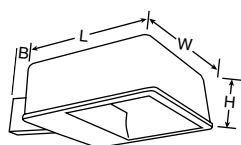
Ballasts Cool operating, the ballast is mounted directly to the cast housing for maximum heat dissipation • HPF ballasts are suitable for low temperature starting • Probe Start MH -30° C, Pulse Start MH -40° C, HPS -40° C

Ordering Information Example: CSB4-400PS-QT-SF-L

Series	Lamp (Watts/Type)	Volts	Mounting	Options
CSB4	-400PS	-QT	-SF	-L
Medium Housing Max 400W CSB2 IES Type II CSB3 IES Type III CSB4 IES Type IV FT Forward Throw Large Housing 875W - 1000W CSB3- IES Type III FT Forward Throw	● Pulse Start Metal Halide† 70PS, 100PS, 150PS ED28 200PS, 250PS ED28 { 320PS, 350PS, 400PS ED28 875PS, 1000PS BT37 Probe Start Metal Halide† § 175MH, 250MH, 400MH ED28 1000MH BT56 ● High Pressure Sodium 150HP ED23.5 250HP, 400HP ED28 1000HP E25	Magnetic - QT Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V - 480 480V	Square pole bracket Max 400W No suffix Included 875-1000W Order Separately See Accessories below Round pole bracket - R Fits 3"-3.5" Poles - R4 Fits 4"-5" Poles -Slipfitter - SF 2" IPS (2-3/8" OD)	Options See below Accessories See below

Dimensions

	EPA	L	W	H	Weight
Fixture 70W - 400W	1.28 ft²	16 3/8"	16 3/8"	7 3/8"	36 lb.
Fixture 875W - 1000W	2.70 ft²	23 3/4"	23 3/4"	10 1/4"	77 1/2 lb.
Arm	0.2 ft²				



Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp With clear lamp	- L
Quartz Auxiliary Replace voltage suffix "-QT" & "-TT" with line voltage	- Q
Photocontrol Max 347V Replace voltage suffix "-QT" & "-TT" with line voltage	- PC
Photocontrol Receptacle Specify voltage, receptacle only, photocontrol supplied by others	- PCR
Fuse Holder Supplied with fuse Replace voltage suffix "-QT" & "-TT" with line voltage	- F1 - F2
Hi/Lo HID Controller Switches light output between High and Low light setting. Requires accessory motion sensor HILOOCSENSW	- HL
Color Bronze (Standard - add suffix to Accessories) Black White	- BZ - BL - WH
Designer Colors	Consult Factory

Accessories (Ordered and shipped separately)

Description	Catalog #
Mounting Arm 1000W, IES Type III 1000W, Forward Throw	CSB3-1000AM-color FT-1000AM-color
Vandal Shield Max 400W Models 1000W Models	CSB-LS400 CSB-LS1000
Wall Mounting Brackets Slipfitter mounting, 2" IPS (2 3/8" OD) For bracket mounted luminaires, Max 400W	WB-1-color CSB-WB-color
Pole Mounted IR Motion Sensor Switches the fixture between High and Low light settings. Requires fixture with "HL" option	HILOOCSENSW
House Side Shield 400W 1000W	CSB-400HSS CSB-1000HSS

† Metal Halide:

Ⓢ EISA - Pulse Start MH; 200W - 400W meets Energy Independence & Security Act (EISA) requirements.

§ Not for use in the United States.

● Fixtures are **ENERGY EFFICIENT**.

AccuLite™ Area Lighting | Parklume PL7

7" LED Bollards



Description

The PL7 LED bollards are designed with simplicity in mind. An unobtrusive straight cylinder design with a flat top and reduced 7" diameter make this bollard especially suited to deliver energy efficient lighting with minimum disruption to the landscape. The LED light source provides exceptionally long life and even illumination.

Features

Optics Vandal resistant clear polycarbonate lens is standard • A top reflector collects the light from the LED source and a lower cone optic spreads the light to the surrounding areas • Anodized reflectors smooth out the light for a pleasant, uniform lighting job

Construction The seven inch Parklume bollards feature an extruded aluminum body with a cast top • Polycarbonate outer lens • Spun aluminum reflectors • Rubber gaskets prevent any water from getting into the electronics compartment • A house side shield accessory can be ordered to eliminate light from one side of the fixture

House Side Shield Optional, 160° house side shield.

Finish Polyester powder coat • Bronze or black.

LED Thermal Management Parklume LED bollards are equipped with an aluminum heat sink that creates a strong bond between the LED array and the top aluminum housing, utilizing the entire mass and surface area of the luminaire as a heat sink. This reduces LED operating temperature and increases LED life.

Electrical The luminaire is equipped with one LED driver with universal 120-277VAC, 60Hz input • Driver operating temperature range is -20°C (-4°F) through 50°C (122°F) • Total Harmonic Distortion (THD) 20% Max • Power factor > 0.90 at full load, 120VAC.

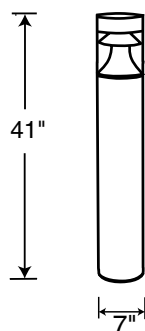
Listing UL1598 and CSA C22.2-250 • Suitable for wet locations.

Lumen Depreciation 50,000 hours L_{70} at 77°F (25°C) ambient.

Ordering Information Example: PL7-A16-4K-UN-RF-5C-BL-HS

Series	Engine Code	CCT	Volts	Model	Optics	Color	Options
PL7	-A16	-4K	-UN	-RF	-5C	-BL	-HS
PL7	A16 15W, 1000 Lumens	35K 3500K 4K 4000K	UN 120-277VAC E12 120V E27 277V E34 347V	RF Flat top with clear lens	5C Type V cone reflector	BZ Bronze BL Black	HS House side shield

Dimensions



Electrical Data

Engine Code	A16
Voltage	120V
Input Power	15.26W
Input Current	0.132A
Frequency	50/60Hz
Minimum Starting Temperature	-22°F (-30°C)

LED Data

Ordering Code	System Watts	CCT	CRI	Luminaire Initial Absolute Lumens
A16	15	4000K	80 Typical	1,005

AccuLite™ Area Lighting | Parklume PL2

8-1/4" LED Bollards



Description

The PL2 series LED bollards provide energy efficiency, uniform illumination, and rugged construction in a unique and stylish design. Two optical distributions give designers flexibility to match the project's landscape, and an optional internal motion sensor allows the building owners to realize substantial energy savings without altering the fixture look.

Features

Optics Bollards use a four-quadrant optic design that can be configured to light up all four quadrants (360°) or just two (mounted 90°) • The four-quadrant version delivers 360° of illumination • The two-quadrant version is configured with the LEDs positioned at 90° illuminating only one half of the fixture • The two quadrant optical design delivers a 270° pattern similar to a house side shield while at the same time cutting the energy used in half

Construction The shaft is heavy gauge extruded aluminum • The top and bottom pieces are cast aluminum • All components are secured using stainless steel fasteners • The lens is made of UV resistant polycarbonate • Fixture is finished with a 5 stage powder coat finish • Standard fixture construction is 42" long • An option 22" long fixture is available with some restrictions • See the ordering options for more details

Finish Powder coat • White, black, bronze, and silver.

Electrical Two versions utilizing either a 25W or a 50W, driver delivers 360° illumination • Power factor > 0.95 and are capable of universal 120-277VAC operation • Fixtures are also available for 347-480VAC

Thermal Management The LEDs are attached directly to the top of the housing, transferring all heat to the exterior of the fixture • Driver and other electrical components are in a separate compartment inside the shaft, removing them from the heat dissipated by the LEDs • This lowers the operating temperature of the electronic components, and extends the life of the driver

0-10V Dimming Option Option "D" 0-10V dimming driver

Motion Detection Option Available in three motion activated options • Option "M" is a simple On/Off operation with the fixture normally in the off state and switching to full on when motion is detected • Option "S" is normally set to 10% of full brightness and switches to 100% when motion is detected • Option "H" has a field configurable low illumination setting that can range from 10% to 100% of full output

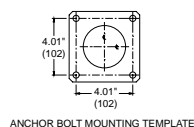
Listing UL1598 and CSA C22.2-250 • Suitable for wet locations.

Ordering Information Example: PL2-A15-4K-UN-5-BZ-H

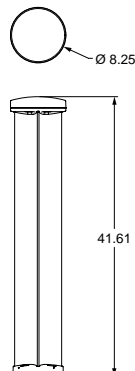
Series	Light Engine	CCT	Voltage	Distribution	Finish	Options
PL2	-A15	-4K	-UN	-5	-SL	-HS
PL2	- A15 450mA - A25 900mA	- 4K 4000K - 3K 3000K	- UN 120-277V - UH 347-480V - E12 120V - E20 208V - E24 240V - E27 277V - E34 347V - E48 480V	- 5 360°, 4 modules - 3 90°, 2 modules	- BL Black - BZ Bronze - SL Silver - WH White Contact factory for special colors. Provide RAL number	- H Motion Sensor HI/LOW with user adjustable low level. Must specify voltage. - M Motion sensor ON/OFF - S Motion sensor HI/LOW with low level factory set to 10% of full illumination. Must specify voltage. - D 0-10VDC dimming capable - EM Emergency battery (available in 120V or 277V only) - LAB Less anchor bolts (anchor bolts ordered and shipped separately) - 22* 22" long fixture not available with any other options. Only available with "UN" voltage (120-277V)

*Fixtures with option "-22" are only available in 120-277V. For DesignLights Consortium® qualified fixtures, please refer to the product specification sheet at junolightinggroup.com

Dimensions



ANCHOR BOLT MOUNTING TEMPLATE



Note: Standard fixture height is 41.61". Other fixture heights are available (see fixture options).

Accessories

Description	Catalog #
Anchor bolt and template kit	PL2ANCHOR

Fixtures are supplied with anchor bolts and template unless "LAB" option is specified. When "LAB" option is specified, the fixtures ship without the anchor bolts and template which need to be ordered separately (order PL2ANCHOR accessory).



Flat-Top
with Louver



Round Dome
with Conical Reflector

Description

Traditional Styling, Parklume™ PL7 Dome and Flat-Top styles are designed with simplicity in mind. An unobtrusive straight cylinder design combined with a reduced 7" diameter make these bollards especially suited to deliver value lighting with minimum disruption to the landscape.

Features

Optics Vandal resistant clear polycarbonate lens is standard
• Louvers or conical reflectors are available on all seven inch bollards • Louvers are designed to shield the lamp while allowing maximum luminaire spacing and ensuring a pleasant glare free environment

Construction Seven inch Parklume™ bollards feature an extruded aluminum body, cast aluminum top and cast aluminum mounting plate

House Side Shield 160° internal house side shield

• Optional

Finish Polyester powder coat • Bronze or black

Pulse Start Metal Halide Pulse Start provides longer lamp life, more lumens per watt, better lumen maintenance, superior color rendering, faster lamp warm up and faster hot restrike

Emergency Lighting When supplied with the optional emergency ballast for compact fluorescent lamps, PL7 Series bollards become an emergency light designed to assist in the safe evacuation away from buildings

Lampholder HID - specification grade porcelain, medium base • CFL - specification grade 4 pin, GX24Q base

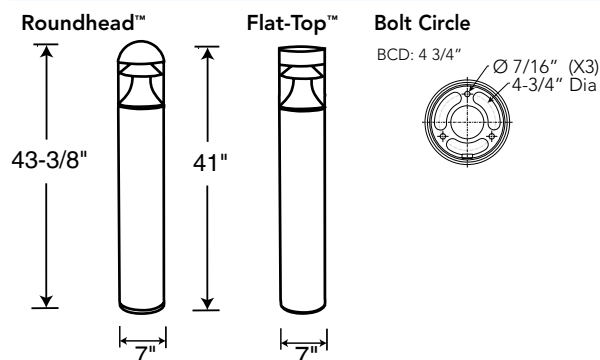
HPF Ballasts Low temperature starting • Pulse Start MH -40°C, HPS -40°C, CFL -18°C

Listing UL1598/CSA C22.2 No 250 • Suitable for wet locations

Ordering Information Example: PL7-100PS-QT-RD-5C-BZ-L

Series	Lamp (Watts/Type)	Ballast	Model	Optics	Color	Options
PL7	-100PS	-QT	-RD	-5C	-BZ	-L
PL7 Straight Cylinder Bollard	Pulse Start Metal Halide ED17 Medium Base 50PS, 70PS, 100PS High Pressure Sodium E17 Medium Base 35HP, 50HP, 70HP, 100HP Compact Fluorescent GX24Q Base 42CF 42W	Magnetic Ballast 35W & 50W HPS lamps - 120 120V, - 277 277V, - 347 347V 50W thru 100W PS 70W thru 100W HPS - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V 100W lamps - 480‡ 480V Electronic Ballast Compact Fluorescent - UN 120V/277V, - E12 120V, - E27 277V, - E34 347V	- RD Round dome with clear lens - RF Flat top with clear lens	Conical Reflector - 5C Type V Louver - 5L Type V	- BZ Bronze - BL Black	See below

Dimensions



Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp Clear HID Lamp CFL by others	- L
House Side Shield Internal	-HS
Emergency CFL Ballast 120V or 277V Replace voltage suffix "-UN" with line voltage suffix (-E12 or -E27) Minimum 0°C (-18°F) Minimum -20°C (0°F)	- EMB
-EMX	
Fuse Holder Supplied with fuse, replace "-UN", "-QT" and "-TT" with line voltage Single pole - Line to neutral Two pole - Line to line	- F1 - F2

Shaft Pole shafts are supplied in 11 gauge or 7 gauge thickness having a minimum yield strength of 55,000 psi and conforms to ASTM A595 Grade A • Shafts are of one piece construction with a full length longitudinal high frequency electric resistance weld • Shafts are uniformly square in cross section with flat sides, rounded corners (0.75" radius per corner) and no taper

Hand Hole Reinforcing hand hole rim welded into the pole shaft • Rectangular shaped tubing or oval shaped pipe • Hand holes are furnished with attachment bar, cover and screws • Hand holes, located 18" above the base

Electrical Ground A nut holder is provided near the hand hole and includes a 1/2" - 13 UNC hex head bolt and nut

Base Plate Fabricated from structural quality hot rolled carbon steel plate conforming to ASTM A36

• Circumferentially welded top and bottom, the base plate telescopes the pole shaft • The pole chart information lists the bolt circle ranges for each pole

Anchor Bolts Fabricated from carbon steel bar conforming to AASHTO M314 Grade 55 or ASTM F1554 Grade-55

• Bolts have an "L" bend on one end • Bolts are galvanized a minimum of 12" on the threaded end • Four anchor bolts are furnished per pole. Each anchor bolt is furnished with two hex nuts and two flat washers

Ordering Information Example: SSS4-20-1E2-BZ

Series	Height Nom.	Fixture Mtg.	Options	Specifications												
SSS4	-20	-1E2	-BZ													
				Pole Shaft			Pole Base			Anchor Bolts	80 MPH Gust factor = 1.3		90 MPH Gust factor = 1.3		100 MPH Gust factor = 1.3	
				Base O.D. (in)	Wall Thick (ga)	Weight (lbs)	Bolt Circle Dia (in)	Square (in)	Thickness (in)	Diameter Length Hook (in)	Max EPA (ft²)	Max Weight (lbs)	Max EPA (ft²)	Max Weight (lbs)	Max EPA (ft²)	Max Weight (lbs)
SSS4	- 10	- *	Color†	4.0	11	75	8.5 ± 0.5	8.25	0.75	.75 X 17 X 3	30.6	765	23.8	595	18.9	473
	- 12	See below	- BZ	4.0	11	90	8.5 ± 0.5	8.25	0.75	.75 X 17 X 3	24.4	610	18.8	470	14.8	370
	- 14		Bronze	4.0	11	100	8.5 ± 0.5	8.25	0.75	.75 X 17 X 3	19.9	498	15.1	378	11.7	293
	- 16		- WH	4.0	11	115	8.5 ± 0.5	8.25	0.75	.75 X 17 X 3	15.9	398	11.8	295	8.9	223
	- 18		White	4.0	11	125	8.5 ± 0.5	8.25	0.75	.75 X 17 X 3	12.6	315	9.2	230	6.7	168
	- 20		- BL	4.0	11	140	8.5 ± 0.5	8.25	0.75	.75 X 17 X 3	9.6	240	6.7	167	4.5	150
	- 25		Black	4.0	7	245	8.5 ± 0.5	8.25	0.88	.75 X 17 X 3	9.8	246	6.9	173	4.8	120
SSS5	- 20	- DUP		5.0	11	185	11.0 ± 1.0	11.00	1.00	.75 X 17 X 3	17.7	443	12.7	343	9.4	235
	- 25	Provision for		5.0	7	360	11.0 ± 1.0	11.00	1.00	.75 X 17 X 3	18.1	454	13.3	333	9.5	238
	- 30			5.0	7	380	11.0 ± 1.0	11.00	1.00	.75 X 17 X 3	10.7	267	6.7	167	3.9	100
SSS6	- 30	duplex		6.0	7	520	12.0 ± 1.0	12.50	1.00	1.00 X 36 X 4	19.0	475	13.2	330	9.0	225
	- 35	receptacle		6.0	7	540	12.0 ± 1.0	12.50	1.00	1.00 X 36 X 4	12.4	310	7.6	190	4.2	105
	- 40	- LAB	Less anchor bolts	6.0	7	605	12.0 ± 1.0	12.50	1.00	1.00 X 36 X 4	7.2	180	3.0	75	-	-

Drilling Pattern*

-Luminaires Bolt Directly to the Pole: Includes Top Cap

	Alari / Alari+	Aries II	Finia	Quasar	Quasar	Titan
	Ares	Aries II	Finia	Quasar	Quasar	Titan
	All Lamps	All Lamps	max. 400W	875- 1000W		-PM Mount
To order pole drilling add suffix						
1 Luminaire	-1E3	1E6	-1E2	-1E175-4	1E125	
2 Luminaires	-2C3	2C6	-2C2	- 2C175-4	2C125	
	-2L3	2L6	-2L2	- 2L175-4	2L125	
3 Luminaires	-3T3	3T6	-3T2	- 3T175-4	3T125	
4 Luminaires	-4X3	4X6	-4X2	- 4X175-4	4X125	

* See Pole Selection Process section for Pole Selection Process and tenon mounting bracket dimensions

† Designer colors are available - consult factory

Tenon Mounting Brackets*

Slipfitter Mounted Luminaires

Add suffix to order mounting bracket with 2" luminaire tenon

Description	Bracket Suffix	
1 Luminaire Luminaire tenon 2" IPS (2 3/8" OD)	- 1U	
2 Luminaires Luminaire tenon 2" IPS (2 3/8" OD) EPA 1.0 ft² - 21 lb.	in line - 2U	
3 Luminaires Luminaire tenon 2" IPS (2 3/8" OD) EPA 1.6 ft² - 32 lb.	in line - 3U	
EPA 1.3 ft² - 34 lb.	@ 120° - 3Y	
4 Luminaires Luminaire tenon 2" IPS (2 3/8" OD) EPA 1.6 ft² - 44 lb.	@ 90° - 4X	
EPA 2.3 ft² - 44 lb.	in line - 4U	

Shaft Pole shafts are supplied in 11 gauge or 7 gauge thickness having a minimum yield strength of 55,000 psi and conform to ASTM A595 Grade A • Shafts are of one piece construction with a full length longitudinal high frequency electric resistance weld • STS Series (square tapered) pole shafts are square in cross section with flat sides, rounded corners (0.75" radius per corner) and a uniform taper of 0.11 inches per foot of length

Hand Hole Reinforcing hand hole rim welded into the pole shaft • Rectangular shaped tubing or oval shaped pipe • Hand holes are furnished with attachment bar, cover and screws • Hand holes, located 18" above the base

Electrical Ground A nut holder is provided near the hand hole and includes a 1/2" - 13 UNC hex head bolt and nut

Base Plate Fabricated from structural quality hot rolled carbon steel plate conforming to ASTM A36

• Circumferentially welded top and bottom, the base plate telescopes the pole shaft • The pole chart information lists the bolt circle ranges for each pole

Anchor Bolts Fabricated from carbon steel bar conforming to AASHTO M314 Grade 55 or ASTM F1554 Grade-55 • Bolts have an "L" bend on one end • Bolts are galvanized a minimum of 12" on the threaded end • Four anchor bolts are furnished per pole. Each anchor bolt is furnished with two hex nuts and two flat washers

Ordering Information Example: STS-30HD-3T2-BZ

Series	Height Nom.	Fixture Mtg.	Options	Specifications													
STS	-30HD	-3T2	-BZ														
				Pole Shaft				Pole Base			Anchor Bolts	80 MPH Gust factor = 1.3		90 MPH Gust factor = 1.3		100 MPH Gust factor = 1.3	
				Base O.D. (in)	Top O.D. (in)	Wall Thick (ga)	Weight (lbs)	Bolt Circle Dia (in)	Square (in)	Thickness (in)	Diameter Length Hook (in)	Max EPA (ft²)	Max Weight (lbs)	Max EPA (ft²)	Max Weight (lbs)	Max EPA (ft²)	Max Weight (lbs)
STS	20†	- * See Below	Color†	5.25	3.05	11	155	10.75 ± 0	10.75	0.75	1.00 X 36 X 4	18.0	452	13.8	345	10.7	268
25†	- BZ		6.00	3.25	11	205	12.00 ± 0	11.50	0.88	1.00 X 36 X 4	16.8	422	12.6	315	9.5	238	
30	Bronze		6.41	3.11	11	260	12.50 ± 0	11.88	0.88	1.00 X 36 X 4	13.6	340	9.8	245	7.0	175	
35	- WH		6.81	2.96	11	305	13.00 ± 0	12.25	0.88	1.00 X 36 X 4	10.7	269	7.3	184	4.8	120	
39	White		7.13	2.87	7	500	13.50 ± 0	12.63	1.25	1.00 X 36 X 4	19.3	483	14.2	355	10.4	260	
30HD	- BL		6.41	3.11	7	375	12.50 ± 0	11.88	1.25	1.00 X 36 X 4	23.6	590	17.9	448	13.7	343	
35HD	Black	7.13	3.28	7	475	13.50 ± 0	12.63	1.25	1.00 X 36 X 4	23.4	585	17.4	435	13.0	325		
39HD	- DUP	8.75	4.49	7	670	15.75 ± 0	14.25	1.50	1.25 X 42 X 6	26.1	654	20.6	517	16.2	405		
				Provision for duplex receptacle													
				- LAB													
				Less anchor bolts													

Drilling Pattern*

-Luminaires Bolt Directly to the Pole: Includes Top Cap

	Alari / Alari+ Areos All Lamps	Aries II All Lamps	Finia Quasar max. 400W	Quasar 875- 1000W	Titan -PM Mount
To order pole drilling add suffix					
1 Luminaire	-1E3	1E6	-1E2	-1E175-4	1E125
2 Luminaires	-2C3	2C6	-2C2	- 2C175-4	2C125
	-2L3	2L6	-2L2	- 2L175-4	2L125
3 Luminaires	-3T3	3T6	-3T2	- 3T175-4	3T125
4 Luminaires	-4X3	4X6	-4X2	- 4X175-4	4X125

* See Pole Selection Process section for Pole Selection Process and tenon mounting bracket dimensions

† 3" X 5" (nominal) hand hole, all others 4" X 6.5" (nominal)

0 The pole base plate is provided with bolt holes 1/4" larger than the anchor bolt diameter

† Designer Colors are available - consult factory

Tenon Mounting Brackets*

Slipfitter Mounted Luminaires

Add suffix to order mounting bracket with 2" luminaire tenon

Description	Bracket Suffix	
1 Luminaire Luminaire tenon 2" IPS (2 3/8" OD)	- 1U	
2 Luminaires Luminaire tenon 2" IPS (2 3/8" OD) EPA 1.0 ft² - 21 lb.	in line - 2U	
3 Luminaires Luminaire tenon 2" IPS (2 3/8" OD) EPA 1.6 ft² - 32 lb.	in line - 3U	
EPA 1.3 ft² - 34 lb.	@ 120° - 3Y	
4 Luminaires Luminaire tenon 2" IPS (2 3/8" OD) EPA 1.6 ft² - 44 lb.	@ 90° - 4X	
EPA 2.3 ft² - 44 lb.	in line - 4U	

Shaft Pole shafts are supplied in 11 gauge or 7 gauge thickness having a minimum yield strength of 55,000 psi and conform to ASTM A595 Grade A • Shafts are of one piece construction with a full length longitudinal high frequency electric resistance weld • RTS Series (round tapered) pole shafts are round in cross section with a uniform taper of 0.14 inches per foot of length

Hand Hole Reinforcing hand hole rim welded into the pole shaft • Rectangular shaped tubing or oval shaped pipe • Hand holes are furnished with attachment bar, cover and screws • Hand holes, located 18" above the base

Electrical Ground A nut holder is provided near the hand hole and includes a 1/2" - 13 UNC hex head bolt and nut

Base Plate Fabricated from structural quality hot rolled carbon steel plate conforming to ASTM A36

• Circumferentially welded top and bottom, the base plate telescopes the pole shaft • The pole chart information lists the bolt circle ranges for each pole

Nut Covers Nut covers are die cast zinc and are fastened to the shaft by 1/4" self tapping screw

Anchor Bolts Fabricated from carbon steel bar conforming to AASHTO M314 Grade 55 or ASTM F1554 Grade-55 • Bolts have an "L" bend on one end • Bolts are galvanized a minimum of 12" on the threaded end • Four anchor bolts are furnished per pole. Each anchor bolt is furnished with two hex nuts and two flat washers

Ordering Information Example: RTS30HD-2U-BZ

Series	Height Nom.	Fixture Mtg.	Options
RTS	30HD	-2U	-BZ

Specifications

				Specifications													
				Pole Shaft			Pole Base			Anchor Bolts	80 MPH Gust factor = 1.3		90 MPH Gust factor = 1.3		100 MPH Gust factor = 1.3		
				Base O.D. (in)	Top O.D. (in)	Wall Thick (ga)	Weight (lbs)	Bolt Circle Dia (in)	Square (in)	Thickness (in)	Diameter Length Hook (in)	Max EPA (ft²)	Max Weight (lbs)	Max EPA (ft²)	Max Weight (lbs)	Max EPA (ft²)	Max Weight (lbs)
RTS	20	- *	Color†	6.5	3.7	11	160	9.5 ± 0.5	10.50	0.88	1.00 X 36 X 4	24.2	605	19.3	482	15.6	390
	25	See Below	- BZ	5.9	2.4	11	155	9.0 ± 0.5	10.00	0.88	1.00 X 36 X 4	12.5	312	9.9	247	8.0	200
	30		Bronze	8.0	3.8	11	265	11.0 ± 0.5	11.50	0.88	1.00 X 36 X 4	18.9	473	14.9	373	12.0	300
	35		- WH	8.5	3.6	11	315	11.5 ± 0.5	12.00	1.00	1.00 X 36 X 4	18.9	472	15.1	377	12.2	305
	39		White	9.0	3.6	11	355	12.5 ± 0.5	12.38	1.00	1.00 X 36 X 4	17.2	430	13.5	338	10.8	270
	45		- BL	10.0	3.7	7	650	13.5 ± 0.5	14.00	1.25	1.25 X 42 X 6	28.5	715	23.0	575	19.0	475
	50		Black	10.0	3.0	11	475	13.5 ± 0.5	14.00	1.00	1.00 X 36 X 4	13.2	330	10.6	265	8.3	208
	25HD		- DUP	7.0	3.5	11	200	10.0 ± 0.5	10.88	0.88	1.00 X 36 X 4	20.3	507	16.2	405	13.1	327
	30HD		Provision	8.0	3.8	7	380	11.0 ± 0.5	11.50	1.25	1.25 X 42 X 6	33.5	838	27.0	675	22.0	550
	35HD		for	9.5	4.6	11	370	13.0 ± 0.5	13.00	1.00	1.00 X 36 X 4	23.2	580	18.2	455	14.5	363
39HD		duplex	9.0	3.6	7	515	12.5 ± 0.5	12.38	1.25	1.25 X 42 X 6	28.5	715	23.0	575	19.0	475	
45HD		receptacle	11.0	4.7	7	780	15.0 ± 0.5	16.50	1.50	1.25 X 42 X 6	35.7	893	28.0	700	22.3	558	
50HD		- LAB	11.0	4.0	7	812	15.0 ± 0.5	16.50	1.50	1.25 X 42 X 6	29.9	748	23.5	588	18.6	465	
Less anchor bolts																	

Drilling Pattern*

-Luminaires Bolt Directly to the Pole: Includes Top Cap

	Alari / Alari+ Arees	Aries II	Finia Quasar	Quasar 875- 1000W	Titan -PM Mount
To order pole drilling add suffix	All Lamps	All Lamps	max. 400W		
1 Luminaire					
	-1E3	1E6	-1E2	-1E175-4	1E125
2 Luminaires					
	-2C3	2C6	-2C2	- 2C175-4	2C125
	-2L3	2L6	-2L2	- 2L175-4	2L125
3 Luminaires					
	-3T3	3T6	-3T2	- 3T175-4	3T125
4 Luminaires					
	-4X3	4X6	-4X2	- 4X175-4	4X125

Tenon Mounting Brackets*

Slipfitter Mounted Luminaires

Add suffix to order mounting bracket with 2" luminaire tenon

Description	Bracket Suffix	
1 Luminaire Luminaire tenon 2" IPS (2 3/8" OD)	- 1U	
2 Luminaires Luminaire tenon 2" IPS (2 3/8" OD)		
EPA 1.0 ft² - 21 lb.	in line - 2U	
3 Luminaires Luminaire tenon 2" IPS (2 3/8" OD)		
EPA 1.6 ft² - 32 lb.	in line - 3U	
EPA 1.3 ft² - 34 lb.	@ 120° - 3Y	
4 Luminaires Luminaire tenon 2" IPS (2 3/8" OD)		
EPA 1.6 ft² - 44 lb.	@ 90° - 4X	
EPA 2.3 ft² - 44 lb.	in line - 4U	

* See Pole Selection Process section for Pole Selection Process and tenon mounting bracket dimensions

† Designer colors are available - consult factory

Pole Shaft Series SSA pole shafts are constructed of seamless extruded tube of 6063 aluminum alloy per ASTM B221 • They are full-length heat treated after welding on the base flange to T-6 temper. The shaft shall be free of longitudinal welds

Hand Hole 4" and 5" poles have a 2" X 4" hand hole • 6" and 6.625" poles have a 3" X 5" hand hole • The aluminum cover is secured with two stainless steel screws

Electrical Ground An internal ground lug with a 3/8" hole is provided opposite the hand hole

Base Plate One piece cast socket of aluminum alloy 356 per ASTM B26 or B108 • The base flange shall be joined to the pole shaft by complete circumferential welds, externally at the top of the flange and internally at the bottom of the shaft tube

Anchor Bolts Fabricated from carbon steel bar conforming to AASHTO M314-90 • Bolts have an "L" bend on one end • The threaded ends of the anchor bolts are galvanized per ASTM A153 • Each anchor bolt is furnished with one hex nut and one flat washer also galvanized per ASTM A153

Ordering Information Example: SSAV4-20-1E2-BZ

Series	Height Nom.	Fixture Mtg.	Options	Specifications													
SSAV4	-20	-1E2	-BZ														
				Pole Shaft			Pole Base			Anchor Bolts	80 MPH Gust factor = 1.3		90 MPH Gust factor = 1.3		100 MPH Gust factor = 1.3		
				Base O.D. (in)	Wall Thick (in)	Weight (lbs)	Bolt Circle Dia (in)	Square (in)	Thickness (in)	Diameter Length (in)	Max EPA (ft²)	Max Weight (lbs)	Max EPA (ft²)	Max Weight (lbs)	Max EPA (ft²)	Max Weight (lbs)	
SSAV4	-10	- *	Color†	4.000	0.125	39	8.5-9.625	9.9375	2.00	.75 X 17	15.2	260	11.4	260	8.8	260	
	-12	See	- BZ	4.000	0.125	43	8.5-9.625	9.9375	2.00	.75 X 17	11.5	260	8.5	260	6.3	260	
	-14	below	Bronze	4.000	0.125	48	8.5-9.625	9.9375	2.00	.75 X 17	9.0	200	6.4	200	4.5	200	
	-16		- WH	4.000	0.188	61	8.5-9.625	9.9375	2.00	.75 X 17	9.4	200	6.7	200	4.7	200	
SSAV5	-18		White	5.000	0.188	87	10.5-11.5	11.5625	2.50	.75 X 17	13.5	260	9.6	260	6.8	260	
	-20		- BL	5.000	0.188	96	10.5-11.5	11.5625	2.50	.75 X 17	11.2	150	7.6	150	5.0	150	
SSAV6	-25		Black	6.000	0.250	219	12-13	12.75	2.75	1 X 36	16.5	260	11.2	260	7.3	260	
	-30		- DUP	6.000	0.250	253	12-13	12.75	2.75	1 X 36	9.0	260	5.0	260	2.0	260	
				Provision for duplex receptacle													
				- LAB													
				Less anchor bolts													

Drilling Pattern*

-Luminaires Bolt Directly to the Pole: Includes Top Cap

To order pole drilling add suffix	Alari Alari+ All Lamps	Aries II All Lamps	Quasar max. 400W	Quasar 875- 1000W	Titan -PM Mount
1 Luminaire					
	-1E3	1E6	-1E2	-1E175-4	1E125
2 Luminaires					
	-2C3	2C6	-2C2	- 2C175-4	2C125
	-2L3	2L6	-2L2	- 2L175-4	2L125
3 Luminaires					
	-3T3	3T6	-3T2	- 3T175-4	3T125
4 Luminaires					
	-4X3	4X6	-4X2	- 4X175-4	4X125

Tenon Mounting Brackets*

Slipfitter Mounted Luminaires

Add suffix to order mounting bracket with 2" luminaire tenon

Description	Bracket Suffix	
1 Luminaire Luminaire tenon 2" IPS (2 3/8" OD)	- 1U	
2 Luminaires Luminaire tenon 2" IPS (2 3/8" OD) EPA 1.0 ft² - 21 lb.	in line - 2U	
3 Luminaires Luminaire tenon 2" IPS (2 3/8" OD) EPA 1.6 ft² - 32 lb.	in line - 3U	
EPA 1.3 ft² - 34 lb.	@ 120° - 3Y	
4 Luminaires Luminaire tenon 2" IPS (2 3/8" OD) EPA 1.6 ft² - 44 lb.	@ 90° - 4X	
EPA 2.3 ft² - 44 lb.	in line - 4U	

* See Pole Selection Process section for Pole Selection Process and tenon mounting bracket dimensions

† Designer colors are available - consult factory

Pole Selection Process

1. Site

- Installation and local area conditions can dramatically effect lighting pole performance
- Excessive vibration may result from some wind and mounting considerations
- Only individuals with local knowledge who have observed or inspected the site can effectively evaluate site specific issues

1a. Wind Speed

- Determine the site location and steady wind velocity. (See Basic Wind Velocities map page 661)
- If the location falls between the Isotach bars or on the 70 MPH or 90 MPH Isotach bar, use the next highest wind velocity (i.e., 80 MPH or 100 MPH)
- If the wind exceeds 100 MPH, consult the factory

1b. Special Wind Regions

- Locations such as mountainous areas and areas surrounding the Great Lakes exhibit wind velocities considerably higher than the surrounding locales
- Consult local authorities to determine maximum wind velocities and select equipment accordingly

1c. Wind velocity

- ☐ 80 MPH ☐ 90 MPH
☐ 100 MPH
☐ Other _____ MPH

2: Calculate Effective Projected Area (EPA)

Luminaire Cat. #: _____

Bracket Cat. #: _____

A: Luminaire EPA: _____ ft²

B: Luminaires /Pole: _____

C: EPA (Multiply A X B)
 (all Luminaires): _____ ft²

D: Bracket EPA: _____ ft²

E: Total EPA (Add: C + D)
 (Luminaires & Brackets) _____ ft²

3: Calculate Weight (Lb.)

Luminaire Cat. #: _____

Bracket Cat. #: _____

F: Luminaire Weight: _____ lb.

G: Luminaires /Pole: _____

H: (Multiply F X G)
 Luminaire Weight: _____ lb.

J: Bracket Weight: _____ lb.

K: (Add: H + J)
 Weight (Total): _____ lb.

4: To select the correct pole

- Use the wind conditions from Step 1, then compare the maximum allowable EPA and weight (see catalog) for the style, material and height of the pole required with the EPA and weight calculated in steps 2 (line E) & 3 (line K)
- The EPA and weight of the poles must be equal to, or greater than the totals calculated in steps 2 & 3

Pole Cat. #: _____

L: EPA (Max): _____ ft²

M: Weight (Max): _____ lb.

5: Calculate Pole Suitability:

N: EPA (Line L): _____ ft²

P: EPA (Line E): _____ ft²

Q: Weight (Line M): _____ lb.

R: Weight (Line K): _____ lb.

S: Calculate
 (Subtract : N - P) _____

T: Calculate
 (Subtract : Q - R) _____

If either Line "S" or Line "T" is less than zero, the pole selected is not suitable

Caution

- These selection methods are guidelines only
- Juno Lighting Group assumes no responsibility for selection and recommends you consult qualified professionals for verification of overall system design, site suitability, foundation considerations and applicable code and regulatory compliance

Overloading

- Do not overload poles by attaching flags, banners or any items that can add excessive wind or mechanical load to designed pole assemblies

Tenon Mounting Brackets

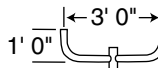
Bullhorn Style

Order brackets separately, indicate color

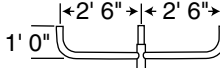
1 Luminaire



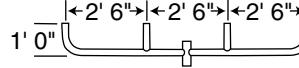
2 Luminaires @180°



3 Luminaires @180°



4 Luminaires @180°



Mounts on 2" tenon

Arm accepts 2" slipfitter or 2" tenon adapter

EPA - Bracket (Luminaires -Max.) -

Weight - Bracket (Luminaires -Max.) -

Ordered with pole

PB-2U - color

1.0 (7.3)

21 (150)

PB-3U - color

1.6 (4.7)

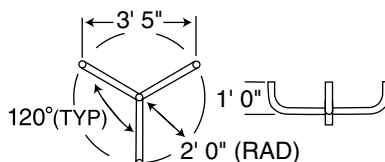
32 (150)

PB-4U - color

2.3 (3.4)

44 (150)

3 Luminaires @120°

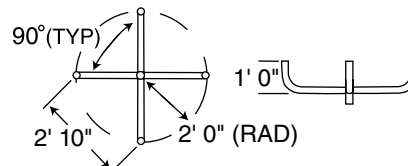


PB-3Y - color

1.3 (4.7)

34 (150)

4 Luminaires @90°



PB-4X - color

1.6 (3.5)

44 (150)

Mounts on 2" tenon

Arm accepts 2" slipfitter or 2" tenon adapter

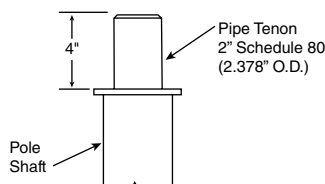
Catalog Number

EPA - Bracket (Luminaires -Max.)

Weight - Bracket (Luminaires -Max.)

Tenon

Standard 2" Tenon



Dimensions

Size-2"

O.D. (in)-2.375

Length (in)-4"

Pipe Size-2.0" Sched 40

Notes:

- 1: The maximum straight luminaire slipfit length is 4.63" for all arm brackets- Consult factory for other tenon applications.
- 2: Total combined weight and EPA of brackets and luminaires cannot exceed that allowed on the poles ordered.
- 3: Adjacent tenon spacing and fixture dimensions must be compared for proper clearance between fixtures.
- 4: Maximum luminaire weight and EPA values are based on a 100 mph wind speed with a 1.3 gust factor and a maximum 70' mounting height.
- 5: Material: Center hub is 2 1/2" schedule 40 pipe, arms are 2" schedule 40 pipe.

Miles per hour

United States Values are based on annual extreme-mile 30 feet above the ground and 50-year mean recurrence interval

Canada Based on peak mean hourly wind speeds for a 30-year return period, 30 feet above the ground.

Includes 1.2 drag factor and brackets

† Includes bracketry



Description

The LF series is an LED flood light designed for landscape, façade, and sign lighting applications where an energy efficient luminaire is needed. The design of this luminaire takes full advantage of the LED light source with exclusive features specifically developed to extract heat from the diodes, thus improving light source performance. With an IP65 full fixture rating the LF series keeps all its critical components safely protected from any weather condition in any mounting angle. This fixture is a great choice for industrial areas where hazardous location classifications are required. Available in a high performance configuration (LF1 Series) with maximum fixture efficacy, and a more economical version (LF2 Series) for the budget conscious project.

Features

Optics Custom designed, high performance molded TIR (Total Internal Refraction) optics shape the LED light with a 6H x 6V distribution ideal for flood lighting • A stainless steel polished-to-mirror finish reflector projects any stranded lumens out of the fixture, maximizing fixture performance.

Construction Heavy wall die cast aluminum body, back box, and frame deliver a sturdy, durable fixture • A tempered glass lens completely seals and protects the LED compartment • A powder coat finish with a thorough 6 stage application process seals the aluminum components from the environment.

Thermal Management LED boards are directly mounted against a polished surface for maximum contact between boards and heat sink • An exclusive air vent between the LED compartment and the electronic driver isolates and cools the two components.

Lumen Depreciation 60,000 hours L_{70} at 77°F (25°C) ambient.

Electrical The luminaire is equipped with two, three, or four LED modules depending on the light output/wattage selection • All versions are equipped with universal voltage LED drivers 120-277VAC input or 347V • An independent surge suppressor provides 10 kAmp of protection.

Mounting Fixture can be supplied with a slip fitter or trunion • Accessories for wall mounting are also available (see accessories).

Finish Polyester powder coat finish with a six stage application process • Bronze, black, white or silver are standard.

0-10V Dimming Option An optional 0-10V dimming driver (D option) is available • In applications where additional 0-10V wiring presents a challenge, a programmable, automatic dimming unit (PD option) is available • The PD option eliminates the need for 0-10V wiring and automatically dims the fixture with a factory pre-programmed schedule.

Hazardous Locations When ordered with option "C1", Finia LED luminaires are approved for use in hazardous locations classified as Class 1, Div 2, Groups A, B, C and D • Temperature class T4 and ambient range of -20°C to 40°C (-4°F to 104°F) • These are areas where flammable gases or vapors may be present in the air during abnormal conditions.

Certification Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications • Full fixture IP65 rating.

AccuLite™ Floodlighting | Finia™

LED Architectural Floodlighting LF1 & LF2 Series



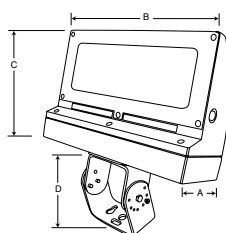
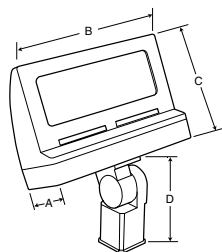
Ordering Information Example: LF1-40L-5K-UN-SF-W-HT-C1-WH

Series	Lamp/Watts	CCT	Voltage	Mounting	Distribution	Options	Area Classification	Finish
LF1	-40L	-5K	-UN	-SF	-W	-HT	-C1	-WH
LF2 Architectural LED Flood Light	-40L 40W LED Engine	-5K 5100K	-UN Universal 120-277V	-SF Slip Fitter	-W Wide 6H x 6V	-HT High transmission glass lens	-C1 Class 1, Div 2, Hazardous location Groups A, B, C, D	no suffix Bronze finish
LF1* High Performance, Architectural LED Flood Light	-50L 50W LED Engine	-4K 4100K	-E3 347V	-TR Trunion		-PG Prismatic glass lens (Type III & IV optics only)		-BL Black finish
	-80L 80W LED Engine					-TP Tamper resistant hardware		-WH White finish
						-D Dimming 0-10V		-SL Silver finish
								custom finish Contact factory with RAL number

*Available with engine codes 40L and 50L only.

Dimensions

	A	B	C	D	D
				(slip fitter)	(Trunion)
Standard Unit	4 3/4"	15 1/2"	9 3/4"	8"	5 1/2"
19 lb					
EPA = 1.5 in ²					



Accessories (Ordered and shipped separately)

Description	Catalog #
Wall Bracket Use with slip fitter Tenon 2" IPS (2 3/8" OD)	WB-1-color





Description

The LFB series is an architectural LED flood light designed for landscape, façade, and sign lighting applications where an attractive and energy efficient luminaire is needed. The design of this luminaire takes full advantage of the LED light source with exclusive features specifically developed to extract heat from the diodes, thus improving light source performance. With an IP65 full fixture rating the LFB series keeps all its critical components safely protected from any weather condition in any mounting angle. This fixture is a great choice for outdoor malls, store fronts, parks and parking lots.

Features

Optics Custom designed, high performance molded TIR (Total Internal Refraction) optics shape the LED light with a 7H x 7V distribution ideal for flood lighting • A tempered glass lens completely seals the optical system

Construction Heavy wall die cast aluminum body, back box, and frame deliver a sturdy, durable fixture • A tempered glass lens completely seals and protects the LED compartment • A powder coat finish with a thorough 6 stage application process seals the aluminum components from the environment

Thermal Management LED boards are directly mounted against a polished surface for maximum contact between boards and heat sink • An exclusive air vent between the LED compartment and the electronic driver isolates and cools the two components

Electrical The luminaire is equipped with one, two, three, or four LED modules depending on the light output/wattage selection • All versions are equipped with universal voltage LED drivers 120-277VAC input or 347/480V • An independent surge suppressor provides 10 kAmp of protection

Mounting Fixture can be supplied with a slip fitter or trunion • Accessories for wall mounting are also available (see accessories)

Finish Polyester powder coat finish with a six stage application process • Bronze, black, white or silver are standard

Emergency Lighting Option An optional integral battery pack can be provided for emergency lighting during a power outage • Choose EM option (-30° to 40°C, -22° to 104°F ambient)

Motion Detection Option The sensor is configured to function either as an ON/OFF switch (MØ option) or to operate a High/Low dimming driver (M option) • In the High/Low configuration the user can field adjust the "Low" light setting with an internal potentiometer for continuous adjustment down to 15%

0-10V Dimming Option An optional 0-10V dimming driver (D option) is available • In applications where additional 0-10V wiring presents a challenge, a programmable, automatic dimming unit (PD option) is available • The PD option eliminates the need for 0-10V wiring and automatically dims the fixture with a factory pre-programmed schedule

Two Independent Circuits Option Optional two independent circuit configuration ("2C" option) • Fixtures with this option include two drivers, each of them driving separate LED modules • Excellent option to meet the multiple lamp requirement in egress lighting ordinances, or for energy savings using individual switching of drivers • Fixtures with B06 engines supplied with two drivers, each operating one LED module • Fixtures with B09 engines supplied with one driver operating one module, and one driver operating two modules • Fixtures with B12 engines supplied with two drivers, each operating two LED modules • Option not available for fixtures with B03 engines, or emergency battery

Certification Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications • Full fixture IP65 rating



Ordering Information Example: LF-B06-5K-E2-SF-W-PC

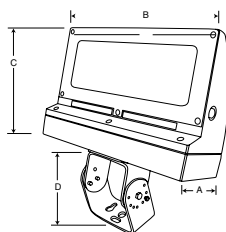
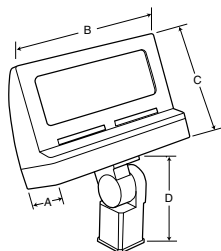
Series	Light Engine Code	CCT	Voltage	Mounting	Distribution	Options	Finish
LF	-B03	-4K	-E2	-SF	-W	-PC	-WH
LF High Performance, Architectural LED Flood Light	- B03 35W LED Engine - B06 70W LED Engine - B09 105W LED Engine - B12 135W LED Engine	- 5K 5000K - 4K 4000K	- UN Universal 120-277V - E1 120V - E2 277V - E3 347V - E4 480V	- SF Slip Fitter - TR Trunion	- W Wide 7H x 7V	- PC ² Button Style Photocontrol (specify voltage) - HT High transmission glass lens - PG Prismatic glass lens - F Fusing (specify voltage) - TP Tamper resistant hardware - D Dimming 0-10V - PD Pre-programmed Dimming - 2C Two independent circuits (Not available with B03 engine) - EM ¹ Integral emergency battery (specify voltage; -22° F to 104° F ambient)	Finish no suffix Bronze finish - BL Black finish - WH White finish - SL Silver finish custom finish Contact factory with RAL number

¹ Available in 120-277V.



² Available with 120V or 277V only.

Dimensions

	A	B	C	D (slip fitter)	D (Trunion)	Weight
Standard Unit EPA = 1.5 in ²	4 3/4"	15 1/2"	9 3/4"	8"	5 1/2"	19 lb
Unit w/ Emergency Battery EPA = 1.5 in ²	4 3/4"	15 1/2"	11 1/2"	8"	5 1/2"	28 lb



Accessories (Ordered and shipped separately)

Description	Catalog #
Wall Bracket Use with slip fitter Tenon 2" IPS (2 3/8" OD)	WB-1-color 
USB PC Cable For field programming of "PD" option with a PC	PDUSBPCCABLE 



Description

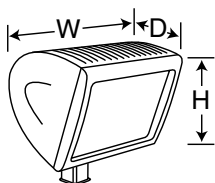
The Caribe LED architectural floodlight is an energy efficient solution for landscape and façade lighting applications. Available with four different beam patterns the Caribe LED gives the architect flexibility of design. This fixture is ideal for façade lighting, columns and flag poles, as well as landscape and sign lighting.

Features

Optics The Caribe LED is available with LED mounted optics that shape the beam, plus a glass lens to protect the LED components and make the fixture easy to clean • Four different beam patterns (7x7 wide, 4x4 medium, 3x3 narrow, and 2x2 spot) • LED lenses are board mounted • Glass lens is mechanically secured and gasketed • An array of visors and louvers is also available to tailor the beam pattern to the specific requirements of the installation • Available with either a 40W or an 80W light engine.

Dimensions

Range	H	W	D
20 lb / 9.1 kg EPA = 0.80	8 3/4"	11"	8 5/8"



Construction Specification grade die cast aluminum housing, door frame and mounting accessories

- Beveled edge door frame with full width concealed hinge
- 1/2" Stem and 2" slipfitter are marked with angles of inclination for consistent aiming throughout installation
- Tempered glass lens is secured mechanically and gasketed for easy replacement in case of damage.

Mounting Standard 1/2" stem mount or slip fitter
2" IPS (2-3/8" OD)

Finish Polyester powder coat • Designer colors are available

Electrical The luminaire is equipped with one or two 40W LED drivers with universal 120-240 0.5A, 277VAC 0.2A, 50/60Hz input • Drivers provide power to the LEDs with an output of 12-24 VDC, 1400mA, max 40W

- Driver operating temperature range is -30°C (-22°F) through 50°C (122°F) • Total Harmonic Distortion (THD) 20% Max • Power factor > 0.92 at full load, 115VAC, 230VAC
- Surge immunity > 1KVAC

Lumen Depreciation 50,000 hours L_{70} at 77°F (25°C) ambient.

Listing UL1598, CSA C22.2 250 • Suitable for wet locations

Electrical Data

	120V	277V
Input Power (40L version)	37W	37W
Input Current - Max	0.42A	0.24A
Frequency	50/60Hz	50/60Hz
Minimum Starting Temperature	-30°C (-22°F)	-30°C (-22°F)

LED Data

Ordering Code	System Watts	CCT	CRI	Luminaire Initial Absolute Lumens*
40L	37	4100K	80 Typical	1,558
80L	69	4100K	80 Typical	2,648

* Lumen values based on 2 x 2 optics.

AccuLite™ Floodlighting | Caribe™


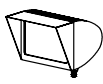
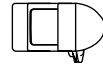
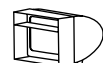
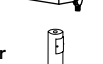


LED Architectural Floodlighting RBF Series



Ordering Information Example: RBF-40L-41-UN-N-BL

Series	Lamp/Watts	CCT	Volts	Mounting	Beam Spread	Options
RBF	-40L	-41	-UN	-	-N	-BL
RBF	- 40L 40W LED - 80L 80W LED	- 41 4100K	- UN 120-277VAC - E12 120V - E27 277V (E12 and E27 for F1 and PC options only)	- no suffix 1/2" stem - SF Slip fitter 2" IPS (2 3/8" OD)	- W Wide 7H x 7V - M Medium 4H x 4V - N Narrow 3H x 3V - S Spot 2H x 2V	- PC Photocontrol (must specify voltage) - TP Tamper resistant hardware - F1 Fused (must specify voltage) Finish no suffix Bronze - BL Black - WH White Custom colors - consult factory

Accessories (Ordered and shipped separately)

Description	Catalog #
Slipfitter Adapter Bronze finish Convert stem to slipfitter Fits tenons from 2" - 3" IPS (2 3/8" - 3 1/2" OD)	RBF-PTF 
Vandal Shield Lexan®	RBF-S-LS 
Top Visor Black finish	RBF-S-TV 
Side Visor Black finish	RBF-S-SV 
Horizontal Louver Black finish	RBF-S-HLV 
Stanchion For 1/2" Stem mount, bronze finish	RBF-STANCHION-color 
Wall Bracket Use with slipfitter or tenon adapter Tenon 2" IPS (2 3/8" OD)	WB-1-BZ 



Small Housing - Slipfitter



Small Housing - Stem
Designer green finish

Description

With great looks in a compact package, the Caribe™ floodlight is the ideal choice to fulfill the architect's vision. The elliptical shape is designed to blend with and complement the architect's landscape design. With both floodlighting and "Spot" distributions, there is a Caribe floodlight for illuminating everything from narrow columns to facades.

Features

Specification Grade Construction Die cast aluminum
• Beveled edge door frame with full width concealed hinge
• Recessed cover screws • Degree marked stem and slipfitter

Optics Three IES Beam Distributions • Narrow: Max 175W: 3H x 2V • Medium: Max 175W: 4H x 3V
• Wide: Max 175W: 7H x 6W

Mounting 1/2" stem with optional slipfitter adapter or 2" IPS (2 3/8" OD) slipfitter

Lampholder Specification grade porcelain
• Medium - Max 175W

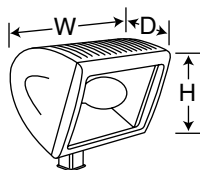
Finish Standard - bronze, black, white • Designer colors are available

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Dimensions

Range	H	W	D
35-175W 20 lb / 9.1 kg EPA = 0.80	8 3/4"	11"	8 5/8"




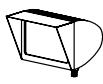
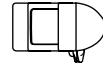

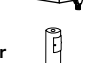


Ordering Information Example: RBF100PS-QT-SF-N-L

Series	Lamp (Watts/Type)	Volts	Mounting	Beam Spread	Options
RBF	100PS	-QT	-SF	-N	-L
RBF	<ul style="list-style-type: none"> ● Pulse Start Metal Halide† 50PS, 70PS, 100PS, 150PS ED17 ● Probe Start Metal Halide† § {175MH E17 ● High Pressure Sodium 35HP, 50HP, 70HP BD17 100HP, 150HP BD17 	35W & 50W HPS - 120 120V, - 277 277V, - 347 347V 50W - 150W PS 175W MH 70W - 150W HPS - QT† Quad Tap 120V, 208V, 240V, 277V 50W - 150W PS 175W MH 70W - 150W HPS - TT Tri Tap 120V, 277V, 347V	Small Housing 35W - 175W No suffix - 1/2" Stem - SF - Slipfitter 2" IPS (2 3/8" OD)	No suffix Wide Beam 7H X 6V - N Narrow Beam 3H X 2V - M Medium 4H X 3V	See below

Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp Clear HID lamp	- L
Photocontrol Replace voltage suffix "-QT" and "-TT" with line voltage as suffix	- PC
Tamper resistant hardware	- TP
Color Bronze, standard Black White	No Suffix - BL - WH
Designer Colors	Consult Factory

Accessories (Ordered and shipped separately)

Description	Catalog #
Slipfitter Adapter Bronze finish Convert stem to slipfitter Fits tenons from 2" - 3" IPS (2 3/8" - 3 1/2" OD)	RBF-PTF 
Vandal Shield Lexan®	RBF-S-LS 
Top Visor Black finish	RBF-S-TV 
Side Visor Black finish	RBF-S-SV 
Horizontal Louver Black finish	RBF-S-HLV 
Stanchion For 1/2" Stem mount, bronze finish	RBF-STANCHION-color 
Wall Bracket Use with slipfitter or tenon adapter Tenon 2" IPS (2 3/8" OD)	WB-1-BZ 

† Metal Halide:

Ⓔ EISA: Pulse Start MH: 250W - 400W meet Energy Independence & Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.

§ Not for use in the United States.

● Fixtures are **ENERGY EFFICIENT**



Description

The Accuflood™ FLM Series floodlight is a specification grade floodlight engineered to optimize today's efficient light sources. With superior lighting characteristics, FLM Series is an ideal choice for retail, commercial and industrial installations where the superior efficiency and uniformity is desirable. Certified for use in Class I, Division 2 hazardous locations including refineries, chemical stores and tank farms, with hazardous location option.

Features

Optics Use fewer luminaires to obtain the required light levels with FLM high performance optics

Hazardous Locations Class I, Division 2 optional

Construction Heavy wall die cast aluminum • Hinged door secured with 1/4"-20 cover bolts • Keyed interlocking hinge secures the door during servicing • Flat tempered glass lens

Finish Polyester powder coat • Bronze

Mounting Yoke • Slipfitter, 2" IPS Tenon (2 3/8" OD)

Lampholder Specification grade porcelain, mogul base

Finish Polyester powder coat • Bronze

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250 • Suitable for wet locations • Optional: Class 1, Div. 2, Group B, C, D

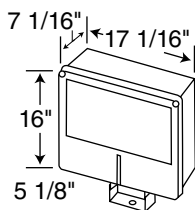
Ordering Information Example: FLM320PS-QT-SF-L

Series	Lamp (Watts/Type)	Volts	Mounting	Beam Spread	Options Accessories
FLM	320PS	-QT	-SF	-	-L
FLM	<ul style="list-style-type: none"> Pulse Start Metal Halide† <ul style="list-style-type: none"> 250PS ED28 320PS, 350PS, 400PS ED37 Probe Start Metal Halide† <ul style="list-style-type: none"> 250MH ED28 400MH ED37 High Pressure Sodium <ul style="list-style-type: none"> 70HP, 100HP, 150HP ED23.5 250HP, 400HP ED18 	<ul style="list-style-type: none"> - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V 100W - 400W - 480‡ 480V 	<ul style="list-style-type: none"> No suffix Yoke - SF Slipfitter 2" IPS (2 3/8" OD) 	No suffix IES 5H X 7V	See below

Dimensions

EPA: 2.3 ft² (Includes 1.2 drag factor).
Weight - 40 lb.

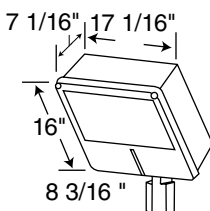
Yoke



FLM-TA
Tenon Adapter:
2" IPS (2 3/8" OD)

Slipfitter

2" IPS (2 3/8" OD)



WB-1-BZ
Mounting:
2 holes 7/16" dia.
Tenon: 2" IPS (2 3/8" OD)

FLM-CA
Crossarm Adapter:
2" IPS (2 3/8" OD)

† Metal Halide:

Ⓢ EISA - Pulse Start MH: 250W - 400W meet Energy Independence & Security Act (EISA) requirements.

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ Not for use in the United States.

• Fixtures are **ENERGY EFFICIENT**.

Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp Clear HID lamp Compact fluorescent	- L By others
Photocontrol Replace voltage suffix "-QT" and "-TT" with line voltage as suffix	- PC
Photocontrol Receptacle 480V photocontrol receptacle Photocontrol by others	- PCR
Fuse Holder Supplied with fuse. Replace voltage suffix "-QT" and "-TT" with line voltage as suffix Single pole - Line to neutral Two pole - Line to line	- F1 - F2
Hazardous Locations Class 1, Div. 2, Groups B, C, D Ambient 25°C 40°C 400W HPS 360°C 375°C 400W MH 328°C 343°C	- C1

Accessories (Ordered and shipped separately)

Description	Catalog #
Tenon Adapter Converts yoke to slipfitter Tenon 2" IPS (2 3/8" OD)	FLM-TA
Cross Arm Adapter For horizontal aiming	FLM-CA
Vandal Shield Lexan®	FLM-LS
Top Visor	FLM-TV
Wall Bracket Use with slipfitter or tenon adapter 2" IPS (2 3/8" OD) tenon	WB-1-BZ



Description

Engineered to provide durable, efficient controlled illumination of parking lots, sports facilities, storage areas, building facades, industrial facilities or any other outdoor location where a high wattage energy efficient floodlight is appropriate. Well suited to automotive sales lots and other outdoor product display areas where the combination of high light levels and even distribution enhances the end user's product presentation.

Features

Construction Heavy wall die cast aluminum housing and door • Hinged door secured with six #10-24 cover bolts • Steel yoke or die cast 2" slipfitter (2 3/8") • Flat tempered glass lens

Mounting Yoke • Slipfitter, 2" IPS (2 3/8" OD) Tenon

Optical Assembly Anodized reflector for optimum long term performance • This reflector assembly provides an effective wide beam spread and excellent uniformity for superior lighting performance

Optics IES Beam Distribution MH - 5V x 6H & HPS - 6V x 6H

Lampholder Specification grade porcelain, mogul base

Finish Polyester powder coat • Bronze

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

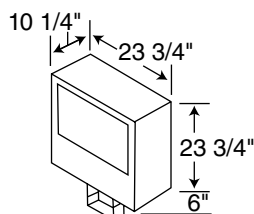
Ordering Information Example: FLC1000MH-QT-SF-L

Series	Lamp (Watts/Type)	Volts	Mounting	Beam Spread	Options
FLC	1000MH	-QT	-SF	-	-L
FLC	Probe Start Metal Halide† 1000MH BT56 ● High Pressure Sodium 1000HP E25	- QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V - 480‡ 480V	No suffix Yoke - SF Slipfitter 2" IPS (2 3/8" OD)	No suffix MH 5V X 6H HPS 6V X 6H	See below

Dimensions

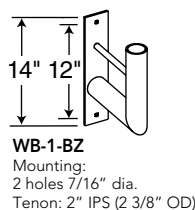
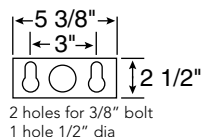
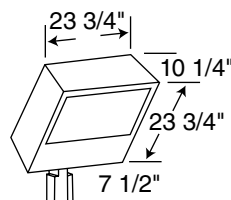
EPA: 4.7 ft² (Includes 1.2 drag factor). Weight - 73 lb.

Yoke



Slipfitter

2" IPS (2 3/8" OD)



Options Factory installed, add suffix to catalog number

Description	Suffix
Lamp Clear HID lamp	- L
Photocontrol Replace voltage suffix "-QT" and "-TT" with line voltage as suffix	- PC
Photocontrol Receptacle 480V photocontrol receptacle, photocontrol by others	- PCR
Fuse Holder Supplied with fuse. Replace voltage suffix "-QT" and "-TT" with line voltage as suffix Single pole - Line to neutral Two pole - Line to line	- F1 - F2

Accessories Ordered and shipped separately

Description	Catalog #
Tenon Adapter Converts yoke to slipfitter Tenon 2" IPS (2 3/8" OD)	FLC-TA
Cross Arm Adapter For horizontal aiming	FLC-CA
Vandal Shield Lexan®	FLC-LS
Top Visor	FLC-TV
Wall Bracket Use with slipfitter or tenon adapter 2" IPS (2 3/8" OD) tenon	WB-1-BZ

† Lamp Socket Protector:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

● Fixtures are **ENERGY EFFICIENT**.



Description

The Sport-Pro™ sports lighting system is designed to provide ultimate visibility for all sports lighting applications. The Sport-Pro™ system is suitable for both indoor and outdoor installations including football, baseball, softball, slow-pitch, basketball, ice hockey, soccer, golf and ski hills. NEMA 2, 3, 4, 5, and 6 beam spreads are available.

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Features

Maximum Performance Optical Assemblies 22 inch reflector assemblies for maximum performance • Heat and impact resistant tempered glass lens

Heavy Duty Construction Integral ballast models feature corrosion resistant cast aluminum socket and ballast housing • Aluminum ballast cover • Remote ballasted models feature a cast socket housing and heavy duty zinc plated steel yoke • Spun aluminum optical assembly • Stainless steel latches • Dedicated hinge • Water-tight cord connector

Easy Installation and Maintenance Secured with a single bolt

Finish Corrosion resistant polyester finish protects the ballast assembly and lamp socket assemblies • Exposed hardware is stainless steel • Zinc plated heavy duty yoke

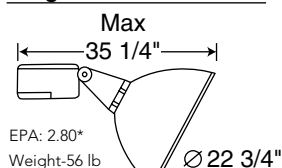
HPF Ballasts Low temperature starting • Probe Start MH -30°C, HPS -40°C

Ordering Information Example: SP1502MH-QT-L

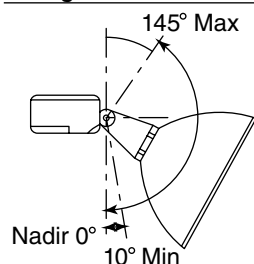
Series	Lamp (Watts)	Beam Spread	Lamp (Type)	Ballast	Options
SP	150	2	MH	-QT	-L
SP	Probe Start Metal Halide† Integral or remote ballast § 40 400W, BT37 100 1000W, BT56 Integral ballast only 150 1500W, BT56 ● Pulse Start Metal Halide† Integral ballast 40 400W, ED37 100 1000W, BT37 ● High Pressure Sodium Integral or remote ballast 40 400W, ED18 100 1000W, E25	2 NEMA 2 x 2 3 NEMA 3 x 3 4 NEMA 4 x 4 5 NEMA 5 x 5 6 NEMA 6 x 6	MH Probe Start Metal Halide PS Pulse Start Metal Halide HP High Pressure Sodium	Magnetic - QT‡ Quad Tap 120V, 208V, 240V, 277V - TT Tri Tap 120V, 277V, 347V - 480‡ 480V Remote Ballast - RB Order remote ballast separately (Max 1000W)	See below

Dimensions

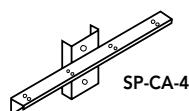
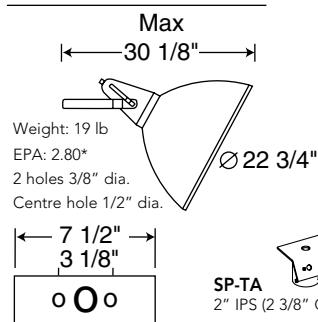
Integral Ballast



Aiming



Remote Ballast



Options Factory installed, add suffix to catalog number

Description	Suffix
Lamp With clear lamp	- L
Fuse Holder On multi-tap ballasts indicate line voltage	
Single pole, with fuse	- F1
Two pole, with fuses	- F2
Pre-Wired	
3' SOW Cord	- 3C-PW
6' SOW Cord	- 6C-PW
12' SOW Cord	- 12C-PW

Accessories Ordered and shipped separately

Description	Catalog #
Integral Ballast Slipfitter Tenon 2" IPS (2 3/8" OD)	SP-SF
Remote Luminaire Tenon Adapter Converts yoke to slipfitter Tenon 2" IPS (2 3/8" OD)	SP-TA
Cross Arm Angle iron	
2 luminaire	SP-CA-2
3 luminaire	SP-CA-3
4 luminaire	SP-CA-4
Cross Arm Adapter For horizontal aiming of remote luminaire	SP-CA
Top Visor	SP-TV
Wall Bracket For integral ballast luminaire	SP-WB1
Lamp Support For high vibration installations	SP-L-SUPPORT

† Metal Halide:

Ⓢ EISA: 400W Probe Start MH is only available in Canada.

‡ Lamp Socket Protector:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ Not for use in the United States.

● Fixtures are **ENERGY EFFICIENT**



Compact Fluorescent
Ceiling Mount



Incandescent
Ceiling Mount

Description

The Vaporlume™ retro-look luminaire is for applications with functional decor. Enclosed and gasketed for industrial applications, these rugged vaportight luminaires are suitable for use both outdoors or indoors.

Features

Enclosed and Gasketed Enclosed and gasketed for industrial applications, these rugged vaportight luminaires are suitable for use both outdoors or indoors • **Retro-look** for applications with functional decor

Construction Cast aluminum housings and guards

• **Globe:** Standard – clear glass

Mounting Ceiling – junction box with five 3/4" hubs

• **Pendant** – 3/4" hub • **Wall** – junction box with five 3/4" hubs

Finish Standard – Color Metallic Gray

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Ordering Information Example: VC200-UN-G

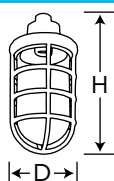
Series	Mounting	Lamp (Watts)	Ballast	Guard
V	C	200	-UN	-G
V	C Ceiling with junction box 3/4" threaded hubs	Incandescent 100 100W maximum 200 200W maximum	Blank Incandescent - UN 120-277V (CFL only)	- G Cast aluminum guard
	P Pendant 3/4" threaded hub (not available with CFL)	Fluorescent ● 42CF 42W compact fluorescent		
	W Wall with junction box 3/4" threaded hubs			

Dimensions

Pendant

3/4" Hub

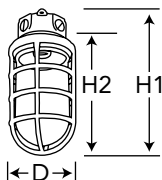
	D	H1
VP100G	4 1/4"	10 1/4"
VP200G	5 5/8"	11 15/16"



Ceiling Mounted

3/4" Hub

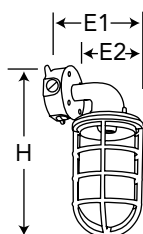
	D	H1	H2
VC100G	4 1/4"	9 5/8"	7 3/4"
VC200G	5 5/8"	11 1/2"	9 7/8"
● VC42CFUNG	7 1/8"	15"	13 3/8"



Wall Mounted

3/4" Hub

	E1	E2	H
VW100G	6 13/16"	5 3/16"	12 3/4"
VW200G	7 5/8"	6"	14 1/4"
● VW42CFUNG	7 7/8"	7 1/8"	18 1/4"



Accessories

Description

Replacement Globes Clear Glass, 100W
Clear Glass, 200W

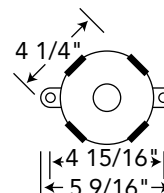
Catalog

V100
V200

Options

Junction Box

For ceiling & wall
mounted models
Five hubs (3/4")
and 4 plugs
Box depth = 1 5/8"



● Fixtures are **ENERGY EFFICIENT**.

Sign Lighters

S399 RLM Shade

Decorative element for use with single head S311, S313, S401, S411 and S413 AccuLite Sign Lighter fixtures. Shade accessory is also used to help control the illumination pattern. All aluminum construction. For outdoor and indoor use. Available in black and bronze powder painted finishes.



Ordering Information Example: S399-BLK

Model	Hardware Finish
S399	-BLK
S399	-BLK Black
	-BZP Bronze



S401 Short Arm – Flat Canopy

Flat Canopy design with short 3" arm. For remote mounted power supply. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH Ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only.



Ordering Information Example: S401L2-2K-SP-BLK-1

Model	Lamp/Watts	Hardware Finish
S401	-M	-BLK
S401	-M 12V Halogen MR16, 75W Max	-BLK Black
	-X 20W CMH MR16	-BZP Bronze
	-X3 39W CMH MR16	

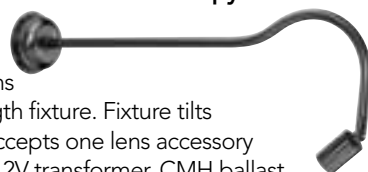


LED Version

Model	Lamp/Watts	Beam Spread	Hardware Finish	Voltage
S401L2	-2K	-SP	-BLK	-1
S401L2	-2K 2700K	-SP Spot	-BLK Black	-1 120VAC
	-3K 3000K	-NFL Narrow Flood	-BZP Bronze	-2 277VAC
	-4K 4100K	-FL Flood		
		-WFL Wide Flood		

S311 36" Shepherd Hook – Domed Canopy

Domed Canopy design for J-Box mounting. Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only. HID and halogen fixtures operate on 120V only. LED fixtures operate on 120-277V.



Ordering Information Example: S311L2-2K-SP-BLK

Model	Lamp/Watts	Hardware Finish
S311	-M	-BLK
S311	-M 12V Halogen MR16, 75W Max	-BLK Black
	-X 20W CMH MR16	-BZP Bronze
	-X3 39W CMH MR16	

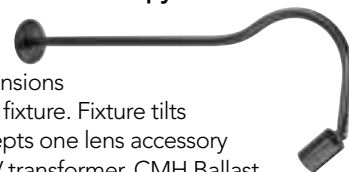


LED Version

Model	Lamp/Watts	Beam Spread	Hardware Finish
S311L2	-2K	-SP	-BLK
S311L2	-2K 2700K	-SP Spot	-BLK Black
	-3K 3000K	-NFL Narrow Flood	-BZP Bronze
	-4K 4100K	-FL Flood	
		-WFL Wide Flood	

S411 36" Shepherd Hook – Flat Canopy

Flat Canopy design for remote mounted power supply. Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH Ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only. HID and halogen fixtures operate on 120V only.



Ordering Information Example: S411L2-2K-SP-BLK-1

Model	Lamp/Watts	Hardware Finish
S411	-M	-BLK
S411	-M 12V Halogen MR16, 75W Max	-BLK Black
	-X 20W CMH MR16	-BZP Bronze
	-X3 39W CMH MR16	



LED Version

Model	Lamp/Watts	Beam Spread	Hardware Finish	Voltage
S411L2	-2K	-SP	-BLK	-1
S411L2	-2K 2700K	-SP Spot	-BLK Black	-1 120VAC
	-3K 3000K	-NFL Narrow Flood	-BZP Bronze	-2 277VAC
	-4K 4100K	-FL Flood		
		-WFL Wide Flood		

ENERGY EFFICIENT LED and CMH only.




Sign Lighters

S312 36" Dual Head Shepherd Hook – Domed Canopy

Domed Canopy design for J-Box mounting.

Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only. HID and halogen fixtures operate on 120V only. LED fixtures operate on 120-277V.

**Ordering Information** Example: S312L2-2K-SP-BLK

Model	Lamp/Watts	Hardware Finish
S312	-M	-BLK
S312	- M 12V Halogen MR16, 75W Max	- BLK Black
	- X 20W CMH MR16	- BZP Bronze
	- X3 39W CMH MR16	

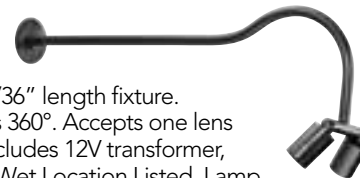
LED Version


Model	Lamp/Watts	Beam Spread	Hardware Finish
S312L2	-2K	-SP	-BLK
S312L2	- 2K 2700K	- SP Spot	- BLK Black
	- 3K 3000K	- NFL Narrow Flood	- BZP Bronze
	- 4K 4100K	- FL Flood	
		- WFL Wide Flood	

S412 Dual Head 36" Shepherd Hook – Flat Canopy

Flat Canopy design for remote mounted power supply.

Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH Ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only. HID and halogen fixtures operate on 120V only.

**Ordering Information** Example: S412L2-2K-SP-BLK-1

Model	Lamp/Watts	Hardware Finish
S412	-M	-BLK
S412	- M 12V Halogen MR16, 75W Max	- BLK Black
	- X 20W CMH MR16	- BZP Bronze
	- X3 39W CMH MR16	

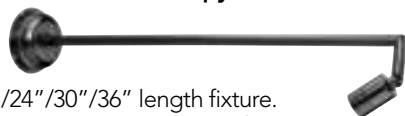
LED Version


Model	Lamp/Watts	Beam Spread	Hardware Finish	Voltage
S412L2	-2K	-SP	-BLK	-1
S412L2	- 2K 2700K	- SP Spot	- BLK Black	- 1 120VAC
	- 3K 3000K	- NFL Narrow Flood	- BZP Bronze	- 2 277VAC
	- 4K 4100K	- FL Flood		
		- WFL Wide Flood		

S313 36" Straight Arm – Domed Canopy

Domed Canopy design for J-Box mounting. Complete with extensions for 18"/24"/30"/36" length fixture.

Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only. HID and halogen fixtures operate on 120V only. LED fixtures operate on 120-277V.

**Ordering Information** Example: S313L2-2K-SP-BLK

Model	Lamp/Watts	Hardware Finish
S313	-M	-BLK
S313	- M 12V Halogen MR16, 75W Max	- BLK Black
	- X 20W CMH MR16	- BZP Bronze
	- X3 39W CMH MR16	

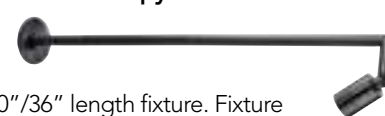
LED Version


Model	Lamp/Watts	Beam Spread	Hardware Finish
S313L2	-2K	-SP	-BLK
S313L2	- 2K 2700K	- SP Spot	- BLK Black
	- 3K 3000K	- NFL Narrow Flood	- BZP Bronze
	- 4K 4100K	- FL Flood	
		- WFL Wide Flood	

S413 36" Straight Arm – Flat Canopy

Flat Canopy design for remote mounted power supply.

Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH Ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only. HID and halogen fixtures operate on 120V only.

**Ordering Information** Example: S413L2-2K-SP-BLK-1

Model	Lamp/Watts	Hardware Finish
S413	-M	-BLK
S413	- M 12V Halogen MR16, 75W Max	- BLK Black
	- X 20W CMH MR16	- BZP Bronze
	- X3 39W CMH MR16	

LED Version

Model	Lamp/Watts	Beam Spread	Hardware Finish	Voltage
S413L2	-2K	-SP	-BLK	-1
S413L2	- 2K 2700K	- SP Spot	- BLK Black	- 1 120VAC
	- 3K 3000K	- NFL Narrow Flood	- BZP Bronze	- 2 277VAC
	- 4K 4100K	- FL Flood		
		- WFL Wide Flood		

ENERGY EFFICIENT LED and CMH only.



Sign Lighters

S314 36" Dual Head Straight Arm – Domed Canopy

Domed Canopy design for J-Box mounting.

Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only. HID and halogen fixtures operate on 120V only. LED fixtures operate in 120-277V.

**Ordering Information** Example: **S314L2-2K-SP-BLK**

Model	Lamp/Watts	Hardware Finish
S314	-M	-BLK-
S314	- M 12V Halogen MR16, 75W Max	- BLK Black
	● - 3 20W CMH MR16	- BZP Bronze
	● - 3 39W CMH MR16	

LED Version

Model	Lamp/Watts	Beam Spread	Hardware Finish
S314L2	-2K	-SP	-BLK
S314L2	● - 2K 2700K	- SP Spot	- BLK Black
	● - 3K 3000K	- NFL Narrow Flood	- BZP Bronze
	● - 4K 4100K	- FL Flood	
		- WFL Wide Flood	

S414 36" Dual Head Straight Arm – Flat Canopy

Flat Canopy design for remote mounted power supply. Complete with

extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH Ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only. HID and halogen fixtures operate on 120V only.

**Ordering Information** Example: **S414L2-2K-SP-BLK-1**

Model	Lamp/Watts	Hardware Finish
S414	-M	-BLK
S414	- M 12V Halogen MR16, 75W Max	- BLK Black
	● - X 20W CMH MR16	- BZP Bronze
	● - X3 39W CMH MR16	

LED Version

Model	Lamp/Watts	Beam Spread	Hardware Finish	Voltage
S414L2	-2K	-SP	-BLK	-1
S414L2	● - 2K 2700K	- SP Spot	- BLK Black	- 1 120VAC
	● - 3K 3000K	- NFL Narrow Flood	- BZP Bronze	- 2 277VAC
	● - 4K 4100K	- FL Flood		
		- WFL Wide Flood		

● **ENERGY EFFICIENT** LED and CMH only.

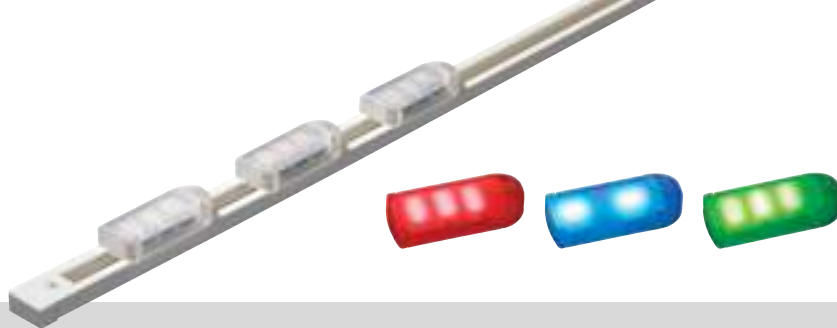




Juno® Trac Lighting

The award-winning family of Juno trac lighting systems provides a multitude of options for illuminating homes, offices, retail stores, hospitality establishments, and commercial facilities. Six distinct trac systems include literally thousands of products designed for optimum performance, whether the challenge is display, task, accent, or architectural lighting. Thanks to creative engineering, Juno trac systems perform at the highest levels of lighting effectiveness, energy efficiency, and operating economy. LED fixtures lead the way in every category, while alternative light sources including CMH and halogen assure that there is an answer for every need and budget.





LED ... on-track with today's most advanced lighting technology

Juno® trac systems offer an ever-expanding range of LED luminaires across all its platforms. From trac heads, to linear lighting modules, to decorative pendants, Juno Lighting Group's LED product-development team has harnessed the very latest technologies to take full advantage of LED's spectacular benefits. Juno LED trac lights produce high-quality light, consume just one-fifth the energy of halogen, and last up to 20-times longer. They save energy, help save the environment, and facilitate compliance with today's stringent energy codes.

Juno Cylindra™ and Conix® II LED Trac Lights are contemporary yet timeless classics. They produce spot, narrow flood, or wide flood illumination using just a fraction of the energy of halogen. The go-to choice for retail display lighting.

Juno Arc™ LED Trac Lights employ a distinctive aesthetic and a unique optical system to deliver powerful illumination, while using far less energy than equivalent halogen.

Juno Trac 12™ LED Modules mount on the low-profile Trac 12 system for high-performance linear lighting and consume just 15% of the energy of equivalent xenon. In addition to the standard modules, exclusive WarmDim® modules that simulate the warm glow of incandescent dimming are also available, as are modules featuring blue, green, or red LEDs.

Juno Mini LED Mini-Cylinders and Directionals are no bigger than the palm of your hand, but produce big-time illumination and energy savings. Ideal for residential and retail accent lighting in confined quarters.

Juno LED Decorative Pendants provide energy-efficient illumination for counters and tabletops. From artisan-crafted glass to the simplicity of lustrous metal, these striking pendant designs integrate beautifully with any décor.

Masters in the art of trac lighting

The Juno brand offers a dazzling array of trac systems, fixture/light-source combinations, and accessories. Every product is designed to deliver optimum performance, reliability, and efficiency. And with complete fixture families available across all systems, a homogeneous ceiling appearance is easily achieved.

Trac-Master® is the workhorse of the Juno trac system family, featuring the largest selection of fixtures, light sources, accessories, and options. Line voltage or low voltage, Trac-Master has it all, does it all.

Trac-Lites™ is an economical system, offering an assortment of traditional fixture styles and a variety of line voltage and low voltage kits. Trac-Lites trac is fully compatible with Trac-Master fixtures; likewise, Trac-Lites fixtures can be used on Trac-Master trac.

HD Commercial Trac Lighting is a 2-circuit/2-neutral system that is ideal for dimming-intensive applications or where grid layouts or more robust trac systems are desired. It is available for either 120V or 277V operating environments.

MonoLine® is a line voltage system with an artistic bent that can be hand-shaped to follow curved walls or architectural features. MonoLine offers a stunning fixture collection and can also accept a variety of Juno low voltage fixtures and decorative pendants via the Quick Jack Transformer Adapter.

Trac 12™ is a miniaturized, low voltage system that goes where no other trac system can. It provides accent lighting in cramped quarters, or fits easily into casework, coves, or displays to create linear lighting effects. Trac12/25 is the rigid profile, higher amperage, low voltage system which is ideal for suspended applications.

Flex 12™ is an elegant, low voltage monorail system that can be hand-bent into shapely curves, lending an artistic flavor to any environment. Easy to order and install.

Trac-Master®

Multi-Lamp

Page 877



Uno/Duo™ Halogen PAR30

Page 878



Uno/Duo™ Halogen MR16

LED Series

LED PRODUCT

Page 880



LED Conix® II

LED PRODUCT

Page 885



LED Conix®

LED PRODUCT

Page 886



LED Cylindra™

LED PRODUCT

Page 889



LED Flat Back Cylinder

LED PRODUCT

Page 890



LED Arc™

LED PRODUCT

Page 893



LED Wall Wash/Floods

LED PRODUCT

Page 896



Quick Jack LED
Mini-Cylinder Spotlight

LED PRODUCT

Page 896



Quick Jack LED
Directionals

LED PRODUCT

Page 897



Quick Jack LED Mini-Cylinder
Display/Picture Lights

Page 898



Quick Jack Power Clamp

LED PRODUCT

Page 899



MR16 LED-Compatible
Lampholders

LED PRODUCT

Page 902



LED Die-Cast Gimbal
Ring Lampholders

Trac-Master®

Ceramic Metal Halide Series

Page 904



MH_V™ Cylindra™

Page 909



MH_V™ Conix®

Page 912



MH_V™ Concentric Cylinder

Page 914



MH_V™ Pro-Gimbal

Page 914



MH_V™ Universal

Page 915



MH_V™ Mini
Wall Wash/Flood

Page 916



MH₂™ Cylindra™

Page 918



MH₂™ Conix®

Page 919



MH₂™ Wall Wash/Flood

Page 920



MH₂™ Pendants

Page 921



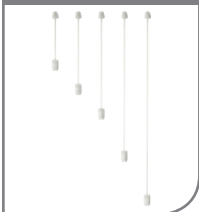
MH₂™ Ballasts

Page 922



MH₂™ Monopoints

Page 923



MH₂™ Extension Wands

Fluorescent Wall Wash

Page 924



Biax® Wall Wash

Page 925



T5HO Wall Wash

Trac-Master®

Professional Halogen Series

Page 928



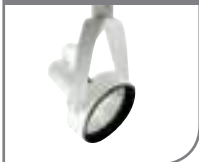
Professional Halogen
Cylindra™

Page 929



Professional Halogen
Conix®

Page 931



Professional Halogen
Pro-Gimbal

Page 932

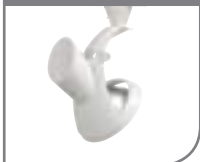


Professional Halogen
Die-Cast Gimbal Ring

LED PRODUCT

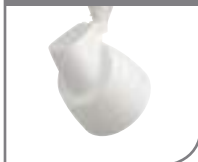
Designer Series

Page 934



Mamba®

Page 935



Facet®

Page 936



Cubix®

Page 937



Trapezia™

Page 938



Gyrus™

Page 940



Wishbones

Page 942



Wireforms®

Page 944



Delta 200 Series®

Page 946



Flybacks

Page 947



Close-Ups

Page 948



Studio II

Page 950



Studio I

Page 951



Theatrical Lights

Trac-Master® Classic Series

Page 952



Open Back Gimbals

Page 953



Front Lamping Gimbals

Page 954



Universals

Page 956



Mini-PARs

Page 957



Flat Back Cylinders

Page 959



Round Back Cylinders

Page 960



Step Cylinders

Page 961



Halogen Flood

Page 962



RLMs

Low Voltage

LED PRODUCT

Page 964



MR16 LED-Compatible

Page 966



Mamba®

Page 966



Facet®

Page 966



Cubix®

Page 967



Cylindra™

Page 968



Slants

Page 970



Uno/Duo™

Page 972



Trapezia™

Page 972



Gyrus™

Page 973



Conix®

Trac-Master®

Low Voltage (cont)

Page 974



Wishbones

Page 975



Delta 200 Series®

Page 975



Studio II

Page 976



Wireforms®

Page 977



Flyback

Page 977



Universal

Page 978



MR16 Gimbal Rings

Page 978



PAR36 Gimbal Ring

Page 979



Notch Backs

Page 980



Cast 16°

Page 980



Mini-Round Back

Page 981



Theatrical Light

Page 982



Framing Projector

Page 983



Studio I w/Integral
Magnetic Transformer

Page 983



Flat Back Cylinder
w/Integral Magnetic
Transformer

Trac System Components

Page 983



Cast 16° Cylinder
w/Integral Magnetic
Transformer

Page 984



One-Circuit System

Page 990



Two-Circuit System

Page 996

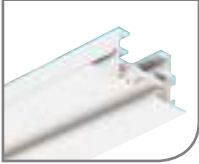


Trac Tube System

Trac-Master®

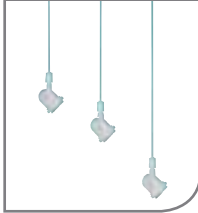
Trac System Components (cont)

Page 999



Recessed System

Page 1000



Extension Wands

Page 1000



Fixture Slope
Ceiling Adapter

Page 1001



Monopoints

Page 1003



Special Mountings

Accessories

Page 1004



Low Voltage
Transformers

Page 1005



Current Limiting
Subpanel

Page 1007



Current Limiting
Feeds

Page 1010



Light Control
Accessories

Trac-Lites™

LED

LED PRODUCT

Page 1014



R600L Series

Low Voltage Halogen Spotlights

Page 1015



Rocket

Page 1015



Odyssey

Page 1016



Flare

Trac-Lites™

Low Voltage Halogen Spotlights (cont)

Page 1016



Bell

Page 1016



Funnel

Page 1016



Step Glass

Page 1017



Barn Doors

Page 1017



Trumpet

Page 1017



Cylinder

Page 1017



Round Back

Page 1018



Gimbal Ring

Page 1018



Pinchback

Page 1018



Cast Cube

Line Voltage Spotlights

Page 1019



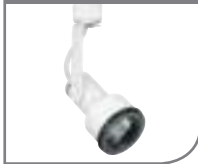
Open Back Spotlight

Page 1019



Round Back Cylinder

Page 1019



Step Cylinder

Page 1019



Cast Cube

Page 1020



Flare

Page 1020



Glass Cone

Page 1020



Odyssey

Page 1020



Bell

Page 1021



Universal

Page 1021



Flared Gimbals

Trac-Lites™ Line Voltage Spotlights (cont)

Page 1022



Flared Steps

Page 1023



Round Back Cylinders

Page 1023



Flat Back Cylinders

Page 1024



Step Cylinders

Page 1024



Open Back Spotlights

Decorative Pendants

Page 1025



Line Voltage Cone

Page 1026



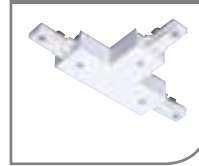
Trac Sections

Page 1026



Electrical Feeds

Page 1028



Connectors

Page 1029



Current Limiting Feeds

Page 1030



Current Limiting
Pendant Stem Kits

Page 1031



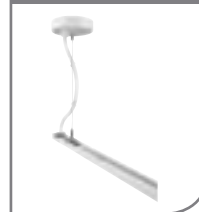
Mounting Accessories

Page 1032



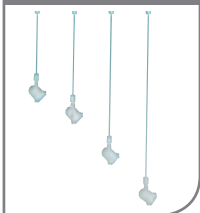
Monopoints

Page 1032



Cable Suspension Kit

Page 1033



Extension Wands

Page 1033



Special Mounting
Accessories

Trac-Lites™

Kits

Page 1034



Trac Kits

Page 1034



Light Bar Kits

Accessories

Page 1035



Light Control
Accessories

MonoLine®

LED Directionals

LED PRODUCT

Page 1037



LED Conix® II

LED PRODUCT

Page 1038



LED Cylindra™

LED PRODUCT

Page 1038



LED Wall Wash/Flood

LED PRODUCT

Page 1039



LED Flat Back Cylinder

LED PRODUCT

Page 1040



Monoline® Arc

MonoLine®

LED Directionals (cont)

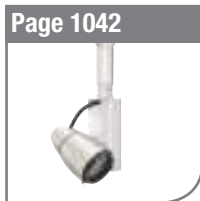


Quick Jack LED
Mini-Cylinder Spotlight



Quick Jack LED
Spotlight

Commercial Directionals



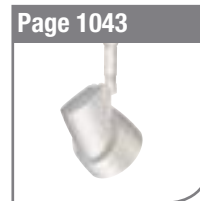
Ceramic Metal Halide
Conix®



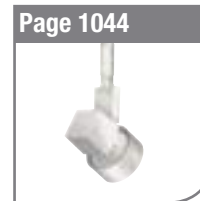
PAR Halogen
Pro Gimbal



PAR Halogen
Conix®



PAR Halogen
Facet®



PAR Halogen
Cubix®



T5H0 Wall Wash

Designer Directionals



GU10 MR16

MonoLine® Systems

Page 1046



Trac Sections

Page 1047



Joiners

Page 1048



Supports

Page 1050



Power Feeds

Page 1051



Transformer Adapters

Page 1051



Extensions

Page 1051



Bending Machine

Page 1052



Starter Kits

Page 1053



Complete Kits

Commercial Directionals Accessories

Page 1054



Light Control
Accessories

HD Commercial Trac

120V TEK Trac System Components

Page 1056



Trac Sections

Page 1057



Connectors

Page 1058



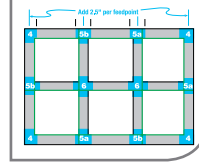
Accessories

Page 1059



Compatible Fixtures

Page 1060



Trac Configurations

277V HTEK Trac System Components

Page 1061



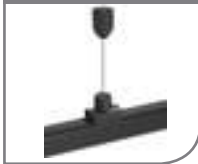
Trac Sections

Page 1062



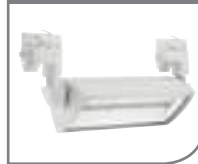
Connectors

Page 1063



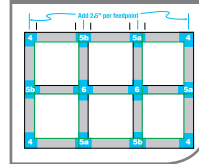
Accessories

Page 1064



Compatible Fixtures

Page 1065



Trac Configurations

Trac 12™

Linear Lighting Lampholders

LED PRODUCT

Page 1066



WarmDim® LED Modules

LED PRODUCT

Page 1067



Low Power LED Modules

LED PRODUCT

Page 1067



Color LED Modules

Trac 12™

Linear Lighting Lampholders (cont)

Page 1068



Wedge Base Lampholders

Page 1068



Rigid Loop Lampholder

Page 1068



Festoon Lampholder

LED PRODUCT

Page 1069



LED Mini-Flood

Page 1069



Halogen Flood

LED Spotlights

LED PRODUCT

Page 1071



LED Mini-Cylinder

LED PRODUCT

Page 1072



LED Cylindra™

LED PRODUCT

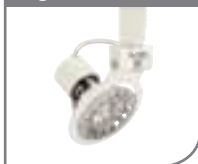
Page 1073



LED Conix® II

LED PRODUCT

Page 1074



MR16 LED-Compatible

MR11 Lampholders

Page 1075



Mini Gimbal Ring

Page 1075



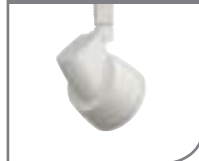
Suspended Cylinder

Page 1076



Mamba®

Page 1076



Facet®

MR16 Lampholders

Page 1076



Cubix®

Page 1077



Cylindra™

Page 1077



Conix®

Page 1077



Slant Cylinder

Page 1078

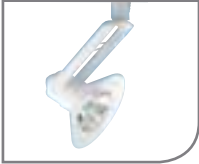


Delta 200 Series®

Trac 12™

MR16 Lampholders (cont)

Page 1078



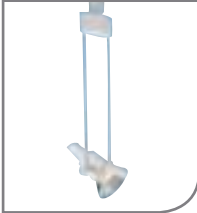
Flyback

Page 1078



Studio II

Page 1079



Trapezia™

Page 1079



Gyrus™

Page 1079



Universal

System Components

Page 1080



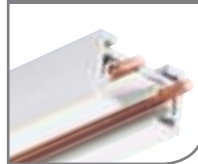
Notch Back

Page 1080



Gimbal Rings

Page 1082



Trac 12/25 Low Voltage
Trac System

Page 1085



Trac 12™ Low Voltage
Trac System

Page 1087



Electronic Transformers

Page 1089



Remote Mount Magnetic
Transformers

Page 1090



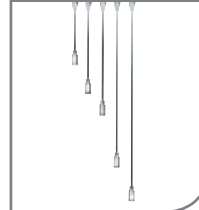
Surface Mount
Transformers

Page 1090



Pendant Stem Mount
Transformers

Page 1091



Extension Wands

Accessories

Applications

Page 1091



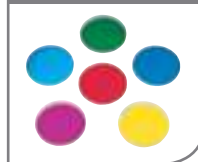
Quick Jack Adapter

Page 1092



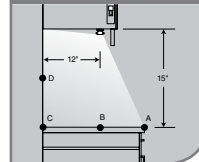
Monopoints

Page 1094



Light Control
Accessories

Page 1095



Cabinetry and Cove
Lighting Guidelines
LED or Halogen

Flex 12™

LED Spotlights

LED PRODUCT

Page 1099



LED Mini-Cylinder

LED PRODUCT

Page 1100



LED Cylindra™

LED PRODUCT

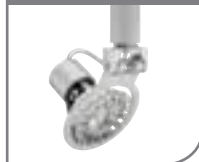
Page 1101



LED Conix® II

LED PRODUCT

Page 1102



MR16 LED-Compatible

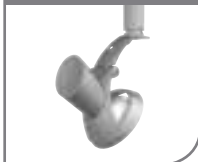
MR16 Lampholders

Page 1103



Facet®

Page 1103



Mamba®

Page 1104



Cylindra™

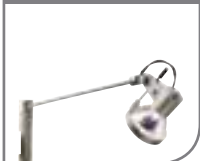
Page 1104



Gyrus™

Lampholders

Page 1105



Delta 200 Series®

Page 1106



Geometrics

Page 1106



Gimbal Ring

Page 1107



Trapezia™

Page 1107

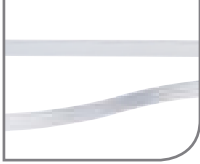


Universal and
Accessory Scoops

Flex 12™

System Components

Page 1108



Flex 12™ Trac System

Page 1113



Monopoints

Page 1113



Surface Mount
Transformers

Page 1115



Remote Mount Magnetic
Transformers

Accessories

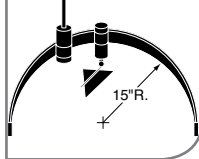
Page 1116



Light Control
Accessories

Applications

Page 1117



Layout and Installation
Guidelines

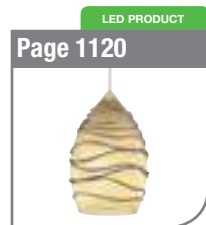
Page 1117



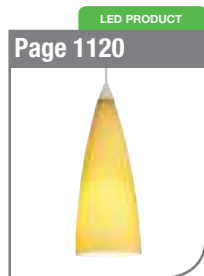
Portable Trac
Bending Machine

Decorative Pendants

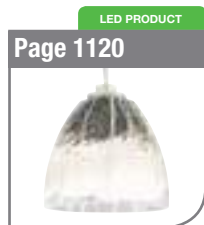
Contemporary



Low Voltage 12V Dolce



Low Voltage 12V Tall Dome



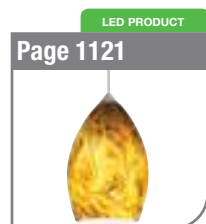
Low Voltage 12V Fargo



Low Voltage 12V
Onyx Dome



Low Voltage 12V
Medium Dome



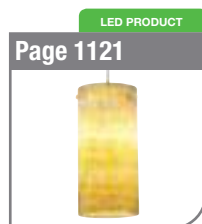
Low Voltage 12V Tear Drop



Low Voltage 12V Charlotte



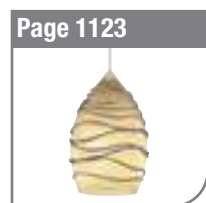
Low Voltage 12V
Long Cone



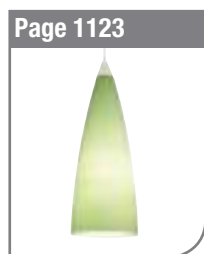
Low Voltage 12V
Onyx Medium Cylinder



Low Voltage 12V Tubes



Line Voltage 120V Dolce



Line Voltage 120V
Tall Dome



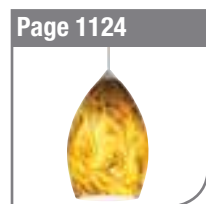
Line Voltage 120V Fargo



Line Voltage 120V
Onyx Dome



Line Voltage 120V
Medium Dome



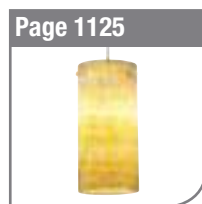
Line Voltage 120V
Tear Drop



Line Voltage 120V
Charlotte



Line Voltage 120V
Long Cone



Line Voltage 120V
Onyx Medium Cylinder



Line Voltage 120V Tubes

Decorative Pendants

Classic

Page 1127



Low Voltage Short Cone - Glass or Metal

Page 1127



Low Voltage Tall Cone - Glass

Page 1127



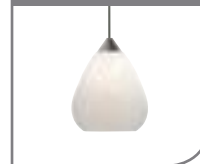
Low Voltage Flute - Glass or Metal

Page 1128



Low Voltage Wrap

Page 1128



Low Voltage Teardrop - Glass

Page 1128



Low Voltage Ellipse - Glass

Page 1129



Low Voltage Cylinder - Glass

Page 1129



Low Voltage RLM - Glass

Page 1129



Low Voltage Disc

LED PRODUCT

Page 1130



LED Pendant Cordsets

LED PRODUCT

Page 1130



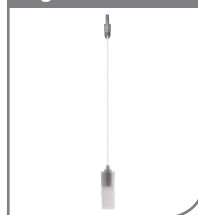
LED Quick Jack Pendant Cordsets

Page 1131



Halogen Pendants Cordsets

Page 1131



Halogen Quick Jack Pendant Cordsets

Page 1132



Quick Jack Monopoints

LED PRODUCT

Page 1132



LED-Compatible Quick Jack Monopoint

LED PRODUCT

Page 1133



LED-Compatible Flat Quick Jack Monopoint

LED PRODUCT

Page 1134



Pendant Kits

Mini-Pendants

LED PRODUCT

Page 1135



LED Mini-Pendants



Uno/Duo™ – Open PAR30

The concentric gimbal rings springing off the bottom edge of the chiseled monolith is a perfect example of “form follows function” in design. The monolith remains perfectly aligned with the trac while the gimbal ring mechanisms are free to provide broad aiming capability. On PAR30 versions, the monolith simply provides the pivot point for the gimbal rings and maintains a consistent appearance with the MR16 low voltage version.



Catalog

T831WH
T831BL
T831SL

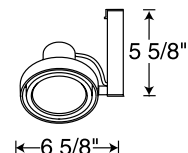
Finish

White
Black
Silver

Lamp

One 35-75W PAR30

Dimensions



Catalog

T832WH
T832BL
T832SL

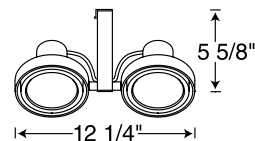
Finish

White
Black
Silver

Lamp

Two 35-75W PAR30

Dimensions



Catalog

T834WH
T834BL
T834SL

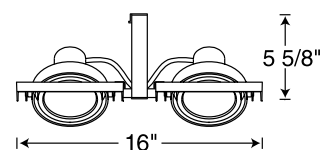
Finish

White
Black
Silver

Lamp

Two 35-75W PAR30

Dimensions



Uno/Duo™ – Open MR16

The concentric gimbal rings springing off the bottom edge of the chiseled monolith is a perfect example of “form follows function” in design. The monolith remains perfectly aligned with the trac while the gimbal ring mechanisms are free to provide broad aiming capability. On MR16 versions, the integral transformer is cleverly concealed in the monolith.



Integral 12V Electronic Transformer

Catalog

T811WH
T811BL
T811SL

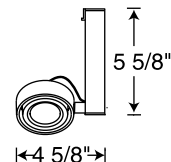
Finish

White
Black
Silver

Lamp

One 12V, 20-75W MR16

Dimensions



Integral 12V Electronic Transformer

Catalog

T812WH
T812BL
T812SL

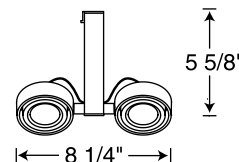
Finish

White
Black
Silver

Lamp

Two 12V, 20-50W MR16

Dimensions



Light Control Accessories

For Fixtures: T811, T812

Color Filters	T741-6
Dichroic Lenses	T7401-18
Diffuse Spread Lens	T7420
Uniformity Lens	T7421
UV Filter	T7422
Prismatic Spread Lens	T7477
Linear Spread Lens	T7478
Hexcell Louver	T7459BL

Note: Accepts up to two 2" accessories.

Uno/Duo™ – Enclosed MR16

The concentric gimbal rings springing off the bottom edge of the chiseled monolith is a perfect example of “form follows function” in design. The monolith remains perfectly aligned with the trac while the gimbal ring mechanisms are free to provide broad aiming capability. On MR16 versions, the integral transformer is cleverly concealed in the monolith. The Uno/Duo – Enclosed Series provides optimal lamp shielding, eliminating the stray backlight effect from the lamps.



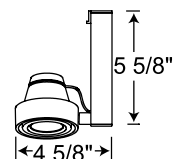
Integral 12V Electronic Transformer

Catalog #
T816WH
T816BL
T816SL

Finish
 White
 Black
 Silver

Lamp
 One 12V, 20-50W MR16

Dimensions



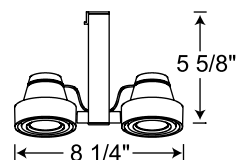
Integral 12V Electronic Transformer

Catalog #
T817WH
T817BL
T817SL

Finish
 White
 Black
 Silver

Lamp
 Two 12V, 20-50W MR16

Dimensions



Light Control Accessories

For Fixtures: **T816, T817**

Color Filters	T741-6
Dichroic Lenses	T7401-18
Diffuse Spread Lens	T7420
Uniformity Lens	T7421
UV Filter	T7422
Prismatic Spread Lens	T7477
Linear Spread Lens	T7478
Hexcell Louver	T7459BL

Note: Accepts up to two 2" accessories.



Trac-Master® | LED Series

16W Conix® II LED

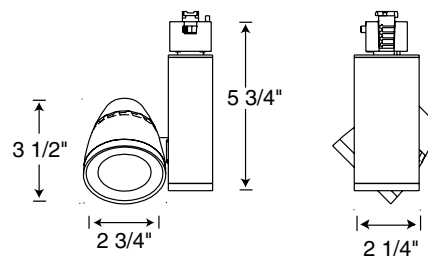


Conix® II T261LG2

The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. The 16W Conix II LED fixtures have integral TIR optics which enable uniform spot, flood, narrow flood or wide flood distributions to be achieved. These lampholders have an integral, bayonet mount accessory holder that accommodates one accessory if desired. The 16W Conix II LED can deliver up to 1079 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light 16W Conix II LED is compatible with all Juno line voltage trac and standard adapter accessories. Standard fixture is dimming-compatible.



Dimensions



Ordering Information

Examples: **T261LG2-27HCSWH**, **T261LG2-27NBL**

Series	Color Temperature	Color Rendering Index	Beam Spread	Finish
T261LG2	27	HC	S	WH
T261LG2 16W Conix II LED	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	Blank - 85 CRI Typical HC - 93 CRI Typical (3000K only)	S - Spot N - Narrow Flood F - Flood W - Wide Flood	BL - Black SL - Silver WH - White

Accessories

For Fixture:	T261LG2
Color Filters	T741-6
Dichroic Filters	T7401-18
Diffusion Lens	T7420
Uniformity Lens	T7421
UV Filter	T7422
Prismatic Spread Lens	T7477
Linear Spread Lens	T7478
Hexcell Louver	T7459BL
TIR Optic - Spot	TIR-1-SP
TIR Optic - Narrow Flood	TIR-1-NFL
TIR Optic - Flood	TIR-1-FL
TIR Optic - Wide Flood	TIR-1-WFL

Note: Wide flood versions do not accept accessories.



Trac-Master® | LED Series

24W Conix® II LED

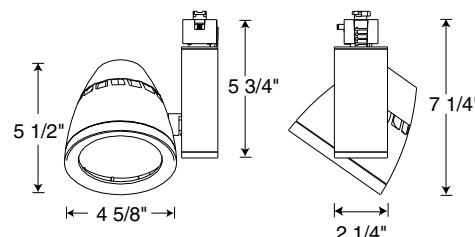


Conix® II T262L

The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. The 24W Conix II LED fixtures have integral reflectors which enable uniform spot, flood or narrow flood distributions to be achieved. These lampholders have an integral, bayonet mount accessory holder that accommodates up to two accessories if desired in place of the clear glass lens provided. The 24W Conix II LED can deliver up to 1457 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light 24W Conix II LED is compatible with all Juno line voltage trac and standard adapter accessories.



Dimensions



Ordering Information

Examples: **T262L-27K-HC-S-WH**, **T262L-3D-N-BL**

Series	Color Temperature	Dimming Compatibility	Color Rendering Index	Beam Spread	Finish
T262L	27	K	HC	S	WH
T262L 24W Conix II LED	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	D - Dimmable K - Not Dimmable	Blank - 80 CRI Minimum HC ¹ - 90 CRI Minimum	S - Spot N - Narrow Flood F - Flood	BL - Black SL - Silver WH - White

Accessories

For Fixture:	T262L
Color Filters	T561-6
Dichroic Filters	T5601-18
Diffusion Lens	T5620
Uniformity Lens	T5621
UV Filter	T5622
Prismatic Spread Lens	T5677
Linear Spread Lens	T5678
Cube Cell Louver	T569BL
Reflector - Spot	TR3-CL-SP
Reflector - Narrow Flood	TR3-CL-NFL
Reflector - Flood	TR3-CL-FL



Trac-Master® | LED Series

27W Conix® II LED

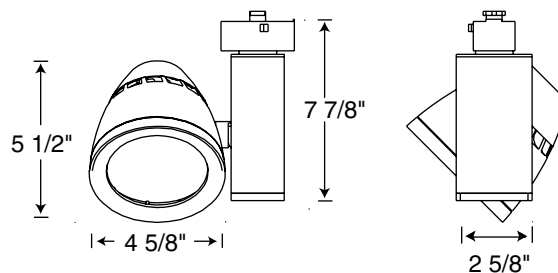


Conix® II T263LG2

The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. The 27W Conix II LED fixtures have integral reflectors which enable uniform spot, flood or narrow flood distributions to be achieved. These lampholders have an integral, bayonet mount accessory holder that accommodates up to two accessories if desired in place of the clear glass lens provided. The 27W Conix II LED can deliver up to 2000 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light 27W Conix II LED is compatible with all Juno line voltage trac and wide adapter accessories. Standard fixture is dimming-compatible.



Dimensions



Ordering Information

Examples: **T263LG2-27HCSWH, T263LG2-3NBL**

Series	Color Temperature	Color Rendering Index	Beam Spread	Finish
T263LG2	27	HC	S	WH
T263LG2 27W Conix II LED	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	Blank - 80 CRI Minimum HC - 90 CRI Minimum	S - Spot N - Narrow Flood F - Flood	BL - Black SL - Silver WH - White

Accessories

For Fixture:	T263LG2
Color Filters	T561-6
Dichroic Filters	T5601-18
Diffusion Lens	T5620
Uniformity Lens	T5621
UV Filter	T5622
Prismatic Spread Lens	T5677
Linear Spread Lens	T5678
Cube Cell Louver	T569BL
Reflector - Spot	TR3-CL-SP
Reflector - Narrow Flood	TR3-CL-NFL
Reflector - Flood	TR3-CL-FL





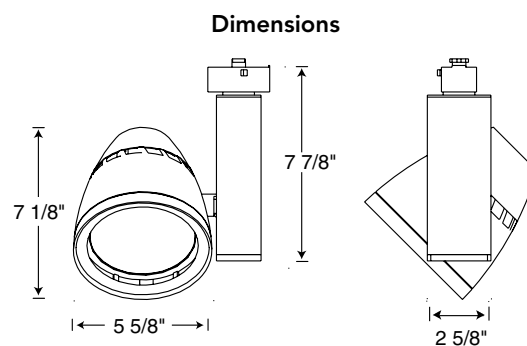
Trac-Master® | LED Series

36W Conix® II LED



Conix® II T265LG2

The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. The 36W Conix II LED fixtures have integral reflectors which enable uniform spot, flood or narrow flood distributions to be achieved. These lampholders have an integral, bayonet mount accessory holder that accommodates up to two accessories if desired in place of the clear glass lens provided. The 36W Conix II LED can deliver up to 3487 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light 36W Conix II LED is compatible with all Juno line voltage trac and wide adapter accessories. Standard fixture is dimming-compatible.



Ordering Information

Examples: **T265LG2-27HCSWH, T265LG2-3SBL**

Series	Color Temperature	Color Rendering Index	Beam Spread	Finish
T265LG2	27	HC	S	WH
T265LG2 36W Conix II LED	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	Blank - 80 CRI Minimum HC - 90 CRI Minimum	S - Spot N - Narrow Flood F - Flood	BL - Black SL - Silver WH - White

Accessories

For Fixture:	T265LG2
Color Filters	T571-6
Dichroic Filters	T5701-18
Diffusion Lens	T5720
Uniformity Lens	T5721
UV Filter	T5722
Prismatic Spread Lens	T5777
Linear Spread Lens	T5778
Cube Cell Louver	T579BL
Reflector - Spot	TR1-CL-SP
Reflector - Narrow Flood	TR1-CL-NFL
Reflector - Flood	TR4-CL-FL



Trac-Master® | LED Series

64W Conix® II LED

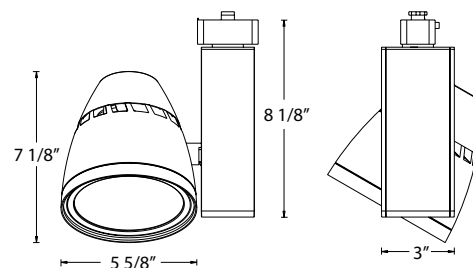


Conix® II T267L

The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. The 64W Conix II LED fixtures have integral reflectors which enable uniform spot, flood or narrow flood distributions to be achieved. These lampholders have an integral, bayonet mount accessory holder that accommodates up to two accessories if desired in place of the clear glass lens provided. The 64W Conix II LED can deliver up to 4343 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light 64W Conix II LED is compatible with all Juno line voltage trac and wide adapter accessories.



Dimensions



Ordering Information

Examples: **T267L-27K-HC-S-WH**, **T267L-3K-N-BL**

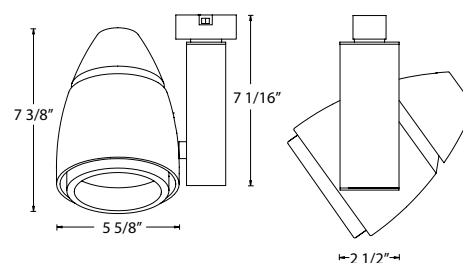
Series	Color Temperature	Dimming Compatibility	Coloring Rendering Index	Beam Spread	Finish
T267L	27	K	HC	S	WH
T267L 64W Conix II LED	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	K - Not Dimmable	Blank - 80 CRI Minimum HC ¹ - 90 CRI Minimum ¹ 2700K & 3000K only	S - Spot N - Narrow Flood F - Flood	BL - Black SL - Silver WH - White

Accessories

For Fixture:	T267L
Color Filters	T571-6
Dichroic Filters	T5701-18
Diffusion Lens	T5720
Uniformity Lens	T5721
UV Filter	T5722
Prismatic Spread Lens	T5777
Linear Spread Lens	T5778
Cube Cell Louver	T579BL
Reflector - Spot	TR1-CL-SP
Reflector - Narrow Flood	TR1-CL-NFL
Reflector - Flood	TR4-CL-FL


Conix® T209LG2

The sleek sculpted aesthetic of the Conix LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. Conix LED fixtures have integral reflectors which enable uniform spot, flood or narrow flood distributions to be achieved. These lampholders have integral snap-in accessory holders that can accommodate one accessory in place of the clear glass lens provided. The Conix 19W LED delivers up to 1955 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures in 80 or 90 CRI, the white-light Conix LED is compatible with all Juno line voltage trac and monopoints. All fixture versions may be dimmed with a wide variety of reverse phase electronic low voltage (ELV) dimmers approved by Juno – see specification sheet for a list of approved dimmers or contact factory to confirm compatibility with a desired dimmer.


Dimensions

Ordering Information

 Examples: **T209LG2-27SWH, T209LG2-3HCNSL**

Series	Color Temperature	Color Rendering Index	Beam Spread	Finish
T209LG2	27	HC	S	WH
T209LG2 19W Conix LED	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	Blank - 80 CRI Minimum HC - 90 CRI Minimum	S - Spot N - Narrow Flood F - Flood	BL - Black SL - Silver WH - White

Accessories

For Fixture:	T209LG2
Dichroic Filters	T5701-18
UV Filter	T5722
Cube Cell Louver	T579BL
Reflector - Spot	TR8-CL-SP
Reflector - Narrow Flood	TR8-CL-NFL
Reflector - Flood	TR8-CL-FL



Trac-Master® | LED Series

Cylindra™ 18W LED

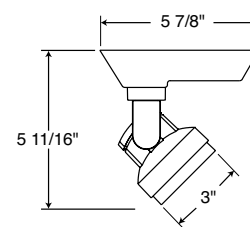


Cylindra™ T252L

The Cylindra 18W LED approximates the light output and distribution of 75W MR16 halogen lamps, utilizing less than 1/4 of the energy and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a typical 85 CRI. An optional high CRI version is available in 3000K with a typical 93 CRI and R9 greater than 50. The white-light Cylindra LED is compatible with all Juno line voltage trac and T58 monopoints. The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. Cylindra's integral, bayonet-mounted accessory holder accommodates one light control accessory if desired (except wide flood). TWLED extension wands are also available, enabling the T252L to be moved closer to the object being illuminated without lowering the trac mounting plane. Accessory TIR optics are available enabling simple beam spread changes in the field. Standard fixture is dimming-compatible.



Dimensions



Ordering Information

Examples: T252L-27K-S-BL, T252L-3K-HC-N-WH

Series	Color Temperature	Color Rendering Index	Beam Spread	Finish
T252L	27K		S	BL
T252L 18W Cylindra LED	27K - 2700K 3K - 3000K 35K - 3500K 4K - 4000K	Blank - 85 CRI Typical HC ¹ - 93 CRI Typical ¹ 3000K only	S - Spot N - Narrow Flood F - Flood W - Wide Flood	BL - Black SL - Silver WH - White

Accessories

For Fixture:	T252L
Color Filters	T741-6
Dichroic Filters	T7401-18
Diffusion Lens	T7420
Uniformity Lens	T7421
UV Filter	T7422
Prismatic Spread Lens	T7477
Linear Spread Lens	T7478
Hexcell Louver	T7459BL
TIR Optic - Spot	TIR-1-SP
TIR Optic - Narrow Flood	TIR-1-NFL
TIR Optic - Flood	TIR-1-FL
TIR Optic - Wide Flood	TIR-1-WFL

Note: Wide flood versions do not accept accessories.

T252L Low Voltage Extension Wands



Catalog #	Finish	Overall Length
TWLED-12-WH	White	13 1/2"
TWLED-12-BL	Black	
TWLED-12-SL	Silver	
TWLED-18-WH	White	19 1/2"
TWLED-18-BL	Black	
TWLED-18-SL	Silver	
TWLED-24-WH	White	25 1/2"
TWLED-24-BL	Black	
TWLED-24-SL	Silver	
TWLED-36-WH	White	37 1/2"
TWLED-36-BL	Black	
TWLED-36-SL	Silver	
TWLED-48-WH	White	49 1/2"
TWLED-48-BL	Black	
TWLED-48-SL	Silver	





Trac-Master® | LED Series

Cylindra™ 18W/19W LED

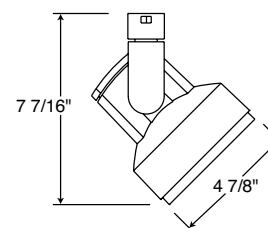


Cylindra™ T254L

The Cylindra 18W/19W LED approximates the light output and distribution of 75W PAR30 halogen lamps, utilizing approximately 1/4 of the energy and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures with a minimum 80 CRI. Optional high CRI versions are available in 2700K or 3000K with a minimum 90 CRI and R9 greater than 50. There are also Enhanced Spectrum versions – which operate at 19W – to bring out color depth in retail goods, artwork, etc. The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. Cylindra's integral, bayonet mount accessory holder accommodates up to two light control accessories if desired. Accessory reflectors are available enabling simple beam spread changes in the field. Standard fixture is dimming-compatible.



Dimensions



Ordering Information

Examples: **T254L-27K-ES-N-WH**, **T254L-35K-F-BL**

Series	Color Temperature	Color Rendering Index	Beam Spread	Finish
T254L	27K	ES	N	WH
T254L 18W/19W Cylindra LED	27K - 2700K 3K - 3000K 35K - 3500K 4K - 4000K	Blank - 80 CRI Minimum HC - 90 CRI Minimum ES ¹ - Enhanced Spectrum	S - Spot N - Narrow Flood F - Flood	BL - Black SL - Silver WH - White

¹ 2700K, 3000K & 3500K only

Accessories

For Fixture:	T254L
Color Filters	T561-6
Dichroic Filters	T5601-18
Diffusion Lens	T5620
Uniformity Lens	T5621
UV Filter	T5622
Prismatic Spread Lens	T5677
Linear Spread Lens	T5678
Cube Cell Louver	T569BL
Reflector - Spot	TR2-CL-SP
Reflector - Narrow Flood	TR2-CL-NFL
Reflector - Flood	TR2-CL-FL



Trac-Master® | LED Series

36W Cylindra™ LED

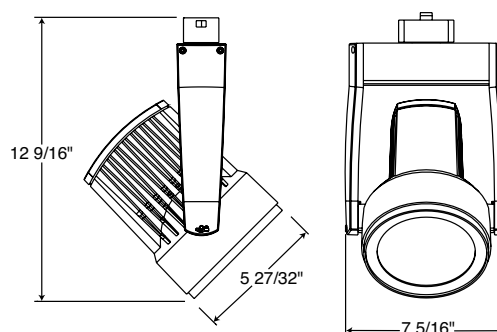


Juno Cylindra™ T255LG2

The Juno Cylindra 36W LED trac fixture approximates the mean light output and distribution of 70W PAR30L ceramic metal halide lamps, utilizing about the same amount of energy, but having a rated life of 50,000 hours and significantly better lumen maintenance over life. Available in 2700K, 3000K, 3500K and 4000K color temperatures in 80 or 90 CRI, the white-light Cylindra LED is compatible with all Juno line voltage trac and monopoints. The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. Cylindra's integral, bayonet mount accessory holder accommodates up to two accessories if desired. All standard products are dimmable using high quality reverse phase dimmers approved by Juno – see specification sheet for a list of approved dimmers or contact factory to confirm compatibility with a desired dimmer.



Dimensions



Ordering Information

Examples: **T255LG2-27HCSWH**, **T255LG2-3NSL**

Series	Color Temperature	Color Rendering Index	Beam Spread	Finish
T255LG2	27	HC	S	WH
T255LG2 36W Cylindra LED	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	Blank - 80 CRI Minimum HC - 90 CRI Minimum	S - Spot N - Narrow Flood F - Flood	BL - Black SL - Silver WH - White

Accessories

For Fixture:	T255LG2
Color Filters	T571-6
Dichroic Filters	T5701-18
Diffusion Lens	T5720
Uniformity Lens	T5721
UV Filter	T5722
Prismatic Spread Lens	T5777
Linear Spread Lens	T5778
Cube Cell Louver	T579BL
Reflector - Spot	TR7-CL-SP
Reflector - Narrow Flood	TR7-CL-NFL
Reflector - Flood	TR7-CL-FL



Trac-Master® | LED Series

26W/34W Flat Back Cylinder LED

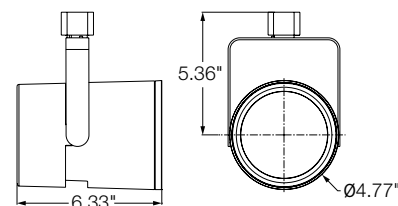


Flat Back Cylinder T283L

With its integral driver, the cylindrical aesthetic of the T283L Series offers the simplest of form factors. It is designed with a unique, patent pending, precision optical system which produces uniform spot, flood or narrow flood distributions. The 26W T283L Series can deliver up to 2664 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. It is available in four color temperatures, including 80 or 90 CRI versions. Optional color/white enhancing versions offer CRI and Color Quality Scale (CQS) scores of 90+, rendering colors richly and making whites appear naturally brilliant. These fixtures also have an integral, bayonet-mounted optical system that enables quick conversion between beam spreads.



Dimensions



Ordering Information

Examples: T283L-27HCSBL, T283L-3KNWH, T283L-35VFSL

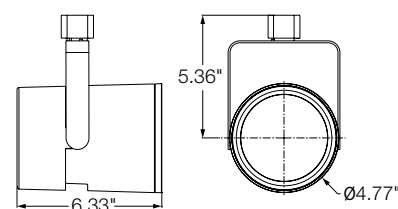
Series	Color Temperature	Color Rendering Index	Beam Spread	Finish
T283L	27	HC	S	BL
T283L	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	K - 80 CRI Minimum HC - 90 CRI Minimum V - Color/White Enhancing (3000K & 3500K only)	S - Spot N - Narrow Flood F - Flood	BL - Black SL - Silver WH - White

Flat Back Cylinder T285L

With its integral driver, the cylindrical aesthetic of the T285L Series offers the simplest of form factors. It is designed with a unique, patent pending, precision optical system which produces uniform spot, flood or narrow flood distributions. The 34W T285L Series can deliver up to 3126 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. It is available in four color temperatures, including 80 or 90 CRI versions. Optional color/white enhancing versions offer CRI and Color Quality Scale (CQS) scores of 90+, rendering colors richly and making whites appear naturally brilliant. These fixtures also have an integral, bayonet-mounted optical system that enables quick conversion between beam spreads.



Dimensions



Ordering Information

Examples: T285L-27HCSBL, T285L-3KNWH, T285L-35VFSL

Series	Color Temperature	Color Rendering Index	Beam Spread	Finish
T285L	27	HC	S	BL
T285L	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	K - 80 CRI Minimum HC - 90 CRI Minimum V - Color/White Enhancing (3000K & 3500K only)	S - Spot N - Narrow Flood F - Flood	BL - Black SL - Silver WH - White



Trac-Master® | LED Series

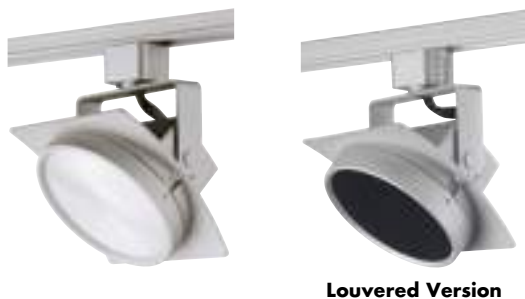
Arc™ T271L



Arc™ T271L

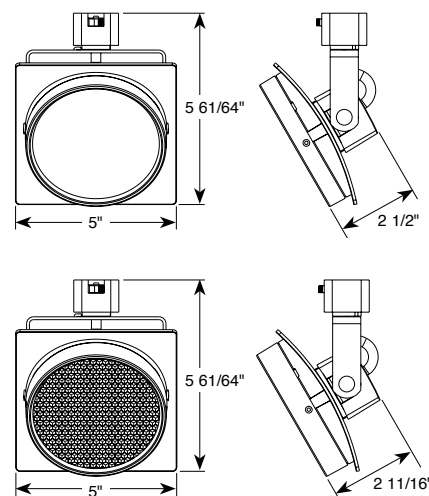
The ultra-efficient optical system of the Arc LED trac fixture maximizes efficiency while minimizing fixture depth, yielding a unique and attractive aesthetic. It approximates the light output and distribution of 60-75W PAR30 halogen lamps, utilizing about 20% of the energy and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a typical 85 CRI. Optional high CRI versions are available in 2700K or 3000K with a typical 92 CRI.

There are also Enhanced Spectrum versions to bring out color depth in retail goods, artwork, etc. The Arc LED is available with or without louver to optimize visual cutoff; there is also a louver accessory that can be added at a later time if desired. Accessory lenses are available enabling simple beam spread changes in the field. Standard fixture is dimming-compatible.



Louvered Version

Dimensions



Louvered Version

Ordering Information

Examples: **T271L27HCSWH, T271L3KNHCLWH**

Series	Color Temperature	Color Rendering Index	Beam Spread	Louver Option	Finish
T271L	27	HC	S		WH
T271L 13W Arc LED	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	K - 85 CRI Typical HC ¹ - 92 CRI Typical ES ² - Enhanced Spectrum	S - Spot N - Narrow Flood F - Flood	Blank - No Louver HCL - Louvered	BL - Black SL - Silver WH - White

¹ 2700K & 3000K only
² 2700K, 3000K & 3500K only

See specification sheet to determine which models are ENERGY STAR® or DesignLights Consortium® Qualified.

Accessories

For Fixture:	T271L
Hexcell Louver Assembly	THCL1*
Polycarbonate Lens - Spot	TLENS-1-SP
Polycarbonate Lens - Narrow Flood	TLENS-1-NFL
Polycarbonate Lens - Flood	TLENS-1-FL

* Add finish code suffix to complete catalog number (Example: THCL1BL).

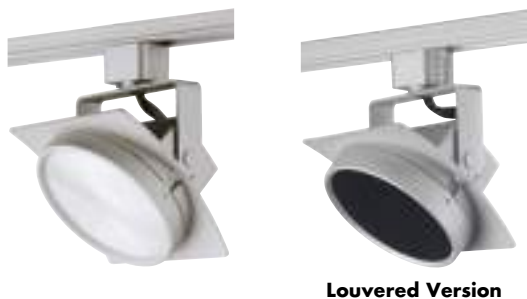


Trac-Master® | LED Series

Arc™ L T272L

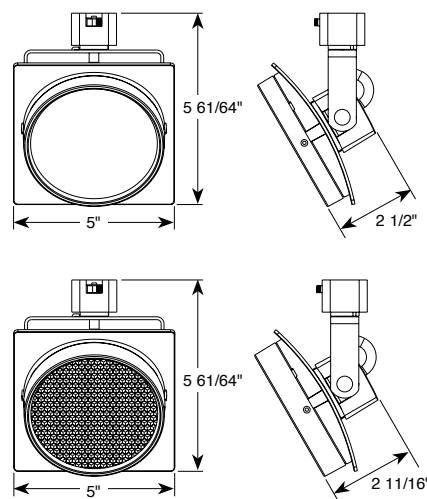
Arc™ L T272L

The ultra-efficient optical system of the Arc L LED trac fixture maximizes efficiency while minimizing fixture depth, yielding a unique and attractive aesthetic. It exceeds the light output and approximates the distribution of 75W PAR30 halogen lamps, utilizing about 20% of the energy and having a rated life of 50,000 hours. It is capable of delivering up to 1400 powerful lumens, yielding an efficacy of up to 97 lumens per watt. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a typical 85 CRI. Optional high CRI versions are available in 2700K or 3000K with a typical 92 CRI. The Arc L LED is available with or without louver to optimize visual cutoff; there is also a louver accessory that can be added at a later time if desired. Accessory lenses are available enabling simple beam spread changes in the field. Standard fixture is dimming-compatible.



Louvered Version

Dimensions



Louvered Version

Ordering Information

Examples: **T272L27HCSWH, T272L3KNHCLWH**

Series	Color Temperature	Color Rendering Index	Beam Spread	Louver Option	Finish
T272L	27	HC	S		WH
T272L 15W Arc L LED	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	K - 85 CRI Typical HC - 92 CRI Typical	S - Spot N - Narrow Flood F - Flood	Blank - No Louver HCL - Louvered	BL - Black SL - Silver WH - White

See specification sheet to determine which models are ENERGY STAR® or DesignLights Consortium® Qualified.

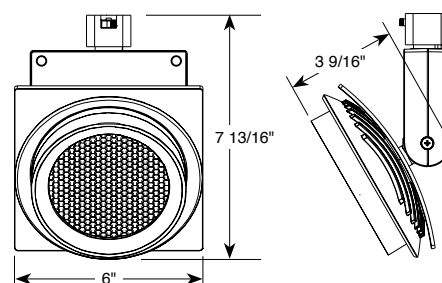
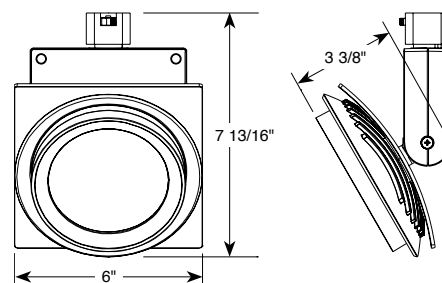
Accessories

For Fixture:	T272L
Hexcell Louver Assembly	THCL1*
Polycarbonate Lens - Spot	TLENS-3-SP
Polycarbonate Lens - Narrow Flood	TLENS-3-NFL
Polycarbonate Lens - Flood	TLENS-3-FL

* Add finish code suffix to complete catalog number (Example: THCL1BL).

Arc™ XL T275L

The ultra-efficient optical system of the Arc XL LED trac fixture maximizes efficiency while minimizing fixture depth, yielding a unique and attractive aesthetic. It exceeds the light output of 39W CMH lamps, utilizing about 20% of the energy than similar CMH fixtures and offering up to 4 times the rated life. It is capable of delivering up to 2281 powerful lumens, yielding an efficacy of up to 87 lumens per watt. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a minimum 90 CRI. Optional high CRI versions are available with a minimum 90 CRI. The Arc XL LED is available with or without louver to optimize visual cutoff; there is also a louver accessory that can be added at a later time if desired. Standard fixture is dimming-compatible.


Louvered Version
Dimensions

Louvered Version
Ordering Information

 Examples: **T275L27HCSWH, T275L3KNHCLWH**

Series	Color Temperature	Color Rendering Index	Beam Spread	Louver Option	Finish
T275L	27	HC	S		WH
T275L 26W Arc XL LED	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	K - 80 CRI Minimum HC - 90 CRI Minimum	S - Spot N - Narrow Flood F - Flood	Blank - No Louver HCL - Louvered	BL - Black SL - Silver WH - White

Accessories

For Fixture:	T275L
Hexcell Louver Assembly	THCL2*
Polycarbonate Lens - Spot	TLENS-2-SP
Polycarbonate Lens - Narrow Flood	TLENS-2-NFL
Polycarbonate Lens - Flood	TLENS-2-FL

* Add finish code suffix to complete catalog number (Example: THCL2BL).



Trac-Master® | LED Series

30W & 57W LED Wall Wash/Floods



Description

The T258L & T259L LED wall wash/flood trac fixtures deliver a powerful and uniform punch of light, utilizing less energy than a comparable CMH fixture and offering up to 4 times the rated life. They are capable of delivering up to 4691 powerful lumens, yielding an efficacy of up to 88 lumens per watt. Employing a custom hyperbolic reflector, they provide a smooth, wide beam of light. Their unique, narrow profile enables them to fit nicely with accent spotlights on the trac. Their optimized thermal management design yields a maintenance-free 50,000 hours service life at 70% lumen maintenance. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light T258L & T259L LED wall wash/flood fixtures are compatible with Juno Trac-Master and Trac-Lites™ trac.

Features

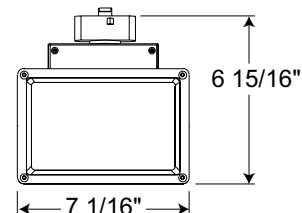
- Narrow footprint, shallow profile fixture
- Low profile driver housing isolated from LED heat sink to maximize fixture life
- Custom hyperbolic reflector efficiently delivers wide, uniform beam pattern
- High efficacy LEDs provide outstanding reliability, performance and color quality/consistency
- 80 CRI of minimum with high CRI options
- 350° horizontal rotation
- Full 90° vertical aiming plus robust, concealed vertical aiming lock using standard Philips screwdriver
- Wide trac adapter for maximum mounting stability
- Concealed wiring optimizes visual aesthetic
- Standard versions are dimming-compatible
- Available in white, black or silver finishes
- Light control accessories available to maximize visual comfort
- First-ever wall wash trac fixture to be granted ENERGY STAR® qualification
- UL and cUL listed

Ordering Information

Examples: T258L-27K-HC-SL, T259L-3K-BL

Series	Color Temperature	Color Rendering Index	Finish
	27K	HC	SL
T258L 30W LED Wall Wash/Flood	27K - 2700K 3K - 3000K 35K - 3500K	Blank - 80 CRI Minimum HC - 90 CRI Minimum	BL - Black SL - Silver WH - White
T259L 57W LED Wall Wash/Flood	4K - 4000K		

Dimensions

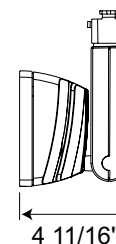


Accessories

For Fixtures: T258L, T259L

Eyebrow	TA-WWEYEBROW*
Cross Blade Louver	TA-WWLLOUVER*
Snoot	TA-WWSNOOT*

* Add finish code suffix to complete catalog number (Example: TA-WWSNOOT-BL).





Trac-Master® | LED Series

35W LED Wall Wash/Flood



Description

The 35W T256LED wall wash/flood trac fixture delivers a powerful and uniform punch of light, utilizing less energy than a similar CMH fixture and offering up to 4 times the rated life. Its sleek, shallow profile enables it to virtually blend in with the trac. Operating at only 35W, it is able to deliver up to 2223 lumens, yielding an efficacy of up to 64 lumens per watt. Its unique thermal management design yields a maintenance-free 50,000 hours service life at 70% lumen maintenance. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light T256LED wall wash/flood fixture is compatible with Juno Trac-Master and Trac-Lites™ line voltage trac.

Features

- Custom designed concealed heat sink provides outstanding thermal management, yielding 70% average lumen maintenance at 50,000 hours of operation
- Textured paint available in white, black or silver finishes
- High efficacy LEDs provide outstanding reliability, performance and color quality/consistency
- High CRI of 80 minimum
- Driver is concealed in housing to minimize overall fixture footprint
- Optional dimming version available - see Options section
- 90° vertical aiming capability
- Two position power contact provided for two-circuit trac application
- UL and cUL listed

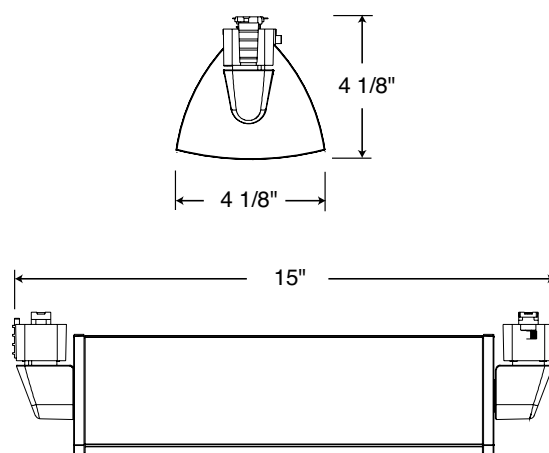
Catalog #	Color Temperature	Finish
T256LED-27K-WH	2700K	White
T256LED-27K-BL	2700K	Black
T256LED-27K-SL	2700K	Silver
T256LED-3K-WH	3000K	White
T256LED-3K-BL	3000K	Black
T256LED-3K-SL	3000K	Silver
T256LED-35K-WH	3500K	White
T256LED-35K-BL	3500K	Black
T256LED-35K-SL	3500K	Silver
T256LED-4K-WH	4000K	White
T256LED-4K-BL	4000K	Black
T256LED-4K-SL	4000K	Silver

Options

Suffix	Description
-DIM	Dimming Driver Option

Add suffix to catalog number following LED color temperature
Example: T256LED-3K-DIM-WH

Dimensions





Trac-Master® | LED Series

70W LED Wall Wash/Flood



Description

The 70W T257LED wall wash/flood trac fixture delivers a powerful and uniform punch of light, utilizing less energy than a similar CMH fixture and offering up to 4 times the rated life. Its sleek, shallow profile enables it to virtually blend in with the trac. Operating at only 70W, it is able to deliver up to 4467 lumens, yielding an efficacy of up to 64 lumens per watt. Its unique thermal management design yields a maintenance-free 50,000 hours service life at 70% lumen maintenance. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light T257LED wall wash/flood fixture is compatible with Juno Trac-Master and Trac-Lites™ line voltage trac.

Features

- Custom designed concealed heat sink provides outstanding thermal management, yielding 70% average lumen maintenance at 50,000 hours of operation
- Textured paint available in white, black or silver finishes
- High efficacy LEDs provide outstanding reliability, performance and color quality/consistency
- High CRI of 80 minimum
- Driver is concealed in housing to minimize overall fixture footprint
- Optional dimming version available - see Options section
- 90° vertical aiming capability
- Two position power contact provided for two-circuit trac application
- UL and cUL listed

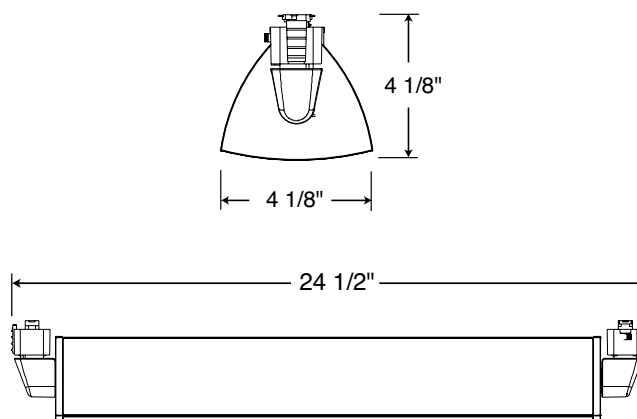
Catalog #	Color Temperature	Finish
T257LED-27K-WH	2700K	White
T257LED-27K-BL	2700K	Black
T257LED-27K-SL	2700K	Silver
T257LED-3K-WH	3000K	White
T257LED-3K-BL	3000K	Black
T257LED-3K-SL	3000K	Silver
T257LED-35K-WH	3500K	White
T257LED-35K-BL	3500K	Black
T257LED-35K-SL	3500K	Silver
T257LED-4K-WH	4000K	White
T257LED-4K-BL	4000K	Black
T257LED-4K-SL	4000K	Silver

Options

Suffix	Description
-DIM	Dimming Driver Option

Add suffix to catalog number following LED color temperature
Example: T257LED-3K-DIM-WH

Dimensions



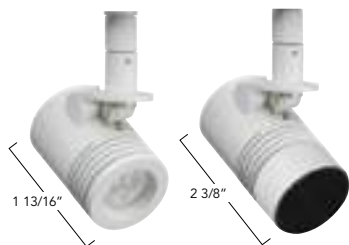


Trac-Master® | LED Series

Quick Jack LED Spotlights

TQJ114G2 LED Mini-Cylinder Spotlight

The 6-watt Juno Quick Jack LED Mini-Cylinder Spotlight approximates the light output and distribution of 20W MR11 halogen lamps, utilizing less than 1/3 of the energy and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light TQJ114 Series is compatible with Juno Trac-Master or Trac-Lites trac when combined with the T537QJU LED-compatible driver, as well as with Juno QJL LED-compatible Monopoints.



Ordering Information Example: TQJ114G2-2S-WH, TQJ114G2-35N-STN-S

Series	Color Temperature	Beam Spread	Finish	Options
TQJ114G2	2	S	WH	
TQJ114G2 Quick Jack LED Mini-Cylinder Spotlight	2 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	S - Spot N - Narrow Flood F - Flood	BL - Black STN - Satin Nickel WH - White	Blank - No Snoot S - With Snoot

SP992G2 Reno Quick Jack LED Spotlight

The 6-watt Juno Quick Jack LED SP992G2 Spotlight approximates the light output of 20W MR11 halogen lamps, utilizing less than 1/3 the energy with a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light SP992G2 is compatible with Juno Trac-Master or Trac-Lites trac when combined with the T537QJU LED-compatible driver, as well as with Juno QJL LED-compatible Monopoints. Adapters are also available for mounting on line voltage Juno MonoLine®, Flex 12™ and Trac 12™.



Ordering Information

Example: SP992G2-2S-STNBLU

Series	Color Temperature	Beam Spread	Hardware Finish	Shade Finish
SP992G2	2	S	STN	BLU
SP992G2 Quick Jack LED Directional	2 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	S - Spot N - Narrow Flood F - Flood	STN - Satin Nickel	BLK - Black BLU - Blue CHR - Chrome RED - Red YEL - Yellow

SP995G2 Vegas Quick Jack LED Spotlight

The 6-watt Juno Quick Jack LED SP995G2 Spotlight approximates the light output of 20W MR11 halogen lamps, utilizing less than 1/3 the energy with a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light SP995G2 is compatible with Juno Trac-Master or Trac-Lites trac when combined with the T537QJU LED-compatible driver, as well as with Juno QJL LED-compatible Monopoints. Adapters are also available for mounting on line voltage Juno MonoLine®, Flex 12™ and Trac 12™.



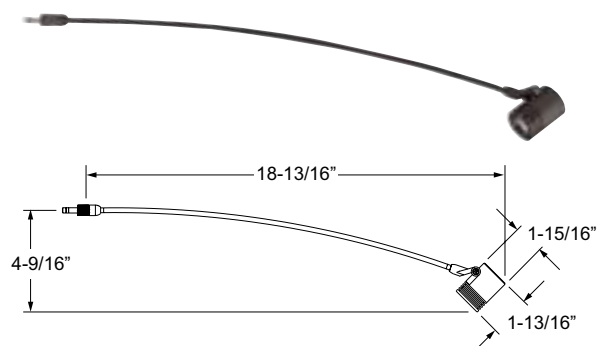
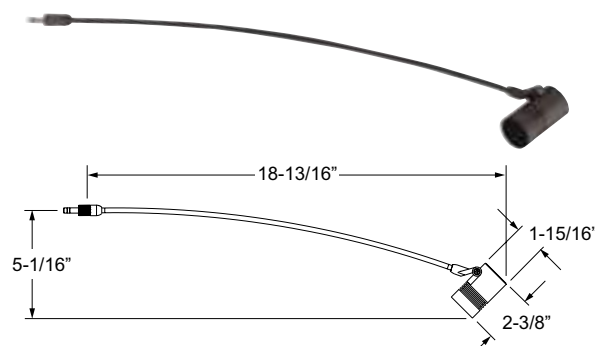
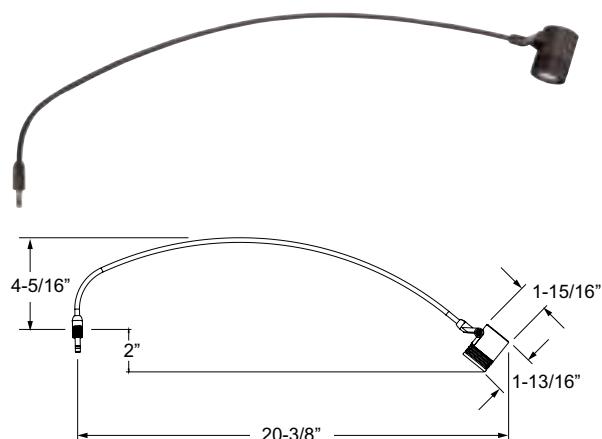
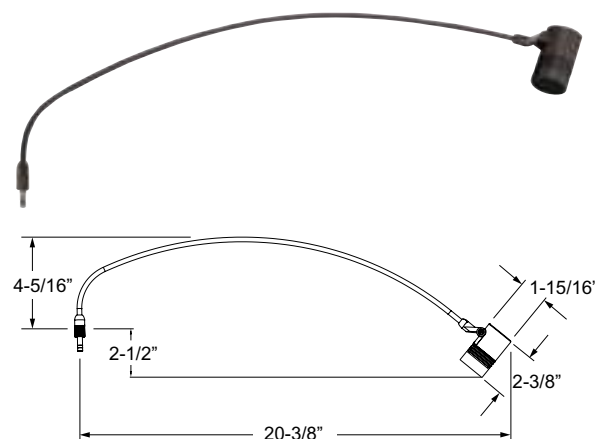
Ordering Information

Example: SP995G2-4S-STNAMB

Series	Color Temperature	Beam Spread	Hardware Finish	Shade Finish
SP995G2	4	S	STN	AMB
SP995G2 Quick Jack LED Directional	2 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	S - Spot N - Narrow Flood F - Flood	STN - Satin Nickel	AMB - Black BLU - Blue CLR - Clear FRT - Frost STN - Satin Nickel

LED Mini-Cylinder Display/Picture Lights

The Quick Jack LED Mini-Cylinder Display/Picture Light approximates the light output and distribution of 20W MR11 halogen lamps, utilizing less than 1/3 of the energy and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light TQJDL Series is ideal for short-throw applications such as lighting artwork, signs, menu boards, posters and practically any vertical surface. The horizontal version is designed to be mounted horizontally from a vertical plane and the vertical version is designed to be mounted vertically from a horizontal plane. Its Quick Jack adapter makes it compatible with a variety of Juno LED-compatible Quick Jack mountings including 902QJ, 907QJ and 905QJL Quick Jack Monopoints, T537QJU and MLTQJL Quick Jack Transformers, TFQJA and TLQJA Quick Jack adapters or the versatile TQJDL-CLAMP Quick Jack Power Clamp. The TQJDL Series can be dimmed when used with any Juno dimmable 12-volt AC transformer.

Horizontal Mount

Horizontal Mount with Snoot

Vertical Mount

Vertical Mount with Snoot

Ordering Information

 Examples: **TQJDLH-27-N-BL-S, TQJDLV-3-S-WH**

Series	Color Temperature	Beam Spread	Finish	Options
TQJDLH	27	S	BL	
TQJDLH Quick Jack LED Mini-Cylinder Display/Picture Light Horizontal Mount	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	S - Spot N - Narrow Flood F - Flood	BL - Black STN - Satin Nickel WH - White	Blank - No Snoot S - With Snoot
TQJDLV Quick Jack LED Mini-Cylinder Display/Picture Light Vertical Mount				

Quick Jack Power Clamp

For the ultimate in convenience, the LED Mini-Cylinder Display/Picture Lights can be powered using an innovative clamp-style mounting device that features an integral transformer, electrical cord and plug. The integral Quick Jack Receptacle can easily be rotated to accept either a horizontal mount or vertical mount Display/Picture Light, or any other Juno Quick Jack fixture. The Quick Jack Power Clamp can be quickly installed in a wide variety of locations that have access to a standard electrical outlet ... perfect for illuminating cubicle walls, concierge stations, trade show booth signage and the like. The Quick Jack Power Clamp is dimming-compatible and can be used to power any other 12V Juno Quick Jack fixture including spotlights and decorative pendants.



Construction

20 gauge die formed steel housing • Polyester powder coat paint finish • Available in white or black finishes • Clamp mechanism enables clamping of up to 2-3/4" thick flat surfaces or 1-3/4" dia. pipe • May be operated in any orientation • Includes Quick Jack receptacle which can be easily rotated from top of housing to end of housing • Provided with matching color 8' grounded cord & plug for maximum portability and adjustability.

Electrical

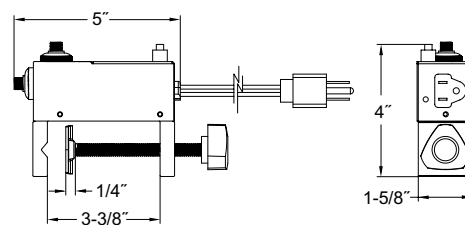
12VAC, 50VA transformer • 120VAC input • Halogen or LED compatible • May be used with any Juno Quick Jack fixture • Includes push-button on/off switch.

Labels

ETL classified to UL 153 for use in U.S. • ETL classified to CSA C22.2 No. 12 for use in Canada.

Catalog #	Finish	Description
TQJDL-CLAMP-BL	Black	12V, 50W Quick Jack Power Clamp
TQJDL-CLAMP-WH	White	

Dimensions




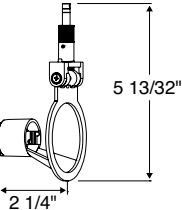
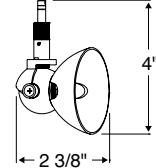
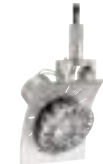

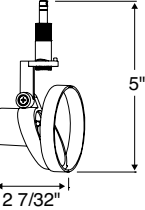

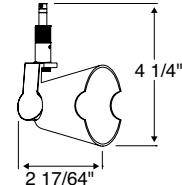


Trac-Master® | Quick Jack Directionals

MR16 LED-Compatible Lampholders

TQJ1016, TQJ1040, TQJ1041, TQJ1042 and TQJ1043

These low voltage fixtures offer both mechanical and electrical compatibility with most MR16 LED lamps (by others). Constructed with open or semi-open designs, this series provides for improved airflow around the lamp, leading to better cooling and optimized LED lamp life. They may also be used with MR16 halogen lamps with integral cover glass. These fixtures utilize Juno's proprietary Quick Jack system for installation on Monopoints powered by compatible Juno® transformers. Transformers and adapters are also available for mounting on line voltage Juno MonoLine® and Trac-Master®, and for mounting on low voltage Flex 12™ and Trac 12™.

	Catalog # TQJ1016STN	Finish Satin Nickel	Lamp 12V or 24V, 50W max. MR16CG Cover Glass	Dimensions 
	Catalog # TQJ1040STN	Finish Satin Nickel	Lamp 12V or 24V, 50W max. MR16CG Cover Glass	Dimensions 
	Catalog # TQJ1041STN	Finish Satin Nickel	Lamp 12V or 24V, 50W max. MR16CG Cover Glass	Dimensions 
	Catalog # TQJ1042STN	Finish Satin Nickel	Lamp 12V or 24V, 50W max. MR16CG Cover Glass	Dimensions 
	Catalog # TQJ1043STN	Finish Satin Nickel	Lamp 12V or 24V, 50W max. MR16CG Cover Glass	Dimensions 



Trac-Master® | Low Voltage

MR16 LED-Compatible Lampholders

T1016, T1040, T1041, T1042 and T1043

These low voltage fixtures offer both mechanical and electrical compatibility with most MR16 LED lamps (by others). Constructed with open or semi-open designs, this series provides for improved airflow around the lamp, leading to better cooling and optimized LED lamp life. They may also be used with MR16 halogen lamps with integral cover glass. Versions are available with either a horizontal or vertical transformer housing. The horizontal version has an integral transformer housing which is centered above the lampholder, offering a new and unique aesthetic in a small, close-to-the-trac fixture footprint. The vertical version minimizes the fixture footprint and displaces the lampholder away from the trac, making it ideal for installation in ceiling channels. Fixtures are dimming-compatible (with dimmable lamps) – contact lamp manufacturer to confirm full compatibility.



Vertical Gimbal16

Catalog

T1016V-WH
T1016V-BL
T1016V-SL

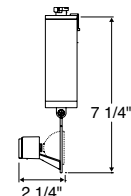
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

Dimensions



Vertical Lily16

Catalog

T1040V-WH
T1040V-BL
T1040V-SL

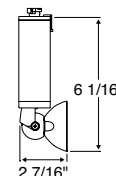
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

Dimensions



Vertical Arc16

Catalog

T1041V-WH
T1041V-BL
T1041V-SL

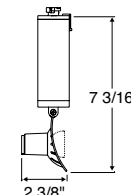
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

Dimensions



Vertical Concentricity16

Catalog

T1042V-WH
T1042V-BL
T1042V-SL

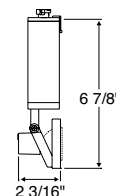
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

Dimensions



Vertical Cone16

Catalog

T1043V-WH
T1043V-BL
T1043V-SL

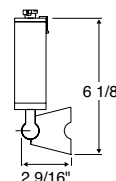
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

Dimensions





Trac-Master® | Low Voltage

MR16 LED-Compatible Lampholders

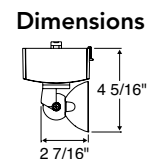


Horizontal Lily16

Catalog #
T1040H-WH
T1040H-BL
T1040H-SL

Finish
White
Black
Silver

Lamp
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

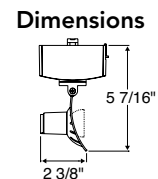


Horizontal Arc16

Catalog #
T1041H-WH
T1041H-BL
T1041H-SL

Finish
White
Black
Silver

Lamp
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

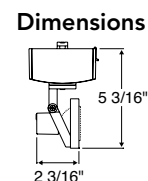


Horizontal Concentricity16

Catalog #
T1042H-WH
T1042H-BL
T1042H-SL

Finish
White
Black
Silver

Lamp
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

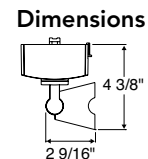


Horizontal Cone16

Catalog #
T1043H-WH
T1043H-BL
T1043H-SL

Finish
White
Black
Silver

Lamp
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass





Trac-Master® | Gimbal Ring Series

Die-Cast Gimbal Ring Lampholders



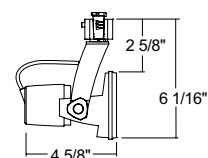
T1020, T1030, T1031S and T1038

The Die Cast Gimbal Ring fixture series offers premium construction features and extensive lamp flexibility. The narrow, arched yoke minimizes the fixture mass and gives it a fresh, modern appearance. It is designed to accommodate halogen PAR lamps as well as the latest technology LED lamps. Its robust design is mostly open, allowing air circulation which enables LED lamps to operate as cool as possible. Two versions are available for each size: an E26 medium screw base version and a GU24 twist & lock version, enabling this series to use practically any style of PAR lamp and comply with the strictest of energy codes. The E26 versions have a high wattage and low wattage labeling option to further facilitate energy code compliance. The Die Cast Gimbal Ring fixture series has a front-loading design making lamp changes a breeze. Each fixture possesses a tri-lobe locking knob to prevent the fixture from "drooping" over time due to lamp weight and to enable the fixture aiming to be locked in place, even during lamp changes.



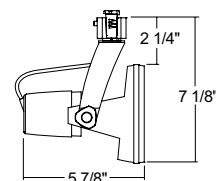
Catalog #	Finish	Lamp
High Wattage PAR20 E26 Medium Base Lamp		
T1020E-BL	Black	50W max. PAR20
T1020E-SL	Silver	50W max. PAR20
T1020E-WH	White	50W max. PAR20
Low Wattage PAR20 E26 Medium Base Lamp		
T1020E-10W-BL	Black	10W max. PAR20
T1020E-10W-SL	Silver	10W max. PAR20
T1020E-10W-WH	White	10W max. PAR20
Low Wattage PAR20 GU24 Twist & Lock Base Lamp		
T1020G-BL	Black	10W max. PAR20
T1020G-SL	Silver	10W max. PAR20
T1020G-WH	White	10W max. PAR20

Dimensions



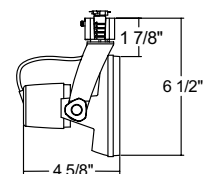
Catalog #	Finish	Lamp
High Wattage PAR30L E26 Medium Base Lamp		
T1030E-BL	Black	75W max. PAR30L
T1030E-SL	Silver	75W max. PAR30L
T1030E-WH	White	75W max. PAR30L
Low Wattage PAR30L E26 Medium Base Lamp		
T1030E-18W-BL	Black	18W max. PAR30L
T1030E-18W-SL	Silver	18W max. PAR30L
T1030E-18W-WH	White	18W max. PAR30L
Low Wattage PAR30L GU24 Twist & Lock Base		
T1030G-BL	Black	18W max. PAR30L
T1030G-SL	Silver	18W max. PAR30L
T1030G-WH	White	18W max. PAR30L

Dimensions



Catalog #	Finish	Lamp
High Wattage PAR30S E26 Medium Base Lamp		
T1031SE-BL	Black	75W max. PAR30S
T1031SE-SL	Silver	75W max. PAR30S
T1031SE-WH	White	75W max. PAR30S
Low Wattage PAR30S E26 Medium Base Lamp		
T1031SE-18W-BL	Black	18W max. PAR30S
T1031SE-18W-SL	Silver	18W max. PAR30S
T1031SE-18W-WH	White	18W max. PAR30S
Low Wattage PAR30S GU24 Twist & Lock Base		
T1031SG-BL	Black	18W max. PAR30S
T1031SG-SL	Silver	18W max. PAR30S
T1031SG-WH	White	18W max. PAR30S

Dimensions





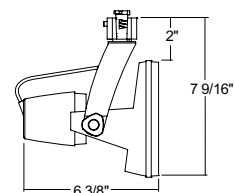
Trac-Master® | Gimbal Ring Series

Die-Cast Gimbal Ring Lampholders




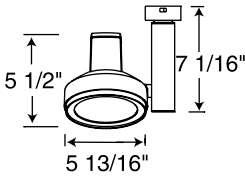
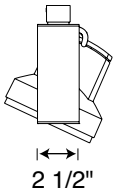
Catalog #	Finish	Lamp
High Wattage PAR38 E26 Medium Base Lamp		
T1038E-BL	Black	150W max. PAR38
T1038E-SL	Silver	150W max. PAR38
T1038E-WH	White	150W max. PAR38
Low Wattage PAR38 E26 Medium Base Lamp		
T1038E-25W-BL	Black	25W max. PAR38
T1038E-25W-SL	Silver	25W max. PAR38
T1038E-25W-WH	White	25W max. PAR38
Low Wattage PAR38 GU24 Twist & Lock Base		
T1038G-BL	Black	25W max. PAR38
T1038G-SL	Silver	25W max. PAR38
T1038G-WH	White	25W max. PAR38

Dimensions



MHv™ Cylindra™ T6, G12

The MHv Cylindra T6 Series fixtures employ computer-contoured faceted custom reflectors to deliver unmatched optical performance – choose from spot, narrow flood or flood beam patterns in 39 watts and 70 watts. Reflectors can be easily removed and replaced without tools. Designed to accept T6/T4.5, G12 base lamps. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to simultaneously accept up to two light control accessories.

	Catalog #	Finish	Lamp	Dimensions
	TM251-39-WH-SP TM251-39-BL-SP TM251-39-SL-SP TM251-39-WH-NFL TM251-39-BL-NFL TM251-39-SL-NFL TM251-39-WH-FL TM251-39-BL-FL TM251-39-SL-FL	White Black Silver White Black Silver White Black Silver	39W T6/T4.5, G12 Bi-Pin, 13° Spot 39W T6/T4.5, G12 Bi-Pin, 24° Narrow Flood 39W T6/T4.5, G12 Bi-Pin, 36° Flood	
	TM251-70-WH-SP TM251-70-BL-SP TM251-70-SL-SP TM251-70-WH-NFL TM251-70-BL-NFL TM251-70-SL-NFL TM251-70-WH-FL TM251-70-BL-FL TM251-70-SL-FL	White Black Silver White Black Silver White Black Silver	70W T6, G12 Bi-Pin, 13° Spot 70W T6, G12 Bi-Pin, 24° Narrow Flood 70W T6, G12 Bi-Pin, 36° Flood	 

Accessories

For Fixture:		TM251			
Color Filters	T571-6	Prismatic Spread Lens	T5777	Replacement Reflector - Spot	TMR1-T6-SP
Dichroic Filters	T5701-9	Linear Spread Lens	T5778	Replacement Reflector - Narrow Flood	TMR1-T6-NFL
Diffusion Lens	T5720	Cube Cell Louver	T579BL	Replacement Reflector - Flood	TMR1-T6-FL
Uniformity Lens	T5721				
UV Filter	T5722				

MH_v™ Cylindra™ MR16, GX10

The MH_v Cylindra MR16 fixture combines the energy efficiency of a CMH light source with the compact size of the MR16 lamp profile. The distinctive lamp design incorporates an integral cover glass lens and a convenient GX10 twist and lock base, making relamping effortless. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to accept up to two light control accessories.

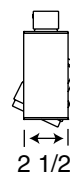
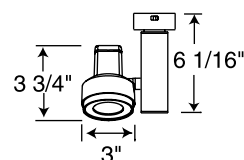


Catalog #
TM241-20-WH
TM241-20-BL
TM241-20-SL

Finish
 White
 Black
 Silver

Lamp
 20W CMH MR16, GX10 Twist & Lock

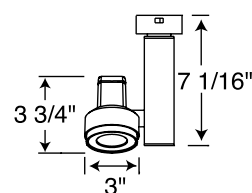
Dimensions



TM241-39-WH
TM241-39-BL
TM241-39-SL

White
 Black
 Silver

39W CMH MR16, GX10 Twist & Lock


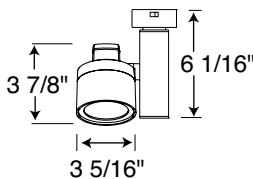
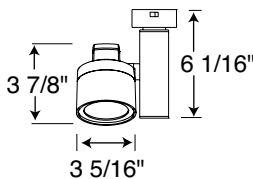
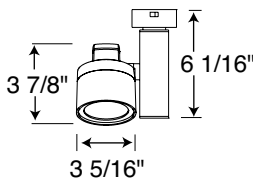
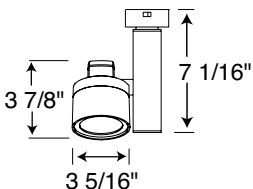
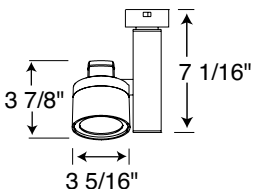
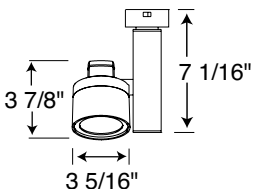


Accessories

For Fixture:	TM241
Color Filters	T741-6
Dichroic Filters	T7401-19
Diffusion Lens	T7420
Uniformity Lens	T7421
UV Filter	T7422
Prismatic Spread Lens	T7477
Linear Spread Lens	T7478
Hexcell Louver	T7459BL

MH_v™ Cylindra™ T4, GU6.5

The MH_v Cylindra T4, GU6.5 fixture delivers one of the smallest footprints in CMH Trac fixtures thanks to its miniature T4 lamp and features unmatched optical performance with its computer-contoured faceted custom reflectors. The T4 lamp employs a convenient GU6.5 twist and lock base, making relamping quick and easy. The fixture front housing simply twists off to allow easy access to the lamp compartment. If desired, the factory-supplied clear lens can be replaced with one light control accessory.

	Catalog #	Finish	Lamp	Dimensions
	TM254-20-WH-SP	White	20W T4, GU6.5 Twist & Lock, 13° Spot	
	TM254-20-BL-SP	Black		
	TM254-20-SL-SP	Silver		
	TM254-20-WH-NFL	White	20W T4, GU6.5 Twist & Lock, 25° Narrow Flood	
	TM254-20-BL-NFL	Black		
	TM254-20-SL-NFL	Silver		
	TM254-20-WH-FL	White	20W T4, GU6.5 Twist & Lock, 38° Flood	
	TM254-20-BL-FL	Black		
	TM254-20-SL-FL	Silver		
	TM254-39-WH-SP	White	39W T4, GU6.5 Twist & Lock, 13° Spot	
	TM254-39-BL-SP	Black		
	TM254-39-SL-SP	Silver		
	TM254-39-WH-NFL	White	39W T4, GU6.5 Twist & Lock, 25° Narrow Flood	
	TM254-39-BL-NFL	Black		
	TM254-39-SL-NFL	Silver		
	TM254-39-WH-FL	White	39W T4, GU6.5 Twist & Lock, 38° Flood	
	TM254-39-BL-FL	Black		
	TM254-39-SL-FL	Silver		

Accessories

For Fixture:	TM254
Color Filters	T591-6
Dichroic Filters	T5901-19
Diffusion Lens	T5920
Uniformity Lens	T5921
UV Filter	T5922
Prismatic Spread Lens	T597
Linear Spread Lens	T598
Hexcell Louver	T5928BL
Replacement Reflector, Spot	TMR1-MINI-SP
Replacement Reflector, Narrow Flood	TMR1-MINI-NFL
Replacement Reflector, Flood	TMR1-MINI-FL

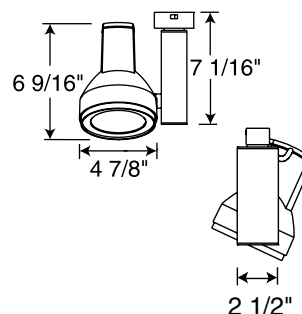
MH_v™ Cylindra™ PARs

The MH_v Cylindra PAR Series offers fixtures compatible with PAR30L and PAR38 lamps, and available wattages ranging from 39W to 150W to work in a wide variety of lighting applications. This series features deep lamp regression for reduced glare and optimum visual cut-off. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to accept up to two light control accessories.



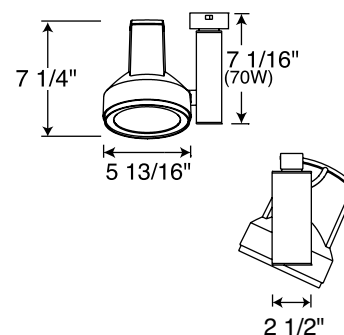
Catalog #	Finish	Lamp
TM245-39-WH	White	CMH 39W PAR30L
TM245-39-BL	Black	
TM245-39-SL	Silver	
TM245-70-WH	White	CMH 70W PAR30L
TM245-70-BL	Black	
TM245-70-SL	Silver	

Dimensions



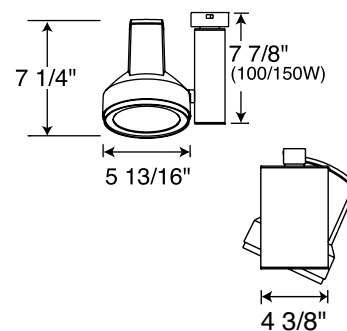
Catalog #	Finish	Lamp
TM246-70-WH	White	CMH 70W PAR38
TM246-70-BL	Black	
TM246-70-SL	Silver	
TM246-100-WH	White	CMH 100W PAR38
TM246-100-BL	Black	
TM246-100-SL	Silver	
TM246-150-WH	White	CMH 150W PAR38
TM246-150-BL	Black	
TM246-150-SL	Silver	

Dimensions



Accessories

For Fixtures:	TM245	TM246
Color Filters	T561-6	T571-6
Dichroic Filters	T5601-19	T5701-19
Diffusion Lens	T5620	T5720
Uniformity Lens	T5621	T5721
UV Filter	T5622	T5722
Prismatic Spread Lens	T5677	T5777
Linear Spread Lens	T5678	T5778
Cube Cell Louver	T569BL	T579BL



MH_v™ Cylindra™ ED17

The MH_v Cylindra ED17 Series fixtures employ computer-contoured faceted custom reflectors to deliver exceptional optical performance, and each fixture comes complete with an integral bayonet-mount accessory holder that is designed to simultaneously accept up to two light control accessories. ED17 fixtures are often specified with ED17 downlights, allowing lamp standardization within a space to simplify relamping maintenance. The Cylindra ED17 Series is designed to accept commonly available ED17 lamps in 70W and 100W, providing the versatility required to function in a wide variety of lighting applications.



Catalog

TM250-70-WH-SP
TM250-70-BL-SP
TM250-70-SL-SP

TM250-70-WH-NFL
TM250-70-BL-NFL
TM250-70-SL-NFL

TM250-70-WH-FL
TM250-70-BL-FL
TM250-70-SL-FL

Finish

White
 Black
 Silver

White
 Black
 Silver

White
 Black
 Silver

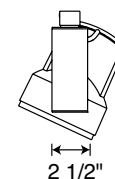
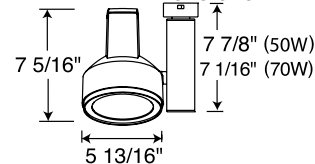
Lamp

CMH 70W ED17, 10° Spot

CMH 70W ED17, 26° Narrow Flood

CMH 70W ED17, 55° Flood

Dimensions



TM250-100-WH-SP
TM250-100-BL-SP
TM250-100-SL-SP

TM250-100-WH-NFL
TM250-100-BL-NFL
TM250-100-SL-NFL

TM250-100-WH-FL
TM250-100-BL-FL
TM250-100-SL-FL

White
 Black
 Silver

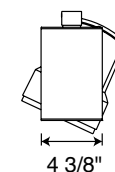
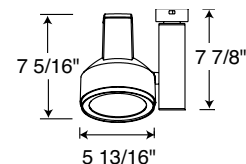
White
 Black
 Silver

White
 Black
 Silver

CMH 100W ED17, 10° Spot

CMH 100W ED17, 26° Narrow Flood

CMH 100W ED17, 55° Flood



Accessories

For Fixture: **TM250**

Color Filters	T571-6
Dichroic Filters	T5701-19
Diffusion Lens	T5720
Uniformity Lens	T5721
UV Filter	T5722
Prismatic Spread Lens	T5777
Linear Spread Lens	T5778
Cube Cell Louver	T579BL

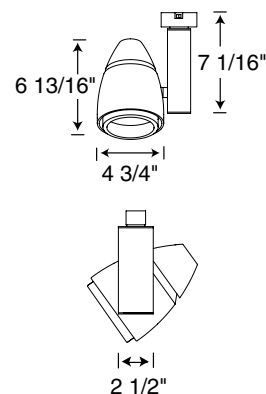
MH_v™ Conix® T4, G8.5

The MH_v Conix T4 integrate the latest generation of single-ended T4 lamps into precision faceted reflectors for efficient, smooth spot, narrow flood and flood beam patterns. T4 lamps have a smaller lamp diameter, enabling increased reflector surface area, therefore producing somewhat higher center beam footcandles as compared to a similar T6 lampholder. All versions are provided with a black finish integral snap-in anti-glare shield/accessory holder that can accept one light control accessory.



Catalog #	Finish	Lamp
TM216-39EMH-WH	White	39W T4/T4.5, G8.5 Bi-Pin, 10° Spot
TM216-39EMH-BL	Black	
TM216-39EMH-SL	Silver	
TM218-39EMH-WH	White	39W T4/T4.5, G8.5 Bi-Pin, 27° Narrow Flood
TM218-39EMH-BL	Black	
TM218-39EMH-SL	Silver	
TM217-39EMH-WH	White	39W T4/T4.5, G8.5 Bi-Pin, 40° Flood
TM217-39EMH-BL	Black	
TM217-39EMH-SL	Silver	
TM216-70EMH-WH	White	70W T4/T4.5, G8.5 Bi-Pin, 10° Spot
TM216-70EMH-BL	Black	
TM216-70EMH-SL	Silver	
TM218-70EMH-WH	White	70W T4/T4.5, G8.5 Bi-Pin, 27° Narrow Flood
TM218-70EMH-BL	Black	
TM218-70EMH-SL	Silver	
TM217-70EMH-WH	White	70W T4/T4.5, G8.5 Bi-Pin, 40° Flood
TM217-70EMH-BL	Black	
TM217-70EMH-SL	Silver	

Dimensions



Accessories

For Fixtures: TM216, TM217, TM218

Color Filters	T561-6	Prismatic Spread Lens	T5677	Replacement Reflector - Spot	TMCR-T4-SP
Dichroic Filters	T5601-19	Linear Spread Lens	T5678	Replacement Reflector - Narrow Flood	TMCR-T4-NFL
Diffusion Lens	T5620	Cube Cell Louver	T569BL	Replacement Reflector - Flood	TMCR-T4-FL
Uniformity Lens	T5621				
UV Filter	T5622				

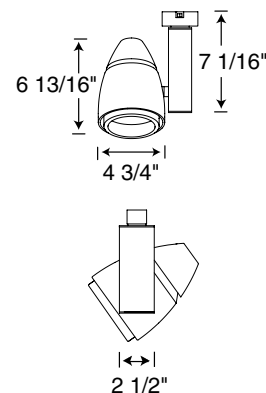
MHV™ Conix® T6, G12

The MHV Conix T6 integrate the latest generation of single-ended T6 lamps into precision faceted reflectors for efficient, smooth spot, narrow flood and flood beam patterns. T6 lamps offer user friendly plug-in relamping and the ability to standardize on a common lamp type when CMH T6 downlights are used in the same space. All versions are provided with a black finish integral snap-in anti-glare shield/accessory holder that can accept one light control accessory.



Catalog #	Finish	Lamp
TM213-39EMH-WH	White	39W T6/T4.5, G12 Bi-Pin, 8° Spot
TM213-39EMH-BL	Black	
TM213-39EMH-SL	Silver	
TM215-39EMH-WH	White	39W T6/T4.5, G12 Bi-Pin, 25° Narrow Flood
TM215-39EMH-BL	Black	
TM215-39EMH-SL	Silver	
TM214-39EMH-WH	White	39W T6/T4.5, G12 Bi-Pin, 42° Flood
TM214-39EMH-BL	Black	
TM214-39EMH-SL	Silver	
TM213-70EMH-WH	White	70W T6, G12 Bi-Pin, 8° Spot
TM213-70EMH-BL	Black	
TM213-70EMH-SL	Silver	
TM215-70EMH-WH	White	70W T6, G12 Bi-Pin, 25° Narrow Flood
TM215-70EMH-BL	Black	
TM215-70EMH-SL	Silver	
TM214-70EMH-WH	White	70W T6, G12 Bi-Pin, 42° Flood
TM214-70EMH-BL	Black	
TM214-70EMH-SL	Silver	

Dimensions


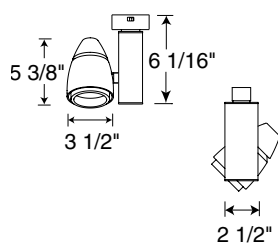

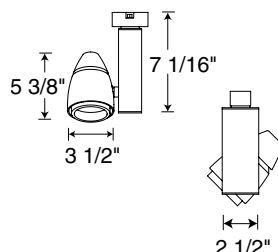

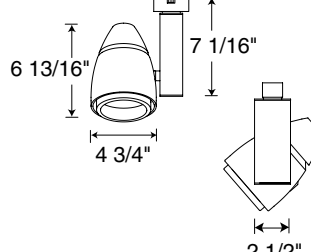
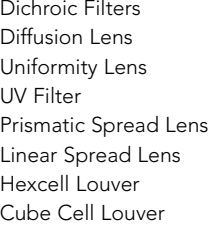
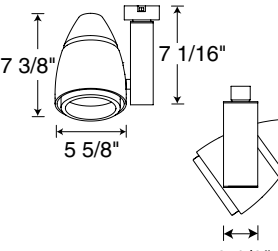


Accessories

For Fixtures:	TM213, TM214, TM215				
Color Filters	T561-6	Prismatic Spread Lens	T5677	Replacement Reflector - Spot	TMCR-T6-SP
Dichroic Filters	T5601-19	Linear Spread Lens	T5678	Replacement Reflector - Narrow Flood	TMCR-T6-NFL
Diffusion Lens	T5620	Cube Cell Louver	T569BL	Replacement Reflector - Flood	TMCR-T6-FL
Uniformity Lens	T5621				
UV Filter	T5622				

MH_v™ Conix® PAR

The sculpted MH_v Conix PAR Series can be specified for use with a versatile array of CMH PAR lamps. This series features deep lamp regression for reduced glare and optimum visual cut-off. A black finish integral snap-in anti-glare shield/Accessory holder accepts up to two light control accessories.

	Catalog #	Finish	Lamp	Dimensions
	TM207-20EMH-WH	White	CMH 20W PAR20	
	TM207-20EMH-BL	Black		
	TM207-20EMH-SL	Silver		
	Catalog #	Finish	Lamp	Dimensions
	TM207-39EMH-WH	White	CMH 39W PAR20	
	TM207-39EMH-BL	Black		
	TM207-39EMH-SL	Silver		
	Catalog #	Finish	Lamp	Dimensions
	TM208-20EMH-WH	White	CMH 20W PAR30L	
	TM208-20EMH-BL	Black		
	TM208-20EMH-SL	Silver		
	TM208-39EMH-WH	White	CMH 39W PAR30L	
	TM208-39EMH-BL	Black		
	TM208-39EMH-SL	Silver		
	Catalog #	Finish	Lamp	Dimensions
	TM209-70EMH-WH	White	CMH 70W PAR38	
	TM209-70EMH-BL	Black		
	TM209-70EMH-SL	Silver		

Accessories

For Fixtures:	TM207	TM208	TM209
Color Filters	T591-6	T561-6	T571-6
Dichroic Filters	T5901-19	T5601-19	T5701-19
Diffusion Lens	T5920	T5620	T5720
Uniformity Lens	T5921	T5621	T5721
UV Filter	T5922	T5622	T5722
Prismatic Spread Lens	T597	T5677	T5777
Linear Spread Lens	T598	T5678	T5778
Hexcell Louver	T5928BL	—	—
Cube Cell Louver	—	T569BL	T579BL

MH_v™ Concentric Cylinders T4, G8.5

The ultra-compact MH_v Concentric Cylinder T4, G8.5 combines a simple aesthetic with premium performance. Available in spot, narrow flood and flood beam distributions, its computer-contoured faceted reflector is securely mounted to the lamp shroud for precise optical alignment with the lamp. The lamp shroud has a 1" deep integral step baffle for optimal shielding and brightness control. The detachable lamp shroud is easily removed for simplified fixture maintenance. The clear lens provided can be replaced with a variety of light control accessories for optimum beam control. Fixture rotation in two axes enables the fixture to be aimed in any direction.



Catalog

TM232-20-SP-WH
TM232-20-SP-BL
TM232-20-SP-SL

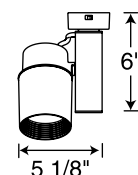
Finish

White
 Black
 Silver

Lamp

20W T4/T4.5, G8.5 Bi-Pin, 10° Spot

Dimensions



TM232-20-NFL-WH
TM232-20-NFL-BL
TM232-20-NFL-SL

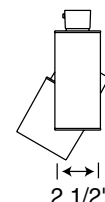
White
 Black
 Silver

20W T4/T4.5, G8.5 Bi-Pin, 23° Narrow Flood

TM232-20-FL-WH
TM232-20-FL-BL
TM232-20-FL-SL

White
 Black
 Silver

20W T4/T4.5, G8.5 Bi-Pin, 32° Flood



TM232-39-SP-WH
TM232-39-SP-BL
TM232-39-SP-SL

White
 Black
 Silver

39W T4/T4.5, G8.5 Bi-Pin, 10° Spot

TM232-39-NFL-WH
TM232-39-NFL-BL
TM232-39-NFL-SL

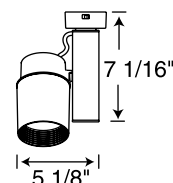
White
 Black
 Silver

39W T4/T4.5, G8.5 Bi-Pin, 23° Narrow Flood

TM232-39-FL-WH
TM232-39-FL-BL
TM232-39-FL-SL

White
 Black
 Silver

39W T4/T4.5, G8.5 Bi-Pin, 32° Flood



TM232-70-SP-WH
TM232-70-SP-BL
TM232-70-SP-SL

White
 Black
 Silver

70W T4/T4.5, G8.5 Bi-Pin, 10° Spot

TM232-70-NFL-WH
TM232-70-NFL-BL
TM232-70-NFL-SL

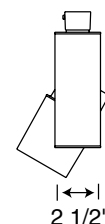
White
 Black
 Silver

70W T4/T4.5, G8.5 Bi-Pin, 23° Narrow Flood

TM232-70-FL-WH
TM232-70-FL-BL
TM232-70-FL-SL

White
 Black
 Silver

70W T4/T4.5, G8.5 Bi-Pin, 32° Flood



Accessories

For Fixture:

TM232

Color Filters

T591-6

Replacement Reflector - Spot

TMR1-MINI-SP

Dichroic Filters

T5901-19

Replacement Reflector - Narrow Flood

TMR1-MINI-NFL

Diffusion Lens

T5920

Replacement Reflector - Flood

TMR1-MINI-FL

Uniformity Lens

T5921

UV Filter

T5922

Prismatic Spread Lens

T597

Linear Spread Lens

T598

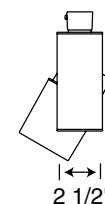
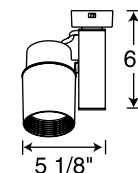
MH_v™ Concentric Cylinders BT-5, PGJ5

The ultra-compact MH_v Concentric Cylinder BT-5 combines a simple aesthetic with premium performance. Available in spot, narrow flood and flood beam distributions, its computer-contoured faceted reflector is securely mounted to the lamp shroud for precise optical alignment with the lamp. The lamp shroud has a 1" deep integral step baffle for optimal shielding and brightness control. The detachable lamp shroud is easily removed for simplified fixture maintenance. The clear lens provided can be replaced with a variety of light control accessories for optimum beam control. Fixture rotation in two axes enables the fixture to be aimed in any direction.



Catalog #	Finish	Lamp
TM233-20-SP-WH	White	20W BT-5, PGJ5 Twist & Lock, 10° Spot
TM233-20-SP-BL	Black	
TM233-20-SP-SL	Silver	
TM233-20-NFL-WH	White	20W BT-5, PGJ5 Twist & Lock, 20° Narrow Flood
TM233-20-NFL-BL	Black	
TM233-20-NFL-SL	Silver	
TM233-20-FL-WH	White	20W BT-5, PGJ5 Twist & Lock, 28° Flood
TM233-20-FL-BL	Black	
TM233-20-FL-SL	Silver	
TM233-39-SP-WH	White	39W BT-5, PGJ5 Twist & Lock, 10° Spot
TM233-39-SP-BL	Black	
TM233-39-SP-SL	Silver	
TM233-39-NFL-WH	White	39W BT-5, PGJ5 Twist & Lock, 20° Narrow Flood
TM233-39-NFL-BL	Black	
TM233-39-NFL-SL	Silver	
TM233-39-FL-WH	White	39W BT-5, PGJ5 Twist & Lock, 28° Flood
TM233-39-FL-BL	Black	
TM233-39-FL-SL	Silver	

Dimensions



Accessories

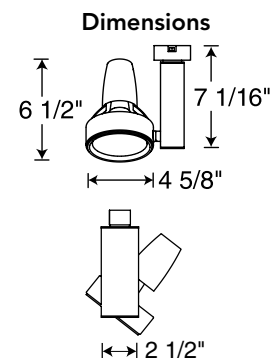
For Fixture:	TM233
Color Filters	T591-6
Dichroic Filters	T5901-19
Diffusion Lens	T5920
Uniformity Lens	T5921
UV Filter	T5922
Prismatic Spread Lens	T597
Linear Spread Lens	T598
Replacement Reflector, Spot	TMR1-BT5-SP
Replacement Reflector, Narrow Flood	TMR1-BT5-NFL
Replacement Reflector, Flood	TMR1-BT5-FL

MH_v™ Pro-Gimbal

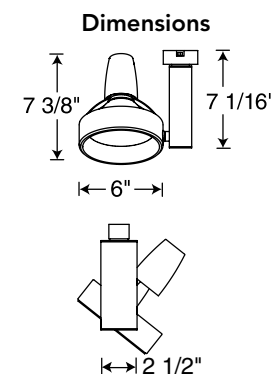
This versatile design uses PAR lamps, relamps from the front and features deep lamp shielding with a baffled aperture. The Pro-Gimbal can be easily accessorized with up to two light control accessories using the optional accessory holder.



Catalog #	Finish	Lamp
TM203-20EMH-WH	White	CMH 20W PAR30L
TM203-20EMH-BL	Black	
TM203-20EMH-SL	Silver	
TM203-39EMH-WH	White	CMH 39W PAR30L
TM203-39EMH-BL	Black	
TM203-39EMH-SL	Silver	
TM203-70EMH-WH	White	CMH 70W PAR30L
TM203-70EMH-BL	Black	
TM203-70EMH-SL	Silver	



Catalog #	Finish	Lamp
TM204-70EMH-WH	White	CMH 70W PAR38
TM204-70EMH-BL	Black	
TM204-70EMH-SL	Silver	



Accessories

For Fixtures:	TM203	TM204
Dual Accessory Holder	TM530BL	TM538BL
Color Filters	T561-6*	T571-6*
Dichroic Filters	T5601-19*	T5701-19*
Diffusion Lens	T5620*	T5720*
Uniformity Lens	T5621*	T5721*
UV Filter	T5622*	T5722*
Prismatic Spread Lens	T5677*	T5777*
Linear Spread Lens	T5678*	T5778*
Cube Cell Louver	T569BL*	T579BL*
Black Eyebrow	T577BL*	T587BL*

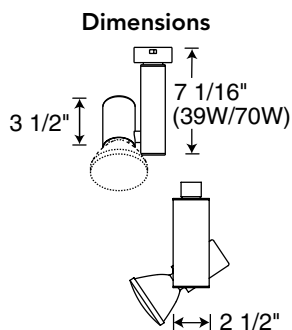
* Filters, lenses, louver and eyebrow require accessory holder for installation.

MH_v™ Universal

This very compact, low-profile lampholder accommodates PAR20 through PAR38 lamps.



Catalog #	Finish	Lamp
TM201-39EMH-WH	White	CMH 39W PAR20/ PAR30L
TM201-39EMH-BL	Black	
TM201-39EMH-SL	Silver	
TM201-70EMH-WH	White	CMH 70W PAR30L/ PAR38
TM201-70EMH-BL	Black	
TM201-70EMH-SL	Silver	



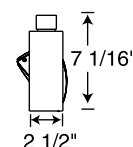
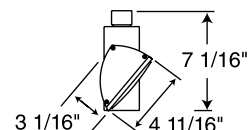
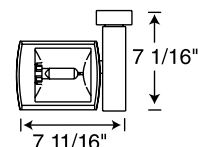
MH_v™ Mini Wall Wash/Flood T6, G12

The MH_v Series Mini Wall Wash/Flood fixture delivers outstanding photometric performance in a compact fixture footprint. Small T4, G8.5 or T6, G12 bi-pin lamps enable a reduced housing size and excellent beam control. Its patterned specular reflector delivers a smooth, consistent beam pattern with excellent color mixing. The MH_v Series Mini Wall Wash/Flood fixture relamps from the front without the use of tools. Its die cast aluminum lens holder slides to expose the lamp compartment making lamp replacement a breeze.

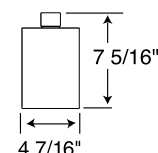
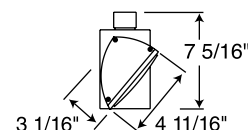
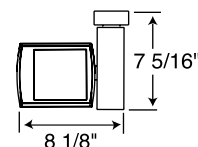


Catalog #	Finish	Lamp
TM256-39-WH	White	39W T6/T4.5, G12 Bi-Pin
TM256-39-BL	Black	
TM256-39-SL	Silver	
TM256-70-WH	White	70W T6, G12 Bi-Pin
TM256-70-BL	Black	
TM256-70-SL	Silver	

Dimensions



TM256-150-WH	White	150W T6, G12 Bi-Pin
TM256-150-BL	Black	
TM256-150-SL	Silver	



MH₂® Cylindra™ MR16, GX10

The MH₂ Cylindra MR16 fixture combines the energy efficiency of a CMH light source with the compact size of the MR16 lamp profile. The distinctive lamp design incorporates an integral cover glass lens and a convenient GX10 twist and lock base, making relamping effortless. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to accept up to two light control accessories.



Catalog

TM141WH
TM141BL
TM141SL

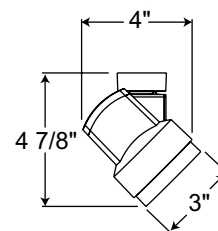
Finish

White
Black
Silver

Lamp

20W, 39W or 50W CMH MR16,
GX10 Twist & Lock

Dimensions



TM520, TM539 or TM550 HID Ballast or TMM Series monopoint required. Must order separately.
See MH₂ Ballasts and MH₂ Monopoints sections for detailed information.

Accessories

For Fixture:

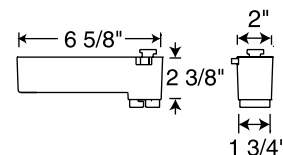
TM141

Color Filters	T741-6
Dichroic Filters	T7401-19
Diffusion Lens	T7420
Uniformity Lens	T7421
UV Filter	T7422
Prismatic Spread Lens	T7477
Linear Spread Lens	T7478
Hexcell Louver	T7459BL

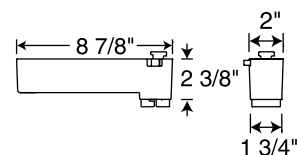
MH₂® Ballasts

TM520 and **TM539** are available in white, black or silver finishes. See MH₂ Ballasts section for a full description.

TM520



TM539



MH₂® Cylindra™ PARs

The MH₂ Cylindra PAR Series offers fixtures compatible with PAR20 lamps, and available in 20W or 39W to work in a wide variety of lighting applications. This series features deep lamp regression for reduced glare and optimum visual cut-off. Each fixture comes complete with an integral bayonet mount accessory holder that is designed to accept up to two light control accessories.



Catalog

TM144WH
TM144BL
TM144SL

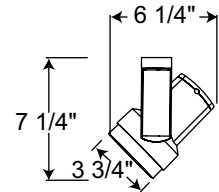
Finish

White
Black
Silver

Lamp

CMH 20W or 39W PAR20

Dimensions



TM520 or TM539 HID Ballast or TMM Series monopoint required. Must order separately. See MH₂ Ballasts and MH₂ Monopoints sections for detailed information.

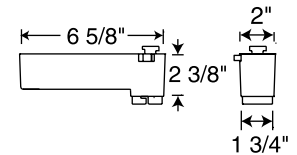
Accessories

For Fixture:	TM144
Color Filters	T591-6
Dichroic Filters	T5901-19
Diffusion Lens	T5920
Uniformity Lens	T5921
UV Filter	T5922
Prismatic Spread Lens	T597
Linear Spread Lens	T598
Hexcell Louver	T5928BL

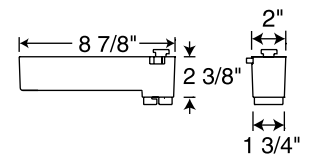
MH₂® Ballasts

TM520 and **TM539** are available in white, black or silver finishes. See MH₂ Ballasts section for a full description.

TM520



TM539



MH₂ Conix® PARs

The sculpted MH₂ Conix PAR Series can be specified for use with a versatile array of CMH PAR lamps. This series features deep lamp regression for reduced glare and optimum visual cut-off. A black finish integral snap-in anti-glare shield/Accessory holder accepts up to two light control accessories. Conix fixtures feature 360° rotation to eliminate aiming dead zones. Rotation and aiming can be locked into position using a standard Phillips screwdriver.



Catalog

TM108WH
TM108BL
TM108SL

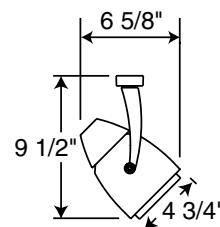
Finish

White
Black
Silver

Lamp

CMH 20W, 39W
or 70W PAR30L

Dimensions



TM520, TM539 or TM570N HID Ballast or TMM Series monopoint required.
Must order separately. See MH₂ Ballasts and MH₂ Monopoints sections for detailed information.



Catalog

TM109WH
TM109BL
TM109SL

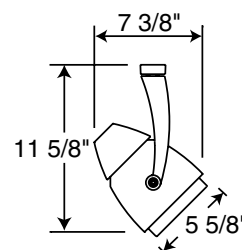
Finish

White
Black
Silver

Lamp

CMH 70W, 100W
or 150W* PAR38

Dimensions



TM570N or TM5100 HID Ballast or TMM Series monopoint required. Must order separately.
See MH₂ Ballasts and MH₂ Monopoints sections for detailed information.
* 150W with TMM54150E monopoints.

Accessories

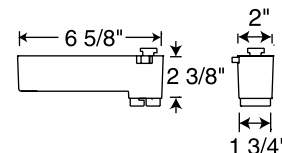
For Fixtures:	TM108	TM109
Color Filters	T561-6	T571-6
Dichroic Filters	T5601-19	T5701-19
Diffusion Lens	T5620	T5720
Uniformity Lens	T5621	T5721
UV Filter	T5622	T5722
Prismatic Spread Lens	T5677	T5777
Linear Spread Lens	T5678	T5778
Cube Cell Louver	T569BL	T579BL

MH₂ Ballasts

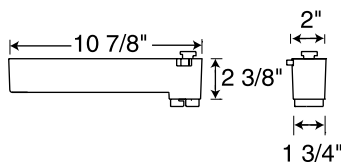
TM520, TM539, TM570N

and **TM5100** are available in white, black or silver finishes. See MH₂ Ballasts section for a full description.

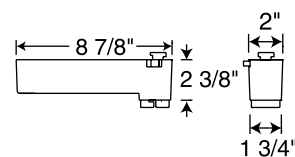
TM520



TM5100



TM539 or TM570N



MH₂® Rectangular Wall Wash/Flood ED17

A compact, asymmetric or center yoke mounting delivers premium performance making the Rectangular Wall Wash/Flood luminaires especially suited for merchandising applications. Center yoke mounting is ideal for sloped ceiling applications and perfect for monopoint mounting. The high lumen ED17 lamp combined with the standard uniformity lens and flood reflector delivers a widespread distribution with higher levels of illumination. The sliding lens holder design facilitates tool-less relamping and accepts the optional brightness control louver.



Catalog

TM120WH
TM120BL
TM120SL

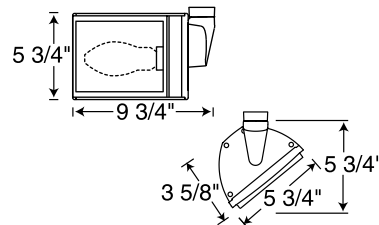
Finish

White
Black
Silver

Lamp

CMH 50W*, 70W,
100W or 150W* ED17

Dimensions



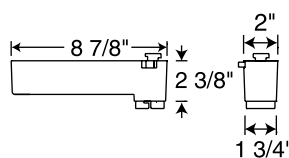
TM570N or TM5100 HID Ballast* or TMM Series Monopoint required. Must order separately.
See MH₂ Ballasts and MH₂ Monopoints sections for detailed information.

* Use with 50W or 150W Monopoints.

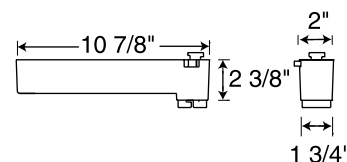
MH₂® Ballasts

TM570N and **TM5100** are available in white, black or silver finishes. See MH₂ Ballasts section for a full description.

TM570N



TM5100





MH₂® Pendants

MH₂ Pendants offer a high-bay aesthetic in either a flexible trac-based format or an elegant monopoint mounting format. The clear or diffuse prismatic acrylic refractor shade provides efficient downlighting along with visual sparkle and a small uplighting component that can brighten ceilings and upper wall cavities. The metal reflector shade produces controlled downlighting and offers a more industrial aesthetic. Pendants with metal shades can be used with protected ED17 lamps rated for use with open fixtures or unprotected ED17 lamps when combined with a glass lens. Pendants using acrylic shades and/or acrylic lenses must use protected ED17 lamps.

120" Cord Assembly



Catalog

TMP1120WH
TMP1120BL
TMP1120SL

Finish

White
Black
Silver

Lamp

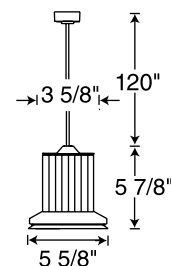
CMH 50W*, 70W or 100W ED17

TM570N HID or TM5100 Ballast or TMM Series monopoint required. Must order separately. See MH₂ Ballasts and MH₂ Monopoints sections for detailed information.

* 50W with TMM5450E monopoints.

Note: Shade must be ordered separately to complete fixture.

Dimensions



Pendant Shades (order separately)



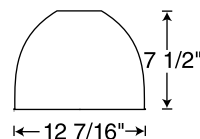
Catalog

TMP1220PL

Finish

12" Clear Prismatic Refractor Acrylic Shade
(may be used with protected ED17 lamps only)

Dimensions



Catalog

TMP1221PL

12" Diffuse Prismatic Refractor Acrylic Shade
(may be used with protected ED17 lamps only)



Catalog

TMP1222HZ

12" Metal Reflector Shade, Haze Finish

Optional Lenses (order separately)



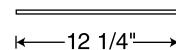
Catalog

TMP1230CL

Finish

12" Clear Glass Lens

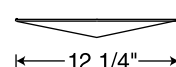
Dimensions



Catalog

TMP1231PL

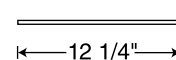
12" Conical Prismatic Refractor Acrylic Lens
(may be used with protected ED17 lamps only)



Catalog

TMP1232UL

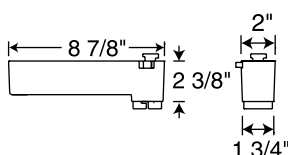
12" Fine Prismatic Uniformity Glass Lens



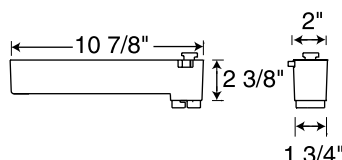
MH₂® Ballasts

TM570N and **TM5100** are available in white, black or silver finishes. See MH₂ Ballasts section for a full description.

TM570N



TM5100




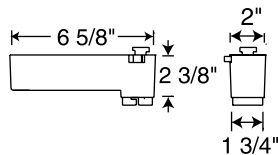
MH₂® Ballasts

MH₂ ballasts and monopoints offer the latest in electronic HID technology. The modular ballast/lampholder format allows more compact and attractive fixture designs. It also extends ballast service life by isolating the ballast from the lamp heat source and facilitates field servicing. These ballasts may be combined with a variety of Juno HID lampholders and pendants for optimum flexibility.


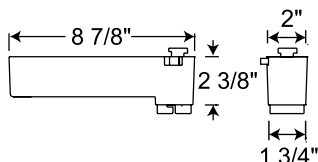
Features

- Premium, high efficiency, constant power electronic ballast with slim-line profile
- Provides optimum CRI performance and consistent color uniformity from fixture to fixture
- Controlled starting current and stable normal operation maximizes lamp life
- Automatic resetting thermal protection
- MOV transient protection
- Lamp end-of-life shutdown prevents nuisance cycling and flashing
- Integral On/Off switch
- High impact polycarbonate ballast housing
- Secondary latch on 39W, 70W and 100W versions securely attaches housing to trac on both ends to prevent sagging
- Easily and securely attaches to lampholder with locking collar
- UL Listed, CSA certified
- Complies with FCC Part 18
- Sound rated "A" for indoor applications


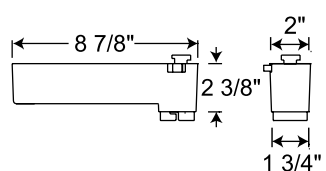
20W Modular HID Ballasts

	Catalog #	Finish	Lamp	Dimensions
	TM520WH	White	CMH 20W	
	TM520BL	Black	(Not compatible with BT-5, PGJ5 lamps)	
	TM520SL	Silver		


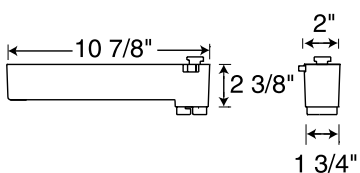
39W Modular HID Ballasts

	Catalog #	Finish	Lamp	Dimensions
	TM539WH	White	CMH 39W	
	TM539BL	Black	(Not compatible with BT-5, PGJ5 lamps)	
	TM539SL	Silver		

70W Modular HID Ballasts

	Catalog #	Finish	Lamp	Dimensions
	TM570N-WH	White	CMH 70W	
	TM570N-BL	Black		
	TM570N-SL	Silver		

100W Modular HID Ballasts

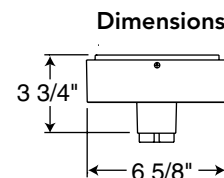
	Catalog #	Finish	Lamp	Dimensions
	TM5100WH	White	CMH 100W	
	TM5100BL	Black		
	TM5100SL	Silver		

MH₂® Surface Mount HID Monopoint

Includes electronic HID ballast. Mounts over standard ceiling outlet box. Use with MH₂ Series lampholders or pendants. On/Off switch. 120V/277V operation (except 150W which is voltage specific).




Catalog #	Finish	Description
TMM5420E-S-WH	White	20W Monopoint
TMM5420E-S-BL	Black	(Not compatible with
TMM5420E-S-SL	Silver	BT-5, PGJ5 lamps)
TMM5439E-S-WH	White	39W Monopoint
TMM5439E-S-BL	Black	(Not compatible with
TMM5439E-S-SL	Silver	BT-5, PGJ5 lamps)
TMM5450E-S-WH	White	50W Monopoint
TMM5450E-S-BL	Black	
TMM5450E-S-SL	Silver	
TMM5470E-S-WH	White	70W Monopoint
TMM5470E-S-BL	Black	
TMM5470E-S-SL	Silver	
TMM54100E-S-WH	White	100W Monopoint
TMM54100E-S-BL	Black	
TMM54100E-S-SL	Silver	
TMM54150E-S-120-WH	White	150W, 120V Monopoint
TMM54150E-S-120-BL	Black	
TMM54150E-S-120-SL	Silver	
TMM54150E-S-277-WH	White	150W, 277V Monopoint
TMM54150E-S-277-BL	Black	
TMM54150E-S-277-SL	Silver	



MH₂® Extension Wands

MH₂ Extension Wands can be used to suspend all MH₂ lampholders down from either the TM Series Modular Trac Ballasts or TMM Series Monopoints. Enables the fixture plane to be lowered without lowering the entire trac or ceiling plane. Constructed of rigid tubular steel and high-impact thermoplastic.



Catalog #	Finish	Overall Length
TMW12WH	White	14 3/8"
TMW12BL	Black	14 3/8"
TMW12SL	Silver	14 3/8"
TMW18WH	White	20 3/8"
TMW18BL	Black	20 3/8"
TMW18SL	Silver	20 3/8"
TMW24WH	White	26 3/8"
TMW24BL	Black	26 3/8"
TMW24SL	Silver	26 3/8"
TMW36WH	White	38 3/8"
TMW36BL	Black	38 3/8"
TMW36SL	Silver	38 3/8"
TMW48WH	White	48 3/8"
TMW48BL	Black	48 3/8"
TMW48SL	Silver	48 3/8"

Wide Adapter Extension Wands

Wide Adapter Extension Wands can be used to suspend all wide adapter lampholders down from either Trac or Monopoints. Enables the fixture plane to be lowered without lowering the entire trac or ceiling plane. Constructed of rigid tubular steel and high impact thermoplastic.



Catalog #	Finish	Overall Length
TW12WA-WH	White	13 1/2"
TW12WA-BL	Black	13 1/2"
TW12WA-SL	Silver	13 1/2"
TW18WA-WH	White	19 1/2"
TW18WA-BL	Black	19 1/2"
TW18WA-SL	Silver	19 1/2"
TW24WA-WH	White	25 1/2"
TW24WA-BL	Black	25 1/2"
TW24WA-SL	Silver	25 1/2"
TW36WA-WH	White	37 1/2"
TW36WA-BL	Black	37 1/2"
TW36WA-SL	Silver	37 1/2"
TW48WA-WH	White	49 1/2"
TW48WA-BL	Black	49 1/2"
TW48WA-SL	Silver	49 1/2"
TWS24WA-WH*	White	28 1/2"
TWS24WA-BL*	Black	28 1/2"
TWS24WA-SL*	Silver	28 1/2"

* Wand with slope adapter on top. For Biax Series, consult factory.

Biax® Wall Wash

Approximately three times more efficient than halogen, the Biax wall wash fixtures provide widespread, uniform illumination for perimeter walls and displays using popular biaxial compact fluorescent lamps. Biax models up through 39 watts have a single adapter and can be rotated off-axis from the trac for additional aiming flexibility. The TBX Series is suitable for ceiling mount applications only.

- Optional electronic ballast for maximum energy efficiency and quiet operation
- Rated lamp life of up to 20,000 hours
- Optional molded louver (ordered separately) can be specified in white, clear specular or black finishes
- Ceiling mount only (TBX Series)

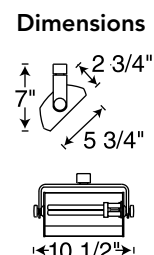


Catalog #
TMBX26WH
TMBX26BL

Finish
White
Black

Lamp
One 26W CFL Quad 2-Pin

Ballast Type
120V NPF
Magnetic



Catalog #
TBX18E-WH
TBX18E-BL
TBX18E-SL

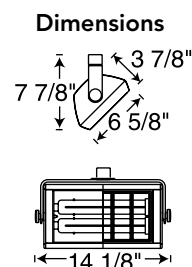
Finish
White
Black
Silver

Lamp
Two 18W High Lumen CFL

Ballast Type
120V HPF
Electronic

Shown with White Louver, order separately.

Use 10 1/2" length High Lumen Compact Fluorescent Lamps.



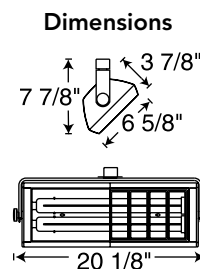
Catalog #
TBX39E-WH
TBX39E-BL
TBX39E-SL

Finish
White
Black
Silver

Lamp
Two 36W/39W
High Lumen CFL

Ballast Type
120V HPF
Electronic

Shown with White Louver, order separately.



Catalog #
TBX40E-WH
TBX40E-BL
TBX40E-SL

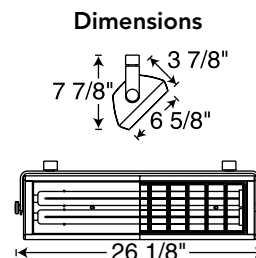
Finish
White
Black
Silver

Lamp
Two 40W High Lumen CFL

Ballast Type
120V HPF
Electronic

Shown with White Louver, order separately.

TBX40E has (2) mounting points spaced 20 1/4" apart.



Accessories

For Fixtures:	TBX18E	TBX39E	TBX40E
Specular Clear Louver	—	SL39	SL40
White Louver	WL18	WL39	WL40

Biax is a registered trademark of General Electric.



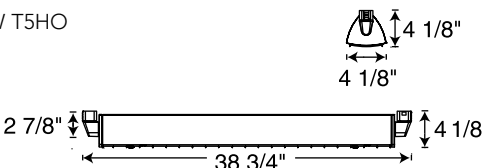


Description

The T5HO Close-to-Trac fixture integrates the latest generation of ultra-compact, linear fluorescent lamps that are four times more efficient than halogen. A computer designed reflector maximizes optical efficiency and produces exceptional, uniform illumination of perimeter walls and displays. Its sleek profile is so shallow that it virtually blends in with the trac.

Features

- Electronic ballast for maximum energy efficiency and quiet operation
- 20,000-hour lamp life with exceptional lumen maintenance
- Integral one-piece, snap-in metal louver provides the perfect blend of brightness control, aesthetics and efficiency
- Optional clear acrylic lamp containment lens/barrier for food service applications

	Catalog #	Finish	Lamp	Dimensions
	T5T22WH T5T22BL T5T22SL	White Black Silver	Two 24W T5HO	
	Catalog #	Finish	Lamp	Dimensions
	T5T32WH T5T32BL T5T32SL	White Black Silver	Two 39W T5HO	
	Catalog #	Finish	Lamp	Dimensions
	T5T42WH T5T42BL T5T42SL	White Black Silver	Two 54W T5HO	

Accessories

For Fixtures:	TMT22	TMT32	TMT42
Clear Acrylic Lens	T5L22CL	T5L32CL	T5L42CL



Description

The T5HO Cable Suspended fixture integrates the latest generation of ultra-compact linear fluorescent lamps that are four times more efficient than halogen. A computer-designed reflector maximizes optical efficiency and produces exceptional, uniform illumination of perimeter walls and displays. This shallow profile fixture is suspended from the trac on thin stainless steel cables that are easily field-adjusted to lengths up to six feet.

Features

- Electronic ballast for maximum energy efficiency and quiet operation
- 20,000-hour lamp life with exceptional lumen maintenance
- 360° vertical rotation accommodates uplight and downlight aiming
- Integral one-piece, snap-in metal louver provides the perfect blend of brightness control, aesthetics and efficiency
- Optional clear acrylic lamp containment lens/barrier for food service applications

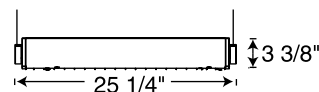
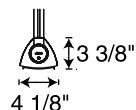


Catalog #
T5C22WH
T5C22BL
T5C22SL

Finish
White
Black
Silver

Lamp
Two 24W T5HO

Dimensions

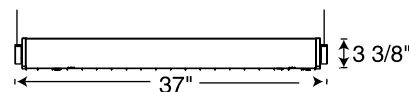
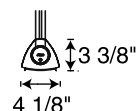


Catalog #
T5C32WH
T5C32BL
T5C32SL

Finish
White
Black
Silver

Lamp
Two 39W T5HO

Dimensions

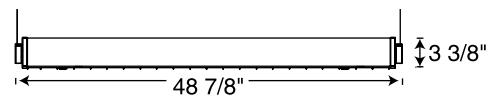
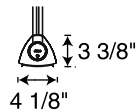


Catalog #
T5C42WH
T5C42BL
T5C42SL

Finish
White
Black
Silver

Lamp
Two 54W T5HO

Dimensions



Accessories

For Fixtures:	T5C22	T5C32	T5C42
Clear Acrylic Lens	T5L22CL	T5L32CL	T5L42CL



White Castle Restaurant, Mark Steele Photography

Cylindra™ Low Voltage & Line Voltage

Applying a new twist to a traditional design, Cylindra Series offers a unique, contemporary aesthetic based on a step cylinder fixture platform. Gentle arcs elegantly blend with bold edges to provide a unique yet timeless visual appeal. The Trac-Master versions of the Cylindra CMH Series are available in line voltage PAR20, PAR30, PAR38 and low voltage MR16. Ranging in wattage from 20W to 150W, making them suitable for a wide variety of lighting applications. Each Cylindra fixture is supplied with an integral bayonet-mount media cartridge that is designed to simultaneously accept up to two light control accessories.



Catalog

T841WH
T841BL
T841SL

Finish

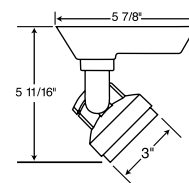
White
Black
Silver

Lamp

12V, 50W max. MR16

T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Catalog

T844WH
T844BL
T844SL

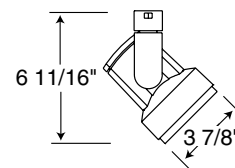
Finish

White
Black
Silver

Lamp

50W max. PAR20

Dimensions



Catalog

T845WH
T845BL
T845SL

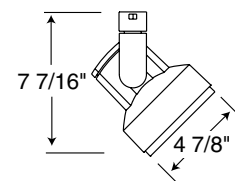
Finish

White
Black
Silver

Lamp

75W max. PAR30

Dimensions



Catalog

T846WH
T846BL
T846SL

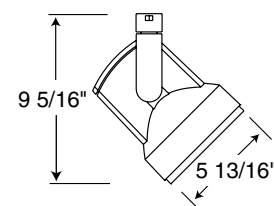
Finish

White
Black
Silver

Lamp

150W max. PAR38

Dimensions



Accessories

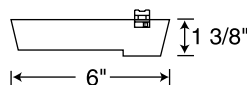
For Fixtures:	T841	T844	T845	T846
Color Filters	T741-6	T591-6	T561-6	T571-6
Dichroic Filters	T7401-18	T5901-18	T5601-18	T5701-18
Diffusion Lens	T7420	T5920	T5620	T5720
Uniformity Lens	T7421	T5921	T5621	T5721
UV Filter	T7422	T5922	T5622	T5722
Prismatic Spread Lens	T7477	T597	T5677	T5777
Linear Spread Lens	T7478	T598	T5678	T5778
Hexcell Louver	T7459BL	T5928BL	-	-
Cube Cell Louver	-	-	T569BL	T579BL

Note: Accepts up to two 2" accessories.

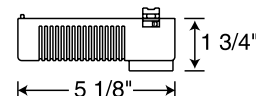
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Conix®

The Conix series combines elegant aesthetics with professional display lighting features. The bullet-shaped Conix housing is perfectly complemented by Juno's proprietary wishbone yoke. Aiming and rotation locks allow fixture aiming to be locked into position with a Phillips screwdriver and black finish dual accessory holders accommodate up to two color filters, louvers or light control lenses. A special 360° rotation feature on this series eliminates aiming dead zones.



Catalog

T406WH

T406BL

T406SL

Finish

White

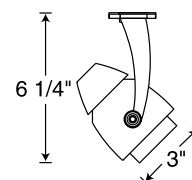
Black

Silver

Lamp

12V, 50W max. MR16

Dimensions



T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.



Catalog

T411WH

T411BL

T411SL

Finish

White

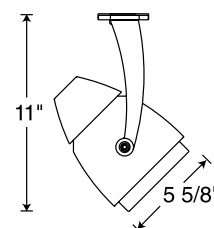
Black

Silver

Lamp

12V, 75W max. AR111

Dimensions



T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

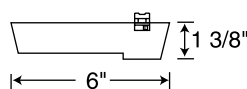
Accessories

For Fixtures:	T406	T411
Color Filters	T551-6	T571-6
Dichroic Filters	T5501-18	T5701-18
Diffusion Lens	T5520	T5720
Uniformity Lens	T5521	T5721
UV Filter	T5522	T5722
Prismatic Spread Lens	T557	T5777
Linear Spread Lens	T559	T5778
Hexcell Louver	T5559BL	—
Cube Cell Louver	—	T579BL

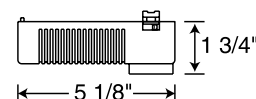
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538





Catalog

T407WH
T407BL
T407SL

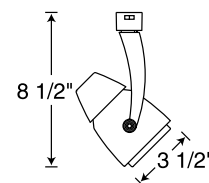
Finish

White
Black
Silver

Lamp

50W max. PAR20

Dimensions



Catalog

T408WH
T408BL
T408SL

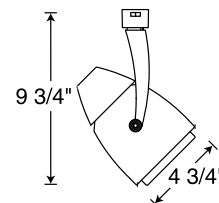
Finish

White
Black
Silver

Lamp

75W max. PAR30

Dimensions



Catalog

T409WH
T409BL
T409SL

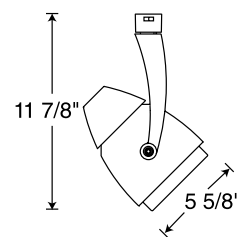
Finish

White
Black
Silver

Lamp

120W max. PAR38

Dimensions



Accessories

For Fixtures:	T407	T408	T409
Color Filters	T591-6	T561-6	T571-6
Dichroic Filters	T5901-18	T5601-18	T5701-18
Diffusion Lens	T5920	T5620	T5720
Uniformity Lens	T5921	T5621	T5721
UV Filter	T5922	T5622	T5722
Prismatic Spread Lens	T597	T5677	T5777
Linear Spread Lens	T598	T5678	T5778
Hexcell Louver	T5928BL	—	—
Cube Cell Louver	—	T569BL	T579BL

Pro-Gimbal

This versatile design uses PAR lamps, relamps from the front and features deep lamp shielding with a baffled aperture. The Pro-Gimbal series can be easily accessorized with up to two light control accessories using the optional accessory holder. It features 360° rotation to eliminate aiming dead zones. Rotation and aiming can be locked into position using a standard Phillips screwdriver.



Catalog

T403WH
T403BL
T403SL

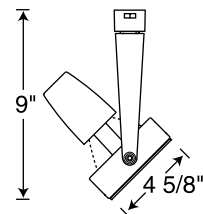
Finish

White
Black
Silver

Lamp

75W max. PAR30

Dimensions



Catalog

T404WH
T404BL
T404SL

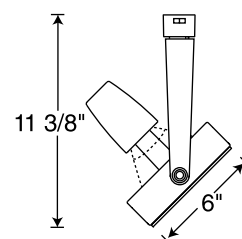
Finish

White
Black
Silver

Lamp

120W max. PAR38

Dimensions



Accessories

For Fixtures:	T403	T404
Dual Accessory Holder	TM530BL	TM538BL
Color Filters	T561-6*	T571-6*
Dichroic Filters	T5601-18*	T5701-18*
Diffusion Lens	T5620*	T5720*
Uniformity Lens	T5621*	T5721*
UV Filter	T5622*	T5722*
Prismatic Spread Lens	T5677*	T5777*
Linear Spread Lens	T5678*	T5778*
Cube Cell Louver	T569BL*	T579BL*
Black Eyebrow	T577BL*	T587BL*

* Filters, lenses, louver and eyebrow require accessory holder for installation.



Trac-Master® | Professional Halogen Series

Die-Cast Gimbal Ring Lampholders



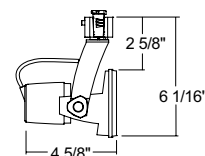
T1020, T1030, T1031S and T1038

The Die Cast Gimbal Ring fixture series offers premium construction features and extensive lamp flexibility. The narrow, arched yoke minimizes the fixture mass and gives it a fresh, modern appearance. It is designed to accommodate halogen PAR lamps as well as the latest technology LED lamps. Its robust design is mostly open, allowing air circulation which enables LED lamps to operate as cool as possible. Two versions are available for each size: an E26 medium screw base version and a GU24 twist & lock version, enabling this series to use practically any style of PAR lamp and comply with the strictest of energy codes. The E26 versions have a high wattage and low wattage labeling option to further facilitate energy code compliance. The Die Cast Gimbal Ring fixture series has a front-loading design making lamp changes a breeze. Each fixture possesses a tri-lobe locking knob to prevent the fixture from "drooping" over time due to lamp weight and to enable the fixture aiming to be locked in place, even during lamp changes.



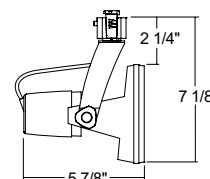
Catalog #	Finish	Lamp
High Wattage PAR20 E26 Medium Base Lamp		
T1020E-BL	Black	50W max. PAR20
T1020E-SL	Silver	50W max. PAR20
T1020E-WH	White	50W max. PAR20
Low Wattage PAR20 E26 Medium Base Lamp		
T1020E-10W-BL	Black	10W max. PAR20
T1020E-10W-SL	Silver	10W max. PAR20
T1020E-10W-WH	White	10W max. PAR20
Low Wattage PAR20 GU24 Twist & Lock Base Lamp		
T1020G-BL	Black	10W max. PAR20
T1020G-SL	Silver	10W max. PAR20
T1020G-WH	White	10W max. PAR20

Dimensions



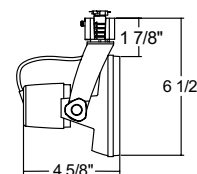
Catalog #	Finish	Lamp
High Wattage PAR30L E26 Medium Base Lamp		
T1030E-BL	Black	75W max. PAR30L
T1030E-SL	Silver	75W max. PAR30L
T1030E-WH	White	75W max. PAR30L
Low Wattage PAR30L E26 Medium Base Lamp		
T1030E-18W-BL	Black	18W max. PAR30L
T1030E-18W-SL	Silver	18W max. PAR30L
T1030E-18W-WH	White	18W max. PAR30L
Low Wattage PAR30L GU24 Twist & Lock Base		
T1030G-BL	Black	18W max. PAR30L
T1030G-SL	Silver	18W max. PAR30L
T1030G-WH	White	18W max. PAR30L

Dimensions



Catalog #	Finish	Lamp
High Wattage PAR30S E26 Medium Base Lamp		
T1031SE-BL	Black	75W max. PAR30S
T1031SE-SL	Silver	75W max. PAR30S
T1031SE-WH	White	75W max. PAR30S
Low Wattage PAR30S E26 Medium Base Lamp		
T1031SE-18W-BL	Black	18W max. PAR30S
T1031SE-18W-SL	Silver	18W max. PAR30S
T1031SE-18W-WH	White	18W max. PAR30S
Low Wattage PAR30S GU24 Twist & Lock Base		
T1031SG-BL	Black	18W max. PAR30S
T1031SG-SL	Silver	18W max. PAR30S
T1031SG-WH	White	18W max. PAR30S

Dimensions





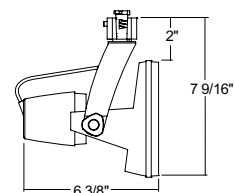
Trac-Master® | Professional Halogen Series

Die-Cast Gimbal Ring Lampholders



Catalog #	Finish	Lamp
High Wattage PAR38 E26 Medium Base Lamp		
T1038E-BL	Black	150W max. PAR38
T1038E-SL	Silver	150W max. PAR38
T1038E-WH	White	150W max. PAR38
Low Wattage PAR38 E26 Medium Base Lamp		
T1038E-25W-BL	Black	25W max. PAR38
T1038E-25W-SL	Silver	25W max. PAR38
T1038E-25W-WH	White	25W max. PAR38
Low Wattage PAR38 GU24 Twist & Lock Base		
T1038G-BL	Black	25W max. PAR38
T1038G-SL	Silver	25W max. PAR38
T1038G-WH	White	25W max. PAR38

Dimensions



Mamba®

The Mamba is a strikingly original, front loading gimbal ring design. Gracefully curved and tapered elements flow into a gimbal ring that appears to float, while the gently scooped socket housing reinforces a concave/convex theme. Concealed wiring and sleek trac adapter create an ultra-clean appearance. Mamba for Trac-Master is designed for use with 75W PAR30 and 150W PAR38 line voltage halogen lamps and 50W MR16CG low voltage halogen lamps with integral cover glass. Media cartridges are not available for this fixture due to the unique characteristics of the gimbal ring design.



Catalog

T860WH
T860BL
T860SL

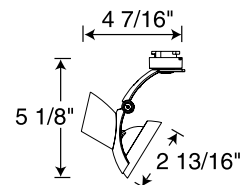
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16CG
Cover Glass

Dimensions



T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.



Catalog

T863WH
T863BL
T863SL

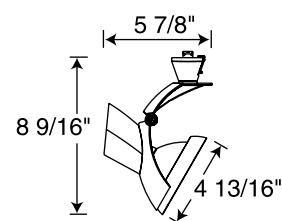
Finish

White
Black
Silver

Lamp

75W max. PAR30

Dimensions



Catalog

T868WH
T868BL
T868SL

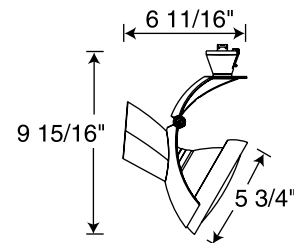
Finish

White
Black
Silver

Lamp

150W max. PAR38

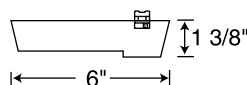
Dimensions



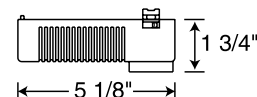
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U


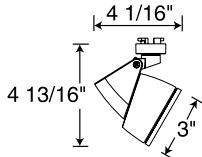

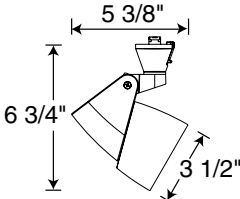

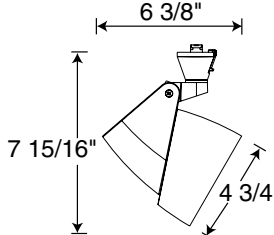

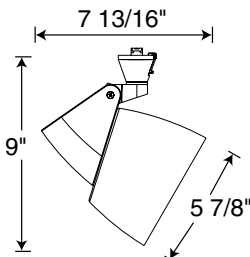


T538



Facet®

Sweeping lines, arresting angles, and a brilliant lack of symmetry result in a totally unexpected design. Facet's socket housing morphs into a stem that is uniquely horizontal in nature. Concealed wiring and sleek trac adapter complete the ultra-clean appearance. Facet for Trac-Master is designed for use with 50W PAR20, 75W PAR30, and 150W PAR38 line voltage halogen lamps and 50W MR16 low voltage halogen lamps. An optional, integral, bayonet-mount media cartridge is available for the PAR30 fixture that simultaneously accepts up to two light control accessories. A dual accessory media cartridge is standard on the MR16 fixture.

	Catalog # T850WH T850BL T850SL	Finish White Black Silver	Lamp 12V, 50W max. MR16	Dimensions 
T537 or T538 Transformer required. Must order separately. See Low Voltage Transformers section for detailed information.				
	Catalog # T852WH T852BL T852SL	Finish White Black Silver	Lamp 50W max. PAR20	Dimensions 
	Catalog # T853WH T853BL T853SL	Finish White Black Silver	Lamp 75W max. PAR30	Dimensions 
	Catalog # T858WH T858BL T858SL	Finish White Black Silver	Lamp 150W max. PAR38	Dimensions 

Accessories

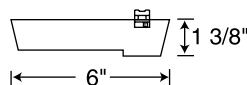
For Fixtures:	T850	T853
Dual Accessory Holder*	–	T853MC-WH, -BL, -SL
Color Filters	T741-6	T561-6*
Dichroic Filters	T7401-18	T5601-18*
Diffusion Lens	T7420	T5620*
Uniformity Lens	T7421	T5621*
UV Filter	T7422	T5622*
Prismatic Spread Lens	T7477	T5677*
Linear Spread Lens	T7478	T5678*
Hexcell Louver	T7459BL	–
Cube Cell Louver	–	T569BL*

* Filters, lenses, and louver require dual accessory holder for installation.

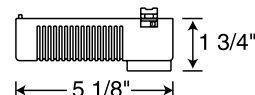
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U


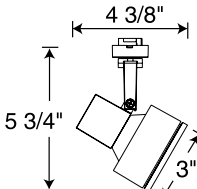

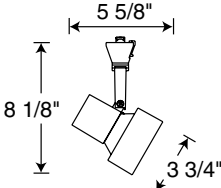

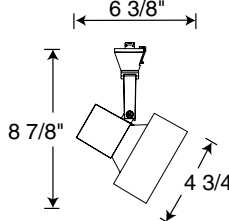

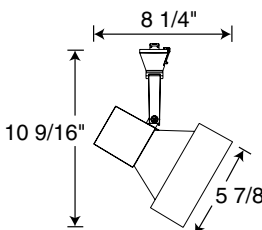


T538



Cubix®

The Cubix is a study of the visual relationship between two different geometric forms: the ring and the cube. In this design, the stem becomes a central element, forming a pleasing visual extension of the cube form. Concealed wiring and sleek trac adapter offer an ultra-clean appearance. Cubix for Trac-Master is designed for use with 50W PAR20, 75W PAR30, and 150W PAR38 line voltage halogen lamps and 50W MR16 low voltage halogen lamps. An optional, integral, bayonet-mount media cartridge is available for the PAR30 fixture that simultaneously accepts up to two light control accessories. A dual accessory media cartridge is standard on the MR16 fixture.

	Catalog # T890WH T890BL T890SL	Finish White Black Silver	Lamp 12V, 50W max. MR16	Dimensions 
T537 or T538 Transformer required. Must order separately. See Low Voltage Transformers section for detailed information.				
	Catalog # T892WH T892BL T892SL	Finish White Black Silver	Lamp 50W max. PAR20	Dimensions 
	Catalog # T893WH T893BL T893SL	Finish White Black Silver	Lamp 75W max. PAR30	Dimensions 
	Catalog # T898WH T898BL T898SL	Finish White Black Silver	Lamp 150W max. PAR38	Dimensions 

Accessories

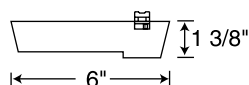
For Fixtures:	T890	T893
Dual Accessory Holder*	–	T893MC-WH, -BL, -SL
Color Filters	T741-6	T561-6*
Dichroic Filters	T7401-18	T5601-18*
Diffusion Lens	T7420	T5620*
Uniformity Lens	T7421	T5621*
UV Filter	T7422	T5622*
Prismatic Spread Lens	T7477	T5677*
Linear Spread Lens	T7478	T5678*
Hexcell Louver	T7459BL	–
Cube Cell Louver	–	T569BL*

* Filters, lenses, and louver require dual accessory holder for installation.

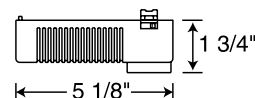
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U


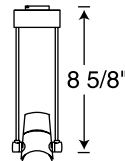

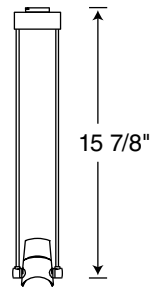

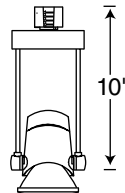

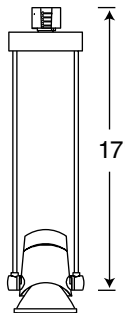


T538



Trapezia™

Slender 9-inch or 16-inch nominal length tubes conceal supply wires feeding into an elegantly sculpted die cast lamp housing. The light, airy appearance is great for display, exhibition and gallery lighting, and the downward reach can make pendant mounting of trac unnecessary.

	Catalog # T630-9-WH T630-9-BL T630-9-SL	Finish White Black Silver	Lamp 12V, 50W max. MR16CG Cover Glass	Dimensions  8 5/8"
T537 or T538 Transformer required. Must order separately. See Low Voltage Transformers section for detailed information.				
	Catalog # T630-16-WH T630-16-BL T630-16-SL	Finish White Black Silver	Lamp 12V, 50W max. MR16CG Cover Glass	Dimensions  15 7/8"
T537 or T538 Transformer required. Must order separately. See Low Voltage Transformers section for detailed information.				
	Catalog # T635-9-WH T635-9-BL T635-9-SL	Finish White Black Silver	Lamp 75W max. PAR30	Dimensions  10"
	Catalog # T635-16-WH T635-16-BL T635-16-SL	Finish White Black Silver	Lamp 75W max. PAR30	Dimensions  17"

Accessories

For Fixtures: T630-9, T630-16

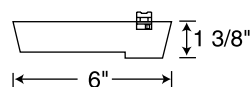
Dual Accessory Holder	T7400BL, SA
Color Filters	T741-6*
Dichroic Filters	T7401-18*
Diffusion Lens	T7420*
Uniformity Lens	T7421*
UV Filter	T7422*
Prismatic Spread Lens	T7477*
Linear Spread Lens	T7478*
Hexcell Louver	T7459BL
Barn Doors	T7470BL*

* Filters, lenses, louver and barn doors require accessory holder for installation.
Use of light control accessories negates the need for MR16 cover glass lamp (except Barn Doors).

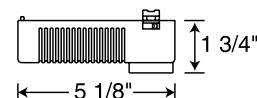
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Gyrus™

A new spin on a classic design, the Gyrus series combines dramatic aerodynamic styling with the convenience of a front relamping gimbal ring. The MR16 has an integral accessory holder that accepts up to two standard 2" diameter lenses or louver. An optional snap-in, dual accessory holder is available for the PAR30 that smartly integrates into the fixture design.



Catalog

T640WH
T640BL
T640SL

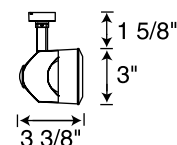
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16

Dimensions



T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.



Catalog

T645WH
T645BL
T645SL

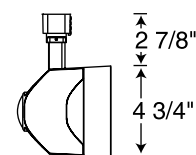
Finish

White
Black
Silver

Lamp

75W max. PAR30

Dimensions



Accessories

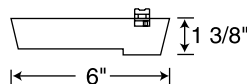
For Fixtures:	T640	T645
Dual Accessory Holder*	–	T645MC-WH, -BL, -SL
Color Filters	T741-6	T561-6*
Dichroic Filters	T7401-18	T5601-18*
Diffusion Lens	T7420	T5620*
Uniformity Lens	T7421	T5621*
UV Filter	T7422	T5622*
Prismatic Spread Lens	T7477	T5677*
Linear Spread Lens	T7478	T5678*
Hexcell Louver	T7459BL	–
Cube Cell Louver	–	T569BL*

* Filters, lenses, and louver require dual accessory holder for installation.

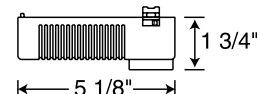
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538





Wishbones

An elegant interpretation of the popular gimbal ring fixture, the sculpted “wishbone” yoke and contoured socket cup produce a most pleasing combination of form and proportion. A special 360° rotation feature on this series eliminates aiming dead zones.



Catalog

T480WH

T480BL

T480SL

Finish

White

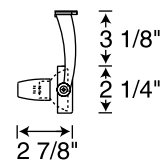
Black

Silver

Lamp

12V, 50W max. MR16

Dimensions



T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.



Catalog

T485WH

T485BL

Finish

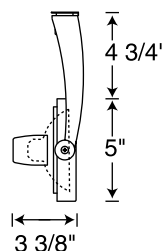
White

Black

Lamp

12V, 75W max. AR111

Dimensions



T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

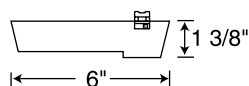
Accessories

For Fixtures:	T480	T485
Color Filters	T551-6	T571-6
Dichroic Filters	T5501-18	T5701-18
Diffusion Lens	T5520	T5720
Uniformity Lens	T5521	T5721
UV Filter	T5522	T5722
Prismatic Spread Lens	T557	T5777
Linear Spread Lens	T559	T5778
Hexcell Louver	T5559BL	–
Cube Cell Louver	–	T579BL
Black Eyebrow	T556BL	T587BL
Black Snoot	T558BL	–
Black Barn Doors	T74BL	–

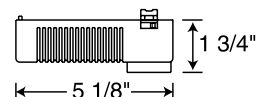
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538





Catalog

T482WH
T482BL
T482SL
T482SC

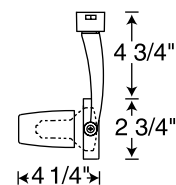
Finish

White
Black
Silver
Satin Chrome Ring
with Black Yoke

Lamp

50W max. PAR20

Dimensions



Catalog

T483WH
T483BL
T483SL
T483SC

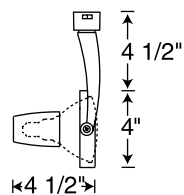
Finish

White
Black
Silver
Satin Chrome Ring
with Black Yoke

Lamp

75W max. PAR30

Dimensions



Catalog

T487WH
T487BL
T487SL

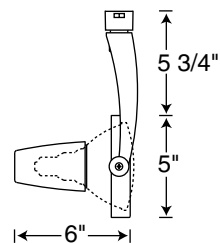
Finish

White
Black
Silver

Lamp

150W max. PAR38

Dimensions



Accessories

For Fixtures:	T483	T487
Color Filters	T561-6	T571-6
Dichroic Filters	T5601-18	T5701-18
Diffusion Lens	T5620	T5720
Uniformity Lens	T5621	T5721
UV Filter	T5622	T5722
Prismatic Spread Lens	T5677	T5777
Linear Spread Lens	T5678	T5778
Cube Cell Louver	T569BL	T579BL
Black Eyebrow	T577BL	T587BL

Wireforms®

Juno's timeless, patented Wireform design encircles line and low voltage halogen lamps in a light, technically appealing frame.



Catalog

T430WH

T430BL

Finish

White

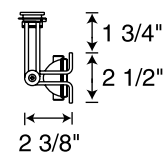
Black

Lamp

12V, 50W max. MR16

T537 or T538 transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Accessories

For Fixture:

T430

Color Filters

T551-6

Dichroic Filters

T5501-18

Diffusion Lens

T5520

Uniformity Lens

T5521

UV Filter

T5522

Prismatic Spread Lens

T557

Linear Spread Lens

T559

Hexcell Louver

T5559BL

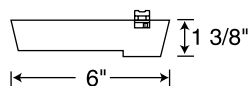
Black Barn Doors

T74BL

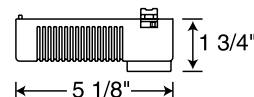
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538





Catalog

T431WH
T431BL
T431SL

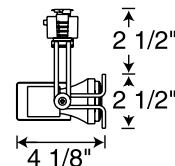
Finish

White
Black
Silver

Lamp

60W max. PAR16

Dimensions



Catalog

T433WH
T433BL
T433SL
T433SC

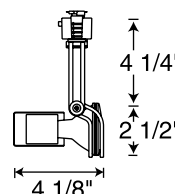
Finish

White
Black
Silver
Satin Chrome

Lamp

50W max. PAR20

Dimensions



Catalog

T435WH
T435BL
T435SL
T435SC

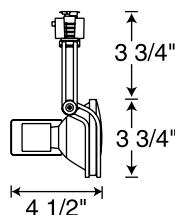
Finish

White
Black
Silver
Satin Chrome

Lamp

75W max. PAR30

Dimensions



Catalog

T437WH
T437BL
T437RD

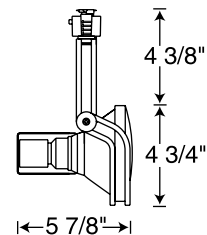
Finish

White
Black
Red

Lamp

250W max. PAR38

Dimensions



Accessories

For Fixtures:	T431	T433	T435	T437
Color Filters	—	T561-6*	T561-6*	T571-6*
Dichroic Filters	—	T5601-18*	T5601-18*	T5701-18*
Diffusion Lens	—	T5620*	T5620*	T5720*
Uniformity Lens	—	T5621*	T5621*	T5721*
UV Filter	—	T5622*	T5622*	T5722*
Prismatic Spread Lens	—	T5677*	T5677*	T5777*
Linear Spread Lens	—	T5678*	T5678*	T5778*
Cube Cell Louver	—	T569BL*	T569BL*	T579BL*
Black Barn Doors	T74BL	TW75BL	TW71BL*	TW72BL

* Filters, lenses and louver require barn doors for installation.

Delta 200 Series®

An angular, die cast fixture body and rod-supported lamp bezel create a semi-exposed, technical appearance. The front bezel supports accessory lenses and louvers for custom-tailored lighting effects.



Catalog

T216WH
T216BL
T216SL

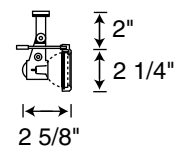
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16

Dimensions



T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.



Catalog

TP216WH
TP216BL
TP216SL

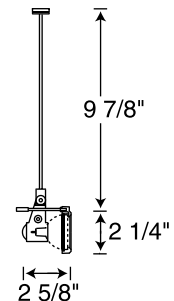
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16

Dimensions



T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Accessories

For Fixtures:

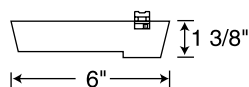
T216, TP216

Color Filters	T551-6
Dichroic Filters	T5501-18
Diffusion Lens	T5520
Uniformity Lens	T5521
UV Filter	T5522
Prismatic Spread Lens	T557
Linear Spread Lens	T559
Hexcell Louver	T5559BL
Black Snoot	T558BL
Black Barn Doors	T74BL

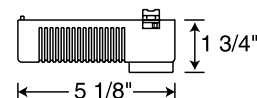
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538





Catalog

T218WH
T218BL
T218SL

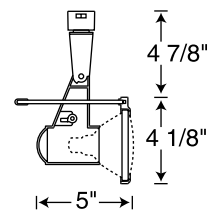
Finish

White
Black
Silver

Lamp

75W max. PAR30

Dimensions



Catalog

T219WH
T219BL
T219SL

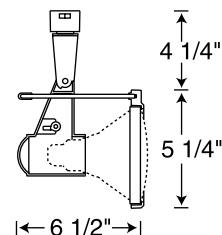
Finish

White
Black
Silver

Lamp

150W max. PAR38

Dimensions



Accessories

For Fixtures:	T218	T219
Accessory Holder	T660BL	T670BL
Color Filters	T561-6*	T571-6*
Dichroic Filters	T5601-18*	T5701-18*
Diffusion Lens	T5620	T5720
Uniformity Lens	T5621*	T5721*
UV Filter	T5622*	T5722*
Prismatic Spread Lens	T5677*	T5777*
Linear Spread Lens	T5678*	T5778*
Cube Cell Louver	T569BL	T579BL
Black Eyebrow	T577BL	T587BL

* Filters and lenses require accessory holder for installation.

Flybacks

Uniquely angled back from the trac at 45 degrees, Flyback fixtures add visual energy into a space



Catalog

T227WH
T227BL

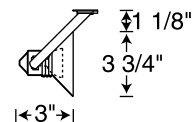
Finish

White
Black

Lamp

12V, 50W max. MR16CG
Cover Glass

Dimensions



T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.



Catalog

T228WH
T228BL
T228SC

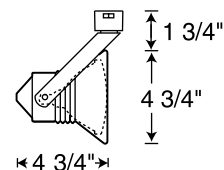
Finish

White
Black
Satin Chrome

Lamp

75W max. PAR30

Dimensions



Catalog

T229WH
T229BL

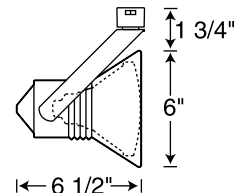
Finish

White
Black

Lamp

150W max. PAR38

Dimensions



Accessories

For Fixture:

T227

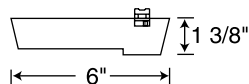
Accessory Holder	T7400BL, SA
Color Filters	T741-6*
Dichroic Filters	T7401-18*
Diffusion Lens	T7420*
Uniformity Lens	T7421*
UV Filter	T7422*
Prismatic Spread Lens	T7477*
Linear Spread Lens	T7478*
Hexcell Louver	T7459BL*

* Filters, lenses and louver require accessory holder for installation.
Use of light control accessories negates the need for MR16 cover glass lamp.

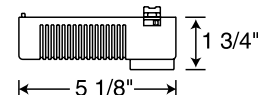
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U




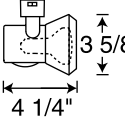
T538




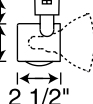
Close-Ups

As the name implies, this compact, stylish lampholder hugs close to the trac for minimum intrusion into a space. The softly sculpted back detail and metal shades are welcome design refinements for many interiors.


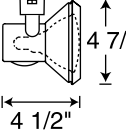
PAR20 - Enclosed

	Catalog #	Finish	Lamp	Dimensions
	T220WH T220BL T220SC	White Black Satin Chrome Shade with Black Socket Housing	50W max. PAR20	 1 1/2" 2 1/4" 3 5/8" 4 3/8" 4 1/4"


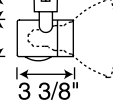
PAR30 - Open

	Catalog #	Finish	Lamp	Dimensions
	T230WH T230BL	White Black	75W max. PAR30	 1 1/2" 2 1/4" 2 1/2"


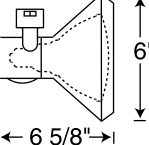
PAR30 - Enclosed

	Catalog #	Finish	Lamp	Dimensions
	T231WH T231BL T231SC	White Black Satin Chrome Shade with Black Socket Housing	75W max. PAR30	 1 1/2" 2 1/4" 4 7/8" 4 1/2"

PAR38 - Open

	Catalog #	Finish	Lamp	Dimensions
	T238WH T238BL	White Black	150W max. PAR38	 1 1/2" 2 1/4" 3 3/8"

PAR38 - Enclosed

	Catalog #	Finish	Lamp	Dimensions
	T239WH T239BL	White Black	120W max. PAR38	 1 1/2" 2 1/4" 6" 6 5/8"

Studio II

Available with or without integral barn doors, Studio II fixtures add a contemporary stage and studio flavor into an environment. Supplied with black finish integral accessory holder or barn doors.



Catalog

T291WH
T291BL
T291SL

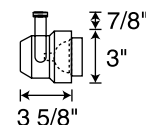
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16

Dimensions



T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.



Catalog

T293WH
T293BL
T293SL

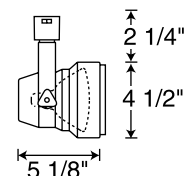
Finish

White
Black
Silver

Lamp

75W max. PAR30

Dimensions



Catalog

T292BL
T292SL

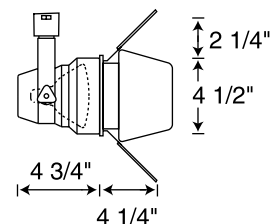
Finish

Black
Silver

Lamp

75W max. PAR30

Dimensions



Barn doors accept
one lens, filter or louver.

Accessories

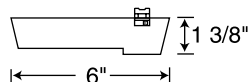
For Fixtures:	T291	T292	T293
Color Filters	T551-6*	T571-6	T561-6
Dichroic Lenses	T5501-18*	T5701-18	T5601-18
Diffusion Lens	T5520*	T5720	T5620
Uniformity Lens	T5521*	T5721	T5621
UV Filter	T5522*	T5722	T5622
Prismatic Spread Lens	T557*	T5777	T5677
Linear Spread Lens	T559*	T5778	T5678
Hexcell Louver	T5559BL*	—	—
Cube Cell Louver	—	T579BL	T569BL

* Filters, lenses and louver replace clear glass supplied with MR16 fixtures.

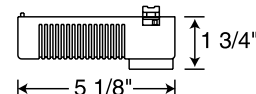
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538





Catalog #

T294WH
T294BL
T294SL

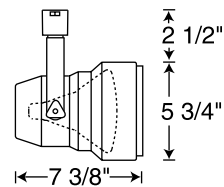
Finish

White
Black
Silver

Lamp

150W max. PAR38

Dimensions



Catalog #

T296BL
T296SL

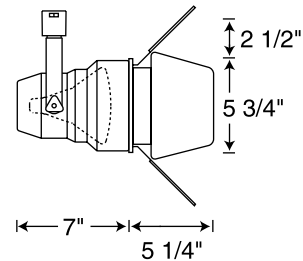
Finish

Black
Silver

Lamp

150W max. PAR38

Dimensions




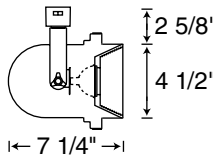
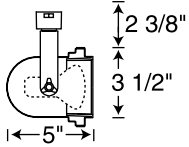

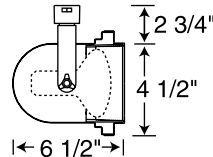

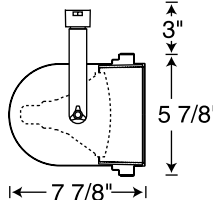
Barn doors accept one filter or louver

Accessories

For Fixtures:	T294	T296
Color Filters	T571-6	T581-6
Dichroic Filters	T5701-18	—
Diffusion Lens	T5720	—
Uniformity Lens	T5721	—
UV Filter	T5722	—
Prismatic Spread Lens	T5777	—
Linear Spread Lens	T5778	—
Cube Cell Louver	T579BL	T589BL

Studio I

This classic nautical look is especially popular in traditional design settings. Its exquisite detailing and functional black baffle make it an important design element as well as an effective luminaire. The MR16 version is manufactured with an integral magnetic transformer which is especially useful in rough-duty applications.

	Catalog # T338WH	Finish White	Lamp 12V, 50W max. MR16	Dimensions  Integral 12V Magnetic Transformer
	Catalog # T393WH	Finish White	Lamp 50W max. R20/ 50W max. PAR20	Dimensions 
	Catalog # T395WH	Finish White	Lamp 75W max. BR30 or 75W max. PAR30L	Dimensions 
	Catalog # T397WH	Finish White	Lamp 150W max. PAR38 or 120W max. BR40	Dimensions 

Accessories

For Fixtures:	T338**	T393	T395	T397
Accessory Holder	T570BL	T560BL	T570BL	T580BL
Color Filters	T571-6	T561-6*	T571-6*	T581-6*
Color Filters	T551-5	—	—	—
Dichroic Filters	T5501-18	T5601-18*	T5701-18*	—
Dichroic Filters	T5701-18	—	—	—
Diffusion Lens	T5520	T5620*	T5720*	—
Uniformity Lens	T5521	T5621*	T5721*	—
UV Filter	T5522	T5622*	T5722*	—
Prismatic Spread Lens	T557	T5677*	T5777*	—
Linear Spread Lens	T559	T5678*	T5778*	—
Hexcell Louver	T5559BL	—	—	—
Cube Cell Louver	T579BL	T569BL*	T579BL*	T589BL*
White Barn Doors	—	—	—	T73WH
Black Barn Doors	T72BL	T71BL	T72BL	T73BL

* Filters, lenses and louver require accessory holder for installation.

** T338 can accept one 1 3/4" filter, lens or louver in place of clear glass supplied with MR16 fixtures; in addition, it can also accept one 4 11/16" filter, lens or louver when combined with accessory holder or barn doors.

Theatrical Lights

The classic stage and studio design and integral barn doors evoke the feeling of theatrical lighting.



Catalog

T290BL

Finish

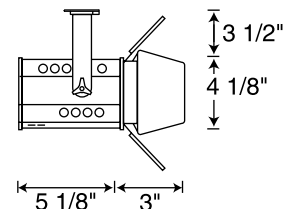
Black

Lamp

12V, 75W max. MR16

T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Catalog

T295BL

Finish

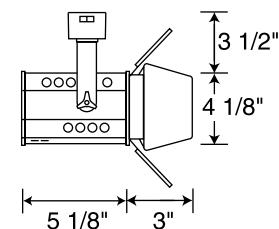
Black

Lamp

50W max. R20 or
50W max. PAR20

Barn doors accept
one filter or louver

Dimensions



Accessories

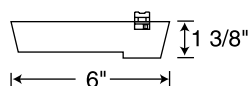
For Fixtures:	T290*	T295
Color Filters	T551-6	T561-6
Dichroic Filters	T5501-18	T5601-18
Diffusion Lens	T5520	T5620
Uniformity Lens	T5521	T5621
UV Filter	T5522	T5622
Prismatic Spread Lens	T557	T5677
Linear Spread Lens	T559	T5678
Hexcell Louver	T5559BL	—
Cube Cell Louver	—	T569BL

* Filters, lenses and louver replace clear glass supplied with MR16 fixtures.
Barn Doors on T290 will also accept one additional accessory if desired—
select from list of T295 accessories.

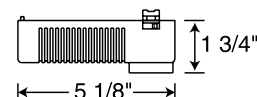
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Open Back Gimbals

Gimbal rings are ever popular due to their long-standing use as an economical, general-purpose trac lampholder.



Catalog

T362WH

T362BL

T362SC

Finish

White

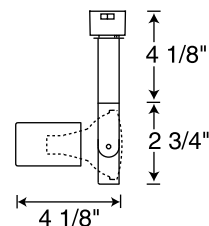
Black

Satin Chrome

Lamp

50W max. PAR20

Dimensions



Catalog

T363WH

T363BL

T363SC

T363NA

Finish

White

Black

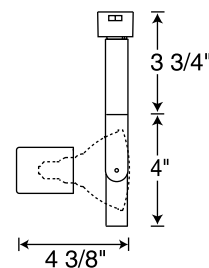
Satin Chrome

Natural

Lamp

75W max. PAR30

Dimensions



Catalog

T368WH

T368BL

T368SC

T368NA

Finish

White

Black

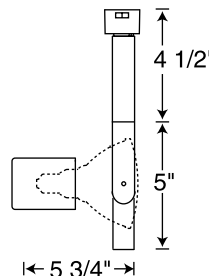
Satin Chrome

Natural

Lamp

150W max. PAR38

Dimensions



Note: The Natural (NA) finish is merely a raw finish with a clear protective coating applied—inconsistencies, scratches, and minor processing marks are part of the unique aesthetic created by this process and should be expected.

Accessories

For Fixture:

T368

Color Filters

T571-6

Dichroic Filters

T5701-18

Diffusion Lens

T5720

Uniformity Lens

T5721

UV Filter

T5722

Prismatic Spread Lens

T5777

Linear Spread Lens

T5778

Cube Cell Louver

T579BL

Front Lamping Gimbals

A Juno innovation, the front-loading gimbal ring combines the practicality, versatility and economy of traditional gimbal ring trac fixtures with a fixed socket housing to allow simplified front relamping.



Catalog

T687WH
T687BL
T687SL
T687NA

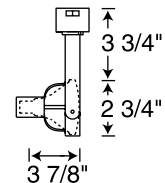
Finish

White
Black
Silver
Natural

Lamp

50W max. PAR20

Dimensions



Catalog

T689WH
T689BL
T689SL
T689NA

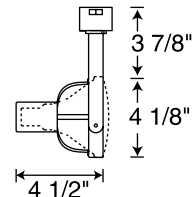
Finish

White
Black
Silver
Natural

Lamp

75W max. PAR30

Dimensions



Catalog

T690WH
T690BL
T690SL
T690NA

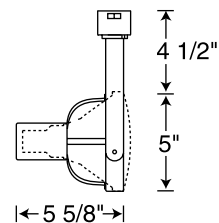
Finish

White
Black
Silver
Natural

Lamp

250W max. PAR38

Dimensions



Note: The Natural (NA) finish is merely a raw finish with a clear protective coating applied—
inconsistencies, scratches, and minor processing marks are part of the unique aesthetic
created by this process and should be expected.

Universals

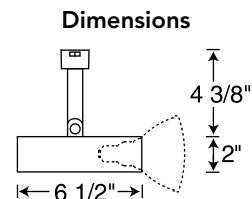
These economical, universal lampholders accept a wide range of wattages and sizes of popular halogen PAR and incandescent R/BR lamps.



Catalog #
T301WH
T301BL

Finish
 White
 Black

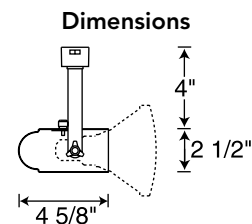
Lamp
 50W max. R20/
 50W max. PAR20/
 85W max. BR30/
 75W max. PAR30/
 120W max. BR40/
 250W max. PAR38



Catalog #
T308WH
T308BL

Finish
 White
 Black

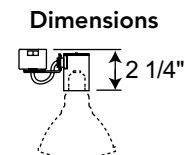
Lamp
 50W max. R20/
 50W max. PAR20/
 85W max. BR30/
 75W max. PAR30/
 120W max. BR40/
 150W max. PAR38



Catalog #
T359WH

Finish
 White

Lamp
 50W max. R20/
 50W max. PAR20/
 85W max. BR30/
 75W max. PAR30/
 120W max. BR40/
 250W max. PAR38

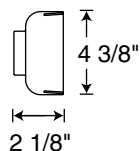

Accessories

For Fixture:

T308

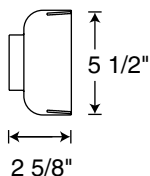
Baffled hood with black baffle for
 65W max. BR30/75W max. PAR30L


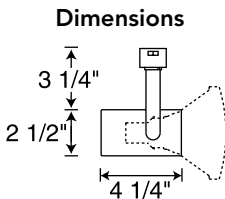

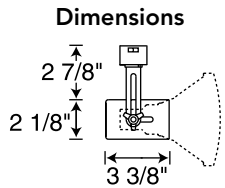
T63WH
T63BL



Baffled hood with black baffle for
 120W max. BR40/150W max. PAR38

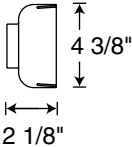
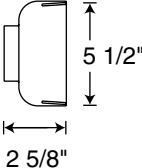
T64WH
T64BL



	Catalog #	Finish	Lamp	Dimensions
	T620WH T620BL	White Black	50W max. R20/ 50W max. PAR20/ 85W max. BR30/ 75W max. PAR30/ 120W max. BR40/ 150W max. PAR38	
	Catalog #	Finish	Lamp	Dimensions
	T691WH T691BL T691NA	White Black Natural	60W max. PAR16/ 50W max. PAR20/ 75W max. PAR30/ 150W max. PAR38	

Note: The Natural (NA) finish is merely a raw finish with a clear protective coating applied—inconsistencies, scratches, and minor processing marks are part of the unique aesthetic created by this process and should be expected.

Accessories

For Fixture:	T620
Baffled hood with black baffle for 65W max. BR30/75W max. PAR30L	<div> <div>T63WH T63BL</div>  </div>
Baffled hood with black baffle for 120W max. BR40/150W max. PAR38	<div> <div>T64WH T64BL</div>  </div>

Mini-PARs

Cylindrical trac fixtures pre-date the availability of halogen PAR lamps and are typically sized for the longer incandescent reflector lamps. Juno Mini-PARs are optimized around the shorter dimension of halogen PAR lamps, thus offering a more contemporary, compact appearance.

Round Back



Catalog

T420W-WH

T420B-WH

T420B-BL

T420B-SC

Finish

White/White Baffle

White/Black Baffle

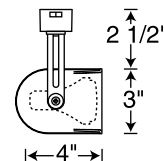
Black/Black Baffle

Satin Chrome/Black Baffle

Lamp

60W max. PAR16

Dimensions



Flat Back



Catalog

T421W-WH

T421B-WH

T421B-BL

Finish

White/White Baffle

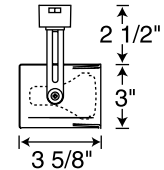
White/Black Baffle

Black/Black Baffle

Lamp

60W max. PAR16

Dimensions



Catalog

T423W-WH

T423B-WH

T423B-BL

T423B-SC

Finish

White/White Baffle

White/Black Baffle

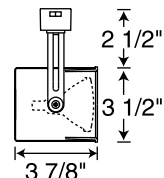
Black/Black Baffle

Satin Chrome/Black Baffle

Lamp

50W max. PAR20

Dimensions



Catalog

T425W-WH

T425B-WH

T425B-BL

T425B-SC

Finish

White/White Baffle

White/Black Baffle

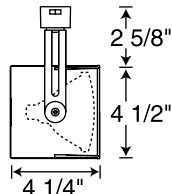
Black/Black Baffle

Satin Chrome/Black Baffle

Lamp

75W max. PAR30

Dimensions



Catalog

T427W-WH

T427B-BL

Finish

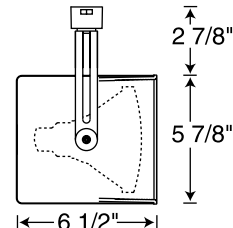
White/White Baffle

Black/Black Baffle

Lamp

250W max. PAR38

Dimensions



Accessories

For Fixtures:

	T423	T425	T427
Accessory Holder	T560BL	T570BL	T580BL
Color Filters	T561-6*	T571-6*	T581-6*
Dichroic Filters	T5601-18*	T5701-18*	—
Diffusion Lens	T5620*	T5720*	—
Uniformity Lens	T5621*	T5721*	—
UV Filter	T5622*	T5722*	—
Prismatic Spread Lens	T5677*	T5777*	—
Linear Spread Lens	T5678*	T5778*	—
Cube Cell Louver	T569BL*	T579BL*	T589BL*
White Barn Doors	—	—	T73WH
Black Barn Doors	T71BL	T72BL	T73BL

* Filters, lenses and louver require accessory holder or barn doors for installation.

Flat Back Cylinders

These long-standing traditional lampholders accept a wide range of both halogen PAR and incandescent R/BR lamps and provide deep lamp shielding. The MR16 version is manufactured with an integral magnetic transformer which is especially useful in rough-duty applications.



Catalog

T340WH
T340BL

Integral 12V Magnetic Transformer

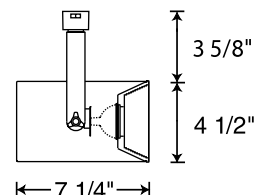
Finish

White
Black

Lamp

12V, 50W max. MR16

Dimensions



Catalog

T311WH
T311BL

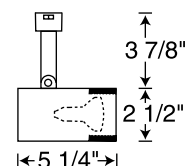
Finish

White/Black Baffle
Black/Black Baffle

Lamp

40W max. R14 or
40W max. R16
Intermediate Screw Base

Dimensions



Catalog

T313W-WH
T313B-WH
T313B-BL

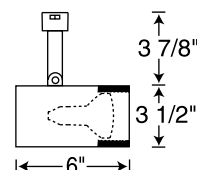
Finish

White/White Baffle
White/Black Baffle
Black/Black Baffle

Lamp

50W max. R20/
50W max. PAR20

Dimensions



Catalog

T315W-WH
T315B-WH
T315B-BL

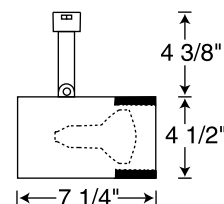
Finish

White/White Baffle
White/Black Baffle
Black/Black Baffle

Lamp

75W max. BR30 or
75W max. PAR30L

Dimensions



Accessories

For Fixtures:	T340**	T313	T315
Accessory Holder	T570BL	T560BL	T570BL
Color Filters	T571-6	T561-6*	T571-6*
Color Filters	T551-6	—	—
Dichroic Filters	T5501-18	T5601-18*	T5701-18*
Dichroic Filters	T5701-18		
Diffusion Lens	T5520	T5620*	T5720*
Uniformity Lens	T5521	T5621*	T5721*
UV Filter	T5522	T5622*	T5722*
Prismatic Spread Lens	T557	T5677*	T5777*
Linear Spread Lens	T559	T5678*	T5778*
Hexcell Louver	T5559BL	—	—
Cube Cell Louver	T579BL	T569BL*	T579BL*
Black Barn Doors	T72BL	T71BL	T72BL

* Filters, lenses and louver require accessory holder or barn doors for installation.

** T340 can accept one 1 3/4" filter, lens or louver in place of clear glass supplied with MR16 fixtures; in addition, it can also accept one 4 11/16" filter, lens or louver when combined with accessory holder or barn doors.



Catalog

T317W-WH
T317B-WH
T317B-BL

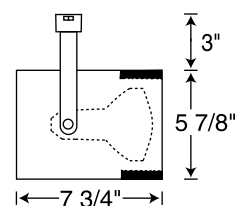
Finish

White/White Baffle
White/Black Baffle
Black/Black Baffle

Lamp

120W max. BR40 or
150W max. PAR38

Dimensions



Catalog

T342W-WH
T342B-WH
T342B-BL

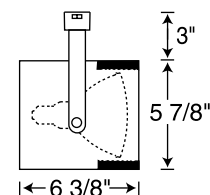
Finish

White/White Baffle
White/Black Baffle
Black/Black Baffle

Lamp

250W max. PAR38

Dimensions



Accessories

For Fixtures: T317, T342

Accessory Holder	T580BL
Color Filters	T581-6*
Cube Cell Louver	T589BL*
White Barn Doors	T73WH
Black Barn Doors	T73BL

* Filters and louver require accessory holder or barn doors for installation.

Round Back Cylinders

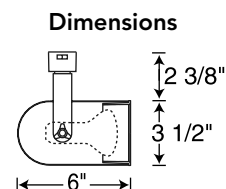
The timeless round-back shape accepts a range of both halogen PAR and incandescent R/BR lamps and provides deep lamp shielding.



Catalog #
T326W-WH
T326B-WH
T326B-BL

Finish
White/White Baffle
White/Black Baffle
Black/Black Baffle

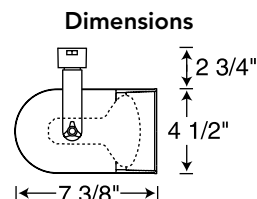
Lamp
50W max. R20/
50W max. PAR20



Catalog #
T327W-WH
T327B-WH
T327B-BL

Finish
White/White Baffle
White/Black Baffle
Black/Black Baffle

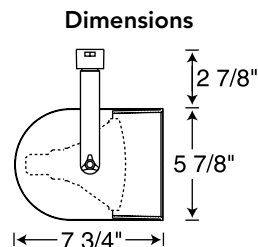
Lamp
75W max. BR30 or
75W max. PAR30L



Catalog #
T328W-WH
T328B-WH
T328B-BL

Finish
White/White Baffle
White/Black Baffle
Black/Black Baffle

Lamp
120W max. BR40 or
150W max. PAR38



Accessories

For Fixtures:	T326	T327	T328
Accessory Holder	T560BL	T570BL	T580BL
Color Filters	T561-6*	T571-6*	T581-6*
Dichroic Filters	T5601-18*	T5701-18*	—
Diffusion Lens	T5620*	T5720*	—
Uniformity Lens	T5621*	T5721*	—
UV Filter	T5622*	T5722*	—
Prismatic Spread Lens	T5677*	T5777*	—
Linear Spread Lens	T5678*	T5778*	—
Cube Cell Louver	T569BL*	T579BL*	T589BL*
White Barn Doors	—	—	T73WH
Black Barn Doors	T71BL	T72BL	T73BL

* Filters, lenses and louver require accessory holder or barn doors for installation.

Step Cylinders

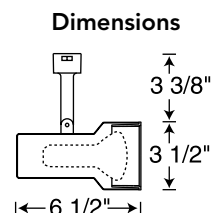
One of the original trac lampholder designs, step cylinders are still popular for more utilitarian applications. They accept a range of both halogen PAR and incandescent R/BR lamps and provide deep lamp shielding.



Catalog #
T303W-WH
T303B-WH
T303B-BL

Finish
White/White Baffle
White/Black Baffle
Black/Black Baffle

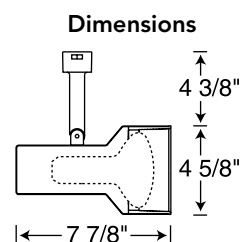
Lamp
50W max. R20/
50W max. PAR20



Catalog #
T305W-WH
T305B-WH
T305B-BL

Finish
White/White Baffle
White/Black Baffle
Black/Black Baffle

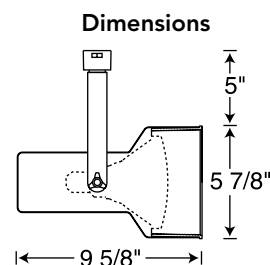
Lamp
75W max. BR30 or
75W max. PAR30L



Catalog #
T307B-WH
T307B-BL

Finish
White/Black Baffle
Black/Black Baffle

Lamp
120W max. BR40 or
150W max. PAR38



Accessories

For Fixtures:	T303	T305	T307
Accessory Holder	T560BL	T570BL	T580BL
Color Filters	T561-6*	T571-6*	T581-6*
Dichroic Filters	T5601-18*	T5701-18*	—
Diffusion Lens	T5620*	T5720*	—
Uniformity Lens	T5621*	T5721*	—
UV Filter	T5622*	T5722*	—
Prismatic Spread Lens	T5677*	T5777*	—
Linear Spread Lens	T5678*	T5778*	—
Cube Cell Louver	T569BL*	T579BL*	T589BL*
White Barn Doors	—	—	T73WH
Black Barn Doors	T71BL	T72BL	T73BL

* Filters, lenses and louver require accessory holder or barn doors for installation.

Halogen Flood

These economical floodlights provide crisp, white halogen light from a very compact fixture. The integral barn doors on the T366 provide brightness control and allow shaping of the light cut-off.



Catalog

T366WH
T366BL

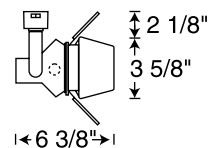
Finish

White
Black

Lamp

75-250W T4
DC Bayonet

Dimensions



Catalog

T367WH

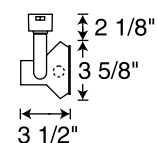
Finish

White

Lamp

75-250W T4
DC Bayonet

Dimensions



RLMs

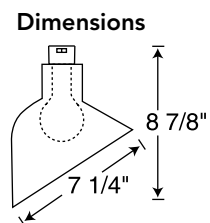
These pendant and wall wash fixtures capture the ambience of old-world industrial and loft spaces for which they were originally designed. They take advantage of economical A-lamps to produce soft, even illumination.



Catalog #
T371WH

Finish
White

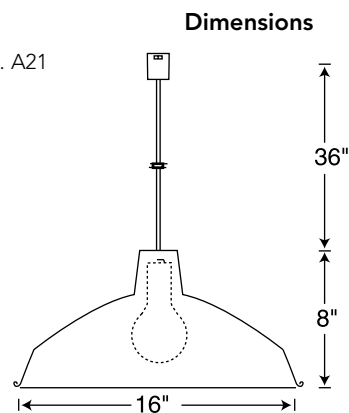
Lamp
100W max. A19/150W max. A21



Catalog #
T372WH

Finish
White

Lamp
100W max. A19/150W max. A21





Low voltage fixtures are one of the most widely used tools to create effective, dramatic accent lighting. Most of the Juno offering of low voltage fixtures is presented in this section for ease of selection, many of which are compatible with state-of-the-art LED lamps.

Precise Beam Control

Low voltage lamps are available in a wide variety of precise beam patterns from pin-spots to floods. Combined with lens accessories, an infinite range of exacting effects is possible.

Crisp, White Light

The point source and white-light characteristics of low voltage lamps render the color and dimension of objects with exceptional clarity.

Miniature Size

Low voltage lamps, and the fixtures that house them, are of a small scale that can integrate more unobtrusively into lighting designs.

Energy Efficiency

Low voltage lamps produce substantially more usable accent lighting per watt of energy as compared with line voltage halogen sources. Due to their miniature size, they often can be positioned closer to an object being illuminated, thus requiring less wattage to create the desired effect. MR16 LED lamps, with their even higher efficacies and longer service life, offer a very attractive alternative to halogen MR16s.

Cool Beam

MR16 halogen lamps are commonly available with dichroic reflector coatings that allow the infrared energy to pass out the back of the lamp, projecting mostly visible light forward. LED lamps have no forward projected heat. Each of these lamp types reduces the projected heat on objects and people in a space.

Long Life

The compact filament of low voltage halogen lamps is very rugged and results in lamp life up to 6000 hours. Low voltage LED lamps can offer rated life up to 50,000 hours, effectively eliminating lamp maintenance in many applications.

Juno High-Quality Electronic Transformers

Juno low voltage electronic transformers are designed to provide 40,000-hour life even in higher 40-degree centigrade elevated ambient temperatures. They are FCC certified to the highest noise limiting standards to minimize the potential for radio interference and provide quiet operation even when dimmed. Juno offers universal LED-compatible transformers for applications that use LED lamps.



Trac-Master® | Low Voltage

MR16 LED-Compatible Lampholders

T1016, T1040, T1041, T1042 and T1043

These low voltage fixtures offer both mechanical and electrical compatibility with most MR16 LED lamps (by others). Constructed with open or semi-open designs, this series provides for improved airflow around the lamp, leading to better cooling and optimized LED lamp life. They may also be used with MR16 halogen lamps with integral cover glass. Versions are available with either a horizontal or vertical transformer housing. The horizontal version has an integral transformer housing which is centered above the lampholder, offering a new and unique aesthetic in a small, close-to-the-trac fixture footprint. The vertical version minimizes the fixture footprint and displaces the lampholder away from the trac, making it ideal for installation in ceiling channels. Fixtures are dimming-compatible (with dimmable lamps) – contact lamp manufacturer to confirm full compatibility.



Vertical Gimbal16

Catalog

T1016V-WH
T1016V-BL
T1016V-SL

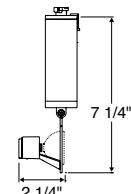
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

Dimensions



Vertical Lily16

Catalog

T1040V-WH
T1040V-BL
T1040V-SL

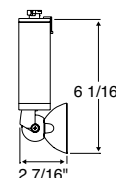
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

Dimensions



Vertical Arc16

Catalog

T1041V-WH
T1041V-BL
T1041V-SL

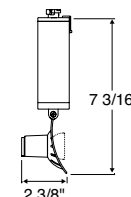
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

Dimensions



Vertical Concentricity16

Catalog

T1042V-WH
T1042V-BL
T1042V-SL

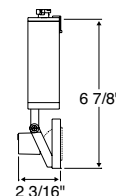
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

Dimensions



Vertical Cone16

Catalog

T1043V-WH
T1043V-BL
T1043V-SL

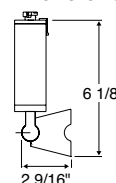
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

Dimensions





Trac-Master® | Low Voltage

MR16 LED-Compatible Lampholders

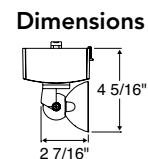


Horizontal Lily16

Catalog #
T1040H-WH
T1040H-BL
T1040H-SL

Finish
White
Black
Silver

Lamp
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

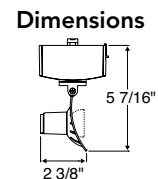


Horizontal Arc16

Catalog #
T1041H-WH
T1041H-BL
T1041H-SL

Finish
White
Black
Silver

Lamp
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

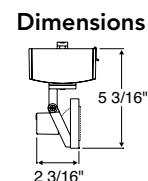


Horizontal Concentricity16

Catalog #
T1042H-WH
T1042H-BL
T1042H-SL

Finish
White
Black
Silver

Lamp
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass

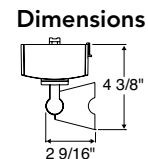


Horizontal Cone16

Catalog #
T1043H-WH
T1043H-BL
T1043H-SL

Finish
White
Black
Silver

Lamp
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass
12V, 50W max. MR16CG Cover Glass



Mamba®

The Mamba is a strikingly original, front loading gimbal ring design. Gracefully curved and tapered elements flow into a gimbal ring that appears to float, while the gently scooped socket housing reinforces a concave/convex theme. Mamba for Trac-Master low voltage is designed to use 50W max. MR16CG lamps with integral cover glass. Media cartridges are not available for this fixture due to the unique characteristics of the gimbal ring design.



Catalog

T860WH

T860BL

T860SL

Finish

White

Black

Silver

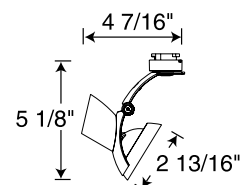
Lamp

12V, 50W max. MR16CG

Cover Glass

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Facet®

Sweeping lines, arresting angles, and a brilliant lack of symmetry result in a totally unexpected design. Concealed wiring completes the ultra-clean appearance. Facet for Trac-Master low voltage is designed to use with 50W max. MR16 lamps. A dual accessory media cartridge is standard on the MR16 fixture.



Catalog

T850WH

T850BL

T850SL

Finish

White

Black

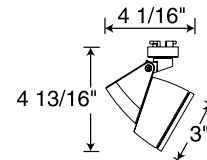
Silver

Lamp

12V, 50W max. MR16

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Cubix®

The Cubix is a study of the visual relationship between two different geometric forms: the ring and the cube. In this design, the stem becomes a central element, forming a pleasing visual extension of the cube form. Concealed wiring offers an ultra-clean appearance. Cubix for Trac-Master is designed to use 50W max. MR16 lamps. A dual accessory media cartridge is standard on the MR16 fixture.



Catalog

T890WH

T890BL

T890SL

Finish

White

Black

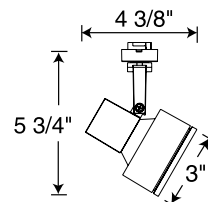
Silver

Lamp

12V, 50W max. MR16

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Accessories

For Fixtures:

T850, T890

Color Filters

T741-6

Dichroic Filters

T7401-18

Diffusion Lens

T7420

Uniformity Lens

T7421

UV Filter Lens

T7422

Prismatic Spread Lens

T7477

Linear Spread Lens

T7478

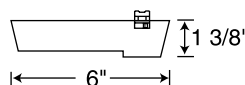
Hexcell Louver

T7459BL

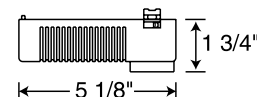
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Cylindra™

Applying a new twist to a traditional design, Cylindra Series offers a unique, contemporary aesthetic based on a step cylinder fixture platform. Gentle arcs elegantly blend with bold edges to provide a unique yet timeless visual appeal. The Cylindra Trac-Master low voltage is designed to use 50W max. MR16 lamps. Each Cylindra fixture is supplied with an integral bayonet mount media cartridge that is designed to simultaneously accept up to two light control accessories.



Catalog

T841WH

T841BL

T841SL

Finish

White

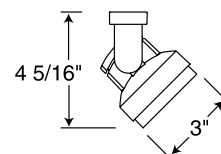
Black

Silver

Lamp

12V, 50W max. MR16

Dimensions



Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Accessories

For Fixture:

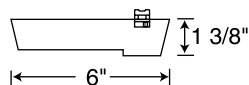
T841

Color Filters	T741-6
Dichroic Filters	T7401-18
Diffusion Lens	T7420
Uniformity Lens	T7421
UV Filter Lens	T7422
Prismatic Spread Lens	T7477
Linear Spread Lens	T7478
Hexcell Louver	T7459BL

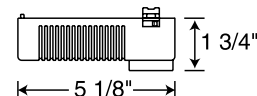
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Slants

The sharp, angular design of the Slant Series adds a hint of energy to an interior. The slant body houses an integral electronic transformer that is designed for use with MR16 halogen lamps only. This fixture is unique, personable and available with open or enclosed lampholder styles.

Gimbal Ring

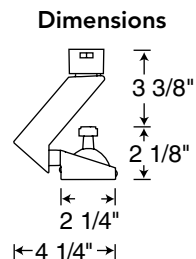


Integral 12V
Electronic Transformer

Catalog #
T805WH
T805BL

Finish
White
Black

Lamp
12V, 50W max. MR16 Halogen



Round Back Mesh

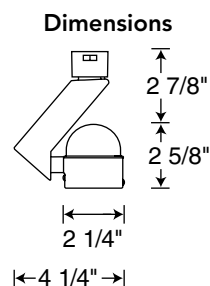


Integral 12V
Electronic Transformer

Catalog #
T807WH
T807BL

Finish
White
Black

Lamp
12V, 50W max. MR16 Halogen



Step Cylinder

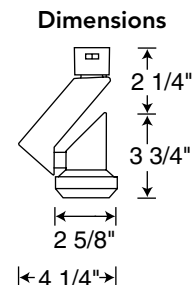


Integral 12V
Electronic Transformer

Catalog #
T809WH
T809BL

Finish
White
Black

Lamp
12V, 50W max. MR16 Halogen



Accessories

For Fixtures: **T805, T807, T809**

Color Filters	T551-6
Dichroic Filters	T5501-18
Diffusion Lens	T5520
Uniformity Lens	T5521
UV Filter	T5522
Prismatic Spread Lens	T557
Linear Spread Lens	T559
Hexcell Louver	T5559BL
Black Eyebrow	T556BL*
Black Snoot	T558BL*

* Not compatible with T805, T807



Look Fab Studio, Toronto, Canada; Mark Steele Photography

Uno/Duo™ – Open

The concentric gimbal rings springing off the bottom edge of the chiseled monolith is a perfect example of “form follows function” in design. The monolith remains perfectly aligned with the trac while the gimbal ring mechanisms are free to provide broad aiming capability. On MR16 versions, the integral transformer is designed for use with MR16 halogen lamps only and is cleverly concealed in the monolith.



Integral 12V Electronic Transformer

Catalog

T811WH
T811BL
T811SL

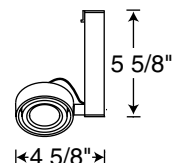
Finish

White
Black
Silver

Lamp

One 12V, 75W max.
MR16 Halogen

Dimensions



Integral 12V Electronic Transformer

Catalog

T812WH
T812BL
T812SL

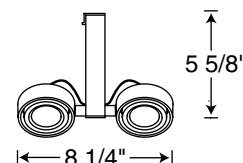
Finish

White
Black
Silver

Lamp

Two 12V, 50W max.
MR16 Halogen

Dimensions



Accessories

For Fixtures: T811, T812

Color Filters	T741-6
Dichroic Filters	T7401-18
Diffusion Lens	T7420
Uniformity Lens	T7421
UV Filter	T7422
Prismatic Spread Lens	T7477
Linear Spread Lens	T7478
Hexcell Louver	T7459BL

Note: Accepts up to two 2" accessories.

Uno/Duo™ – Enclosed

The unique all-aluminum construction of the Uno/Duo – Enclosed Series provides lamp shielding that eliminates the stray backlight effect from the lamps. The Uno/Duo – Enclosed has all of the same features and options of the Uno/Duo – Open series.



Integral 12V Electronic Transformer

Catalog

T816WH
T816BL
T816SL

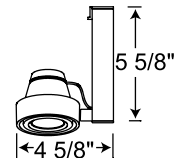
Finish

White
Black
Silver

Lamp

One 12V, 50W max.
MR16 Halogen

Dimensions



Integral 12V Electronic Transformer

Catalog

T817WH
T817BL
T817SL

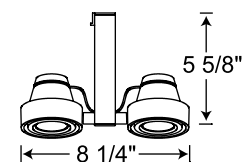
Finish

White
Black
Silver

Lamp

Two 12V, 50W max. MR16
MR16 Halogen

Dimensions



Accessories

For Fixtures: T816, T817

Color Filters	T741-6
Dichroic Filters	T7401-18
Diffusion Lens	T7420
Uniformity Lens	T7421
UV Filter	T7422
Prismatic Spread Lens	T7477
Linear Spread Lens	T7478
Hexcell Louver	T7459BL

Note: Accepts up to two 2" accessories.

Trapezia™

Slender 9-inch or 16-inch nominal length tubes conceal supply wires feeding into an elegantly sculpted die cast lamp housing. The light, airy appearance is great for display, exhibition and gallery lighting, and the downward reach can make pendant mounting of trac unnecessary.



Catalog

T630-9-WH
T630-9-BL
T630-9-SL

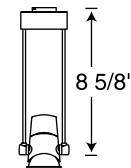
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16CG
Cover Glass

Dimensions



Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.



Catalog

T630-16-WH
T630-16-BL
T630-16-SL

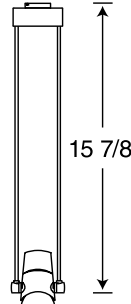
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16CG
Cover Glass

Dimensions



Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Gyrus™

A new spin on a classic design, the Gyrus series combines dramatic aerodynamic styling with the convenience of a front relamping gimbal ring. The MR16 has an integral accessory holder that accepts up to two standard 2" diameter lenses or louver.



Catalog

T640WH
T640BL
T640SL

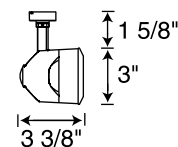
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16

Dimensions



Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Accessories

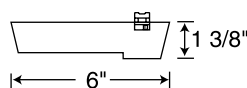
For Fixtures:	T630-9, T630-16	T640
Dual Accessory Holder	T7400BL, SA	—
Color Filters	T741-6*	T741-6
Dichroic Filters	T7401-18*	T7401-18
Diffusion Lens	T7420*	T7420
Uniformity Lens	T7421*	T7421
UV Filter	T7422*	T7422
Prismatic Spread Lens	T7477*	T7477
Linear Spread Lens	T7478*	T7478
Hexcell Louver	T7459BL*	T7459BL
Barn Doors	T7470BL*	—

* Filters, lenses, louver and barn doors require accessory holder for installation.
Use of light control accessories negates the need for MR16 cover glass lamp (except Barn Doors).

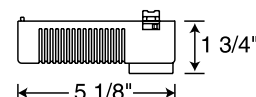
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Conix®

Conix fixtures combine elegant aesthetics with professional display lighting features. Aiming and rotation locks allow fixture aiming to be locked into position and dual accessory holders accommodate up to two color filters, louvers or light control lenses. A special 360° rotation feature on this series eliminates aiming dead zones.



Catalog

T406WH
T406BL
T406SL

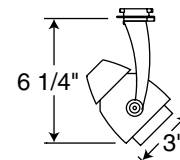
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16

Dimensions



Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.



Catalog

T411WH
T411BL
T411SL

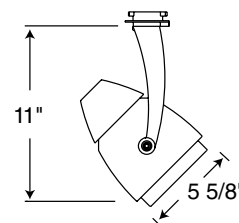
Finish

White
Black
Silver

Lamp

12V, 75W max. AR111

Dimensions



Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

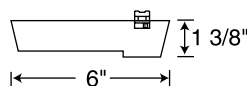
Accessories

For Fixtures:	T406	T411
Color Filters	T551-6	T571-6
Dichroic Filters	T5501-18	T5701-18
Diffusion Lens	T5520	T5720
Uniformity Lens	T5521	T5721
UV Filter	T5522	T5722
Prismatic Spread Lens	T557	T5777
Linear Spread Lens	T559	T5778
Hexcell Louver	T5559BL	—
Cube Cell Louver	—	T579BL

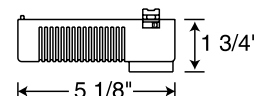
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Wishbones

An elegant interpretation of the popular gimbal ring fixture, the sculpted “wishbone” yoke and contoured socket cup produce a most pleasing combination of form and proportion. A special 360° rotation feature on this series eliminates aiming dead zones.



Catalog

T480WH
T480BL
T480SL

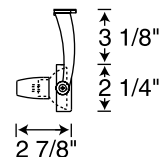
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16

Dimensions



Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.



Catalog

T485WH
T485BL

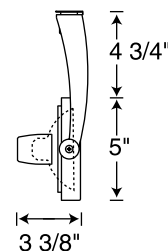
Finish

White
Black

Lamp

12V, 75W max. AR111

Dimensions



Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

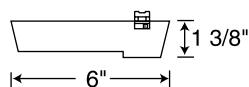
Accessories

For Fixtures:	T480	T485
Color Filters	T551-6	T571-6
Dichroic Filters	T5501-18	T5701-18
Diffusion Lens	T5520	T5720
Uniformity Lens	T5521	T5721
UV Filter	T5522	T5722
Prismatic Spread Lens	T557	T5777
Linear Spread Lens	T559	T5778
Hexcell Louver	T5559BL	–
Cube Cell Louver	–	T579BL
Black Eyebrow	T556BL	T587BL
Black Snoot	T558BL	–
Black Barn Doors	T74BL	–

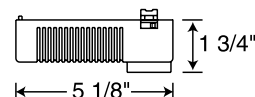
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Delta 200 Series®

An angular, die cast fixture body and rod-supported lamp bezel create a semi-exposed, technical appearance. The front bezel supports accessory lenses and louvers for custom-tailored lighting effects.



Catalog

T216WH
T216BL
T216SL

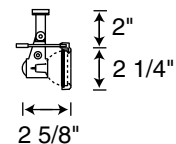
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16

Dimensions



Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.



Catalog

TP216WH
TP216BL
TP216SL

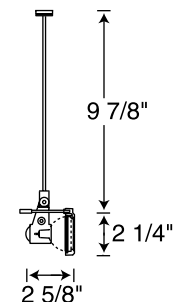
Finish

White
Black
Silver

Lamp

12V, 50W max. MR16

Dimensions



Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Studio II

Studio II fixtures add a contemporary stage and studio flavor into an environment. Supplied with integral accessory holder.



Catalog

T291WH
T291BL
T291SL

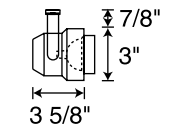
Finish

White
Black
Silver
All with Black Integral
Accessory Ring

Lamp

12V, 50W max. MR16

Dimensions



Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

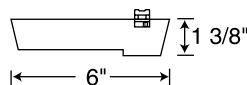
Accessories

For Fixtures:	T216, TP216	T291
Color Filters	T551-6	T551-6
Dichroic Filters	T5501-18	T5501-18
Diffusion Lens	T5520	T5520
Uniformity Lens	T5521	T5521
UV Filter	T5522	T5522
Prismatic Spread Lens	T557	T557
Linear Spread Lens	T559	T559
Hexcell Louver	T5559BL	T5559BL
Black Snoot	T558BL	—
Barn Doors	T74BL	—

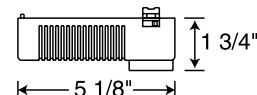
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Wireforms®

The Juno timeless, patented Wireform design encircles line and low voltage lamps in a light, technically appealing frame.



Catalog

T430WH
T430BL

Finish

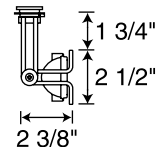
White
Black

Lamp

12V, 75W max. MR16

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Accessories

For Fixture:

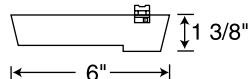
T430

Color Filters	T551-6
Dichroic Filters	T5501-18
Diffusion Lens	T5520
Uniformity Lens	T5521
UV Filter	T5522
Prismatic Spread Lens	T557
Linear Spread Lens	T559
Hexcell Louver	T5559BL
Black Barn Doors	T74BL

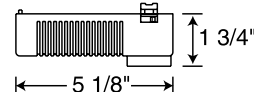
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Flyback

Uniquely angled back from the trac at 45 degrees, the Flyback series adds visual energy into a space.



Catalog

T227WH
T227BL

Finish

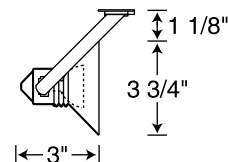
White
Black

Lamp

12V, 50W max. MR16CG
Cover Glass

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Universal

Use the minimalist Universal fixture as a do everything basic lampholder.



Catalog

T401WH
T401BL
T401SL

Finish

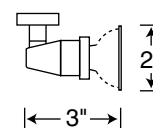
White
Black
Silver

Lamp

12V, 50W max. MR16CG
Cover Glass

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Accessories

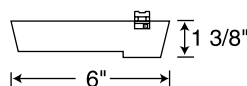
For Fixtures:	T227	T401
Accessory Holder	T7400BL, SA	T7400BL, SA
Color Filters	T741-6*	T741-6*
Dichroic Filters	T7401-18*	T7401-18*
Diffusion Lens	T7420*	T7420*
Uniformity Lens	T7421*	T7421*
UV Filters	T7422*	T7422*
Prismatic Spread Lens	T7477*	T7477*
Linear Spread Lens	T7478*	T7478*
Hexcell Louver	T7459BL*	T7459BL*
Barn Doors	—	T7470BL*

* Filters, lenses and louver require accessory holder for installation.
Use of light control accessories negates the need for MR16 cover glass lamp.

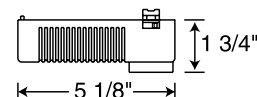
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



MR16 Gimbal Rings

Choose the basic single yoke design of the T696 or the more elegant sculpted dual yoke design of the T196.



Catalog

T196WH
T196BL
T196SC

Finish

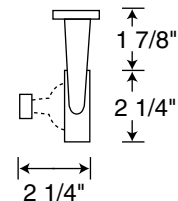
White
Black
Satin Chrome

Lamp

12V, 50W max. MR16

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Catalog

T696WH
T696BL

Finish

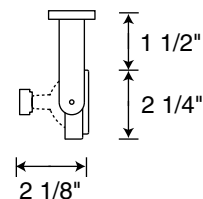
White
Black

Lamp

12V, 75W max. MR16

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



PAR36 Gimbal Ring

This most basic of fixture designs supports a PAR36 lamp to produce a collimated pin spot of light that remains tight over longer throw distances. The shielded filament also reduces brightness.



Catalog

T446WH
T446BL

Finish

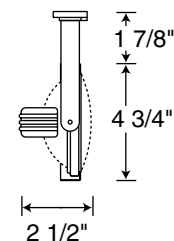
White
Black

Lamp

12V, 50W max. PAR36

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Accessories

For Fixtures:

T196, T696

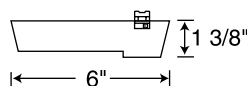
Color Filters
Dichroic Filters
Diffusion Lens
Uniformity Lens
UV Filter
Prismatic Spread Lens
Linear Spread Lens
Hexcell Louver

T551-6
T5501-18
T5520
T5521
T5522
T557
T559
T5559BL

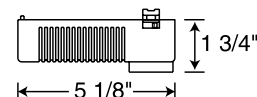
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Notch Backs

This classic design is available in a close-to-the-trac version or an adjustable height pendant rod mounting.



Catalog

T443WH
T443BL

Finish

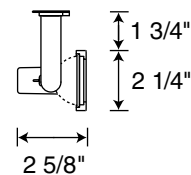
White
Black

Lamp

12V, 50W max. MR16

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Catalog

TP443WH
TP443BL

Finish

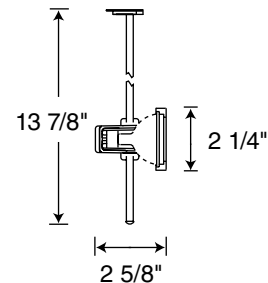
White
Black

Lamp

12V, 50W max. MR16

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Accessories

For Fixtures:

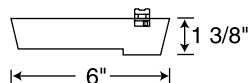
T443, TP443

Color Filters	T551-6
Dichroic Filters	T5501-18
Diffusion Lens	T5520
Uniformity Lens	T5521
UV Filter	T5522
Prismatic Spread Lens	T557
Linear Spread Lens	T559
Hexcell Louver	T5559BL

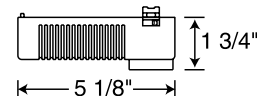
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Cast 16®

The square, die cast construction provides a unique styling option.



Catalog

T447WH
T447BL

Finish

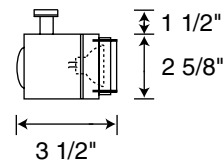
White
Black

Lamp

12V, 75W max. MR16

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Mini-Round Back

The mini-round back cylinder is a simple, timeless design that blends into almost any design theme.



Catalog

T442WH
T442BL

Finish

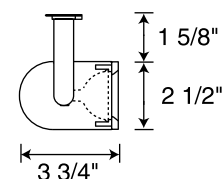
White
Black

Lamp

12V, 50W max. MR16

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



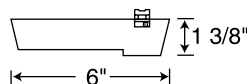
Accessories

For Fixtures:	T442	T447
Color Filters	T551-6	T551-6
Dichroic Filters	T5501-18	T5501-18
Diffusion Lens	T5520	T5520
Uniformity Lens	T5521	T5521
UV Filter	T5522	T5522
Prismatic Spread Lens	T557	T557
Linear Spread Lens	T559	T559
Hexcell Louver	T5559BL	T5559BL
Black Snoot	T558BL	—

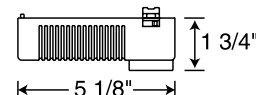
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Theatrical Light

The classic stage and studio design and integral barn doors evoke the feeling of theatrical lighting.



Catalog

T290BL

Finish

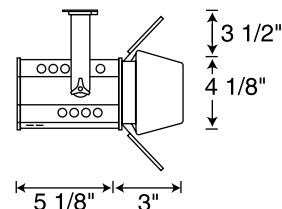
Black

Lamp

12V, 75W max. MR16

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Accessories

For Fixtures:

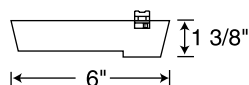
	<u>T290</u> 1 3/4" dia.	<u>T290</u> 3 3/4" dia.
Color Filters	T551-6	T561-6
Dichroic Filters	T5501-18	T5601-18
Diffusion Lens	T5520	T5620
Uniformity Lens	T5521	T5621
UV Filter	T5522	T5622
Prismatic Spread Lens	T557	T5677
Linear Spread Lens	T559	T5678
Hexcell Louver	T5559BL	—
Cube Cell Louver	—	T569BL

T290 can accept one 1 3/4" filter, lens or louver in place of clear glass supplied with MR16 fixtures. In addition, the integral barn doors can also accept one 3 3/4" filter, lens or louver.

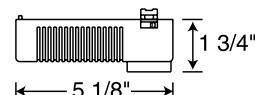
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Framing Projector

This special purpose fixture produces an evenly illuminated “frame” of light typically used to dramatically highlight artwork. The four adjustable shutters are field adjusted to size any four-sided geometric shape. Often times the frame of light is set slightly wider than the artwork to give a stronger impression of illumination against the wall. The chart below shows the relationship between distance from the wall, aiming angle and maximum achievable light frame sizes.



Catalog

T398WH

T398BL

Finish

White

Black

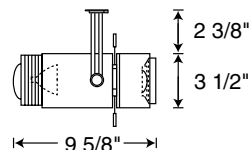
Lamp

12V, 75W max. MR16 FL

(EYC) or equivalent

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



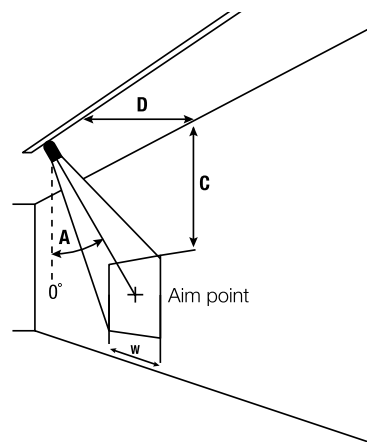
Light Beam Coverage on a Vertical Plane – Aiming Angles: 35°, 45°, 60°

Horizontal Mounting Distance (D)	24"			36"			48"		
	35°	45°	60°	35°	45°	60°	35°	45°	60°
Aiming Angle (A)									
Vertical Distance (C)	19	18	6	26	17	7	34	24	8
Width (W)	22	20	19	37	33	29	46	42	40
F.C. on Beam Axis	137	267	303	49	77	114	27	41	57

The chart indicates maximum picture width (W) and minimum distance from ceiling (C) to picture top for different projector to wall spacings and aiming angles (A). Aiming angles are measured from 0°.

Example: For a 36" mounting distance (D), and a 45° aiming angle (A), the maximum picture width (W) is 33" with the top of the picture 17" down from the ceiling (C).

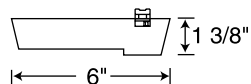
Product design and photometrics are based on using a 75W MR16 wide flood lamp. (EYC 75W Flood). A flood provides an even distribution of light on the picture.



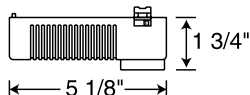
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Integral Magnetic Transformers

The Studio I, Flat Back Cylinder and Cast 16 designs are among the original MR16 fixtures designed around magnetic transformers. They are typically chosen for special rough-duty applications where a robust magnetic transformer is desired.

Studio I



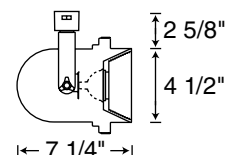
Catalog #
T338WH

Finish
White

Lamp
12V, 50W max. MR16

Integral 12V Magnetic Transformer

Dimensions



Flat Back Cylinder



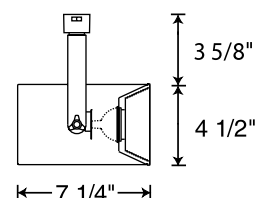
Catalog #
T340WH
T340BL

Finish
White
Black

Lamp
12V, 50W max. MR16

Integral 12V Magnetic Transformer

Dimensions



Accessories

For Fixtures:	T338*, T340*	T338*, T340*
	1 3/4" dia., 4 11/16" dia.	1 3/4" dia., 4 11/16" dia.

Accessory Holder	–	T570BL
Color Filters	T551-6	T571-6
Dichroic Filters	T5501-18	T5701-18
Diffusion Lens	T5520	T5720
Uniformity Lens	T5521	T5721
UV Filter	T5522	T5722
Prismatic Spread Lens	T557	T5777
Linear Spread Lens	T559	T5778
Hexcell Louver	T5559BL	–
Cube Cell Louver	–	T579BL
Black Barn Doors	–	T72BL

* T338 and T340 can accept one 1 3/4" filter, lens or louver in place of clear glass supplied with MR16 fixtures; in addition, they can also accept one 4 11/16" filter, lens or louver when combined with accessory holder or barn doors.

Cast 16®



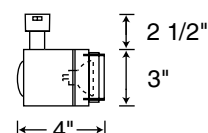
Catalog #
T350WH
T350BL

Finish
White
Black

Lamp
12V, 75W max. MR16

Integral 12V Magnetic Transformer

Dimensions



Accessories

For Fixture:	T350
--------------	------

Color Filters	T551-6
Dichroic Filters	T5501-18
Diffusion Lens	T5520
Uniformity Lens	T5521
UV Filter	T5522
Prismatic Spread Lens	T557
Linear Spread Lens	T559
Hexcell Louver	T5559BL



Description

One-Circuit Trac-Master® sections are available as surface mounted trac or may be suspended from ceiling with pendant accessories listed in One-Circuit System Pendant Mounting Accessories section.

Features

- Extruded aluminum channel
- Extruded thermoplastic insulator
- Debossed polarity line
- 12 gauge solid copper conductors
- Concealed wireway on top of trac section
- 20 amp capacity
- UL Listed, CSA Certified
- Can be cut to custom length by installer

Surface Trac

Includes dead-end and mounting hardware.



Catalog

T2WH
T2BL
T2NA
T2SL

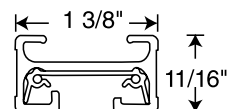
Finish

White
Black
Natural
Silver

Description

(actual length 19 7/8")

Dimensions



T4WH
T4BL
T4NA
T4SL

White
Black
Natural
Silver

(actual length 43 7/8")

T6WH
T6BL
T6NA
T6SL

White
Black
Natural
Silver

(actual length 67 7/8")

T8WH
T8BL
T8NA
T8SL

White
Black
Natural
Silver

(actual length 91 7/8")

T12WH
T12BL
T12NA
T12SL

White
Black
Natural
Silver

(actual length 139 7/8")

One Circuit Trac Dead End



Trac Dead End

Catalog

T28WH
T28BL
T28SL

Finish

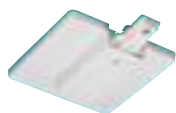
White
Black
Silver

Description

- Trac Dead End for use on Juno Trac-Master one-circuit trac system field-cut sections.



Electrical End Feeds



End Feed Connector and Outlet Box Cover

Catalog

T21WH
T21BL
T21SL

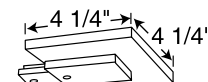
Finish

White
Black
Silver

Description

- For outlet box feed
- Includes outlet cover, fixture

Dimensions


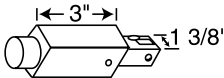

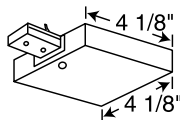

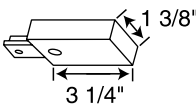

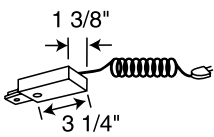


T21RWH
T21RBL
T21RSL

White
Black
Silver


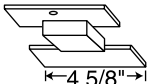
- Same as above except designed for use in opposite polarity orientation compared to standard feed connectors
- See specification sheets for more details

Electrical End Feeds (cont)

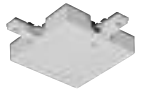
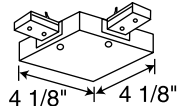
 Conduit Adapter	Catalog # T34WH T34BL T34SL	Finish White Black Silver	Description <ul style="list-style-type: none"> For surface wiring Accepts standard 1/2" connector 	Dimensions 
	T34RWH T34RBL T34RSL	White Black Silver	<ul style="list-style-type: none"> Same as above except designed for use in opposite polarity orientation compared to standard adapters See specification sheets for more details 	
 T-Bar End Feed	Catalog # T36WH T36BL T36SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Wiring compartment contains standard 1/2" KO's Feeds surface trac from above when 15/16" T-bar is directly above trac 	Dimensions 
	T36RWH T36RBL T36RSL	White Black Silver	<ul style="list-style-type: none"> Same as above except designed for use in opposite polarity orientation compared to standard feeds See specification sheets for more details 	
 End Feed Connector	Catalog # T38WH T38BL T38SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Feed trac from above with flexible conduit, BX, etc., or end feed in pendant systems Accepts standard 1/2" connector 	Dimensions 
	T38RWH T38RBL T38RSL	White Black Silver	<ul style="list-style-type: none"> Same as above except designed for use in opposite polarity orientation compared to standard feed connectors See specification sheets for more details 	
 Cord and Plug Connector	Catalog # T22WH T22BL T22SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Comes with 15' two-wire white cord Includes surface wire retainers and in-line switch Maximum capacity 7 amps 	Dimensions 
	T122WH T122BL T122SL	White Black Silver	<ul style="list-style-type: none"> Same as above but with matching color 3-wire grounded cord and plug No switch 	

The product and system may be covered by the following United States patent: U5,259,774


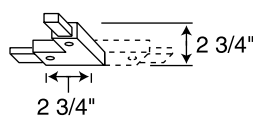

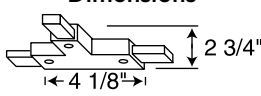

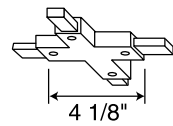

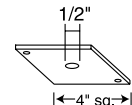

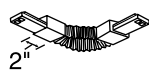

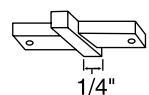

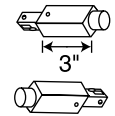
Electrical Floating Feed

 Floating Electrical Feed	Catalog # T29WH T29BL T29SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Permits mounting to any point of trac under outlet box Includes floating connector and outlet box cover plus extra trac dead end 	Dimensions 
---	---	---	--	--


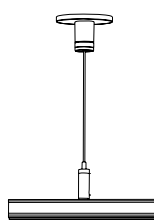

Electrical Joiner Feed


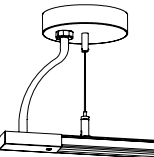

 T-Bar Adjustable Joiner Feed	Catalog # T35WH T35BL T35SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Joins two trac sections to make 90° angle or straight run Wiring compartment contains standard 1/2" KO's Feeds from above when 15/16" T-bar is directly above trac 	Dimensions 
---	---	---	---	--

Trac Joiners


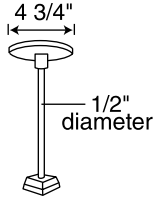

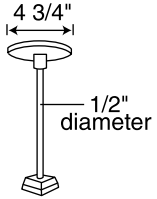
 Adjustable Connector	Catalog # T24WH T24BL T24SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Joins two trac sections to make 90° angle or straight run Straight and right angle covers supplied For outlet box feed, T27 outlet box cover also required (order separately) 	Dimensions 
	T24FWH* T24FBL*	White Black	<ul style="list-style-type: none"> Same as T24 but permits electrical feed Required in Canada only 	
 "T" Connector	Catalog # T25WH** T25BL** T25SL**	Finish White Black Silver	Description <ul style="list-style-type: none"> Joins three trac sections For outlet box feed, T27 outlet box cover also required (order separately) 	Dimensions 
	T25RWH T25RBL T25RSL	White Black Silver	<ul style="list-style-type: none"> Same as above except designed for use in opposite polarity orientation compared to standard connectors See specification sheets for more details 	
 "X" Connector	Catalog # T26WH** T26BL** T26SL**	Finish White Black Silver	Description <ul style="list-style-type: none"> Joins four trac sections at 90° angles For outlet box feed, T27 outlet box cover also required (order separately) 	Dimensions 
	* Use T24F as feed connector in Canada. ** T25 and T26 cannot be used as feed connectors in Canada.			
 Outlet Box Cover	Catalog # T27WH T27BL T27SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Use with No. T24, T25, T26, for outlet box electrical feed Includes nipple, locknut and ground screw 	Dimensions 
 Accordion Adjustable Joiner	Catalog # T20WH T20BL T20SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Can flex to 90° angle to left, right, up or down Joins two trac sections 	Dimensions 
 Straight Connector	Catalog # T23WH T23BL T23SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Joins two trac sections end to end 	Dimensions 
 Trac Continuation Kit	Catalog # T49WH T49BL T49SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Permits trac to continue a run around obstructions Includes one left and one right T34 Conduit Adapter Accepts standard 1/2" conduit connector 	Dimensions 

Cable Suspension Kit

	Catalog #	Finish	Description	
	T595-48-WH	White	<ul style="list-style-type: none">• Mechanical-only cable suspension kit for one-circuit or two-circuit trac• Adjustable 48" or 144" cable• For use on 15/16" flush T-bar ceilings	
	T595-48-BL	Black		
	T595-144-WH	White		
	T595-144-BL	Black		
T-Bar/Rigid Ceiling Cable Suspension Kit	T597-48-WH	White	<ul style="list-style-type: none">• Mechanical-only cable suspension kit for one-circuit or two-circuit trac• Adjustable 48" or 144" cable• For use on rigid ceilings	
	T597-48-BL	Black		
	T597-144-WH	White		
	T597-144-BL	Black		

	Catalog #	Finish	Description	
	T596-48-WH	White	<ul style="list-style-type: none">• Cable suspension kit with 48" or 144" electrical feed for one-circuit trac• For use on 15/16" flush T-bar ceilings• Order trac electrical feed connector separately	
	T596-48-BL	Black		
	T596-144-WH	White		
	T596-144-BL	Black		
T-Bar/Rigid Ceiling Cable Suspension/Feed Kit	T598-48-WH	White	<ul style="list-style-type: none">• Cable suspension kit with 48" or 144" electrical feed for one-circuit trac• For use on rigid ceilings• Order trac electrical feed connector separately	
	T598-48-BL	Black		
	T598-144-WH	White		
	T598-144-BL	Black		

Pendant Mounting Accessories

	Catalog #	Finish	Description	Dimensions
	T90-12-WH	White	<ul style="list-style-type: none"> Compatible with 15/16" flush T-bar ceilings 12", 18", 24", 36", 48" stem lengths Use two for 2', 4', or 6' of trac or three for 8' and four for 12' of trac For electrical feed, order wireway cover T93 and T38 	
	T90-12-BL	Black		
	T90-12-SL	Silver		
	T90-18-WH	White		
	T90-18-BL	Black		
	T90-18-SL	Silver		
	T90-24-WH	White		
	T90-24-BL	Black		
	T90-24-SL	Silver		
	T90-36-WH	White		
	T90-36-BL	Black		
	T90-36-SL	Silver		
	Catalog #	Finish	Description	Dimensions
	T91-12-WH	White	<ul style="list-style-type: none"> 12", 18", 24", 36", 48" stem lengths Attaches directly to junction box Use two for 2', 4', or 6' of trac or three for 8' and four for 12' of trac For electrical feed, order wireway cover T93 and T38 	
	T91-12-BL	Black		
	T91-12-SL	Silver		
	T91-18-WH	White		
	T91-18-BL	Black		
	T91-18-SL	Silver		
	T91-24-WH	White		
	T91-24-BL	Black		
	T91-24-SL	Silver		
	T91-36-WH	White		
	T91-36-BL	Black		
	T91-36-SL	Silver		
Rigid Ceiling Pendant Stem Kit	T91-48-WH	White		
	T91-48-BL	Black		
	T91-48-SL	Silver		


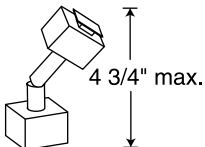

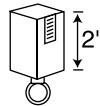

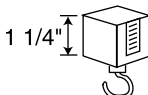

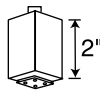
Pendant Mounting Accessories (cont)

	Catalog # T96WH T96BL T96SL	Finish White Black Silver	Description <ul style="list-style-type: none">Joins pendant stems for use in higher ceiling applications	
Pendant Stem Coupling				
	Catalog # T94WH T94BL T94SL	Finish White Black Silver	Description <ul style="list-style-type: none">Allows T90 or T91 pendant to hang straight down from sloped ceilingsCan be used to feed electrical to trac at up to 60° angle	
Pendant Slope Ceiling Adapter				
	Catalog # T93WH T93BL T93SL	Finish White Black Silver	Description <ul style="list-style-type: none">For use with pendant stem kits T90 and T91Conceals electrical feed wires from stem to connectorOne cover should be used for each trac feed	Dimensions
Feed Wireway Cover				
	Catalog # T92		Description <ul style="list-style-type: none">For use with T24 connector when used straightPermits mounting pendant stem kits (T90, T91) at center of trac connector	
Straight Structural Bridge				
	Catalog # T92L-WH T92L-BL T92L-SL	Finish White Black Silver	Description <ul style="list-style-type: none">For use with T24 connector when used at 90°Permits mounting pendant stem kits (T90, T91) at center of trac connector	
Corner Structural Bridge				
	Catalog # T39		Description <ul style="list-style-type: none">4' long black thermoplastic extrusion, covers wire carried in trac wirewayUse one for 4' trac, two for 8' and three for 12' tracCan be field cut	Dimensions
Trac Wireway Cover				

Miscellaneous Mounting Accessories

	Catalog # T56WH T56BL T56SL	Finish White Black Silver	Description <ul style="list-style-type: none">Attaches solid 5/16" threaded rod to one or two-circuit tracIncludes plastic cap, mounting bracket and hardware; rod not supplied	
Solid Rod Pendant Mounting Kit				
	Catalog # T37F T37D T37F-9-16 T37D-9-16		Description <ul style="list-style-type: none">To attach trac to inverted tee ceilingUse two for 2' or 4' trac and three for 6', 8' or 12' tracT37F is compatible with 15/16" grid with flush tilesT37D is compatible with 15/16" grid with drop tilesT37F-9-16 is compatible with 9/16" grid with flush tilesT37D-9-16 is compatible with 9/16" grid with drop tiles	
T-Bar Attachment Clip				

Miscellaneous Trac Accessories

 Slope Ceiling Fixture Adapter	Catalog # T95WH T95BL T95SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Attaches to trac, permitting Juno Trac-Master and Trac-Lites fixtures to be hung vertically from sloped ceiling 90° maximum adjustment 	Dimensions  4 3/4" max.
	Catalog # T95WA-WH T95WA-BL	Finish White Black	Description <ul style="list-style-type: none"> Same as above but accepts one 120V Juno trac fixture with wide trac adapter 	
 Pendant Adapter	Catalog # T31WH T31BL T31SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Adapts cord, swag or chain-hung fixture to trac Includes strain relief for 3-wire cord (replaces chain loop) Supports up to 25 lbs Not UL Listed 2.5A max 	Dimensions  2"
 Planter or Utility Hook	Catalog # T32WH T32BL T32SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Supports up to 25 lbs Not UL Listed 	Dimensions  1 1/4"
 Outlet Adapter	Catalog # T33WH T33BL T33SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Provides electrical receptacle Not UL Listed 7A max 	Dimensions  2"



Description

The Juno two-circuit Trac-Master® sections feature a sleek low profile design with the flexibility of individual circuit control for combining dual lighting effects along a single trac.


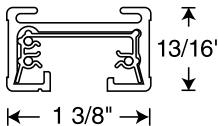
Juno two-circuit Trac-Master® trac offers maximum switching flexibility and two 20 amp circuits (2400 watts each). The system permits individual circuit control (for both circuits) with the use of switches, dimmers or timers. In long trac runs, the increased capacity eliminates 50% of the feed points. Two-circuit Trac-Master® trac will accept all Juno Trac-Master lampholders. Trac sections are available as surface mounted trac or may be suspended from ceilings with pendant accessories listed in Two-Circuit System Pendant Mounting Accessories section.

Features



- Extruded aluminum channel
- Extruded thermoplastic insulator
- Debossed polarity line
- 12 gauge solid copper conductors
- Concealed wireway on top of trac section
- UL Listed, CSA Certified
- Can be cut to custom length by installer

Two-Circuit Trac Sections

Includes dead-end and Super Adapter upper-circuit contact supports.


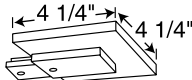
	Catalog #	Finish	Description	Dimensions
	TU4WH TU4BL TU4SL	White Black Silver	(actual length 43 7/8") 3 contact supports included	 13/16" 1 3/8"
	TU8WH TU8BL TU8SL	White Black Silver	(actual length 91 7/8") 6 contact supports included	
	TU12WH TU12BL TU12SL	White Black Silver	(actual length 139 7/8") 9 contact supports included	

Two Circuit Trac Dead End

	Catalog #	Finish	Description	
	TU28WH TU28BL TU28SL	White Black Silver	<ul style="list-style-type: none"> • Trac Dead End for use on Juno Trac-Master two-circuit trac system field-cut trac sections 	


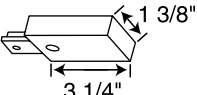

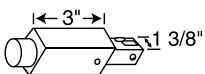

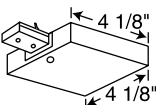
Trac Dead End

Electrical End Feeds



	Catalog #	Finish	Description	Dimensions
	TU21WH TU21BL TU21SL	White Black Silver	<ul style="list-style-type: none"> • For outlet box feed • Includes outlet cover, fixture strap and ground screw 	 4 1/4"
	TU21RWH TU21RBL TU21RSL	White Black Silver	<ul style="list-style-type: none"> • Same as above except designed for use in opposite polarity orientation compared to standard feed connectors • See specification sheets for more details 	

End Feed Connector and Outlet Box Cover


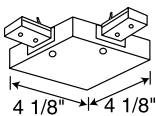
Electrical End Feeds (cont)

 End Feed Connector	Catalog # TU38WH TU38BL TU38SL	Finish White Black Silver	Description <ul style="list-style-type: none"> • Feed trac from above with flexible conduit, BX, etc., or end feed in pendant systems • Accepts standard 1/2" connector 	Dimensions 
	Catalog # TU38RWH TU38RBL TU38RSL	Finish White Black Silver	Description <ul style="list-style-type: none"> • Same as above except designed for use in opposite polarity orientation compared to standard feed connectors • See specification sheets for more details 	
 Conduit Adapter	Catalog # TU34WH TU34BL TU34SL	Finish White Black Silver	Description <ul style="list-style-type: none"> • For surface wiring • Accepts standard 1/2" connector 	Dimensions 
	Catalog # TU34RWH TU34RBL TU34RSL	Finish White Black Silver	Description <ul style="list-style-type: none"> • Same as above except designed for use in opposite polarity orientation compared to standard adapters • See specification sheets for more details 	
The product and system may be covered by the following United States patent: U5,259,774				
 T-Bar End Feed	Catalog # TU36WH TU36BL TU36SL	Finish White Black Silver	Description <ul style="list-style-type: none"> • Wiring compartment contains standard 1/2" KO's • Feeds surface trac from above when 15/16" T-bar is directly above trac 	Dimensions 
	Catalog # TU36RWH TU36RBL TU36RSL	Finish White Black Silver	Description <ul style="list-style-type: none"> • Same as above except designed for use in opposite polarity orientation compared to standard feeds • See specification sheets for more details 	


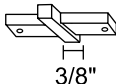

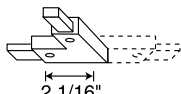

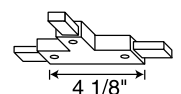

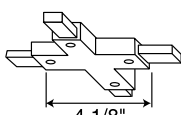

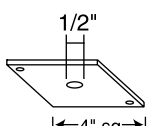

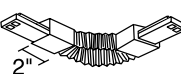
2-C, Floating Electrical Feed

 Floating Electrical Feed	Catalog # TU29WH TU29BL TU29SL	Finish White Black Silver	Description <ul style="list-style-type: none"> • Permits mounting any point along trac at the outlet box • Includes floating connector, outlet box cover and extra trac dead end 	Dimensions 
---	--	---	---	--

Electrical Joiner Feed

 T-Bar Adjustable Joiner Feed	Catalog # TU35WH TU35BL TU35SL	Finish White Black Silver	Description <ul style="list-style-type: none"> • Joins two trac sections to make 90° angle or straight run • Wiring compartment contains standard 1/2" KO's • Feeds from above when 15/16" T-bar is directly above trac 	Dimensions 
---	--	---	---	--

Trac Joiners

 Miniature Straight Connector	Catalog # TU23WH TU23BL TU23SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Joins two trac sections end to end 	Dimensions 
 Adjustable Connector	Catalog # TU24WH* TU24BL* TU24SL*	Finish White Black Silver	Description <ul style="list-style-type: none"> Joins two trac sections to make 90° angle or straight run Straight and right angle covers supplied For outlet box feed, T27 cover plate also required (order separately) 	Dimensions 
 "T" Connector	Catalog # TU25WH* TU25BL* TU25SL*	Finish White Black Silver	Description <ul style="list-style-type: none"> Joins three trac sections For outlet box feed, T27 cover plate also required (order separately) 	Dimensions 
	TU25RWH TU25RBL TU25RSL	White Black Silver	<ul style="list-style-type: none"> Same as above except designed for use in opposite polarity orientation compared to standard connectors See specification sheets for more details 	
 "X" Connector	Catalog # TU26WH* TU26BL* TU26SL*	Finish White Black Silver	Description <ul style="list-style-type: none"> Joins four trac sections at 90° angles For outlet box feed, T27 cover plate also required (order separately) 	Dimensions 
 Outlet Box Cover	Catalog # T27WH T27BL T27SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Use with No. TU24, TU25, TU26, for outlet box electrical feed Includes nipple, locknut and ground screw 	Dimensions 
 Accordion Adjustable Joiner	Catalog # TU20WH TU20BL TU20SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Can flex to 90° angle to left, right, up or down Joins two trac sections 	Dimensions 

* TU24, TU25 and TU26 cannot be used as feed connectors in Canada.






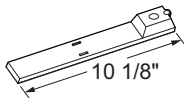

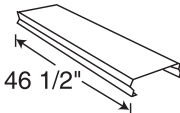


Cable Suspension Kit

<p>T-Bar/Rigid Ceiling Cable Suspension Kit</p>	Catalog #	Finish	Description	
	T595-48-WH	White	• Mechanical-only cable suspension kit for one-circuit or two-circuit trac	
	T595-48-BL	Black	• Adjustable 48" or 144" cable	
	T595-144-WH	White	• For use on 15/16" flush T-bar ceilings	
<p>T-Bar/Rigid Ceiling Cable Suspension/Feed Kit</p>	Catalog #	Finish	Description	
	TU596-48-WH	White	• Cable suspension kit with 48" or 144" electrical feed for two-circuit trac	
	TU596-48-BL	Black	• For use on 15/16" flush T-bar ceilings	
	TU596-144-WH	White	• Order trac electrical feed connector separately	
<p>T-Bar/Rigid Ceiling Cable Suspension/Feed Kit</p>	Catalog #	Finish	Description	
	TU598-48-WH	White	• Cable suspension kit with 48" or 144" electrical feed for two-circuit trac	
	TU598-48-BL	Black	• For use on 15/16" flush T-bar ceilings	
	TU598-144-WH	White	• Order trac electrical feed connector separately	


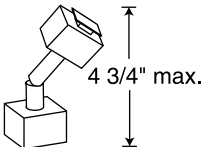

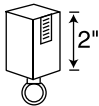

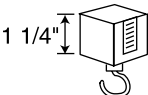


Pendant Mounting Accessories

<p>T-Bar Ceiling Pendant Stem Kit</p>	Catalog #	Finish	Description	Dimensions
	T90-12-WH	White	• Compatible with 15/16" T-bar ceilings	<p>4 3/4"</p> <p>1/2" diameter</p>
	T90-12-BL	Black	• 12", 18", 24", 36", 48" stem lengths	
	T90-12-SL	Silver	• Use two for 2', 4', or 6' of trac or three for 8' and four for 12' of trac	
	T90-18-WH	White	• For electrical feed, order T93 wireway cover and TU38 End Feed separately	
	T90-18-BL	Black		
	T90-18-SL	Silver		
	T90-24-WH	White		
	T90-24-BL	Black		
	T90-24-SL	Silver		
	T90-36-WH	White		
	T90-36-BL	Black		
	T90-36-SL	Silver		
<p>Rigid Ceiling Pendant Stem Kit</p>	Catalog #	Finish	Description	Dimensions
	T91-12-WH	White	• 12", 18", 24", 36", 48" stem lengths	<p>4 3/4"</p> <p>1/2" diameter</p>
	T91-12-BL	Black	• Attaches directly to junction box	
	T91-12-SL	Silver	• Use two for 2', 4', or 6' of trac or three for 8' and four for 12' of trac	
	T91-18-WH	White	• For electrical feed, order T93 wireway cover and TU38 End Feed separately	
	T91-18-BL	Black		
	T91-18-SL	Silver		
	T91-24-WH	White		
	T91-24-BL	Black		
	T91-24-SL	Silver		
	T91-36-WH	White		
	T91-36-BL	Black		
	T91-36-SL	Silver		
	T91-48-WH	White		
	T91-48-BL	Black		
	T91-48-SL	Silver		

Miscellaneous Mounting Accessories

	Catalog # T96WH T96BL T96SL	Finish White Black Silver	Description <ul style="list-style-type: none">Joins pendant stems for use in higher ceiling applications	
Pendant Stem Coupling				
	Catalog # T94WH T94BL T94SL	Finish White Black Silver	Description <ul style="list-style-type: none">Allows T90 or T91 pendant to hang straight down from sloped ceilingsCan be used to feed electrical to trac at up to a 60° angle	
Slope Ceiling Pendant Adapter				
	Catalog # T93WH T93BL T93SL	Finish White Black Silver	Description <ul style="list-style-type: none">For pendant stem kits T90 and T91Conceals electrical feed wires from stem to trac connectorOne cover should be used for each trac feed	Dimensions 
Feed Wireway Cover				
	Catalog # T39	Finish Black	Description <ul style="list-style-type: none">4' black thermoplastic extrusion covers wire carried in trac wirewayUse one for 4' trac, two for 8' and three for 12' tracCan be field cut	Dimensions 
Trac Wireway Cover				
	Catalog # T56WH T56BL T56SL	Finish White Black Silver	Description <ul style="list-style-type: none">Attaches solid 5/16" threaded rod to one- or two-circuit tracIncludes: plastic cap, mounting bracket and hardwareRod not supplied	
Solid Rod Pendant Mounting Kit				
	Catalog # T37F T37D T37F-9-16 T37D-9-16	Description <ul style="list-style-type: none">To attach trac to inverted tee ceilingUse two for 2' or 4' trac and three for 6', 8' or 12' tracT37F is compatible with 15/16" grid with flush tilesT37D is compatible with 15/16" grid with drop tilesT37F-9-16 is compatible with 9/16" grid with flush tilesT37D-9-16 is compatible with 9/16" grid with drop tiles		
T-Bar Attachment Clip				

Miscellaneous Trac Accessories

 Slope Ceiling Fixture Adapter	Catalog # T95WH T95BL T95SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Attaches to trac, permitting Juno Trac-Master and Trac-Lites fixtures to be hung vertically from sloped ceiling 90° maximum adjustment 	Dimensions 
	Catalog # T95WA-WH T95WA-BL	Finish White Black	Description <ul style="list-style-type: none"> Same as above but accepts one 120V Juno trac fixture with wide trac adapter 	
 Pendant Adapter	Catalog # T31WH T31BL T31SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Adapts cord, swag or chain-hung fixture to trac Includes strain relief for 3-wire cord (replaces chain loop) Supports up to 25 lbs Not UL Listed 2.5A max 	Dimensions 
 Planter or Utility Hook	Catalog # T32WH T32BL T32SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Supports up to 25 lbs Not UL Listed 	Dimensions 
 Outlet Adapter	Catalog # T33WH T33BL T33SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Provides electrical receptacle Not UL Listed 7A max 	Dimensions 



Trac Tube Assembly

Includes tubular housing, end caps, trac section, starter and end connectors.

Description

The tubular design of this system adds style and flexibility to trac systems. The Juno Trac Tube System can be surface, pendant or wall mounted for a fresh perspective in lighting design.

Features

- 2 1/2" diameter extruded aluminum housing
- Straight runs of geometric patterns
- 20 amp capacity
- UL Listed, CSA Certified
- Field cutting is not recommended



Catalog

TT4WH
TT4BL

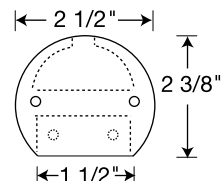
Finish

White
Black

Description

- 4' Tube Trac Assembly
(One circuit, actual length 48 3/8")

Dimensions



TT8WH
TT8BL

White
Black

- 8' Tube Trac Assembly
(One circuit, actual length 96 3/8")

Joiner Kits

Juno Tube Trac System is available in two finishes and uses one-circuit trac. Right angle corners and flexible accordion joiners can be combined to create unique and distinctive design to trac lighting schemes.



Straight Joiner Kit

Catalog

TT503WH
TT503BL

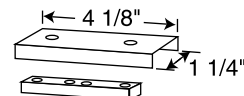
Finish

White
Black

Description

- Joins two trac tube sections in a straight run
- Includes electrical jumpers, joiner bracket and joiner cover

Dimensions



Flexible Accordion Joiner

Catalog

TT520WH
TT520BL

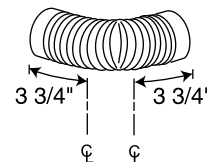
Finish

White
Black

Description

- Joins two trac tube sections
- Adjusts from 60° to 300°
- Includes electrical jumpers and joiner brackets

Dimensions



90° Right Angle Corner

Catalog

TT524WH
TT524BL

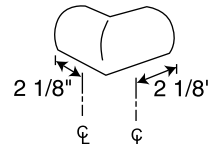
Finish

White
Black

Description

- Joins two trac tube sections
- Includes electrical jumpers and joiner brackets


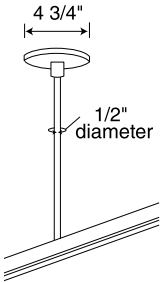




Dimensions




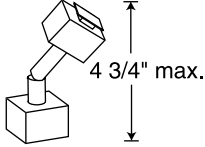

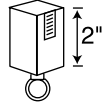

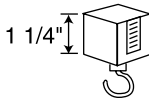

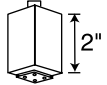
Mounting Accessories

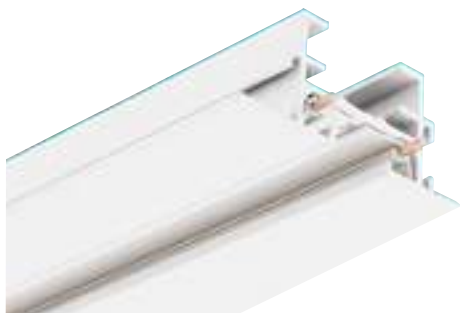
	Catalog # TT528WH TT528BL	Finish White Black	Description <ul style="list-style-type: none"> For mounting on T-bar or rigid ceiling Supports trac housing 1 1/2" from ceiling Use two for each trac tube section 	Dimensions
	Catalog # TT529WH TT529BL	Finish White Black	Description <ul style="list-style-type: none"> For mounting trac tube from wall Trac tube extends 17 1/4" from wall Use two for each trac tube section 	Dimensions
	Catalog # TT595WH TT595BL	Finish White Black	Description <ul style="list-style-type: none"> Compatible with 15/16" T-bar ceilings Mechanical suspension for trac tubes Continuous runs require one every 4' Adjustable 48" cable 	Dimensions
T-Bar Ceiling Pendant Cable	Catalog # TT596WH TT596BL	Finish White Black	Description <ul style="list-style-type: none"> Similar to above but with 48" electrical feed flexible wireway and wires 	
	Catalog # TT597WH TT597BL	Finish White Black	Description <ul style="list-style-type: none"> Mechanical suspension for trac tubes Continuous runs require one every 4' Adjustable 48" cable 	Dimensions
Rigid Ceiling Pendant Cable	Catalog # TT598WH TT598BL	Finish White Black	Description <ul style="list-style-type: none"> Similar to above but with 48" electrical feed flexible wireway and wires 	
	Catalog # TT590-12-WH TT590-12-BL TT590-18-WH TT590-18-BL TT590-24-WH TT590-24-BL TT590-36-WH TT590-36-BL TT590-48-WH TT590-48-BL	Finish White Black White Black White Black White Black White Black	Description <ul style="list-style-type: none"> Compatible with 15/16" T-bar ceilings 12", 18", 24", 36" and 48" Use two for 4' and 8' trac tube Continuous runs require one every 4' Mechanically suspends and electrically feeds trac tube Feed wires can be routed through stem 	Dimensions
T-Bar Ceiling Pendant Stem Kit				

Mounting Accessories (cont)

 Rigid Ceiling Pendant Stem Kit	Catalog #	Finish	Description <ul style="list-style-type: none"> • 12", 18", 24", 36" and 48" • Use two for 4' and 8' trac tube • Continuous runs require one every 4' • Mechanically suspends and electrically feeds trac tube • Feed wires can be routed through stem 	Dimensions 
	TT591-12-WH	White		
	TT591-12-BL	Black		
	TT591-18-WH	White		
	TT591-18-BL	Black		
	TT591-24-WH	White		
	TT591-24-BL	Black		
	TT591-36-WH	White		
	TT591-36-BL	Black		
	TT591-48-WH	White		
	TT591-48-BL	Black		
 Pendant Stem Coupling	Catalog #	Finish	Description <ul style="list-style-type: none"> • Joins pendant stems for use in higher ceiling applications 	
	T96WH	White		
	T96BL	Black		
 Slope Ceiling Pendant Adapter	Catalog #	Finish	Description <ul style="list-style-type: none"> • Allows TT590 or TT591 pendant to hang straight down from sloped ceilings • Can be used to feed electrical to trac at up to a 60° angle 	
	T94WH	White		
	T94BL	Black		

Miscellaneous Trac Accessories

 Slope Ceiling Fixture Adapter	Catalog #	Finish	Description <ul style="list-style-type: none"> • Attaches to trac, permitting Juno line voltage Trac-Master and Trac-Lites Trac fixtures to be hung vertically from sloped ceiling • 90° maximum adjustment 	Dimensions 
	T95WH	White		
	T95BL	Black		
	T95SL	Silver		
	Catalog #	Finish	Description <ul style="list-style-type: none"> • Same as above but accepts one 120V Juno trac fixture with wide trac adapter 	
	T95WA-WH	White		
	T95WA-BL	Black		
 Pendant Adapter	Catalog #	Finish	Description <ul style="list-style-type: none"> • Adapts swag or chain-hung fixture to trac • Includes strain relief for 3-wire cord (replaces chain loop) • Supports up to 25 lbs • Not UL Listed • 2.5A max 	Dimensions 
	T31WH	White		
	T31BL	Black		
	T31SL	Silver		
 Planter or Utility Hook	Catalog #	Finish	Description <ul style="list-style-type: none"> • Supports up to 25 lbs • Not UL Listed 	Dimensions 
	T32WH	White		
	T32BL	Black		
	T32SL	Silver		
 Outlet Adapter	Catalog #	Finish	Description <ul style="list-style-type: none"> • Provides electrical receptacle • Not UL Listed • 7A max 	Dimensions 
	T33WH	White		
	T33BL	Black		
	T33SL	Silver		



Description

Designed to be installed in dry ceiling applications, such as suspended tile or drywall, in straight run configurations only.

Recessed Trac provides a clean, built-in and finished look to lighting designs. Juno's Recessed Trac installs into plasterboard and suspended ceilings for polished, professional decor. One-circuit Trac-Master® Recessed Trac sections allow trac fixtures to be mounted flush to the ceiling.

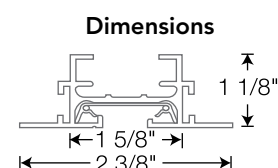
Features:

- Extruded aluminum channel
- Extruded thermoplastic insulator
- Debossed polarity line
- 12 gauge solid copper conductors
- 20 amp capacity
- UL Listed, CSA Certified
- Can be cut to custom length by installer

Recessed Trac Sections



Catalog #	Finish	Description
T14WH	White	4' Recessed Trac (One circuit, actual length 43 7/8")
T18WH	White	8' Recessed Trac (One circuit, actual length 91 7/8")

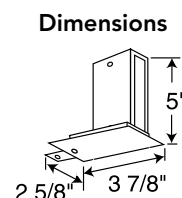


Recessed Trac Connectors



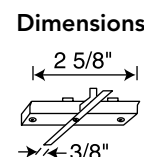
End Feed Connector

Catalog #	Finish	Description
T121WH	White	• With wiring box for electrifying trac



Mini Straight Connector

Catalog #	Finish	Description
T123WH	White	• Mechanically and electrically joins two trac sections end to end



Miscellaneous Trac Accessories

Recessed Trac may also be used with the Miscellaneous Trac Accessories shown on P. 998 in the Trac Tube System section.

Extension Wands

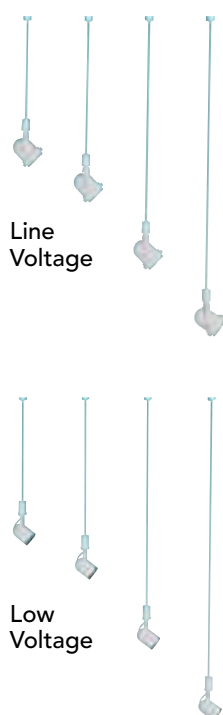
Extension wands suspend fixtures precisely where they are needed without lowering the trac section. On/Off switch is standard.

Line Voltage Extension Wands

Line voltage extension wands suspend all Juno line voltage trac fixtures from all 120V Juno Trac. Two extension wand types are available: one designed for use with the standard square Super Adapter found on most Trac-Master and Trac-Lites fixtures and one designed for use with the wide adapter found on Juno MH_v CMH trac fixtures, TBX18 & TBX39 Wall Wash trac fixtures and various other trac fixtures. Always confirm the fixture adapter type before specifying an extension wand to ensure compatibility. May also be used with Monopoints designed to accept Juno 120V trac fixtures. Constructed of 1/2" rigid tubular steel and Lexan® plastic.

Low Voltage Extension Wands

Low voltage extension wands suspend low voltage mini spotlights from Juno T537 and T538 Transformers (transformers can be used on all 120V trac). May also be used with low voltage Monopoints T539, T542, and T543. Constructed of 1/2" rigid tubular steel and Lexan® plastic.



Line Voltage Extension Wands		Low Voltage Extension Wands		Overall Length
Super Adapter Catalog #	Wide Adapter Catalog #	Catalog #	Finish	
TW12WH TW12BL TW12SL	TW12WA-WH TW12WA-BL TW12WA-SL	TWL12WH TWL12BL TWL12SLL	White Black Silver	13 1/2"
TW18WH TW18BL TW18SL	TW18WA-WH TW18WA-BL TW18WA-SL	TWL18WH TWL18BL TWL18SL	White Black Silver	19 1/2"
TW24WH TW24BL TW24SL	TW24WA-WH TW24WA-BL TW24WA-SL	TWL24WH TWL24BL TWL24SL	White Black Silver	25 1/2"
TW36WH TW36BL TW36SL	TW36WA-WH TW36WA-BL TW36WA-SL	TWL36WH TWL36BL TWL36SL	White Black Silver	37 1/2"
TW48WH TW48BL TW48SL	TW48WA-WH TW48WA-BL TW48WA-SL	TWL48WH TWL48BL TWL48SL	White Black Silver	49 1/2"
TWS24WH* TWS24BL* TWS24SL*	TWS24WA-WH* TWS24WA-BL* TWS24WA-SL*	- - -	White Black Silver	28 1/2"

* Wand with slope adapter on top. For Biax Series, consult factory.

Fixture Slope Ceiling Adapter

Attaches to Trac, permitting Juno Trac-Master and Trac-Lites Trac fixtures to be hung vertically from sloped ceiling. Two slope ceiling adapter types are available: one designed for use with the standard square Super Adapter found on most Trac-Master and Trac-Lites fixtures and one designed for use with the wide adapter found on Juno MH_v CMH trac fixtures, TBX18 & TBX39 Wall Wash trac fixtures and various other trac fixtures. Always confirm the adapter type before specifying a slope ceiling adapter to ensure compatibility. 90° maximum adjustment.

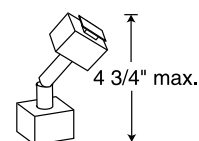


Super Adapter Catalog #
T95WH
T95BL
T95SL

Wide Adapter Catalog #
T95WA-WH
T95WA-BL
-

Finish
White
Black
Silver

Dimensions



Monopoints

Monopoints increase the versatility of Juno Trac fixtures by allowing them to be mounted where trac sections may not offer the best aesthetic or functional solution.

Outlet Box Monopoints

	Catalog # T40N-WH T40N-BL T40N-SL	Finish White Black Silver	Description <ul style="list-style-type: none"> • Mounts directly to outlet box • Accepts Juno 120V trac fixtures 	Dimensions
Line Voltage Monopoint				
	Catalog # T40F-WH T40F-BL T40F-SL	Finish White Black Silver	Description <ul style="list-style-type: none"> • Mounts directly to 4" outlet box only • Accepts Juno 120V trac fixtures using the standard square Super Adapter 	Dimensions
Line Voltage Monopoint-Flush Mount				
	Catalog # T58WH T58BL T58SL	Finish White Black Silver	Description <ul style="list-style-type: none"> • Mounts directly to outlet box • Designed to be used with T537, T538 Transformers, or with T252L fixtures 	Dimensions
Low Voltage Monopoint				
	Catalog # T41N-WH T41N-BL T41N-SL	Finish White Black Silver	Description <ul style="list-style-type: none"> • Mounts directly to outlet box • Accepts two Juno 120V trac fixtures 	Dimensions
Line Voltage Duopoint				

Special Monopoints

	Catalog # T42N-WH T42N-BL	Finish White Black	Description <ul style="list-style-type: none"> • For portable use • Accepts Juno 120V trac fixtures • Supplied with 8' cord and plug 	Dimensions
Weighted Base				

Special Monopoints



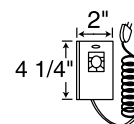
Catalog #
T45WH
T45BL

Finish
White
Black

Description

- Accepts Juno 120V trac fixtures using the standard square Super Adapter
- Supplied with 8' cord and plug

Dimensions



Pin-Up/Monopoint

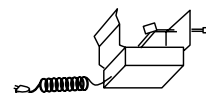


Catalog #
T46

Description

- Clamps to pipe or planking up to 2 1/2" thick
- Accepts Juno 120V trac fixtures using the standard square Super Adapter
- 8' 3-wire black cord and plug supplied

Dimensions



Clamp/Monopoint

Monopoint Cover for 6" Recessed Housings - Line Voltage



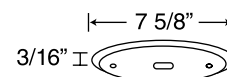
Catalog #
T57N-WH

Finish
White

Description

- Monopoint Adapter - Line Voltage
- Permits Juno line voltage trac fixtures to be attached directly to Juno 6" universal recessed incandescent housings

Dimensions



Monopoint Cover for 6" Recessed Housings - Low Voltage



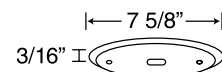
Catalog #
T539WH

Finish
White

Description

- Monopoint Adapter - Low Voltage
- Contains integral 12V, 50VA electronic transformer
- Permits Juno low voltage halogen trac fixtures that operate using a separate low voltage transformer to be attached directly to Juno 6" universal recessed incandescent housings

Dimensions



4" Low Voltage Recessed Monopoint (For New Construction)



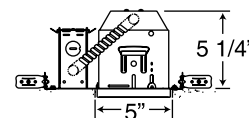
Catalog #
T543WH

Finish
White

Description


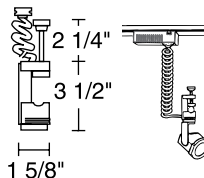

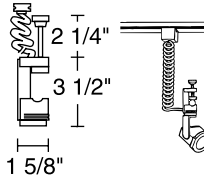

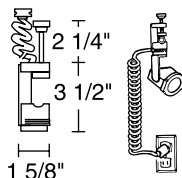
- For new construction
- Includes 50VA-12V magnetic transformer, pre-wired recessed housing, canopy, adjustable bar hangers and thermal protector
- Accepts Juno Trac fixtures that operate using a separate low voltage transformer

Dimensions




Coil Cord Clamp-Ons with Monopoint

Coil cord clamp-ons provide an innovative way to mount fixtures to pipe and flat surfaces up to 1 1/2" thick. Designed with futuristic styling in mind for dynamic displays and special mounting situations.

	Catalog # T135WH T135BL		Finish White Black	Description <ul style="list-style-type: none">• Attaches to T537, T537U or T538 Transformer• Accepts Juno low voltage trac fixtures• 2' coil cord extends to 5'	Dimensions 
Trac Low Voltage Coil Cord Clamp-On					
	Super Adapter Catalog # T132WH T132BL	Wide Adapter Catalog # T132WA-WH T132WA-BL	Finish White Black	Description <ul style="list-style-type: none">• Attaches to Juno 120V Trac sections• Accepts Juno 120V trac fixtures (confirm fixture adapter type before specifying to ensure compatibility)• Includes On/Off switch• 2' coil cord extends to 5'	Dimensions 
Trac Line Voltage Coil Cord Clamp-On					
	Super Adapter Catalog # T133WH T133BL	Wide Adapter Catalog # T133WA-WH T133WA-BL	Finish White Black	Description <ul style="list-style-type: none">• With coil cord and male plug (for standard 120V receptacle)• Accepts Juno 120V trac fixtures (confirm fixture adapter type before specifying to ensure compatibility)• Includes On/Off switch• 2' coil cord extends to 5'	Dimensions 
Plug-In Line Voltage Coil Cord Clamp-On					

Outrigger Trac Mounting Bracket (non-electrified)

	Catalog # T47WH T47BL	Finish White Black	Description <ul style="list-style-type: none"> For mounting trac out from wall Use two for 2', 4' or 6' trac sections, three for 8' sections, four for 12' sections Accepts Juno low voltage trac fixtures Order trac and trac connectors separately For portable electric feed, use T22 or T122 Cord Set For permanent wiring, use T38 Live End Feed 	Dimensions 24"L x 8"H

Halogen Low Voltage Transformers



Designer Transformer

Catalog

T537WH
T537BL
T537SL

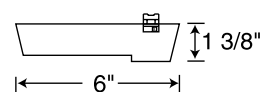
Finish

White
Black
Silver

Description

- Low profile designer 12V, 75VA electronic transformer with On/Off switch
- Attaches to all Trac-Master® or Trac-Lites™ trac
- Compatible with 12V halogen fixtures consuming up to 75W

Dimensions



Classic Transformer

Catalog

T538WH
T538BL
T538SL

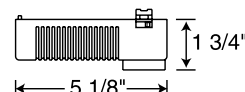
Finish

White
Black
Silver

Description

- Classic 12V, 75VA electronic transformer with On/Off switch
- Attaches to all Trac-Master or Trac-Lites trac
- Compatible with 12V halogen fixtures consuming up to 75W

Dimensions



LED-Compatible Low Voltage Transformers



Designer Transformer

Catalog

T537UWH
T537UBL
T537USL

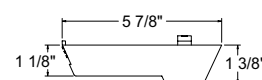
Finish

White
Black
Silver

Description

- Low profile designer 12V, 50VA electronic transformer with On/Off switch
- Attaches to all Trac-Master or Trac-Lites trac
- Compatible with 12V LED or halogen fixtures consuming up to 50W

Dimensions



Halogen Quick Jack Low Voltage Transformers



Designer Transformer

Catalog

T537QJWH
T537QJBL
T537QJSL

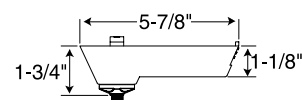
Finish

White
Black
Silver

Description

- Low profile designer 12V, 75VA Quick Jack electronic transformer with On/Off switch
- Attaches to all Trac-Master or Trac-Lites trac
- Compatible with 12V halogen Quick Jack fixtures consuming up to 75W

Dimensions



LED-Compatible Quick Jack Low Voltage Transformers



Designer Transformer

Catalog

T537QJU-WH
T537QJU-BL
T537QJU-SL

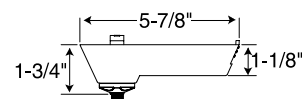
Finish

White
Black
Silver

Description

- Low profile designer 12V, 50VA Quick Jack electronic transformer with On/Off switch
- Attaches to all Trac-Master or Trac-Lites trac
- Compatible with 12V LED or halogen Quick Jack fixtures consuming up to 50W

Dimensions





Description

The Juno Current Limiting Subpanel permits you to take full advantage of any line voltage trac lighting without being penalized by watts-per-linear-foot code calculations. The subpanel is typically installed out-of-sight in an electrical control room, providing a centralized location for installation wiring and breaker access in the event of a circuit overload. The Current Limiting Subpanel installs between the branch circuit breaker and the trac lighting equipment. This limits the amount of power that is available to operate the trac circuit to only the wattage needed per the lighting plan. Installation labor is minimized since multiple trac runs can be fed from a single current limiting circuit breaker.

The subpanel is offered in any configuration from 1 thru 42 circuits and is available in either surface or flush mount versions. Current limiting is provided by 0.5A to 15A supplementary current limiting breakers that are selected at the time of order based on the actual lighting loads specified. Breakers are rated 120/277V and are available in 0.5A, 1A, 2A, 3A, 4A, 5A, 6A, 7A, 8A, 10A, 13A and 15A current ratings. Note that Juno recommends that breakers be loaded to maximum of 80% of rating to avoid nuisance tripping. All Current Limiting Subpanels are factory pre-assembled and customized for your specific application... no programming is required. Complimentary factory assistance is available to guide you through the simple specification process.

Key Features

Designed to be installed between the branch circuit breaker and the lighting equipment • Not intended to be used as a primary circuit protector • Factory pre-assembled and customized • No programming required • Suitable for use with all line voltage trac systems

Construction Heavy-duty 14 gauge die formed steel enclosure • Hinged door with key-locking latch • Removable front panel with factory labeled breaker wiring data simplifies installation • Ample quantity of combination (1/2", 3/4", 1") knockouts provide maximum installation flexibility for top, bottom and side conduit connections • Precision 35mm DIN rail mounting secures breakers in place

Finish Durable powder coat paint • Industrial silver/gray metallic color standard

Circuit Breakers Single pole supplementary circuit breakers • Rated for 120/277VAC operation • Available in individual amperage ratings from 0.5A, 1A, 2A, 3A, 4A, 5A, 6A, 7A, 8A, 10A, 13A and 15A • Protectors should be loaded to a maximum of 80% of rating to avoid nuisance tripping • Wiring installs directly into breaker terminal • Color-coded ON/OFF indicator window clearly identifies status • Easily resettable in an accessible location in the event of an overcurrent situation • UL489, CSA 22.2, IEC 898 approved

Labels UL 508 Listed • cUL Listed • Approved by the California Energy Commission to meet the requirements of California Title 24 • Complies with ASHRAE 90.1

Warranty Product is warranted against defects in material and workmanship for a period of 3 years.

Product specifications subject to change without notice.

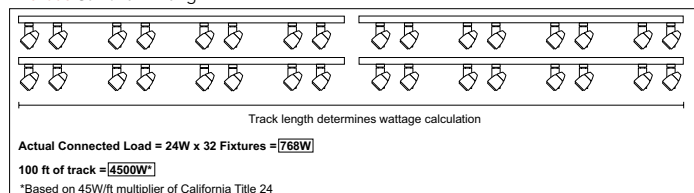
Energy Code Calculations

Illustrated below is an example of what current limiting means for trac lighting relative to today's energy codes. The standard layout without a current limiting solution consists of 100' of single circuit trac (4 circuits x 25' each) with 32 LED trac fixtures, each consuming 24W maximum, for a total connected load of 768W. Per the Title 24 energy code, the wattage calculation would be a much greater 4500W.

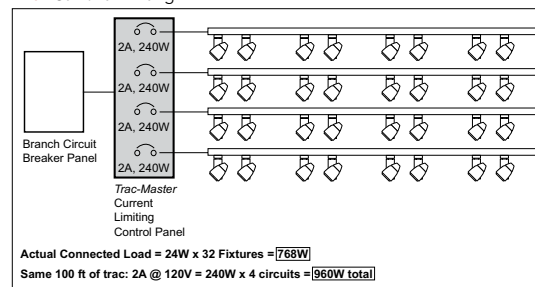
The scenario with the Trac-Master Current Limiting Subpanel uses the original 100' of single circuit trac, broken down into four 25' runs, with each monitored by a 2-Amp current limiting supplementary protector that is closely matched to the actual connected load plus a small buffer. This results in the minimum calculated watts per the energy codes, making the wattage calculation independent of trac length. In a real application, there would be many more trac lighting circuits, resulting in an even greater calculated wattage reduction.

Calculations Example

Without Current Limiting



With Current Limiting



Current Limiting Subpanels (cont)

Surface Mount

Catalog #	Description	4-12 Circuit Panel
CLS1M	Surface Mount, 1 Circuit	
CLS2M	Surface Mount, 2 Circuit	
CLS3M	Surface Mount, 3 Circuit	
CLS4M	Surface Mount, 4 Circuit	
CLS5M	Surface Mount, 5 Circuit	
CLS6M	Surface Mount, 6 Circuit	
CLS7M	Surface Mount, 7 Circuit	
CLS8M	Surface Mount, 8 Circuit	
CLS9M	Surface Mount, 9 Circuit	
CLS10M	Surface Mount, 10 Circuit	
CLS11M	Surface Mount, 11 Circuit	
CLS12M	Surface Mount, 12 Circuit	

Catalog #	Description	6-21 Circuit Panel
CLS6	Surface Mount, 6 Circuit	
CLS7	Surface Mount, 7 Circuit	
CLS8	Surface Mount, 8 Circuit	
CLS9	Surface Mount, 9 Circuit	
CLS10	Surface Mount, 10 Circuit	
CLS11	Surface Mount, 11 Circuit	
CLS12	Surface Mount, 12 Circuit	
CLS13	Surface Mount, 13 Circuit	
CLS14	Surface Mount, 14 Circuit	
CLS15	Surface Mount, 15 Circuit	
CLS16	Surface Mount, 16 Circuit	
CLS17	Surface Mount, 17 Circuit	
CLS18	Surface Mount, 18 Circuit	
CLS19	Surface Mount, 19 Circuit	
CLS20	Surface Mount, 20 Circuit	
CLS21	Surface Mount, 21 Circuit	

Catalog #	Description	22-42 Circuit Panel
CLS22	Surface Mount, 22 Circuit	
CLS23	Surface Mount, 23 Circuit	
CLS24	Surface Mount, 24 Circuit	
CLS25	Surface Mount, 25 Circuit	
CLS26	Surface Mount, 26 Circuit	
CLS27	Surface Mount, 27 Circuit	
CLS28	Surface Mount, 28 Circuit	
CLS29	Surface Mount, 29 Circuit	
CLS30	Surface Mount, 30 Circuit	
CLS31	Surface Mount, 31 Circuit	
CLS32	Surface Mount, 32 Circuit	
CLS33	Surface Mount, 33 Circuit	
CLS34	Surface Mount, 34 Circuit	
CLS35	Surface Mount, 35 Circuit	
CLS36	Surface Mount, 36 Circuit	
CLS37	Surface Mount, 37 Circuit	
CLS38	Surface Mount, 38 Circuit	
CLS39	Surface Mount, 39 Circuit	
CLS40	Surface Mount, 40 Circuit	
CLS41	Surface Mount, 41 Circuit	
CLS42	Surface Mount, 42 Circuit	

Flush Mount

Catalog #	Description	6-21 Circuit Panel
CLS6F	Flush Mount, 6 Circuit	
CLS7F	Flush Mount, 7 Circuit	
CLS8F	Flush Mount, 8 Circuit	
CLS9F	Flush Mount, 9 Circuit	
CLS10F	Flush Mount, 10 Circuit	
CLS11F	Flush Mount, 11 Circuit	
CLS12F	Flush Mount, 12 Circuit	
CLS13F	Flush Mount, 13 Circuit	
CLS14F	Flush Mount, 14 Circuit	
CLS15F	Flush Mount, 15 Circuit	
CLS16F	Flush Mount, 16 Circuit	
CLS17F	Flush Mount, 17 Circuit	
CLS18F	Flush Mount, 18 Circuit	
CLS19F	Flush Mount, 19 Circuit	
CLS20F	Flush Mount, 20 Circuit	
CLS21F	Flush Mount, 21 Circuit	

Catalog #	Description	22-42 Circuit Panel
CLS22F	Flush Mount, 22 Circuit	
CLS23F	Flush Mount, 23 Circuit	
CLS24F	Flush Mount, 24 Circuit	
CLS25F	Flush Mount, 25 Circuit	
CLS26F	Flush Mount, 26 Circuit	
CLS27F	Flush Mount, 27 Circuit	
CLS28F	Flush Mount, 28 Circuit	
CLS29F	Flush Mount, 29 Circuit	
CLS30F	Flush Mount, 30 Circuit	
CLS31F	Flush Mount, 31 Circuit	
CLS32F	Flush Mount, 32 Circuit	
CLS33F	Flush Mount, 33 Circuit	
CLS34F	Flush Mount, 34 Circuit	
CLS35F	Flush Mount, 35 Circuit	
CLS36F	Flush Mount, 36 Circuit	
CLS37F	Flush Mount, 37 Circuit	
CLS38F	Flush Mount, 38 Circuit	
CLS39F	Flush Mount, 39 Circuit	
CLS40F	Flush Mount, 40 Circuit	
CLS41F	Flush Mount, 41 Circuit	
CLS42F	Flush Mount, 42 Circuit	

Note:

Individual current limiting circuit breaker ratings are determined by the electrical layout drawings. A submittal package will be provided by Juno Lighting Group for customer approval following receipt of order. Current limiting circuit breaker ratings and panel position must be provided at the time of order but are not required to be specified as part of the catalog number.



Description

Juno Current Limiting Feeds are the perfect solution for new construction or for bringing existing Juno line voltage trac lighting applications into conformance with today's stringent energy codes. They enable you to take full advantage of energy efficient, high-performance LED, ceramic metal halide and fluorescent trac fixtures without being penalized by watts-per-linear-foot code calculations, reducing calculated watts by as much as 75% or more.

Current Limiting Feeds are designed to take the place of standard non-limiting feeds and are installed at every trac feed location. The feeds are compact and mount close to the ceiling for an unobtrusive appearance. Available in both end feed and in-line feed configurations, the Current Limiting Feeds can be specified for either Trac-Master 1-circuit or Trac-Master 2-circuit systems. In-line feeds and 2-circuit end feeds are designed to accept up to two current limiting circuit breakers simultaneously. Feeds are supplied with tamper-resistant cover screws and screwdriver bits making installation convenient and future tampering impractical.

Current limiting circuit breakers (ordered separately) are available in increments from 0.5A to 14A enabling selection that closely matches the planned wattage use. Color-coded ON/OFF indication clearly identifies their status and they are easily resettable in the event of an overload situation.

Key Features

Designed to be installed at every trac feed location, in place of a standard non-limiting feed • In-line feeds can be used to feed trac as one electrical circuit in both directions or as two separate circuits using two current limiters • Feed connector and current limiting circuit breaker are specified and ordered separately for maximum configuration flexibility • Not intended to be used as a primary circuit protector

Construction Heavy-duty 14 gauge (0.075 thick) die formed galvanized steel mounting plate • Surface or j-box mounting • T-bar compatible when fed directly • Mounting holes provided for j-box attachment • Center knockout enables feeding from j-box for simple wiring termination • Two 7/8" knockouts for direct electrical feed connections • Includes ground terminal attachment screw • Injection molded polycarbonate cover with tearout for 2-breaker installations • Cover attaches to mounting plate using tamper-resistant screws (screwdriver bit supplied with electrical feed connector)

Finish Available in white, black or silver finishes • Supplementary current limiting circuit breakers are ordered separately and can be specified in corresponding finishes to match feed connector

Supplementary Circuit Breakers Miniature single pole supplementary current limiters limit the current (wattage) that can be consumed on the trac section being fed • Utilizes hydraulic magnetic technology which provides accurate and reliable circuit protection even when exposed to extremely hot and/or cold application environments • Rated for 120VAC, 60Hz operation • Available in individual amperage ratings of 0.5A, 1A, 2A, 3A, 4A, 5A, 6A, 7A, 8A, 9A, 10A, 12A and 14A, selected based on actual lighting loads • Can be operated continuously at rated current • Specially designed to prevent nuisance tripping • Easily snaps into mounting plate without the use of tools • Leads wires provided for simplified installations • ON/OFF indication clearly identifies breaker status • Easily resettable in the event of an overcurrent situation

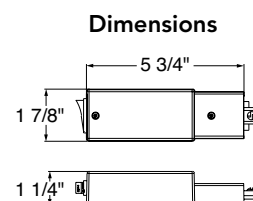
Labels UL 1077 Listed, CSA 22.2 approved • Approved by the California Energy Commission to meet the requirements of Title 24 • Complies with ASHRAE 90.1 and IECC Section 805.5.1.4 for trac current limiting

Current Limiting Feeds



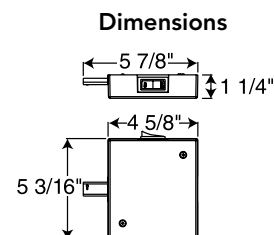
Mini End Feeds

Catalog #	Finish	Trac Type	Description
TCLFM11WH	White	1-Circuit	End Feed
TCLFM11BL	Black		
TCLFM11SL	Silver		
TCLFMR11WH	White	1-Circuit	Same as above except designed for use in opposite polarity orientation compared to standard feeds – see specification sheets for more details
TCLFMR11BL	Black		
TCLFMR11SL	Silver		



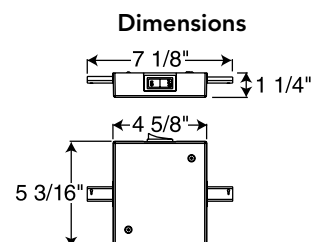
End Feeds

Catalog #	Finish	Trac Type	Description
TCLF11WH	White	1-Circuit	End Feed
TCLF11BL	Black		
TCLF11SL	Silver		
TUCLF11WH	White	2-Circuit	End Feed
TUCLF11BL	Black		
TUCLF11SL	Silver		



In-Line Feeds

Catalog #	Finish	Trac Type	Description
TCLF21WH	White	1-Circuit	In-Line Feed
TCLF21BL	Black		
TCLF21SL	Silver		
TUCLF21WH	White	2-Circuit	In-Line Feed
TUCLF21BL	Black		
TUCLF21SL	Silver		



Current Limiting Circuit Breakers - Order Separately Example: TCLF11BL and TCL5BL



Catalog #	Description	Wattage	Finish
TCL0.5	0.5A Current Limiting Circuit Breaker	60W	WH, BL
TCL1	1A Current Limiting Circuit Breaker	120W	WH, BL
TCL2	2A Current Limiting Circuit Breaker	240W	WH, BL
TCL3	3A Current Limiting Circuit Breaker	360W	WH, BL
TCL4	4A Current Limiting Circuit Breaker	480W	WH, BL
TCL5	5A Current Limiting Circuit Breaker	600W	WH, BL
TCL6	6A Current Limiting Circuit Breaker	720W	WH, BL
TCL7	7A Current Limiting Circuit Breaker	840W	WH, BL
TCL8	8A Current Limiting Circuit Breaker	960W	WH, BL
TCL9	9A Current Limiting Circuit Breaker	1080W	WH, BL
TCL10	10A Current Limiting Circuit Breaker	1200W	WH, BL
TCL12	12A Current Limiting Circuit Breaker	1440W	WH, BL
TCL14	14A Current Limiting Circuit Breaker	1680W	WH, BL

Current Limiting Pendant Stem Kits

Current Limiting Pendant Stem Kits combine the functionality of pendant mounting with the ability to feed the trac with current limiting in an attractive, integrated solution.



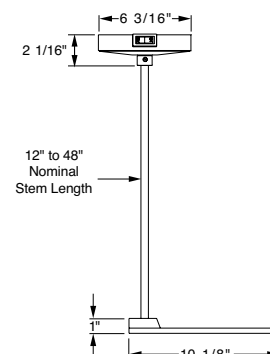
T-Bar Ceiling Mount

Catalog #	Finish
T90CLF-12-BL	Black
T90CLF-12-SL	Silver
T90CLF-12-WH	White
T90CLF-18-BL	Black
T90CLF-18-SL	Silver
T90CLF-18-WH	White
T90CLF-24-BL	Black
T90CLF-24-SL	Silver
T90CLF-24-WH	White
T90CLF-36-BL	Black
T90CLF-36-SL	Silver
T90CLF-36-WH	White
T90CLF-48-BL	Black
T90CLF-48-SL	Silver
T90CLF-48-WH	White

Description

- Compatible with 15/16" flush T-bar ceilings
- 12", 18", 24", 36", 48" stem lengths
- Includes mounting plate, canopy, stem and wireway cover (order T38 or TU38 trac feed connector and current limiting circuit breaker separately)

Dimensions



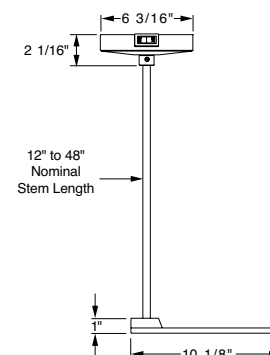
Rigid Ceiling Mount

Catalog #	Finish
T91CLF-12-BL	Black
T91CLF-12-SL	Silver
T91CLF-12-WH	White
T91CLF-18-BL	Black
T91CLF-18-SL	Silver
T91CLF-18-WH	White
T91CLF-24-BL	Black
T91CLF-24-SL	Silver
T91CLF-24-WH	White
T91CLF-36-BL	Black
T91CLF-36-SL	Silver
T91CLF-36-WH	White
T91CLF-48-BL	Black
T91CLF-48-SL	Silver
T91CLF-48-WH	White

Description







- Compatible with rigid ceilings
- 12", 18", 24", 36", 48" stem lengths
- Includes mounting plate, canopy, stem and wireway cover (order T38 or TU38 trac feed connector and current limiting circuit breaker separately)

Dimensions



Light Control Accessories

The Juno complete range of light control accessories permit the designer to custom tailor effects.

Accessory Holders		1 3/4" DIA.	COMPATIBLE WITH	2" DIA.	COMPATIBLE WITH
	Required for listed fixtures. Accepts one filter, lens, and louver except where noted.			T7400BL T7400SA Accepts up to 2 accessories	T227, T401, T630
UV Filters					
	These museum quality lenses filter out ultraviolet radiation below 400 nanometers to protect fade sensitive art and objects.	T5522	T196, T216, T290**, T291, T338**, T340**, T350, T406*, T430, T442, T443, T447, T480, T696, T805, T807, T809, TP216, TP443	T7422	T252L, T640*, T261L***, T811*, T812*, T816*, T817*, T841*, T850*, T890*, TM141*, TM241* and fixtures with T7400 Accessory Holder
Dichroic Color Correction Filters					
	Color Correction Filters correct the light, either to warm it up to approximate incandescent, or cool it down to approximate daylight.	Halogen-to-Incandescent, 2700K Halogen-to-Daylight, 4250K HID-to-Incandescent for HID Lampholders	T5518 T5516	T7418 T7416 T7419	
Color Filters		Dichroic Glass Filters			
	Color Filters change white light into colored light and are available in colored glass and more efficient/saturated dichroic filters.	Red Medium Green Medium Blue Yellow Magenta Blue-Green (Cyan)	T5501 T5503 T5504 T5505 T5506 T5511	T7401 T7403 T7404 T7405 T7406 T7411	
		Colored Glass Filters			
		Medium Pink Warm Red Daylight Blue Medium Blue Medium Amber Medium Green	T551 T552 T553N T554N T555 T556	T741 T742 T743 T744 T745 T746	
Light Control Lenses					
	These alter the light distribution of a given lamp, enlarging or elongating it, softening the beam edge or removing striations.	Uniformity Lens (Solite™) Diffusion Lens Prismatic Spread Lens Linear Spread Lens	T5521 T5520 T557 T559	T196, T216, T290**, T291, T338**, T340**, T350, T406, T430, T442, T443, T447, T480, T696, T805, T807, T809, TP216, TP443	T7421 T7420 T7477 T7478
Louvers					
	Hexcell and Cube Cell louvers reduce perceived fixture brightness.	Hexcell Louvers Cube Cell Louvers	T5559BL	T7459BL	

* Simultaneously accepts any combination of up to two filters, lenses or louver.

** T338, T340 can accept 1 3/4" filters, lenses and louver standard and can also accept 4 11/16" filters, lenses and louver when combined with T570 Accessory Holder or T72 Barn Door accessory. T290 can accept 1 3/4" filters, lenses and louver standard and can also accept 3 3/4" filters, lenses and louver standard.



*** Accepts one filter, lens or louver (except wide flood version).

Solite™ is a trademark of AGC Solar.

2 3/4" DIA.	COMPATIBLE WITH	3 3/4" DIA.	COMPATIBLE WITH	4 11/16" DIA.	COMPATIBLE WITH	5 1/2" DIA.	COMPATIBLE WITH
		T560BL	T303, T313, T326 T393, T423	T570BL	T305, T315, T327 T338**, T340**, T395, T425	T580BL	T307, T317, T328, T342, T397, T427
		T660BL	T218, TP613				
		T645MC-BL T645MC-SL T645MC-WH	T645	T670BL	T219, T305, T315 T327, T338**, T340		
		T853MC Accepts up to 2 accessories	T853	TM538BL Accepts up to 2 accessories	T404, TM204		
		T893MC Accepts up to 2 accessories	T893				
		TM530BL Accepts up to 2 accessories	T403, TM203				
T5922	T407*, T844*, TM144*, TM207*, TM232, TM233, TM254	T5622	T254L*, T262L*, T263L*, T290**, T293, T295, T408*, T483, T845*, TM108*, TM208*, TM213-TM218, TM245* and fixtures with T560, T645MC, T660, T853MC, T893MC or TM530 Accessory Holder	T5722	T209L*, T255L*, T265L*, T267L*, T292, T294, T368, T409*-T411*, T485, T487, T846*, TM109*, TM209*, TM246*, TM250*, TM251* and fixtures with T570, T670 or TM538 Accessory Holder		T296, T487 and fixtures with T580 Accessory Holder
T5918		T5618		T5718			
T5916		T5616		T5716			
T5919		T5619		T5719			
T5901		T5601		T5701			
T5903		T5603		T5703			
T5904		T5604		T5704			
T5905		T5605		T5705			
T5906		T5606		T5706			
T5911		T5611		T5711			
T591		T561		T571	T255L*, T265L*, T267L*, T292, T294, T368, T409*-T411*, T485, T487, T846*, TM109*, TM209*, TM246*, TM250*, TM251* and fixtures with T570, T670 or TM538 Accessory Holder	T581	
T592		T562		T572		T582	
T593		T563		T573		T583	
T594		T564		T574		T584	
T595		T565		T575		T585	
T596		T566		T576		T586	
T5921		T5621		T5721			
T5920		T5620		T5720			
T597		T5677		T5777			
T598		T5678		T5778			
T5928BL							
		T569BL	T218, T254*, T262L*, T263L*, T290**, T293, T295, T408*, T483, T845*, TM108*, TM208*, TM213- TM218, TM245* and fixtures with T560, T645MC, T660, T853MC, T893MC or TM530 Accessory Holder	T579BL	T209L*, T219, T255L*, T265L*, T267L*, T292, T294, T368, T409*- T411*, T485, T487, T846*, TM109*, TM209*, TM246*, TM250*, TM251* and fixtures with T570, T670 or TM538 Accessory Holder	T589BL	

* Simultaneously accepts any combination of up to two filters, lenses or louver.

** T338, T340 can accept 1 3/4" filters, lenses and louver standard and can also accept 4 11/16" filters, lenses and louver when combined with T570 Accessory Holder or T72 Barn Door accessory. T290 can accept 1 3/4" filters, lenses and louver standard and can also accept 3 3/4" filters, lenses and louver standard.

			1 3/4" DIA.	COMPATIBLE WITH	2" DIA.	COMPATIBLE WITH
Snoots and Eyebrows						
 <p>Snoots and Eyebrows extend lamp shielding and can reduce spill light in the edge of a beam pattern.</p>	Snoot		T558BL	T216, TP216, T442, T480, T809		
	Eyebrow		T556BL	T480, TP621, T809		
Barn Doors						
 <p>Barn Doors create a theatrical look and allow control of the spill light coming off of a lamp.</p>	<p>Barn Doors</p> <p>Does not require separate accessory holder except where noted.</p>		T74BL	T216, TP216, T430, T431, T442, T480, TP621	T7470BL Also requires T7400 Accessory Holder	T401, T630

2 3/4" DIA.	COMPATIBLE WITH	3 3/4" DIA.	COMPATIBLE WITH	4 11/16" DIA.	COMPATIBLE WITH	5 1/2" DIA.	COMPATIBLE WITH
		T577BL	T218, TP613	T587BL	T219, T487, TP614, T624		
		T71BL Accepts 3 3/4" filters, lenses and louver	T303, T313, T326, T393, T423	T72BL Accepts 4 11/16" filters, lenses and louver	T305, T315, T327, T338**, T340**, T395, T425	T73WH T73BL Accepts 5 1/2" filters, lenses and louver	T307, T317, T328, T342, T397, T427
		TW71BL Accepts 3 3/4" filters, lenses and louver	T435	TW72BL Accepts 4 11/16" filters, lenses and louver	T437		
		TW75BL Accepts 3 3/4" filters, lenses and louver	T433				

** T338, T340 can accept 1 3/4" filters, lenses and louver standard and can also accept 4 11/16" filters, lenses and louver when combined with T570 Accessory Holder or T72 Barn Door accessory. T290 can accept 1 3/4" filters, lenses and louver standard and can also accept 3 3/4" filters, lenses and louver standard.



Dynamic lighting effects at affordable prices, Juno Trac-Lites family of products features trac systems and kits in the most popular styles.

Quality features and pleasing forms combine to define affordable style for today's interiors.

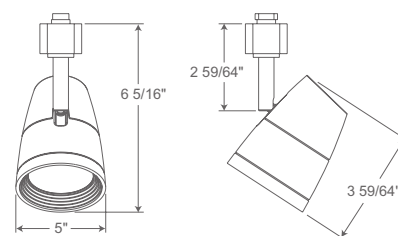
Trac-Lites fixtures are compatible with all Juno Trac-Master trac systems and Trac-Master fixtures are compatible with Trac-Lites trac systems.

R600L LED

The R600L Series 10W LED is an economical and affordable trac fixture, with a simple and timeless aesthetic. It approximates the light output and distribution of 50W MR16 halogen lamps, utilizing about 20% of the energy and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a minimum 80 CRI. Optional high CRI versions are available with a minimum 90 CRI. The R600L Series LED is available in spot, narrow flood and flood beam distributions. Spot versions are achieved using a custom TIR-based optical system. Narrow flood and flood beam distributions are achieved using interchangeable precision-molded custom lenses; there is even a Universal Beam version which includes both narrow flood and flood lenses for maximum versatility. Accessories are also offered which enable beam-specific fixtures to be converted in the field. Standard versions are dimming compatible. The R600L is compatible with Juno Trac-Lites and Trac-Master trac and system components.



Dimensions



Ordering Information

Examples: **R600L27HCNBL**, **R600L3KUWH**

Series	Color Temperature	Color Rendering Index	Beam Spread	Finish
R600L	27	HC	N	WH
R600L 10W LED	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	K - 80 CRI Minimum HC - 90 CRI Minimum	S - Spot N - Narrow Flood F - Flood U - Universal Beam (includes narrow flood & flood lenses)	BL - Black BZ - Bronze SL - Silver WH - White

Accessories

For Fixture:	R600L
TIR Optic - Spot - Black	TIR-4-SP-BL
TIR Optic - Spot - White	TIR-4-SP-WH
Lens - Narrow Flood	TLENS-4-NFL
Lens - Flood	TLENS-4-FL

Low Voltage Halogen

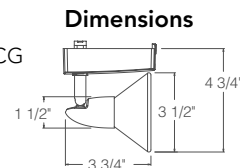
MR16 fixtures provide precise beam control and an intense, white light ideal for display and accent lighting. Select from a wide range of styles and finishes to complete your design.

Rocket



Catalog #	Finish	Lamp
R707WH	White with Opal Frost Glass	12V, 50W max. Halogen MR16CG
R707BL	Black with Opal Frost Glass	
R707SC	Satin Chrome with Opal Frost Glass	
R707BZ	Bronze with Amber Frost Glass	

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Requires 12V MR16 cover glass lamp except when used with T7400 Accessory Holder.

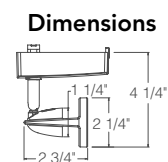


Odyssey



Catalog #	Finish	Lamp
R708WH	White	12V, 50W max. Halogen MR16
R708BL	Black	
R708SC	Satin Chrome	
R708BZ	Bronze	

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Accepts one 2" accessory.



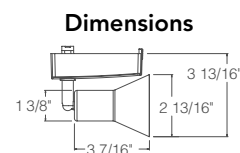
Accessories

For Fixtures:	R707	R708
Dual Accessory Holder	T7400SA, BL	–
Color Filters	T741-6	T741-6
Dichroic Filters	T7401-18	T7401-18
Diffusion Lens	T7420	T7420
Uniformity Lens	T7421	–
UV Filter	T7422	T7422
Prismatic Spread Lens	T7477	–
Linear Spread Lens	T7478	–
Hexcell Louver	T7459BL	T7459BL

Flare



Catalog #	Finish	Lamp
R709WH	White	12V, 50W max. Halogen MR16CG
R709BL	Black	
R709SC	Satin Chrome	
R709BZ	Bronze	

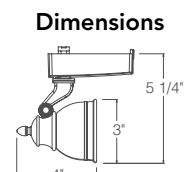


Complete unit includes a miniature 12V, 50VA solid state electronic transformer.
Requires 12V MR16 cover glass lamp except when used with
T7400 Accessory Holder.

Bell



Catalog #	Finish	Lamp
R710WH	White	12V, 50W max. Halogen MR16CG
R710BL	Black	
R710SC	Satin Chrome	
R710BZ	Bronze	

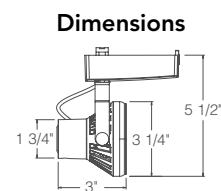


Complete unit includes a miniature 12V, 50VA solid state electronic transformer.
Integral baffle and deep lamp regression for optimal lamp shielding.
Aiming locks help retain fixture position during relamping.
Requires 12V MR16 cover glass lamp.

Funnel



Catalog #	Finish	Lamp
R703WH	White	12V, 50W max. Halogen MR16
R703BL	Black	
R703SL	Silver	
R703BZ	Bronze	

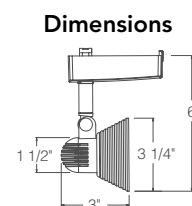


Complete unit includes a miniature 12V, 50VA solid state electronic transformer.
Integral step baffle and deep lamp regression for optimal lamp shielding.
Aiming locks help retain fixture position during relamping.
Accepts one 2" accessory.

Step Glass



Catalog #	Finish	Lamp
R704WH	White with Opal Frost Glass	12V, 50W max. Halogen MR16CG
R704BL	Black with Opal Frost Glass	
R704SL	Silver with Opal Frost Glass	
R704BZ	Bronze with Amber Frost Glass	



Complete unit includes a miniature 12V, 50VA solid state electronic transformer.
Aiming locks help retain fixture position during relamping. Requires 12V MR16
cover glass lamp except when used with T7400 Accessory Holder.

Accessories

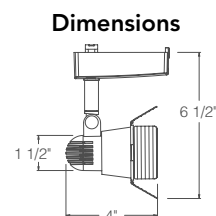
For Fixtures:	R703, R704	R709
Dual Accessory Holder	T7400SA, BL	-
Color Filters	T741-6	T741-6
Dichroic Filters	T7401-18	T7401-18
Diffusion Lens	T7420	T7420
Uniformity Lens	T7421	T7421
UV Filter	T7422	T7422
Prismatic Spread Lens	T7477	T7477
Linear Spread Lens	T7478	T7478
Hexcell Louver	T7459BL	T7459BL

Barn Doors



Catalog #	Finish	Lamp
R705WH	White	12V, 50W max. Halogen MR16CG
R705BL	Black	
R705SL	Silver	
R705BZ	Bronze	

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Barn Doors painted to match fixture finish. Aiming locks help retain fixture position during relamping. Requires 12V MR16 cover glass lamp.

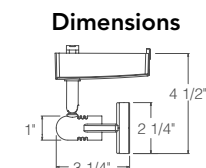


Trumpet



Catalog #	Finish	Lamp
R706WH	White	12V, 50W max. Halogen MR16
R706BL	Black	
R706SC	Satin Chrome	
R706BZ	Bronze	

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Accepts one 2" accessory.

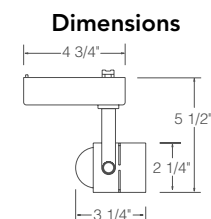


Cylinder



Catalog #	Finish	Lamp
R701WH	White	12V, 50W max. Halogen MR16
R701BL	Black	

Complete unit includes 12V, 50VA solid state electronic transformer. Aiming lock helps retain fixture position during relamping. Accepts one 2" accessory.

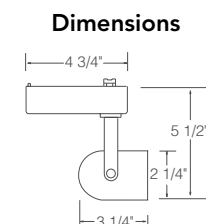


Round Back



Catalog #	Finish	Lamp
R702WH	White	12V, 50W max. Halogen MR16
R702BL	Black	

Complete unit includes 12V, 50VA solid state electronic transformer. Accepts one 1-3/4" accessory. With black bezel.



Accessories

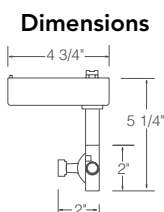
For Fixtures:	R701, R706	R702
Color Filters	T741-6	T551-6
Dichroic Filters	T7401-18	T5501-18
Diffusion Lens	T7420	T5520
Uniformity Lens	-	T5521
UV Filter	T7422	T5522
Prismatic Spread Lens	-	T557
Linear Spread Lens	-	T559
Hexcell Louver	T7459BL	T5559BL

Gimbal Ring



Catalog #	Finish	Lamp
R731WH	White	12V, 50W max. Halogen MR16
R731BL	Black	
R731SL	Silver	
R731BZ	Bronze	

Complete unit includes 12V, 50VA solid state electronic transformer.
Aiming lock helps retain fixture position during relamping.
Accepts one 2" accessory.

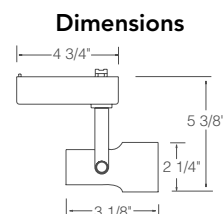


Pinchback



Catalog #	Finish	Lamp
R740WH	White	12V, 50W max. Halogen MR16
R740BL	Black	
R740BZ	Bronze	

Complete unit includes 12V, 50VA solid state electronic transformer.
Aiming lock helps retain fixture position during relamping.
Accepts one 2" accessory.

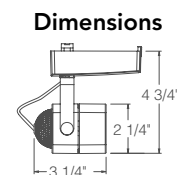


Cast Cube



Catalog #	Finish	Lamp
R741WH	White	12V, 50W max. Halogen MR16
R741BL	Black	
R741SC	Satin Chrome	
R741BZ	Bronze	

Complete unit includes a miniature 12V, 50VA solid state electronic transformer.
Aiming locks help retain fixture position during relamping.
Accepts one 2" accessory.



Accessories

For Fixtures:	R731, R740	R741
Color Filters	T741-6	T741-6
Dichroic Filters	T7401-18	T7401-18
Diffusion Lens	T7420	T7420
Uniformity Lens	T7421	—
UV Filter	T7422	T7422
Prismatic Spread Lens	T7477	—
Linear Spread Lens	T7478	—
Hexcell Louver	T7459BL	T7459BL

Open Back Spotlight


Catalog #

R711WH
R711BL

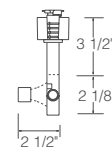
Finish

White
Black

Lamp

120V, 50W max. PAR16/MR16 GU10

Aiming lock helps retain fixture position during relamping.

Dimensions


Round Back Cylinder


Catalog #

R712WH
R712BL

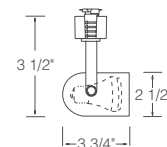
Finish

White
Black

Lamp

120V, 50W max. PAR16/MR16 GU10

With black bezel.

Dimensions


Step Cylinder


Catalog #

R713WH
R713BL

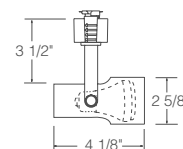
Finish

White
Black

Lamp

120V, 50W max. PAR16/MR16 GU10

With black bezel.

Dimensions


Cast Cube


Catalog #

R714WH
R714BL
R714SC
R714BZ

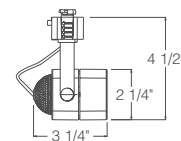
Finish

White
Black
Satin Chrome
Bronze

Lamp

120V, 50W max. MR16

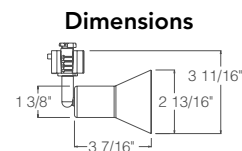
Aiming locks help retain fixture position during relamping.

Dimensions


Flare



Catalog #	Finish	Lamp
R715WH	White	120V, 50W max. PAR16/MR16 GU10
R715BL	Black	
R715SC	Satin Chrome	
R715BZ	Bronze	

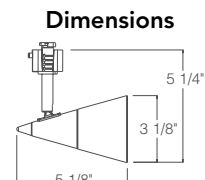


Glass Cone



Catalog #	Finish	Lamp
R716WH	White	120V, 50W max. PAR16/MR16 GU10
R716BL	Black	
R716SC	Satin Chrome	
R716BZ	Bronze	

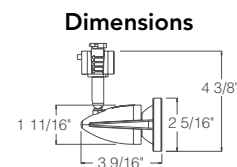
White (WH), Black (BL), and Satin Chrome (SC) with Opal Frost glass, Painted Bronze (BZ) with Amber Frost glass



Odyssey



Catalog #	Finish	Lamp
R717WH	White	120V, 50W max. PAR16/MR16 GU10
R717BL	Black	
R717SC	Satin Chrome	
R717BZ	Bronze	

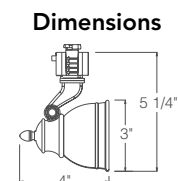


Bell



Catalog #	Finish	Lamp
R718WH	White	120V, 50W max. PAR16/MR16 GU10
R718BL	Black	
R718SC	Satin Chrome	
R718BZ	Bronze	

Integral baffle and deep lamp regression for optimal lamp shielding. Aiming locks help retain fixture position during relamping.



Universal

Simplicity and flexibility in a tight-to-the-trac design head the list of key features of the Trac-Lites™ Universal fixtures. Use PAR20 lamps for the smallest footprint or PAR30 lamps if more light is desired.

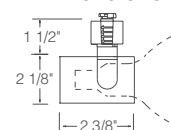


Catalog #
R541WH
R541BL

Finish
White
Black

Lamp
75W max. PAR20/PAR30

Dimensions



Flared Gimbals

A compact and contemporary appearance is dynamically achieved with the tight-to-the-trac Flared Gimbal series. The semi-exposed lamp design gives the fixture a lighter, open aesthetic, similar to traditional gimbal ring fixtures but with a little extra flare. Front relamping is a key feature of the Flared Gimbal series.

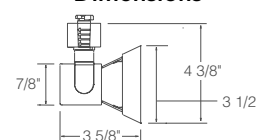


Catalog #
R531WH
R531BL
R531SC
R531BZ

Finish
White
Black
Satin Chrome
Bronze

Lamp
50W max. PAR20

Dimensions

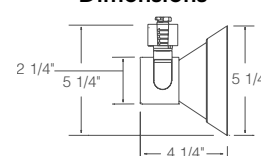


Catalog #
R532WH
R532BL
R532SC
R532BZ

Finish
White
Black
Satin Chrome
Bronze

Lamp
75W max. PAR30

Dimensions

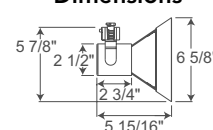


Catalog #
R530WH
R530BL
R530SC
R530BZ

Finish
White
Black
Satin Chrome
Bronze

Lamp
120W max. PAR38

Dimensions



Flared Steps

A compact and contemporary appearance is dynamically achieved with tight-to-the-trac Flared Step fixtures. The enclosed lamp design entirely hides the lamp from view. Front relamping is a key feature of the Flared Step series.



Catalog

R551WH
R551BL
R551SC
R551BZ

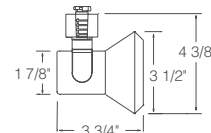
Finish

White
Black
Satin Chrome
Bronze

Lamp

50W max. PAR20

Dimensions



Catalog

R552WH
R552BL
R552SC
R552BZ

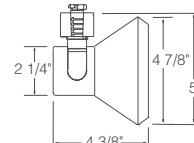
Finish

White
Black
Satin Chrome
Bronze

Lamp

75W max. PAR30

Dimensions



Catalog

R550WH
R550BL
R550SC
R550BZ

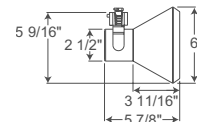
Finish

White
Black
Satin Chrome
Bronze

Lamp

120W max. PAR38

Dimensions



Round Back Cylinders

The timeless round back shape accepts a range of R, BR and PAR lamps and provides deep lamp shielding.


Catalog #

R500WH
R500BL

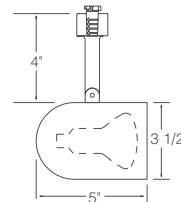
Without Baffle

Finish

White
Black

Lamp

50W max. R20/PAR20

Dimensions

Catalog #

R501W-WH

R501B-WH

R501B-BL

R501B-PB

R501B-BZ

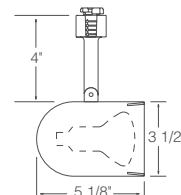
R501W - With White Baffle, R501B - With Black Baffle

Finish

White
White
Black
Polished Brass
Bronze

Lamp

50W max. R20/PAR20

Dimensions

Catalog #

R502W-WH

R502B-WH

R502B-BL

R502B-BZ

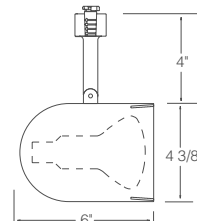
R502W - With White Baffle, R502B - With Black Baffle,
Short neck PAR30 requires T599 Socket Extender

Finish

White
White
Black
Bronze

Lamp

75W max. BR30/PAR30/PAR30L

Dimensions


Flat Back Cylinders

These long-standing traditional lampholders accept a range of R, BR and PAR lamps and provide deep lamp shielding.


Catalog #

R521W-WH

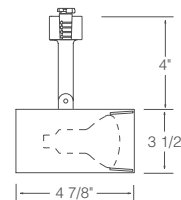
With White Baffle

Finish

White

Lamp

50W max. R20/PAR20

Dimensions

Catalog #

R522W-WH

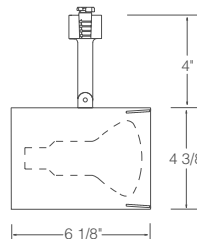
With White Baffle, Short neck PAR30 requires T599 Socket Extender

Finish

White

Lamp

75W max. BR30/PAR30/PAR30L

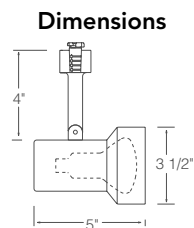
Dimensions


Step Cylinders

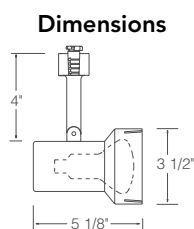
One of the original trac lampholder designs, Step Cylinders are still popular for more utilitarian applications. They accept a range of R, BR and PAR lamps and provide deep lamp shielding.



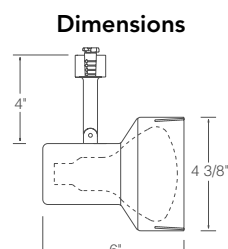
Catalog #	Finish	Lamp
R510WH	White	50W max. R20/PAR20
R510BL	Black	
Without Baffle		



Catalog #	Finish	Lamp
R511W-WH	White	50W max. R20/PAR20
R511B-WH	White	
R511B-BL	Black	
R511B-PB	Polished Brass	
R511W - With White Baffle, R511B - With Black Baffle		



Catalog #	Finish	Lamp
R512W-WH	White	75W max. BR30/PAR30/PAR30L
R512B-WH	White	
R512B-BL	Black	
R512W - With White Baffle, R512B - With Black Baffle, Short neck PAR30 requires T599 Socket Extender		

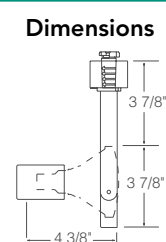


Open Back Spotlights

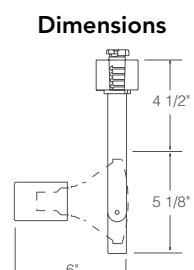
The most common and basic trac fixtures for retail applications, Open Back Spotlight fixtures are ideal where fixture economy is the primary fixture selection factor or PAR38 lamps are needed for longer throws. These fixtures are rear loading.



Catalog #	Finish	Lamp
R533WH	White	75W max. PAR30
R533BL	Black	



Catalog #	Finish	Lamp
R534WH	White	120W max. PAR38
R534BL	Black	



Decorative Pendants

Glass pendants in a line voltage incandescent design provides efficient task lighting over counters and tables while adding a decorative touch to interiors.

Line Voltage - Large Cone



Catalog

R560BU

R560WH

Finish

Blue

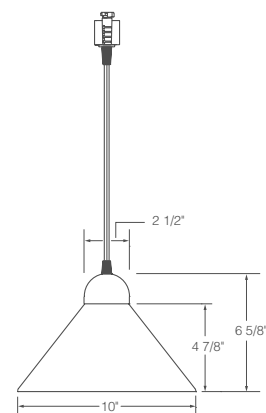
White

Lamp

60W A19 Max.

Complete unit includes 48" field adjustable pendant cord and blue or white glass cone shade. Includes on/off switch. Lamp supplied by others.

Dimensions



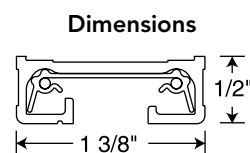
Trac Sections



Features

- Low 1/2" profile fits snugly to ceiling
- Rigid extruded aluminum channel
- Standard solid 12 gauge copper conductors
- 20 Amp capacity
- Debossed polarity line provides visual alignment with fixture and connector polarity arrows
- One circuit only
- Dead end and mounting hardware included
- Can be cut to custom length by installer

Catalog #	Finish	Description
R2WH	White	2' Trac
R2BL	Black	19 7/8" actual length
R2NA	Natural	
R2SL	Silver	
R2BZ	Bronze	
R4WH	White	4' Trac
R4BL	Black	43 7/8" actual length
R4NA	Natural	
R4SL	Silver	
R4BZ	Bronze	
R6WH	White	6' Trac
R6BL	Black	67 7/8" actual length
R6NA	Natural	
R6SL	Silver	
R6BZ	Bronze	
R8WH	White	8' Trac
R8BL	Black	91 7/8" actual length
R8NA	Natural	
R8SL	Silver	
R8BZ	Bronze	



Trac Dead End



Trac Dead End

Catalog #	Finish	Description
R28WH	White	<ul style="list-style-type: none"> • Only required when terminating extra field cut-off sections • One supplied with Trac Section
R28BL	Black	
R28SL	Silver	
R28BZ	Bronze	

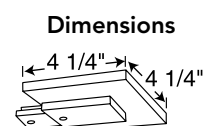


Electrical Feeds



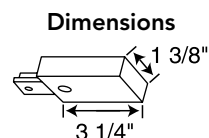
End Feed Connector and Outlet Box Cover

Catalog #	Finish	Description
R21WH	White	<ul style="list-style-type: none"> • For outlet box feed • Includes outlet box cover, fixture strap, and ground screw
R21BL	Black	
R21SL	Silver	
R21BZ	Bronze	
R21RWH	White	<ul style="list-style-type: none"> • Same as above except designed for use in opposite polarity orientation compared to standard feed connectors • See specification sheets for more details
R21RBL	Black	
R21RSL	Silver	
R21RBZ	Bronze	

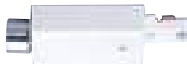
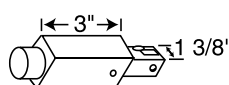



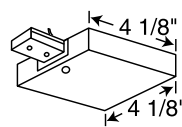
End Feed Connector


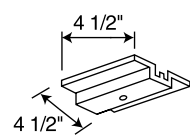
Catalog #	Finish	Description
R38WH	White	<ul style="list-style-type: none"> • Feeds Trac from above with Flex or BX • Accepts standard 1/2" electrical connector
R38BL	Black	
R38SL	Silver	
R38BZ	Bronze	
R38RWH	White	<ul style="list-style-type: none"> • Same as above except designed for use in opposite polarity orientation compared to standard feed connectors • See specification sheets for more details
R38RBL	Black	
R38RSL	Silver	
R38RBZ	Bronze	


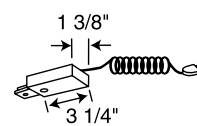


Electrical Feeds (cont)


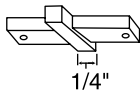

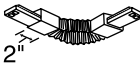

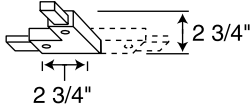

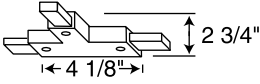

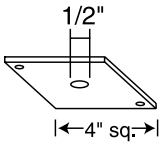

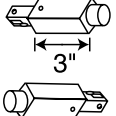
	Catalog #	Finish	Description	Dimensions 
Conduit Feed	R34WH	White	<ul style="list-style-type: none">For surface wiring using standard 1/2" electrical connector	
	R34BL	Black		
	R34SL	Silver		
	R34BZ	Bronze		
	R34RWH	White	<ul style="list-style-type: none">Same as above except designed for use in opposite polarity orientation compared to standard feedsSee specification sheets for more details	
	R34RBL	Black		
	R34RSL	Silver		
	R34RBZ	Bronze		

	Catalog #	Finish	Description	Dimensions 
T-Bar End Feed	R36WH	White	<ul style="list-style-type: none">Wiring compartment contains standard 1/2" K.O.'sFeeds Trac from above when 15/16" T-bar is directly above Trac	
	R36BL	Black		
	R36SL	Silver		
	R36BZ	Bronze		
	R36RWH	White	<ul style="list-style-type: none">Same as above except designed for use in opposite polarity orientation compared to standard feedsSee specification sheets for more details	
	R36RBL	Black		
	R36RSL	Silver		
	R36RBZ	Bronze		

	Catalog #	Finish	Description	Dimensions 
Floating Electrical Feed	R29WH	White	<ul style="list-style-type: none">Permits mounting at any point along Trac at outlet boxIncludes floating connector, outlet box cover, and Trac dead end	
	R29BL	Black		
	R29SL	Silver		
	R29BZ	Bronze		

	Catalog #	Finish	Description	Dimensions 
Cord and Plug Connector	R22WH	White	<ul style="list-style-type: none">15' 2-wire white cordIncludes surface wire retainers and in-line switch7 Amp maximumNot UL Rated	
	R22BL	Black		
	R22SL	Silver		
	R22BZ	Bronze		
	R122WH	White	<ul style="list-style-type: none">Same as above but with three wires and matching color cordsNo switch7 Amp maximumNot UL Rated	
	R122BL	Black		
	R122SL	Silver		
	R122BZ	Bronze		

Connectors

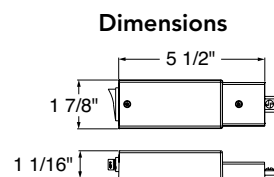
 Miniature Straight Connector	Catalog #	Finish	Description	Dimensions
	R23WH	White	• Joins two Trac sections end to end	
	R23BL	Black		
	R23SL	Silver		
	R23BZ	Bronze		
 Flexible Adjustable Joiner	Catalog #	Finish	Description	Dimensions
	R20WH	White	• Joins two Trac sections	
	R20BL	Black	• Can flex to 90° to the left, right, up or down	
	R20SL	Silver		
	R20BZ	Bronze		
 Adjustable Connector	Catalog #	Finish	Description	Dimensions
	R24WH	White	• Joins two Trac sections to make a 90° angle or straight run	
	R24BL	Black		
	R24SL	Silver	• T27 required for junction box feed	
	R24BZ	Bronze	• Straight and right angle covers supplied	
 T Connector	Catalog #	Finish	Description	Dimensions
	R25WH	White	• Joins three Trac sections	
	R25BL	Black	• T27 required for junction box feed	
	R25SL	Silver		
	R25BZ	Bronze		
	R25RWH	White	• Same as above except designed for use in opposite polarity orientation compared to standard connectors	
	R25RBL	Black		
	R25RSL	Silver		
	R25RBZ	Bronze	• See specification sheets for more details	
 Outlet Box Cover	Catalog #	Finish	Description	Dimensions
	T27WH	White	• Use with R24 and R25 for outlet box electrical feed	
	T27BL	Black	• Includes nipple, locknut, and ground screw	
	T27SL	Silver		
	T27BZ	Bronze		
 Trac Continuation Kit	Catalog #	Finish	Description	Dimensions
	R49WH	White	• Two conduit adapters (one left R34 and one right R34) to continue Trac run around or thru obstructions	
	R49BL	Black		
	R49SL	Silver		
	R49BZ	Bronze	• Use with standard 1/2" electrical connectors	

Current Limiting Feeds



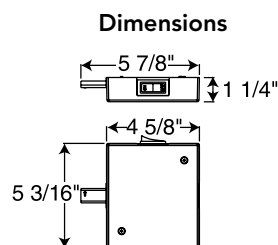
Mini End Feed

Catalog #	Finish	Trac Type	Description
RCLFM11WH	White	1-Circuit	Mini End Feed
RCLFM11BL	Black		
RCLFM11SL	Silver		
RCLFM11BZ	Bronze		
RCLFMR11WH	White	1-Circuit	Same as above except designed for use in opposite polarity orientation compared to standard feeds – see specification sheets for more details
RCLFMR11BL	Black		
RCLFMR11SL	Silver		
RCLFMR11BZ	Bronze		



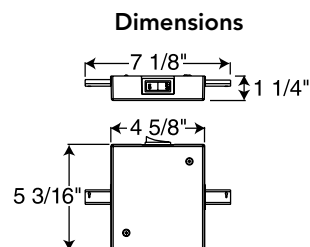
End Feed

Catalog #	Finish	Trac Type	Description
RCLF11WH	White	1-Circuit	End Feed
RCLF11BL	Black		



In-Line Feed

Catalog #	Finish	Trac Type	Description
RCLF21WH	White	1-Circuit	In-Line Feed
RCLF21BL	Black		



Current Limiting Circuit Breakers - Order Separately

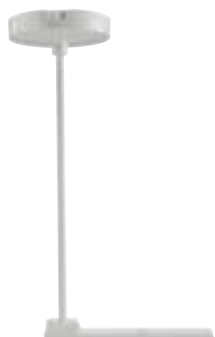
Example: RCLF11BL and TCL5BL



Catalog #	Description	Wattage	Dimensions
TCL0.5	0.5A Current Limiting Circuit Breaker	60W	WH, BL
TCL1	1A Current Limiting Circuit Breaker	120W	WH, BL
TCL2	2A Current Limiting Circuit Breaker	240W	WH, BL
TCL3	3A Current Limiting Circuit Breaker	360W	WH, BL
TCL4	4A Current Limiting Circuit Breaker	480W	WH, BL
TCL5	5A Current Limiting Circuit Breaker	600W	WH, BL
TCL6	6A Current Limiting Circuit Breaker	720W	WH, BL
TCL7	7A Current Limiting Circuit Breaker	840W	WH, BL
TCL8	8A Current Limiting Circuit Breaker	960W	WH, BL
TCL9	9A Current Limiting Circuit Breaker	1080W	WH, BL
TCL10	10A Current Limiting Circuit Breaker	1200W	WH, BL
TCL12	12A Current Limiting Circuit Breaker	1440W	WH, BL
TCL14	14A Current Limiting Circuit Breaker	1680W	WH, BL

Current Limiting Pendant Stem Kits

Current Limiting Pendant Stem Kits combine the functionality of pendant mounting with the ability to feed the trac with current limiting in an attractive, integrated solution.



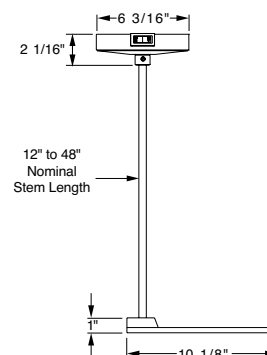
T-Bar Ceiling Mount

Catalog #	Finish
T90CLF-12-BL	Black
T90CLF-12-BZ	Bronze
T90CLF-12-SL	Silver
T90CLF-12-WH	White
T90CLF-18-BL	Black
T90CLF-18-BZ	Bronze
T90CLF-18-SL	Silver
T90CLF-18-WH	White
T90CLF-24-BL	Black
T90CLF-24-BZ	Bronze
T90CLF-24-SL	Silver
T90CLF-24-WH	White
T90CLF-36-BL	Black
T90CLF-36-BZ	Bronze
T90CLF-36-SL	Silver
T90CLF-36-WH	White
T90CLF-48-BL	Black
T90CLF-48-BZ	Bronze
T90CLF-48-SL	Silver
T90CLF-48-WH	White

Description

- Compatible with 15/16" flush T-bar ceilings
- 12", 18", 24", 36", 48" stem lengths
- Includes mounting plate, canopy, stem and wireway cover (order R38 trac feed connector and current limiting circuit breaker separately)
- Pendant Stems should not be used to support Trac-Lites Series Trac when used in conjunction with Trac-master TBX Series Biax trac fixtures

Dimensions



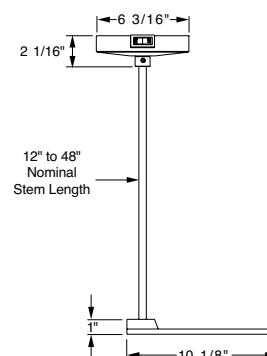
Rigid Ceiling Mount

Catalog #	Finish
T91CLF-12-BL	Black
T91CLF-12-BZ	Bronze
T91CLF-12-SL	Silver
T91CLF-12-WH	White
T91CLF-18-BL	Black
T91CLF-18-BZ	Bronze
T91CLF-18-SL	Silver
T91CLF-18-WH	White
T91CLF-24-BL	Black
T91CLF-24-BZ	Bronze
T91CLF-24-SL	Silver
T91CLF-24-WH	White
T91CLF-36-BL	Black
T91CLF-36-BZ	Bronze
T91CLF-36-SL	Silver
T91CLF-36-WH	White
T91CLF-48-BL	Black
T91CLF-48-BZ	Bronze
T91CLF-48-SL	Silver
T91CLF-48-WH	White

Description


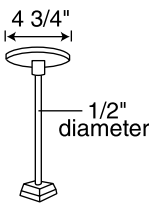
- Compatible with rigid ceilings
- 12", 18", 24", 36", 48" stem lengths
- Includes mounting plate, canopy, stem and wireway cover (order R38 trac feed connector and current limiting circuit breaker separately)
- Pendant Stems should not be used to support Trac-Lites Series Trac when used in conjunction with Trac-master TBX Series Biax trac fixtures

Dimensions

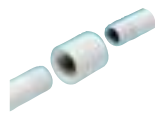





Mounting Accessories

Pendant Stem kits enable the trac to be mounted at ideal heights, without having to lower the entire ceiling plane. Stems can be specified in a variety of different lengths and can be mounted for higher ceiling applications.


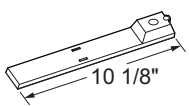


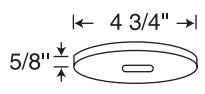

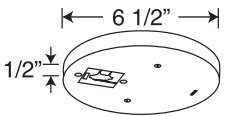


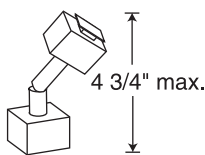
	Catalog #	Finish	Description	Dimensions
	T90-12-WH	White	<ul style="list-style-type: none"> Compatible with 15/16" flush T-bar ceilings 12", 18", 24", 36", 48" stem lengths Use two for 2', 4', or 6' Trac, or three for 8' Trac For electrical feed, order Wireway Cover T93 Pendant Stems should not be used to support Trac-Lites Series Trac when used in conjunction with Trac-Master TBX Series Biax trac fixtures 	
	T90-12-BL	Black		
	T90-12-SL	Silver		
	T90-12-BZ	Bronze		
	T90-18-WH	White		
	T90-18-BL	Black		
	T90-18-SL	Silver		
	T90-18-BZ	Bronze		
	T90-24-WH	White		
	T90-24-BL	Black		
	T90-24-SL	Silver		
	T90-24-BZ	Bronze		
	T90-36-WH	White		
	T90-36-BL	Black		
	T90-36-SL	Silver		
	T90-36-BZ	Bronze		
	T90-48-WH	White		
	T90-48-BL	Black		
	T90-48-SL	Silver		
	T90-48-BZ	Bronze		

	Catalog #	Finish	Description	Dimensions
	T91-12-WH	White	<ul style="list-style-type: none"> Compatible with rigid ceilings 12", 18", 24", 26", 48" stem lengths Use two for 2', 4', or 6' Trac, or three for 8' Trac For electrical feed, order Wireway Cover T93 Pendant Stems should not be used to support Trac-Lites Series Trac when used in conjunction with Trac-Master TBX Series Biax trac fixtures 	
	T91-12-BL	Black		
	T91-12-SL	Silver		
	T91-12-BZ	Bronze		
	T91-18-WH	White		
	T91-18-BL	Black		
	T91-18-SL	Silver		
	T91-18-BZ	Bronze		
	T91-24-WH	White		
	T91-24-BL	Black		
	T91-24-SL	Silver		
	T91-24-BZ	Bronze		
	T91-36-WH	White		
	T91-36-BL	Black		
	T91-36-SL	Silver		
	T91-36-BZ	Bronze		
	T91-48-WH	White		
	T91-48-BL	Black		
	T91-48-SL	Silver		
	T91-48-BZ	Bronze		


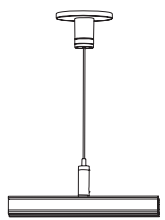


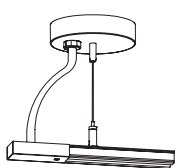

	Catalog #	Finish	Description	
	T96WH	White	Enables multiple pendant stems to be joined for higher ceiling applications	
	T96BL	Black		
	T96SL	Silver		
	T96BZ	Bronze		

	Catalog #	Finish	Description	
	T94WH	White	<ul style="list-style-type: none"> Permits pendant Trac stem to be hung vertically from sloped ceiling Use pendant kits (T90, T91) Will allow feeding of electrical wires to Trac at up to a 60° angle 	
	T94BL	Black		
	T94SL	Silver		
	T94BZ	Bronze		

Mounting Accessories (cont)

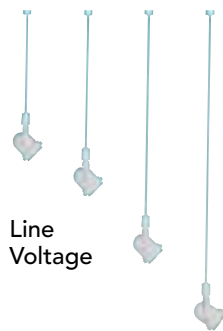
 Feed Wireway Cover	Catalog #	Finish	Description	Dimensions
	T93WH	White	• Use one for each T90 or T91 when using stem for feeding Trac	 10 1/8"
	T93BL	Black	• Feed at R38 or R24	
	T93SL	Silver	• Conceals electrical feed wires from stem to Trac	
	T93BZ	Bronze		
 T-Bar Attachment Clip	Catalog #		Description	
	R37F		• To attach Trac to inverted tee ceiling	
	R37D		• Use two for 2' or 4' Trac or three for 6' or 8' Trac	
	R37-9-16		• R37F T-Bar Clip is compatible with flush tile 15/16" inverted T-bar ceiling • R37D T-Bar Clip is compatible with drop tile 15/16" inverted T-bar ceiling • R37-9-16 T-Bar Clip is compatible with drop tile or flush tile 9/16" inverted T-Bar ceiling	
 Monopoint - Line Voltage	Catalog #	Finish	Description	Dimensions
	R40WH	White	• Accepts Juno 120V Trac fixtures	 4 3/4" → 5/8" ↓
	R40BL	Black	• Mounts directly to outlet box	
	R40SL	Silver	• 4 3/4" dia. and 5/8" high	
	R40BZ	Bronze		
 Monopoint - Low Voltage	Catalog #	Finish	Description	Dimensions
	R58WH	White	• Accepts Juno 12V Trac-Lites™ low voltage	 6 1/2" → 1/2" ↓
	R58BL	Black	• trac fixtures and decorative pendants	
	R58SL	Silver	• Mounts directly to outlet box	
	R58BZ	Bronze	• 6 1/2" dia. and 1/2" high	
 Solid Rod Pendant Mounting Kit	Catalog #	Finish	Description	
	T56WH	White	• For 5/16" Rod	
	T56BL	Black	• Attaches solid 5/16" threaded rod to Trac	
	T56SL	Silver	• Includes plastic cap, mounting bracket, and hardware	
	T56BZ	Bronze	• Rod not supplied	
 Slope Ceiling Fixture Adapter	Catalog #	Finish	Description	Dimensions
	T95WH	White	• Attaches to trac, permitting Juno Trac-Master and	 4 3/4" max.
	T95BL	Black	Trac-Lites fixtures to be hung vertically from	
	T95SL	Silver	sloped ceiling	
	T95BZ	Bronze	• 90° maximum adjustment	

Cable Suspension Kit

 T-Bar/Rigid Ceiling Cable Suspension Kit	Catalog #	Finish	Description	
	T595-48-WH	White	• Mechanical-only cable suspension kit for one-circuit or two-circuit trac	
	T595-48-BL	Black	• Adjustable 48" or 144" cable	
	T595-144-WH	White	• For use on 15/16" T-bar ceiling	
	T595-144-BL	Black		
 T-Bar/Rigid Ceiling Cable Suspension Kit	T597-48-WH	White	• Mechanical-only cable suspension kit for one-circuit or two-circuit trac	
	T597-48-BL	Black	• Adjustable 48" or 144" cable	
	T597-144-WH	White	• For use on rigid ceiling	
	T597-144-BL	Black		
 T-Bar/Rigid Ceiling Cable Suspension/Feed Kit	Catalog #	Finish	Description	
	T596-48-WH	White	• Cable suspension kit with 48" or 144" electrical feed for one-circuit trac	
	T596-48-BL	Black	• For use on 15/16" T-bar ceiling	
	T596-144-WH	White		
	T596-144-BL	Black		
 T-Bar/Rigid Ceiling Cable Suspension/Feed Kit	T598-48-WH	White	• Cable suspension kit with 48" or 144" electrical feed for one-circuit trac	
	T598-48-BL	Black	• For use on rigid ceiling	
	T598-144-WH	White		
	T598-144-BL	Black		

Line Voltage Extension Wands

Extension wands suspend fixtures precisely where they are needed without lowering the trac section. On/Off switch is standard. Line voltage extension wands suspend all Juno line voltage trac fixtures from all 120V Juno Trac. Two extension wand types are available: one designed for use with the standard square Super Adapter found on most Trac-Master and Trac-Lites fixtures and one designed for use with the wide adapter found on Juno MH_v CMH trac fixtures, TBX18 & TBX39 Wall Wash trac fixtures and various other trac fixtures. Always confirm the fixture adapter type before specifying an extension wand to ensure compatibility. May also be used with Monopoints designed to accept Juno 120V trac fixtures. Constructed of 1/2" rigid tubular steel and Lexan® plastic.


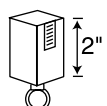

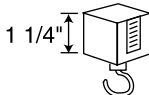

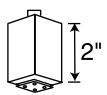


Line Voltage

Line Voltage Extension Wands		Finish	Overall Length
Super Adapter Catalog #	Wide Adapter Catalog #		
TW12WH	TW12WA-WH	White	13 1/2"
TW12BL	TW12WA-BL	Black	
TW12SL	TW12WA-SL	Silver	
TW18WH	TW18WA-WH	White	19 1/2"
TW18BL	TW18WA-BL	Black	
TW18SL	TW18WA-SL	Silver	
TW24WH	TW24WA-WH	White	25 1/2"
TW24BL	TW24WA-BL	Black	
TW24SL	TW24WA-SL	Silver	
TW36WH	TW36WA-WH	White	37 1/2"
TW36BL	TW36WA-BL	Black	
TW36SL	TW36WA-SL	Silver	
TW48WH	TW48WA-WH	White	49 1/2"
TW48BL	TW48WA-BL	Black	
TW48SL	TW48WA-SL	Silver	
TWS24WH*	TWS24WA-WH*	White	28 1/2"
TWS24BL*	TWS24WA-BL*	Black	
TWS24SL*	TWS24WA-SL*	Silver	

* Wand with slope adapter on top. For Biax Series, consult factory.

Special Mounting Accessories

 Pendant Adapter	Catalog #	Finish	Description	Dimensions
	T31WH	White	<ul style="list-style-type: none"> Adapts swag or chain-hung fixture to trac Includes strain relief for 3-wire cord (replaces chain loop) Supports up to 25 lbs Not UL Listed 2.5A max 	
	T31BL	Black		
	T31SL	Silver		
 Planter or Utility Hook	Catalog #	Finish	Description	Dimensions
	T32WH	White	<ul style="list-style-type: none"> Supports up to 25 lbs Not UL Listed 	
	T32BL	Black		
	T32SL	Silver		
 Outlet Adapter	Catalog #	Finish	Description	Dimensions
	T33WH	White	<ul style="list-style-type: none"> Provides electrical receptacle Not UL Listed 7A max 	
	T33BL	Black		
	T33SL	Silver		

Trac Kits

Packed to go. The most popular models supplied in simple-to-install pre-packaged kits. Lamps must be purchased separately unless specifically shown as included.

Line Voltage Conical LED Trac Kits



Description

- Kit includes three (3) universal beam R600L 10W LED trac fixtures, one 4' Trac-Lites trac section, one floating electrical feed and mounting hardware.
- Kits are available in all R600L CCTs, CRIs and finishes to suit any retail, commercial or residential application.

Ordering Information

Examples: **R4K3600L27HCUBZ**, **R4K3600L4KUWH**

Series	Color Temperature	Color Rendering Index	Beam Spread	Finish
R4K3600L	27	HC	U	BZ
R4K3600L 4 Foot Trac Kit with Three R600L 10W LED Trac Fixtures	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	K - 80 CRI Minimum HC - 90 CRI Minimum	U - Universal Includes Narrow Flood & Flood Lenses	BL - Black BZ - Bronze SL - Silver WH - White

Line Voltage Step Cylinder Trac Kits



Catalog #
R4K3551WH

Finish
White

Description

- 50W max. PAR20 lamps
- One 4' section of trac, floating feed, mounting hardware and three white flared step cylinder fixtures (R551WH)



R4K3512W-WH

White

- 75W max. BR30/PAR30L lamps
- One 4' section of trac, floating feed and three white step cylinder fixtures with white baffles (R512W-WH)

Step Cylinder Light Bar Kit

Step Cylinder Light Bar Kit features a 23-inch fixed-position mounting bar with 3 aimable spotlights based on the R511W-WH track fixture. Fixtures are permanently mounted on 9" centers. Lamps must be purchased separately.









Catalog #
R3F511W-WH

Finish
White/White Baffle

Description

- 50W max. R20/PAR20 lamp
- 23" fixed position mounting bar with three step cylinders

Light Control Accessories

Accessory Holders		1 3/4" DIA.	COMPATIBLE WITH	2" DIA.	COMPATIBLE WITH	
	Required for listed fixtures. Accepts one filter, lens, and louver except where noted.			T7400BL T7400SA Accepts up to 2 accessories	R704, R707, R709	
Light Control Lenses						
	These alter the light distribution of a given lamp, enlarging or elongating it, softening the beam edge or removing striations.	Uniformity Lens (Solite™)	T5521	R702	T7421	R703, R708, R731, R741, and fixtures with T7400 Accessory Holder
		Diffusion Lens	T5520		T7420	
		Prismatic Spread Lens	T557		T7477	
		Linear Spread Lens	T559		T7478	
UV Filters						
	These museum quality lenses filter out ultraviolet radiation below 400 nanometers to protect fade sensitive art and objects.		T5522		T7422	R701, R703, R708, R731, R740, R741, and fixtures with T7400 Accessory Holder
Dichroic Color Correction Filters						
	Color Correction Filters correct the light, either to warm it up to approximate incandescent, or cool it down to approximate daylight.	Halogen-to-Incandescent, 2700K	T5518		T7418	
		Halogen-to-Daylight, 4250K	T5516		T7416	
Color Filters		Dichroic Glass Filters				
	Color Filters change white light into colored light and are available in colored glass and more efficient/saturated dichroic filters.	Red	T5501		T7401	
		Medium Green	T5503		T7403	
		Medium Blue	T5504		T7404	
		Yellow	T5505		T7405	
		Magenta	T5506		T7406	
		Blue-Green (Cyan)	T5511		T7411	
		Colored Glass Filters				
		Medium Pink	T551		T741	
		Warm Red	T552		T742	
		Daylight Blue	T553N		T743	
		Medium Blue	T554N		T744	
		Medium Amber	T555		T745	
		Medium Green	T556		T746	
		Louvers				
	Hexcell louvers reduce perceived fixture brightness.	Hexcell Louvers	T5559BL		T7459BL	

Juno® MonoLine® Trac System

The Juno MonoLine family of line voltage trac products offers unprecedented levels of beauty, creativity, and functionality. Its graceful hand-bendable trac, stunning fixtures, and variety of light sources combine to serve a wide range of illumination needs with an elevated sense of style. Accent, wall wash, or task lighting ... retail, commercial, or residential ... no other trac system can match MonoLine for flexibility and artistic flair.



MonoLine Commercial Directionals

The Commercial Directional fixtures for MonoLine are a collection of beautifully crafted yet exceptionally rugged trac heads that are available with LED, ceramic metal halide (CMH), fluorescent or halogen light sources. They feature all-metal construction and durable satin-nickel finish.

MonoLine Designer Directionals

MonoLine Designer Directional fixtures have always been acclaimed for their contemporary good looks. Now, the existing fixture line has been joined by fashionable LED that add even more style and efficiency to the mix. Designer Directionals are beautifully finished in satin nickel or vintage bronze.

MonoLine Flexible Trac System

The graceful MonoLine trac system can be hand-bent to take on any desired shape or lighting design, providing the ultimate in mounting versatility. It features top and bottom conductors to produce a profile that is ultra sleek, ultra smooth. A comprehensive package of components and options includes power feeds, supports, joiners and a convenient bending tool for large installations or repetitive forms. The superb finishes include satin nickel or vintage bronze.

MonoLine Kits

MonoLine trac system kits contain everything you need for a complete line voltage installation. Starter kits can be coordinated with any of the MonoLine fixtures ... simply select a fixture style; then choose your starter kit by trac length and finish. Whether you go with a starter kit or a complete kit that includes fixtures, just open the box and you are ready to install.

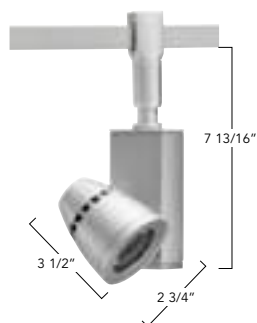


MonoLine® | LED Directionals

Conix II®

Conix® Directional LED

SP261MLLG2 16W LED Conix® II



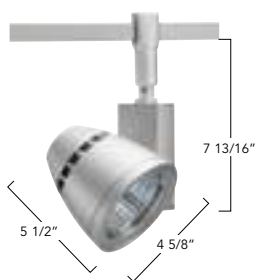
The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. The 16W Conix II LED fixtures have interchangeable TIR optics which enable uniform spot, narrow flood, flood or wide flood distributions to be achieved. These lampholders have an integral, bayonet-mounted accessory holder that accommodates one accessory if desired. The 16W Conix II LED can deliver up to 1079 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light 16W Conix II LED may be specified in standard or high CRI versions. Standard fixture is dimming-compatible.



Make product selections and build your model number

Model	Color Temperature	Color Rendering Index	Distribution	Finish	Example
SP261MLLG2	27	HC	S	STN	SP261MLLG227HCSSTN
	27 2700K	Blank 85 CRI Typical	S Spot	STN Satin Nickel	
	3 3000K	HC 93 CRI Typical (3000K only)	N Narrow Flood		
	35 3500K		F Flood		
	4 4000K		W Wide Flood		

SP262MLL 24W LED Conix® II



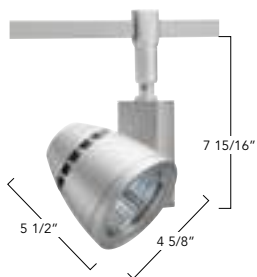
The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. The 24W Conix II LED fixtures have integral reflectors which enable uniform spot, flood or narrow flood distributions to be achieved. These lampholders have an integral, bayonet-mounted accessory holder that accommodates up to two accessories if desired in place of the clear glass lens provided. The 24W Conix II LED can deliver up to 1563 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light 24W Conix II LED may be specified in standard or high CRI versions.



Make product selections and build your model number

Model	Color Temperature	Dimming Compatibility	Color Rendering Index	Distribution	Finish	Example
SP262MLL	27	D	HC	S	STN	SP262MLL27DHCSSTN
	27 2700K	D Dimmable	Blank 80 CRI Minimum	S Spot	STN Satin Nickel	
	3 3000K	K Not Dimmable	HC 90 CRI Minimum	N Narrow Flood		
	35 3500K			F Flood		
	4 4000K					

SP263MLLG2 27W LED Conix® II



The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. The 27W Conix II LED fixtures have integral reflectors which enable uniform spot, flood or narrow flood distributions to be achieved. These lampholders have an integral, bayonet-mounted accessory holder that accommodates up to two accessories if desired in place of the clear glass lens provided. The 27W Conix II LED can deliver up to 2001 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light 27W Conix II LED may be specified in standard or high CRI versions. Standard fixture is dimming-compatible.



Make product selections and build your model number

Series	Color Temperature	Color Rendering Index	Distribution	Finish	Example
SP263MLLG2	27	HC	S	STN	SP263MLLG227HCSSTN
	27 2700K	Blank 80 CRI Minimum	S Spot	STN Satin Nickel	
	3 3000K	HC 90 CRI Minimum	N Narrow Flood		
	35 3500K		F Flood		
	4 4000K				

Accessories

For Fixtures:	SP261MLLG2	SP262MLL, SP263MLLG2
Color Filters	T741-6	T561-6
Dichroic Filters	T7401-18	T5601-18
Diffusion Lens	T7420	T5620
Uniformity Lens	T7421	T5621
UV Filter	T7422	T5622
Prismatic Spread Lens	T7477	T5677
Linear Spread Lens	T7478	T5678
Hexcell Louver	T7459BL	-
Cube Cell Louver	-	T569BL
TIR Optic - Spot	TIR-1-SP	-
TIR Optic - Narrow Flood	TIR-1-NFL	-
TIR Optic - Flood	TIR-1-FL	-
TIR Optic - Wide Flood	TIR-1-WFL	-
Reflector - Spot	-	TR3-CL-SP
Reflector - Narrow Flood	-	TR3-CL-NFL
Reflector - Flood	-	TR3-CL-FL

Note: Wide flood versions do not accept accessories.





MonoLine® | LED Directionals

Cylindra™ & Wall Wash/Flood LED

Cylindra™ Directional LED

TQJ252L 13W LED Cylindra™



The compact Cylindra LED is an aesthetic masterpiece that offers unsurpassed performance and operating efficiencies. TQJ252L is a 13-watt fixture that provides brilliant illumination while reducing energy consumption by about 80%. It is designed to operate with the MonoLine MLTQJL75 LED-Compatible Quick Jack Transformer Adapter (sold separately). It is offered in three beam spreads and four color temperatures, including high CRI versions. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to accommodate one light control accessory.

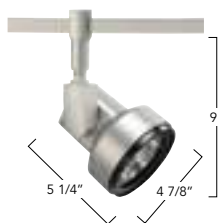
Make product selections and build your model number

Model	Color Temperature	Color Rendering Index	Distribution	Finish	Example
TQJ252L	- 27	K	- S	- STN	TQJ252L-27K-S-STN
	27 2700K	K 80 CRI Minimum	S Spot	STN Satin Nickel	
	3 3000K	HC ¹ 90 CRI Minimum	N Narrow Flood		
	35 3500K		F Flood		
	4 4000K				

¹ HC option available in 2700K & 3000K only

¹ HC option available in 2700K & 3000K only

SP254MLL 18W/19W LED Cylindra™



The compact Cylindra LED is an aesthetic masterpiece that offers unsurpassed performance and operating efficiencies. This 18W/19W-watt fixture provides brilliant illumination while reducing energy consumption by nearly 75% versus halogen equivalents. The LED driver is cleverly concealed within the housing to minimize the fixture profile. The Cylindra LED is offered in three beam spreads and four color temperatures, including high CRI and Enhanced Spectrum versions. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to accommodate up to two light control accessories.



Make product selections and build your model number

Model	Color Temperature	Color Rendering Index	Distribution	Finish	Example
SP254MLL	- 2	K	- S	- STN	SP254MLL-2K-S-STN
	2 2700K	K 80 CRI Minimal	S Spot	STN Satin Nickel	
	3 3000K	HC 90 CRI Minimal	N Narrow Flood		
	35 3500K	E ¹ Enhanced Spectrum	F Flood		
	4 4000K				

¹ Enhanced Spectrum available in 2700K, 3000K and 3500K only

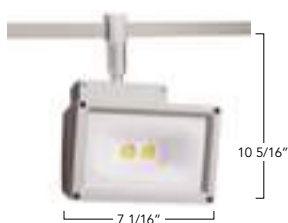
¹ Enhanced Spectrum available in 2700K, 3000K and 3500K only

Accessories

For Fixtures:	TQJ252L	SP254MLL	TQJ252L	SP254MLL
Color Filters	T741-6	T561-6	TIR Optic - Spot	TIR-2-SP
Dichroic Filters	T7401-18	T5601-18	TIR Optic - Narrow Flood	TIR-2-NFL
Diffusion Lens	T7420	T5620	TIR Optic - Flood	TIR-2-FL
Uniformity Lens	T7421	T5621	Reflector - Spot	TR2-CL-SP
UV Filter	T7422	T5622	Reflector - Narrow Flood	TR2-CL-NFL
Prismatic Spread Lens	T7477	T5677	Reflector - Flood	TR2-CL-FL
Linear Spread Lens	T7478	T5678		
Hexcell Louver	T7459BL	-		
Cube Cell Louver	-	T569BL		

Wall Wash/Flood LED

SP258MLL/SP259MLL Wall Wash/Flood



The SP258MLL & SP259MLL LED wall wash/flood trac fixtures deliver a powerful and uniform punch of light, utilizing less energy than a similar CMH fixture and offering up to 4 times the rated life. They are capable of delivering up to 4691 powerful lumens, yielding an efficacy of up to 88 lumens per watt. Employing a custom hyperbolic reflector, they provide a smooth, wide beam of light. Their unique, narrow profile enables them to fit nicely with accent spotlights on the trac. Their optimized thermal management design yields a maintenance-free 50,000 hours service life at 70% lumen maintenance. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light SP258MLL & SP259MLL LED wall wash/flood trac fixtures are compatible with Juno MonoLine trac.



Make product selections and build your model number

Model		Color Temperature	Color Rendering Index		Finish	Example
SP258MLL		27K	HC		STN	SP258MLL27KHCSTN
SP258MLL	30W	27K	2700K	Blank	80 CRI Minimum	STN Satin Nickel
SP259MLL	57W	3K	3000K	HC	90 CRI Minimum	
		35K	3500K			
		4K	4000K			

Accessories

For Fixtures:	SP258MLL, SP259MLL
Eye brow	TA-WWEYEBROW*
Cross Blade Louver	TA-WWLLOUVER*
Snoot	TA-WWSNOOT*

* Add finish code suffix to complete catalog number (Example: TA-WWSNOOT-BL).



MonoLine® | LED Directionals

26W/34W Flat Back Cylinder LED

Flat Back Cylinder

SP283MLL
26W LED



With its integral driver, the cylindrical aesthetic of the SP283MLL Series offers the simplest of form factors. It is designed with a unique, patent pending, precision optical system which produces uniform spot, flood or narrow flood distributions. The 26W SP283MLL Series can deliver up to 2664 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. It is available in four color temperatures, including 80 or 90 CRI versions. Optional color/white enhancing versions offer CRI and Color Quality Scale (CQS) scores of 90+, rendering colors richly and making whites appear naturally brilliant. These fixtures also have an integral, bayonet-mounted optical system that enables quick conversion between beam spreads.



Make product selections and build your model number

Model	Color Temperature	Color Rendering Index	Distribution	Finish	Example
SP283MLL	27	HC	F	STN	SP283MLL27HCFSTN
	27 2700K	K 80 CRI Minimum	S Spot	STN Satin Nickel	
	3 3000K	HC 90 CRI Minimum	N Narrow Flood		
	35 3500K	V Color/White	F Flood		
	4 4000K	Enhancing (3000K & 3500K only)			

SP285MLL
34W LED



With its integral driver, the cylindrical aesthetic of the SP285MLL Series offers the simplest of form factors. It is designed with a unique, patent pending, precision optical system which produces uniform spot, flood or narrow flood distributions. The 34W SP285MLL Series can deliver up to 3126 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. It is available in four color temperatures, including 80 or 90 CRI versions. Optional color/white enhancing versions offer CRI and Color Quality Scale (CQS) scores of 90+, rendering colors richly and making whites appear naturally brilliant. These fixtures also have an integral, bayonet-mounted optical system that enables quick conversion between beam spreads.



Make product selections and build your model number

Model	Color Temperature	Color Rendering Index	Distribution	Finish	Example
SP285MLL	27	HC	F	STN	SP285MLL27HCFSTN
	27 2700K	K 80 CRI Minimum	S Spot	STN Satin Nickel	
	3 3000K	HC 90 CRI Minimum	N Narrow Flood		
	35 3500K	V Color/White	F Flood		
	4 4000K	Enhancing (3000K & 3500K only)			



MonoLine® | LED Directionals

Monoline® Arc™

Monoline® Arc™

SP271MLL Arc™ 13W LED



The ultra-efficient optical system of the Arc LED trac fixture maximizes efficiency while minimizing fixture depth, yielding a unique and attractive aesthetic. It approximates the light output and distribution of 60-75W PAR30 halogen lamps, utilizing about 20% of the energy and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a typical 85 CRI. Optional high CRI versions are available in 2700K or 3000K with a typical 92 CRI. There are also Enhanced Spectrum versions to bring out color depth in retail goods, artwork, etc. The Arc LED is available with or without louver to optimize visual cutoff; there is also a louver accessory that can be added at a later time if desired.



Make product selections and build your model number

Model	Color Temperature	Color Rendering Index	Distribution	Lensholder	Finish	Example
SP271MLL	27	HC	S		STN	SP271MLL27HCSSTN
	27 2700K	K 85 CRI Typical	S Spot	Blank No Louver	STN Satin Nickel	
	3 3000K	HC 92 CRI Typical	N Narrow Flood	HL Hexcell Louver		
	35 3500K	2700K & 3000K only	F Flood			
	4 4000K	ES Enhanced Spectrum 2700K, 3000K and 3500K only				

SP272MLL Arc™ L 15W LED



The ultra-efficient optical system of the Arc L LED trac fixture maximizes efficiency while minimizing fixture depth, yielding a unique and attractive aesthetic. It approximates the light output and distribution of 75W PAR30 halogen lamps, utilizing about 20% of the energy and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a typical 85 CRI. Optional high CRI versions are available with a typical 92 CRI. The Arc L LED is available with or without louver to optimize visual cutoff; there is also a louver accessory that can be added at a later time if desired.



Make product selections and build your model number

Model	Color Temperature	Color Rendering Index	Distribution	Lensholder	Finish	Example
SP272MLL	27	K	N		STN	SP272MLL27KNSTN
	27 2700K	K 80 CRI Minimum	S Spot	Blank No Louver	STN Satin Nickel	
	3 3000K	HC 90 CRI Minimum	N Narrow Flood	HL Hexcell Louver		
	35 3500K		F Flood			
	4 4000K					

SP275MLL Arc™ XL 26W LED



The ultra-efficient optical system of the Arc XL LED trac fixture maximizes efficiency while minimizing fixture depth, yielding a unique and attractive aesthetic. It exceeds the light output of 39W CMH lamps, utilizing less energy than similar CMH fixtures and offering up to 4 times the rated life. It is capable of delivering up to 2281 powerful lumens, yielding an efficacy of up to 87 lumens per watt. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a minimum 80 CRI. Optional high CRI versions are available with a minimum 90 CRI. The Arc XL LED is available with or without louver to optimize visual cutoff; there is also a louver accessory that can be added at a later time if desired.



Make product selections and build your model number

Model	Color Temperature	Color Rendering Index	Distribution	Lensholder	Finish	Example
SP275MLL	3	K	S		STN	SP275MLL3KSSTN
	27 2700K	K 80 CRI Minimum	S Spot	Blank No Louver	STN Satin Nickel	
	3 3000K	HC 90 CRI Minimum	N Narrow Flood	HL Hexcell Louver		
	35 3500K		F Flood			
	4 4000K					

Accessories

For Fixtures:	SP271MLL	SP272MLL	SP275MLL
Hexcell Louver Assembly	THCL1*	THCL1*	THCL2*
Polycarbonate Lens - Spot	TLENS-1-SP	TLENS-3-SP	TLENS-2-SP
Polycarbonate Lens - Narrow Flood	TLENS-1-NFL	TLENS-3-NFL	TLENS-2-NFL
Polycarbonate Lens - Flood	TLENS-1-FL	TLENS-3-FL	TLENS-2-FL

* Add finish code suffix to complete catalog number (Example: THCL1BL).

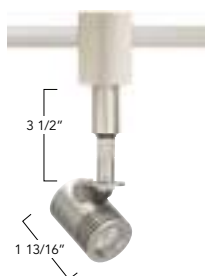


MonoLine® | LED Directionals

Quick Jack LED Spotlights

LED Directional Fixtures

TQJ114G2 Quick Jack LED Mini-Cylinder



The 6-watt Juno Quick Jack LED Mini-Cylinder Spotlight approximates the light output and distribution of 20W MR11 halogen lamps, utilizing less than 1/3 of the energy and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light TQJ114G2 Series utilizes Juno's proprietary Quick Jack system. To operate on MonoLine line voltage trac, each fixture must be combined with a MLTQJL LED-Compatible Quick Jack Transformer Adapter (sold separately - see page 1169).

Make product selections and build your model number

Model		Color Temperature		Distribution		Finish		Options		Example
TQJ114G2	-	2		S	-	STN	-			TQJ114G2-2S-STN
		2 2700K		S Spot		STN Satin Nickel		Blank No Snoot		
		3 3000K		N Narrow Flood				S With Snoot		
		35 3500K		F Flood						
		4 4000K								

SP992G2 Reno Quick Jack LED Spotlight

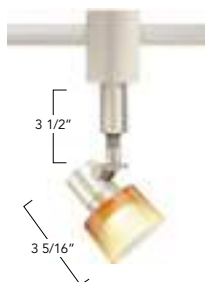


The 6-watt Juno Quick Jack LED SP992G2 Directional approximates the light output of 20W MR11 halogen lamps, utilizing less than 1/3 the energy with a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light SP992G2 utilizes Juno's proprietary Quick Jack system. To operate on MonoLine line voltage trac, each fixture must be combined with a MLTQJL LED-Compatible Quick Jack Transformer Adapter (sold separately - see page 1169).

Make product selections and build your model number

Model		Color Temperature		Distribution		Hardware Finish		Shade Finish		Example
SP992G2	-	2		S	-	STN	-	BLU		SP992G2-2S-STN-BLU
		2 2700K		S Spot		STN Satin Nickel		BLK Black		
		3 3000K		N Narrow Flood				BLU Blue		
		35 3500K		F Flood				CHR Chrome		
		4 4000K						RED Red		
								YEL Yellow		

SP995G2 Vegas Quick Jack LED Spotlight



The 6-watt Juno Quick Jack LED SP995G2 Directional approximates the light output of 20W MR11 halogen lamps, utilizing less than 1/3 the energy with a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light SP995G2 utilizes Juno's proprietary Quick Jack system. To operate on MonoLine line voltage trac, each fixture must be combined with a MLTQJL LED-Compatible Quick Jack Transformer Adapter (sold separately - see page 1169).

Make product selections and build your model number

Model		Color Temperature		Distribution		Hardware Finish		Shade Finish		Example
SP995G2	-	4		S	-	STN	-	AMB		SP995G2-4S-STN-AMB
		2 2700K		S Spot		STN Satin Nickel		AMB Amber		
		3 3000K		N Narrow Flood				BLU Blue		
		35 3500K		F Flood				CLR Clear		
		4 4000K						FRT Frost		
								STN Satin Nickel		

PAR CMH Directional Fixtures

SP207MLXP PAR20 Conix®



The sculpted Conix PAR20 CMH fixture features deep lamp regression for reduced glare and optimum visual cut-off. An integral snap-in anti-glare shield/accessory holder accepts up to two light control accessories. Fixture rotation in two axes enables the fixture to be aimed in any direction.

Make product selections and build your model number

Model		Wattage		Finish	Example
SP207MLXP	-	20	-	STN	SP207MLXP-20-STN
		20 20W		STN Satin Nickel	
		39 39W			

Accessories

For Fixture:	SP207MLXP
Color Filters	T591-6
Dichroic Filters	T5901-19
Diffusion Lens	T5920
Uniformity Lens	T5921
UV Filter	T5922
Prismatic Spread Lens	T597
Linear Spread Lens	T598
Hexcell Louver	T5928BL

PAR Halogen Directional Fixtures

SP403MLP PAR30 Pro-Gimbal



The Pro-Gimbal uses 35-75W PAR30 line voltage halogen lamps, relamps from the front and features deep lamp shielding with a baffled aperture. This versatile design can be easily accessorized with up to two light control accessories using an optional media cartridge (TM530BL). The MonoLine adapter design enables 360 degree plus rotation, eliminating aiming dead zones. Rotation and aiming can be locked into position using a standard Phillips screwdriver.

Make product selections and build your model number

Model		Finish	Example
SP403MLP	-	STN	SP403MLP-STN
STN Satin Nickel			

SP407MLP PAR20 Conix®

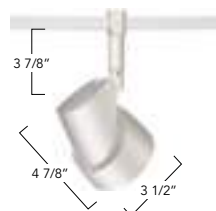


The sculpted Conix fixture uses 35-50W PAR20 line voltage halogen lamps and includes an integral snap-in anti-glare shield/accessory holder that accepts up to two light control accessories. The MonoLine adapter design enables 360 degree plus rotation, eliminating aiming dead zones. Rotation and aiming can be locked into position using a standard Phillips screwdriver.

Make product selections and build your model number

Model		Finish	Example
SP407MLP	-	STN	SP407MLP-STN
STN Satin Nickel			

SP852MLP PAR20 Facet®

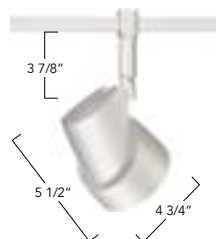


Sweeping lines, arresting angles, and a brilliant lack of symmetry result in a totally unexpected design. Facet's socket housing morphs into a stem that is uniquely horizontal in nature. Concealed wiring completes the ultra-clean appearance. The MonoLine adapter design enables 360 degree plus rotation, eliminating aiming dead zones. The SP852MLP is designed for use with 35-50W PAR20 line voltage halogen lamps and features high-quality, die cast aluminum construction in attractive satin nickel finish.

Make product selections and build your model number

Model		Finish	Example
SP852MLP	-	STN	SP852MLP-STN
STN Satin Nickel			

SP853MLP PAR30 Facet®



Sweeping lines, arresting angles, and a brilliant lack of symmetry result in a totally unexpected design. Facet's socket housing morphs into a stem that is uniquely horizontal in nature. Concealed wiring completes the ultra-clean appearance. The MonoLine adapter design enables 360 degree plus rotation, eliminating aiming dead zones. The SP853MLP is designed for use with 35-75W PAR30 line voltage halogen lamps and features high-quality, die cast aluminum construction in attractive satin nickel finish. An optional bayonet-mount media cartridge is available (T853MC) that simultaneously accepts up to two light control accessories for optimum beam control.

Make product selections and build your model number

Model		Finish	Example
SP853MLP	-	STN	SP853MLP-STN
STN Satin Nickel			

Accessories

For Fixtures:	SP403MLP	SP407MLP	SP853MLP
Dual Accessory Holder	TM530BL	-	T853MC-BL
Color Filters	T561-6*	T591-6	T561-6*
Dichroic Filters	T5601-18*	T5901-18	T5601-18*
Diffusion Lens	T5620*	T5920	T5620*
Uniformity Lens	T5621*	T5921	T5621*
UV Filter	T5622*	T5922	T5622*
Prismatic Spread Lens	T5677*	T597	T5677*
Linear Spread Lens	T5678*	T598	T5678*
Hexcell Louver	-	T5928BL	-
Cube Cell Louver	T569BL*	-	T569BL*
Black Eyebrow	T577BL*	-	-

* Filters, lenses, louver and eyebrow require accessory holder for installation.

PAR Halogen Directional Fixtures

SP892MLP PAR20 Cubix®



The Cubix is a study of the visual relationship between two different geometric forms: the ring and the cube. In this design, the stem becomes a central element, forming a pleasing visual extension of the cube form. The playful personality of the Cubix is sure to add fun to any environment. Concealed wiring completes the ultra-clean appearance. The MonoLine adapter design enables 360 degree plus rotation, eliminating aiming dead zones. The SP892MLP is designed for use with 35-50W PAR20 line voltage halogen lamps and features high-quality, die cast aluminum construction in attractive satin nickel finish.

Make product selections and build your model number

Model	Finish	Example
SP892MLP	- STN	SP892MLP-STN
STN Satin Nickel		

SP893MLP PAR30 Cubix®



The Cubix is a study of the visual relationship between two different geometric forms: the ring and the cube. In this design, the stem becomes a central element, forming a pleasing visual extension of the cube form. The playful personality of the Cubix is sure to add fun to any environment. Concealed wiring completes the ultra-clean appearance. The MonoLine adapter design enables 360 degree plus rotation, eliminating aiming dead zones. The SP893MLP is designed for use with 35-75W PAR30 line voltage halogen lamps and features high-quality, die cast aluminum construction in attractive satin nickel finish. An optional bayonet-mount media cartridge is available (T893MC) that simultaneously accepts up to two light control accessories for optimum beam control.

Make product selections and build your model number

Model	Finish	Example
SP893MLP	- STN	SP893MLP-STN
STN Satin Nickel		

Accessories

For Fixtures:	SP893MLP
Dual Accessory Holder	T853MC-BL
Color Filters	T561-6*
Dichroic Filters	T5601-18*
Diffusion Lens	T5620*
Uniformity Lens	T5621*
UV Filter	T5622*
Prismatic Spread Lens	T5677*
Linear Spread Lens	T5678*
Cube Cell Louver	T569BL*

* Filters, lenses, and louver require dual accessory holder for installation.

Fluorescent Wall Wash Fixture

SW5ML T5HO Wall Washer



The SW5ML integrates the latest generation of ultra-compact, linear fluorescent lamps that offer 20,000-hour lamp life with exceptional lumen maintenance. A computer designed reflector maximizes optical efficiency and produces exceptional, uniform illumination of perimeter walls and displays. Its sleek profile is so shallow that it virtually blends in with the trac. The SW5ML features an electronic ballast for maximum energy efficiency and quiet operation. Each fixture includes an integral one-piece, snap-in metal louver which provides the perfect blend of brightness control, aesthetics and efficiency. An optional clear acrylic lamp containment lens/barrier is available for food service applications.

Make product selections and build your model number

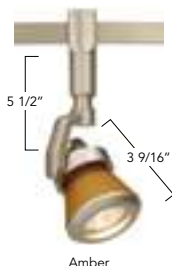
Model	Wattage/Lamp	Finish	Example
SW5ML	- T524	- STN	SW5ML-T524-STN
T524 Two 24W, T5HO Fluorescent STN Satin Nickel			

Accessories

For Fixture:	SW5ML
Clear Acrylic Lens	T5L22CL

GU10 MR16 Directional Fixtures

SP10MLU Delta



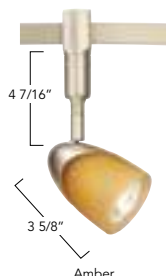
Fully adjustable spot fixture with front accent shade. Shade is available in frosted glass or plated metal in a variety of color/finish choices. 120V, 50W max. GU10 MR16 halogen lamp (included).

Make product selections and build your model number

Model	Hardware Finish	Shade Finish	Example
SP10MLU	-	STN	SP10MLU-STN-AMB
	STN Satin Nickel	AMB Amber	
		FRT Frost	
		STN Satin Nickel	



SP11MLU Supernova



Fully adjustable spot fixture with front accent shade. Shade is available in frosted glass with two color choices. 120V, 50W max. GU10 MR16 halogen lamp (included).

Make product selections and build your model number

Model	Hardware Finish	Shade Finish	Example
SP11MLU	-	AMB	SP11MLU-STN-AMB
	STN Satin Nickel	AMB Amber	
		FRT Frost	



SP12MLU Phoenix



Fully adjustable spot fixture with front accent shade. Shade is available in frosted glass with three color choices. 120V, 50W max. GU10 MR16 halogen lamp (included).

Make product selections and build your model number

Model	Hardware Finish	Shade Finish	Example
SP12MLU	-	STN	SP12MLU-STN-AMB
	STN Satin Nickel	AMB Amber	
		OPL Opal	
		RED Red	



SP95MLU Discovery



Fully adjustable spot fixture with front accent shade. Shade is available in clear or frosted glass or plated metal in a variety of color/finish choices. 120V, 50W max. GU10 MR16 halogen lamp (included).

Make product selections and build your model number

Model	Hardware Finish	Shade Finish	Example
SP95MLU	-	STN	SP95MLU-STN-STN
	STN Satin Nickel	CLR Clear	
		FRT Frost	
		STN Satin Nickel	

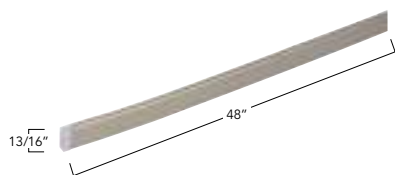


ML4 MonoLine 4 Foot Rail Section

Hand bendable aluminum core trac. Trac may be bent to a minimum radius of 18". 20 amp max. Two MLE End Caps included.

Make product selections and build your model number

Model	Hardware Finish	Example
ML4	- STN	ML4-STN
STN Satin Nickel		

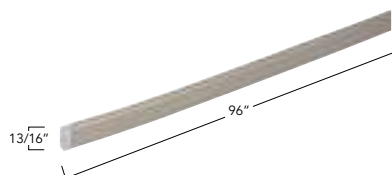


ML8 MonoLine 8 Foot Rail Section

Hand bendable aluminum core trac. Trac may be bent to a minimum radius of 18". 20 amp max. Two MLE End Caps included.

Make product selections and build your model number

Model	Hardware Finish	Example
ML8	- STN	ML8-STN
STN Satin Nickel		



MLE MonoLine Standard End Caps (Set of 2)

Covers exposed conductor ends of MonoLine trac. Required when installing trac sections cut in the field.

Make product selections and build your model number

Model	Hardware Finish	Example
MLE	- CLR	MLE-CLR
CLR Clear		

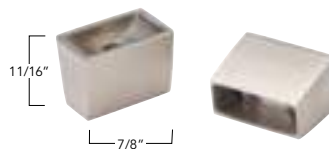


MLE2 MonoLine Decorative End Cap Covers (Set of 2)

Installs over MLE End Caps supplied with MonoLine trac to provide a more "finished" system aesthetic.

Make product selections and build your model number

Model	Hardware Finish	Example
MLE2	- STN	MLE2-STN
STN Satin Nickel		

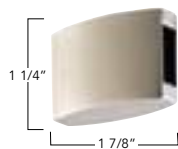


MLJ1 MonoLine Conductive Straight Joiner

Mechanically joins and electrically connects one trac section to another. 20 amp max. Adds 1/2" length between trac sections.

Make product selections and build your model number

Model	Hardware Finish	Example
MLJ1	- STN	MLJ1-STN
STN Satin Nickel		

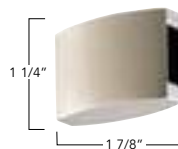


MLJ2 MonoLine Non-Conductive Straight Joiner

Mechanically joins one trac section to another without electrical connection. Adds 1/2" length between trac sections.

Make product selections and build your model number

Model	Hardware Finish	Example
MLJ2	- STN	MLJ2-STN
STN Satin Nickel		

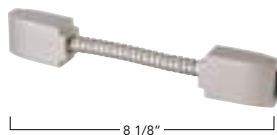


MLJ3 MonoLine Conductive Flexible Joiner

Mechanically joins and electrically connects two trac sections at various angles. 20 amp max.

Make product selections and build your model number

Model	Hardware Finish	Example
MLJ3	- STN	MLJ3-STN
STN Satin Nickel		



MLJ4 MonoLine Conductive Hinged "L" Joiner

Adjusts from straight to 90° angle. Mechanically joins and electrically connects one trac section to another. 20 amp max.

Make product selections and build your model number

Model	Hardware Finish	Example
MLJ4	- STN	MLJ4-STN
STN Satin Nickel		

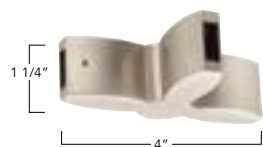


MLJ6 MonoLine Conductive "T" Joiner

Mechanically joins and electrically connects the junction of three trac sections to form a "T". 20 amp max. Adds approximately 1-1/2" length to each trac from intersection point.

Make product selections and build your model number

Model	Hardware Finish	Example
MLJ6	- STN	MLJ6-STN
STN Satin Nickel		

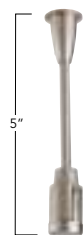


MLS1 MonoLine Standard Stem Support for Rigid Ceilings

Supports MonoLine at standard 5" system height. Order RSE Support Extensions to increase length if necessary.

Make product selections and build your model number

Model	Hardware Finish	Example
MLS1	- STN	MLS1-STN
STN Satin Nickel		

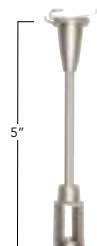


MLS2 MonoLine Standard Stem Support for T-Bar Ceilings

Supports MonoLine at standard 5" system height. Order RSE Support Extensions to increase length if necessary.

Make product selections and build your model number

Model	Hardware Finish	Example
MLS2	- STN	MLS2-STN
STN Satin Nickel		



MLS3 MonoLine Cable Support

Single screw mounting to ceiling. 144" aircraft cable. Easily adjusts with set screw.

Make product selections and build your model number

Model	Hardware Finish	Example
MLS3	- STN	MLS3-STN
STN Satin Nickel		



MLS10 MonoLine Conductive Straight Joiner Support for Rigid Ceilings

Supports MonoLine at standard 5" system height. Mechanically joins and electrically connects one trac section to another. 20 amp max. Adds 1/2" length between trac sections. Order RSE Support Extensions to increase length if necessary.

Make product selections and build your model number

Model	Hardware Finish	Example
MLS10	- STN	MLS10-STN



MLS11 MonoLine Non-Conductive Straight Joiner Support for Rigid Ceilings

Supports MonoLine at standard 5" system height. Mechanically joins one trac section to another. Adds 1/2" length between trac sections. Order RSE Support Extensions to increase length if necessary.

Make product selections and build your model number

Model	Hardware Finish	Example
MLS11	- STN	MLS11-STN



MLS14 MonoLine Conductive Hinged "L" Joiner/Support

Supports MonoLine at standard 5" system height. Adjusts from straight to 90° angle. Mechanically joins and electrically connects one trac section to another. 20 amp max. Adds approximately 1-1/2" length to each trac from intersection point.

Make product selections and build your model number

Model	Hardware Finish	Example
MLS14	- STN	MLS14-STN



MLS16 MonoLine Conductive "T" Joiner/Support

Supports MonoLine at standard 5" system height. Mechanically joins and electrically connects at the junction of three trac sections to form a "T". 20 amp max. Adds approximately 1-1/2" length to each trac from intersection point.

Make product selections and build your model number

Model	Hardware Finish	Example
MLS16	- STN	MLS16-STN

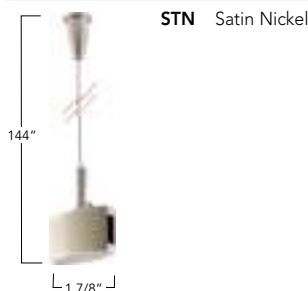


MLS30 MonoLine Conductive Straight Joiner Cable Support

Single screw mounting to ceiling. 144" aircraft cable. Mechanically joins and electrically connects one trac section to another. 20 amp max. Adds 1/2" length between trac sections. Height easily adjusts with set screw.

Make product selections and build your model number

Model	Hardware Finish	Example
MLS30	- STN	MLS30-STN

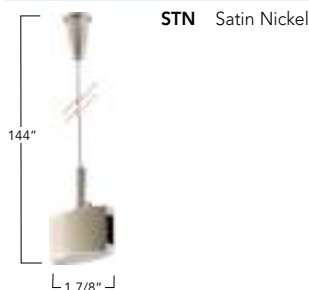


MLS31 MonoLine Non-Conductive Straight Joiner Cable Support

Single screw mounting to ceiling. 144" aircraft cable. Mechanically joins one trac section to another. Adds 1/2" length between trac sections. Height easily adjusts with set screw.

Make product selections and build your model number

Model	Hardware Finish	Example
MLS31	- STN	MLS31-STN



MLS50 MonoLine Sloped Ceiling Support

Enables MonoLine to suspend properly on a sloped ceiling. Standard length is 12". Order RSE Extensions to increase length if necessary. Custom lengths can be ordered pre-assembled – consult factory.

Make product selections and build your model number

Model	Hardware Finish	Example
MLS50	– STN	MLS50-STN

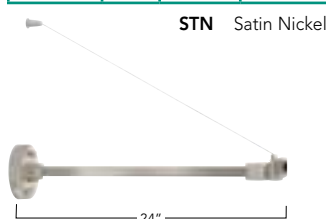


MLP165 MonoLine Conductive "L" Wall Feed

Supports and feeds MonoLine at standard 24" distance from wall. Adjusts from straight to 90° angle. Mechanically joins and electrically connects wall feed to trac section. Distance from wall may be shortened in the field if desired. Includes aircraft cable support and mounting hardware. 20 amp max. Adds approximately 1-1/2" length to trac from intersection point.

Make product selections and build your model number

Model	Hardware Finish	Example
MLP165	– STN	MLP165-STN

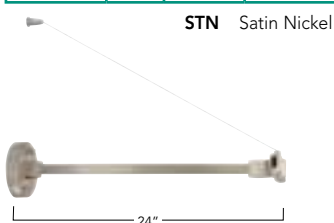


MLP166 MonoLine Conductive "T" Wall Feed

Supports and feeds MonoLine at standard 24" distance from wall. Mechanically joins and electrically connects wall feed to the junction of two trac sections to form a "T". Distance from wall may be shortened in the field if desired. Includes aircraft cable support and mounting hardware. 20 amp max. Adds approximately 1-1/2" length to trac from intersection point.

Make product selections and build your model number

Model	Hardware Finish	Example
MLP166	– STN	MLP166-STN

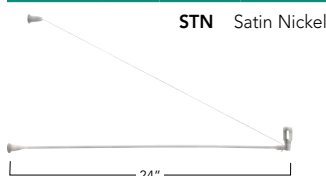


MLS61 MonoLine Wall Support

Supports MonoLine at standard 24" distance from wall. Distance from wall may be shortened in the field if desired. Includes aircraft cable support and mounting hardware.

Make product selections and build your model number

Model	Hardware Finish	Example
MLS61	– STN	MLS61-STN



MLS64 MonoLine Wall End Support

Supports MonoLine termination to a perpendicular wall.

Make product selections and build your model number

Model	Hardware Finish	Example
MLS64	– STN	MLS64-STN



MLP164 MonoLine End Power Feed

Mounts over junction box. Allows end feed from wall. 20 amp max.

Make product selections and build your model number

Model	Hardware Finish	Example
MLP164	– STN	MLP164-STN

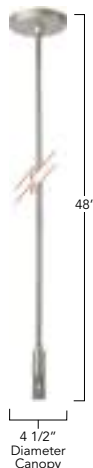


MLP104 MonoLine 48" Floating Power Feed

Powers system at any point along the trac. Flexible cable shield protects wiring. Mounts over junction box. Length can be shortened in the field. 20 amp max.

Make product selections and build your model number

Model	Hardware Finish	Example
MLP104	- STN	MLP104-STN
STN Satin Nickel		



MLP112 MonoLine 144" Floating Power Feed

Powers system at any point along the trac. Flexible cable shield protects wiring. Mounts over junction box. Length can be shortened in the field. 20 amp max.

Make product selections and build your model number

Model	Hardware Finish	Example
MLP112	- STN	MLP112-STN
STN Satin Nickel		

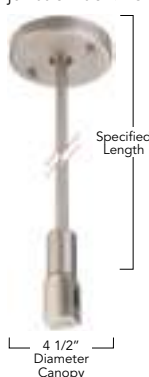


MLP14x MonoLine Stem Power Feeds

Supports and feeds MonoLine trac at chosen offset. Mounts over junction box. Length can be shortened in the field. 20 amp max.

Make product selections and build your model number

Model	Hardware Finish	Example
MLP142	- STN	MLP142-STN
STN Satin Nickel		
MLP140	5" Stem	
MLP142	12" Stem	
MLP144	24" Stem	
MLP146	36" Stem	
MLP148	48" Stem	



MLP150 MonoLine 12" Sloped Ceiling Power Feed

Pivoting joint accommodates up to 30° ceiling pitch. Length can be shortened in the field. Supports and feeds MonoLine trac at 12" system height. Overall length can be extended to 48" max. Using MLF-EXT Power Feed Extensions.

Make product selections and build your model number

Model	Hardware Finish	Example
MLP150	- STN	MLP150-STN
STN Satin Nickel		

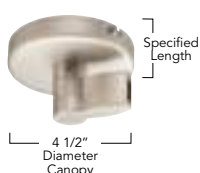


MLP1J1 MonoLine Conductive Stem Mounted End Feeds

Supports and feeds MonoLine from end of trac. Height of stem is specifiable from 5" to 48" in defined lengths. Includes mounting canopy, stem and feed connector. 20 amp max. Adds approximately 1-1/2" length to trac from intersection point.

Make product selections and build your model number

Model	Hardware Finish	Example
MLP1J1-12	- STN	MLP1J1-12-STN
STN Satin Nickel		
MLP1J1-2	2" Stem	
MLP1J1	5" Stem	
MLP1J1-12	12" Stem	
MLP1J1-24	24" Stem	
MLP1J1-36	36" Stem	
MLP1J1-48	48" Stem	

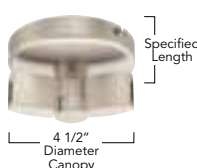


MLP1J4 MonoLine Conductive Stem Mounted Hinged "L" Joiner/Feeds

Supports, joins and feeds MonoLine at intersection of trac. Provides power to trac in both directions (same electrical circuit). Adjusts from straight to 90° angle. Height of stem is specifiable from 5" to 48" in defined lengths. Includes mounting canopy, stem and joiner/feed connector. 20 amp max. Adds approximately 1-1/2" length to each trac from intersection point.

Make product selections and build your model number

Model	Hardware Finish	Example
MLP1J4-12	- STN	MLP1J4-12-STN
STN Satin Nickel		
MLP1J4-2	2" Stem	
MLP1J4	5" Stem	
MLP1J4-12	12" Stem	
MLP1J4-24	24" Stem	
MLP1J4-36	36" Stem	
MLP1J4-48	48" Stem	



MLTQJ75 MonoLine Quick Jack Transformer Adapter

12V, 75W electronic transformer. For all non-LED fixtures/pendants using the Quick Jack connector.

Make product selections and build your model number

Model		Hardware Finish	Example
MLTQJ75	-	STN	MLTQJ75-STN
		STN Satin Nickel	



MLTQJL75 MonoLine LED-Compatible Quick Jack Transformer Adapter

12V, 60W electronic transformer. For all fixtures/pendants using the Quick Jack connector. LED-compatible.

Make product selections and build your model number

Model		Hardware Finish	Example
MLTQJL75	-	STN	MLTQJL75-STN
		STN Satin Nickel	



RSE Support Extensions

Replaces shorter standard stems in MLS1, MLS2, MLS10, MLS11, MLS14, MLS16 and MLS50 Supports to increase trac displacement from ceiling. Length can be shortened in the field.

Make product selections and build your model number

Model		Hardware Finish	Example
RSE-12	-	STN	RSE-12-STN
		STN Satin Nickel	

RSE-12 12" Length
RSE-24 24" Length
RSE-36 36" Length
RSE-48 48" Length



MLF-EXT Power Feed Extensions

Replaces standard stems in MLP142, MLP144, MLP146 and MLP148 Power Feeds to increase or reduce trac displacement from ceiling. Length can be shortened in the field.

Make product selections and build your model number

Model		Hardware Finish	Example
MLF-EXT12	-	STN	MLF-EXT12-STN
		STN Satin Nickel	

MLF-EXT12 8 1/2" Length
MLF-EXT24 20 1/2" Length
MLF-EXT36 32 1/2" Length
MLF-EXT48 44 1/2" Length



JLG-B100 Portable Bending Machine

Portable bending machine for both MonoLine and Flex 12 flexible trac. MonoLine may be bent to a minimum radius of 18". Conveniently clamps to a rigid work surface and easily makes smooth, precise, reliable bends. Provided with a durable, hard-shell carrying case.

Model	Example
JLG-B100	JLG-B100



MonoLine® Starter Kits



MLKS1 4' MonoLine Starter Kit

Contains one ML4 4' MonoLine trac section with MLE End Caps, one MLP140 Standard Stem Power Feed and two MLS1 Standard Stem Supports. Fixtures not included. Power feed cannot be extended. Standard offset is 5" from mounting surface to bottom of trac. MonoLine trac may be bent to a minimum radius of 18".

Make product selections and build your model number

Model	Hardware Finish	Example
MLKS1	- STN	MLKS1-STN
STN Satin Nickel		



MLKS2 8' MonoLine Starter Kit

Contains two ML4 4' MonoLine trac sections with MLE End Caps, one MLP140 Standard Stem Power Feed, two MLS1 Standard Stem Supports and one MLS10 Straight Joiner Support. Fixtures not included. Power feed cannot be extended. Standard offset is 5" from mounting surface to bottom of trac. MonoLine trac may be bent to a minimum radius of 18".

Make product selections and build your model number

Model	Hardware Finish	Example
MLKS2	- STN	MLKS2-STN
STN Satin Nickel		



MLKS3 12' MonoLine Starter Kit

Contains three ML4 4' MonoLine trac sections with MLE End Caps, one MLP140 Standard Stem Power Feed, two MLS1 Standard Stem Supports and two MLS10 Straight Joiner Supports. Fixtures not included. Power feed cannot be extended. Standard offset is 5" from mounting surface to bottom of trac. MonoLine trac may be bent to a minimum radius of 18".

Make product selections and build your model number

Model	Hardware Finish	Example
MLKS3	- STN	MLKS3-STN
STN Satin Nickel		



MLKSA 4' MonoLine Add-On Kit

Add four more feet to your current system or kit. Contains one ML4 4' MonoLine trac section with MLE End Caps, one MLJ1 Straight Joiner and one MLS1 Standard Stem Support. Fixtures not included. MonoLine trac may be bent to a minimum radius of 18".

Make product selections and build your model number

Model	Hardware Finish	Example
MLKSA	- STN	MLKSA-STN
STN Satin Nickel		

MonoLine® Complete Kits



MLKD1 4' Line Voltage 3 Light Kit with SP11 Fixtures

Line voltage bendable trac kit with one ML4 4' MonoLine trac section with MLE End Caps, two MLS1 Standard Stem Supports, one MLP140 Standard Stem Power Feed, and three adjustable SP11 fixtures. Includes three 50W GU10 lamps. Power feed cannot be extended. Standard offset is 5" from mounting surface to bottom of trac. MonoLine trac may be bent to a minimum radius of 18".

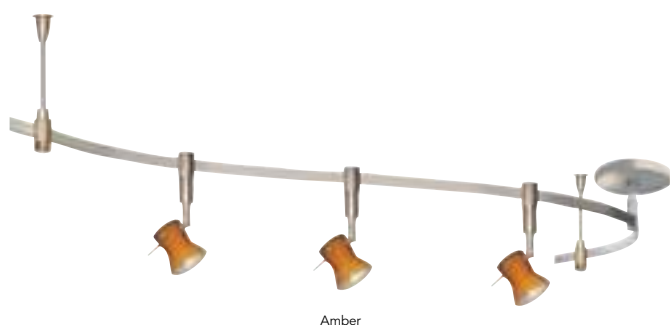
Make product selections and build your model number

Model	Hardware Finish	Shade Finish	Example
MLKD1	- STN	- AMB	MLKD1-STN-AMB

STN Satin Nickel

AMB Amber

FRT Frost



MLKD2 4' Line Voltage 3 Light Kit with SP12 Fixtures

Line voltage bendable trac kit with one ML4 4' MonoLine trac section with MLE End Caps, two MLS1 Standard Stem Supports, one MLP140 Standard Stem Power Feed, and three adjustable SP12 fixtures. Includes three 50W GU10 lamps. Power feed cannot be extended. Standard offset is 5" from mounting surface to bottom of trac. MonoLine trac may be bent to a minimum radius of 18".

Make product selections and build your model number

Model	Hardware Finish	Shade Finish	Example
MLKD2	- STN	- AMB	MLKD2-STN-AMB

STN Satin Nickel

AMB Amber

OPL Opal



MLKD3 8' Line Voltage 5 Light Kit with SP11 Fixtures

Line voltage bendable trac kit with two ML4 4' MonoLine trac sections with MLE End Caps, two MLS1 Standard Stem Supports and one MLS10 Straight Joiner Support, one MLP140 Standard Stem Power Feed, and five adjustable SP11 fixtures. Includes five 50W GU10 lamps. Power feed cannot be extended. Standard offset is 5" from mounting surface to bottom of trac. MonoLine trac may be bent to a minimum radius of 18".

Make product selections and build your model number

Model	Hardware Finish	Shade Finish	Example
MLKD3	- STN	- AMB	MLKD3-STN-AMB

STN Satin Nickel

AMB Amber

FRT Frost



MLKD4 8' Line Voltage 5 Light Kit with SP12 Fixtures

Line voltage bendable trac kit with two ML4 4' MonoLine trac sections with MLE End Caps, two MLS1 Standard Stem Supports and one MLS10 Straight Joiner Support, one MLP140 Standard Stem Power Feed, and five adjustable SP12 fixtures. Includes five 50W GU10 lamps. Power feed cannot be extended. Standard offset is 5" from mounting surface to bottom of trac. MonoLine trac may be bent to a minimum radius of 18".

Make product selections and build your model number

Model	Hardware Finish	Shade Finish	Example
MLKD4	- STN	- OPL	MLKD4-STN-OPL







STN Satin Nickel

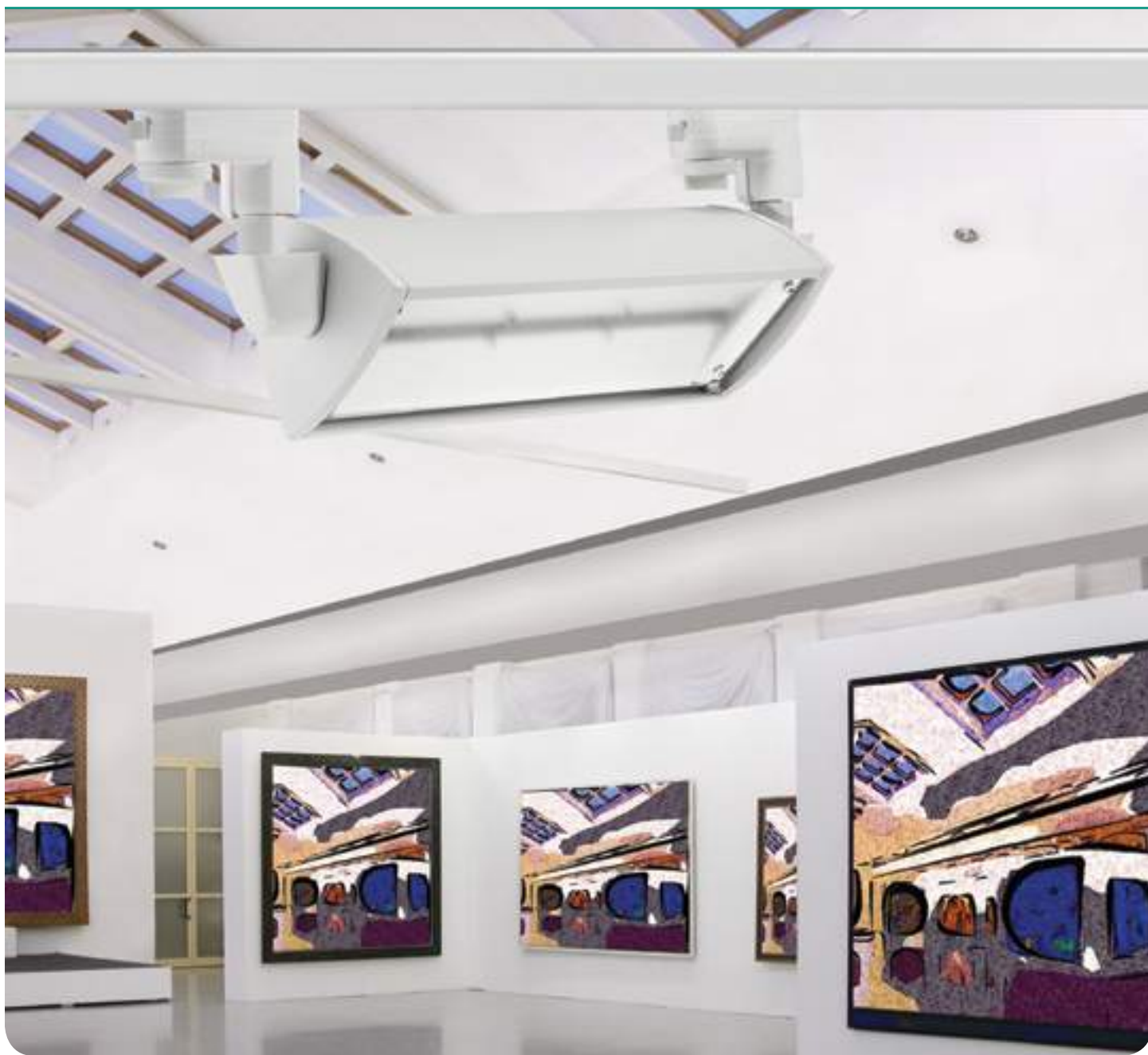
AMB Amber

OPL Opal



Light Control Accessories

Media Cartridges		2" DIA.	COMPATIBLE WITH	2 3/4" DIA.	COMPATIBLE WITH	3 3/4" DIA.	COMPATIBLE WITH
	Required for listed fixtures to hold light control accessories.					T853MC-BL Accepts up to 2 accessories T893MC-BL Accepts up to 2 accessories TM530BL Accepts up to 2 accessories	SP853MLP SP893MLP SP403MLP
Light Control Lenses							
	These alter the light distribution of a given lamp, enlarging or elongating it, softening the beam edge or removing striations.	Uniformity Lens (Solite™)	T7421	SP261MLL, TQJ252L	SP207MLXP, SP407MLP	T5621	SP254MLL, SP262MLL, SP263MLL, and fixtures with T853MC, T893MC or TM530 Accessory Holder
		Diffusion Lens	T7420	T5920			
		Prismatic Spread Lens	T7477	T597			
		Linear Spread Lens	T7478	T598			
UV Filters							
	These museum quality lenses filter out ultra-violet radiation below 400 nanometers to protect fade sensitive art and objects.		T7422			T5922	T5622
Dichroic Color Correction Filters							
	Color Correction Filters correct the light, either to warm it up to approximate incandescent, or cool it down to approximate daylight.	Halogen-to-Incandescent, 2700K	T7418			T5918	T5618
		Halogen-to-Daylight, 4250K	T7416	T5916		T5616	
		HID-to-Incandescent for HID Lampholders	T7419	T5919		T5619	
Color Filters		Dichroic Glass Filters					
	Color Filters change white light into colored light and are available in colored glass and more efficient/saturated dichroic filters.	Red	T7401			T5901	T5601
		Medium Green	T7403	T5903		T5603	
		Medium Blue	T7404	T5904		T5604	
		Yellow	T7405	T5905		T5605	
		Magenta	T7406	T5906		T5606	
		Blue-Green (Cyan)	T7411	T5911		T5611	
		Colored Glass Filters					
		Medium Pink	T741	T591		T561	
		Warm Red	T742	T592		T562	
		Daylight Blue	T743	T593		T563	
		Medium Blue	T744	T594		T564	
		Medium Amber	T745	T595		T565	
		Medium Green	T746	T596		T566	
Louvers							
	Hexcell and cube cell louvers reduce perceived fixture brightness.	Hexcell Louvers	T7459BL			T5928BL	T569BL
		Cube Cell Louvers					



Juno® HD Commercial Trac Lighting System

2-Circuit/2-Neutral

Superior performance for dimmed lighting, low life-cycle cost, and high power handling capability make the Juno HD Commercial Trac System an excellent choice.

This 2-circuit/2-neutral trac system is ideal for dimming intensive applications. The independent neutrals guarantee that the two circuits are completely isolated. The potential for cross-circuit interference and neutral harmonics is completely eliminated, essential for trouble-free dimming. The lack of harmonics ensures superior fixture performance and longer equipment life.

Juno HD Commercial Trac is engineered to be durable, dependable, and simple to install. The trac's extruded aluminum construction and continuously crimped conductors ensure mechanical strength and electrical reliability. The integral suspension rail and pre-drilled mounting holes of the trac simplify installation.



Description

Juno HD Commercial 2-Circuit/2-Neutral Trac is ideal for dimming intensive applications. The independent neutrals guarantee that the two circuits are completely isolated. The potential for cross-circuit interference and neutral harmonics is completely eliminated to ensure trouble-free dimming. The HD Commercial 2-Circuit/2-Neutral Trac's extruded aluminum construction and continuously crimped conductors ensure mechanical strength and electrical reliability. Its integral suspension rail and pre-drilled mounting holes simplify installation. A wide variety of Juno trac fixtures may be specified for use with the HD Commercial Trac system.

Labels UL Listed • cUL Listed • Current Limiting Feeds approved by the California Energy Commission to meet requirements of Title 24 • Current Limiting Feeds comply with ASHRAE 90.1 and IECC Section 805.5.1.4 for trac current limiting.

Features

Construction Rugged, heavy gauge extruded aluminum channel • Integral polarity ridge ensures proper connector and fixture installation

Electrical Each circuit is rated for 20 Amp, 120 Volt operation
• Trac extrusion serves as 100% capacity ground

Fixture Adapter Supplied with trac fixture
• Integrally polarized construction to prevent reverse installation – only allows insertion in proper orientation
• Rotary circuit selector enables simple switching between circuits • Integral on/off switch enables individual fixtures to be switched for servicing

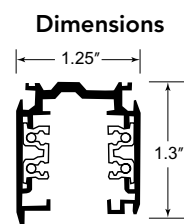
Installation May be installed in linear or grid configurations
• Trac sections can be cut in the field

Mounting May be mounted directly to hard ceiling using suitable anchors (supplied by others) at pre-drilled mounting holes or using SKB10 Mounting Clip and integral suspension rail • May be mounted to T-bar ceiling using appropriate SKBT12 or SKBX12 Mounting Clips and integral suspension rail • Can also be suspended from ceilings using SPUS Pendant Stem Kits, SKB34 Cable Suspension Kits or 1/4"-20 threaded rod (by others) • Mounting points should be spaced no further than 4' apart and within 6" of any trac feed point, junction or end point.

Trac Sections



Catalog #	Finish	Description
TEK44-WH	White	4' Trac section.
TEK44-BL	Black	2-circuit, 120V, 48" length
TEK48-WH	White	8' Trac section.
TEK48-BL	Black	2-circuit, 120V, 96" length
TEK412-WH	White	12' Trac section.
TEK412-BL	Black	2-circuit, 120V, 144" length



Connectors



Catalog #	Finish	Description
TEK11-WH	White	Enables feeding of TEK Trac from top. Use as Conduit End Feed also.
TEK11-BL	Black	

End Feed - Left Polarity



Catalog #	Finish	Description
TEK12-WH	White	Enables feeding of TEK Trac from top. Use as Conduit End Feed also.
TEK12-BL	Black	

End Feed - Right Polarity



Catalog #	Finish	Description
TEK14-WH	White	Joins two TEK Trac sections in-line both electrically and mechanically. Enables feeding of TEK Trac from top at intersection.
TEK14-BL	Black	


Center Feed





Catalog #	Finish	Description
TEK21-WH	White	Joins two TEK Trac sections in-line both electrically and mechanically.
TEK21-BL	Black	

Miniature Straight Connector

Connectors

 Current Limiting End Feed - Left Polarity	Catalog #	Finish	Description
	TEK11CL-WH TEK11CL-BL	White Black	Enables feeding of TEK Trac from top. Requires one or two TEKCL Current Limiters to provide trac current limiting per national, state and local energy codes.


 Current Limiting End Feed - Right Polarity	Catalog #	Finish	Description
	TEK12CL-WH TEK12CL-BL	White Black	Enables feeding of TEK Trac from top. Requires one or two TEKCL Current Limiters to provide trac current limiting per national, state and local energy codes.





Plug-In Current Limiters


For use with TEK11CL or TEK12CL Current Limiting End Feeds


Catalog #	Finish	Description	Wattage
TCL0.5WH	White	0.5A Current Limiting Circuit Breaker	60W
TCL0.5BL	Black		
TCL1WH	White	1A Current Limiting Circuit Breaker	120W
TCL1BL	Black		
TCL2WH	White	2A Current Limiting Circuit Breaker	240W
TCL2BL	Black		
TCL3WH	White	3A Current Limiting Circuit Breaker	360W
TCL3BL	Black		
TCL4WH	White	4A Current Limiting Circuit Breaker	480W
TCL4BL	Black		
TCL5WH	White	5A Current Limiting Circuit Breaker	600W
TCL5BL	Black		
TCL6WH	White	6A Current Limiting Circuit Breaker	720W
TCL6BL	Black		
TCL7WH	White	7A Current Limiting Circuit Breaker	840W
TCL7BL	Black		
TCL8WH	White	8A Current Limiting Circuit Breaker	960W
TCL8BL	Black		
TCL9WH	White	9A Current Limiting Circuit Breaker	1080W
TCL9BL	Black		
TCL10WH	White	10A Current Limiting Circuit Breaker	1200W
TCL10BL	Black		
TCL12WH	White	12A Current Limiting Circuit Breaker	1440W
TCL12BL	Black		
TCL14WH	White	14A Current Limiting Circuit Breaker	1680W
TCL14BL	Black		

 Adjustable Connector	Catalog #	Finish	Description
	TEK24-WH TEK24-BL	White Black	Capable of joining two TEK Trac sections at 90° to 180°. Ideal for applications where using an "L" connector is not practical; also useful for installing Trac around curved architectural details.



 90° "L" Connector	Catalog #	Finish	Description
	TEK34-WH TEK34-BL	White Black	Joins TEK Trac sections to make a 90° angle with continued electrical feed. May be used to feed TEK Trac from top.

 "X" Connector	Catalog #	Finish	Description
	TEK38-WH TEK38-BL	White Black	Joins four TEK Trac sections to make an "X" intersection with continued electrical feed. May be used to feed TEK Trac from top.






 "T" Connector - Adjustable Right Polarity	Catalog #	Finish	Description
	TEK39-WH TEK39-BL	White Black	Joins three TEK Trac sections to make a "T" intersection with continued electrical feed. May be used to feed TEK Trac from top.

 "T" Connector - Adjustable Left Polarity	Catalog #	Finish	Description
	TEK40-WH TEK40-BL	White Black	Joins three TEK Trac sections to make a "T" intersection with continued electrical feed. May be used to feed TEK Trac from top.

Connectors (cont)

 Dead End	Catalog #	Finish	Description
	TEK41-WH TEK41-BL	White Black	Not supplied with TEK Trac sections – must be ordered separately.
 Outlet Box Cover	Catalog #	Finish	Description
	GES15-WH GES15-BL	White Black	Thermoplastic outlet box cover for use when feeding TEK Trac directly over outlet box using TEK11, TEK12, TEK14, TEK34, TEK38, TEK39 or TEK40.

Accessories

 Mounting Bracket	Catalog #	Finish	Description
	SKB10-WH SKB10-BL	White Black	For mounting trac direct to ceiling.
 Mounting Bracket	Catalog #	Finish	Description
	SKBT12-WH SKBT12-BL	White Black	For mounting trac to 15/16" flush tile T-bar ceiling.
 Mounting Bracket	Catalog #	Finish	Description
	SKBX12-WH SKBX12-BL	White Black	For mounting trac to 15/16" drop tile recessed T-bar ceiling.
 Ceiling Cup Kit	Catalog #	Finish	Description
	SKB30-WH SKB30-BL	White Black	Use to suspend TEK Trac from the ceiling when using steel cable or threaded rod. Included bracket provides suspension attachment point and ceiling cup covers the bracket for an aesthetically pleasing result. Combine with SP4P and SKB34 or 1/4"-20 threaded rod (supplied by others) for a complete suspension solution.
 Suspension Cable Kit	Catalog #	Length	Description
	SKB34-5 SKB34-9	5ft. cable 9ft. cable	Use to suspend TEK Trac from the ceiling with supplied 5' or 9' steel cable. Includes cable and cable adjustment fitter. Combine with SP4P and SKB30 for a complete suspension solution.



Mounting Stem Kit

Use to suspend TEK Trac from the ceiling. Combine with SP4P for suspension-only points. Mounts to ceiling j-box. Available in 12", 18", 24" and 48" lengths.

Catalog #	Finish	Description
SPUS12-WH SPUS12-BL	White Black	12" stem length
SPUS18-WH SPUS18-BL	White Black	18" stem length
SPUS24-WH SPUS24-BL	White Black	24" stem length
SPUS48-WH SPUS48-BL	White Black	48" stem length

Accessories (cont)



Universal Suspension Coupler

Catalog #
SP4P-WH
SP4P-BL

Finish
White
Black

Description

Use with SPUS Stem Kit or SKB34 Cable Kit or 1/4"-20 threaded rod (supplied by others) to suspend TEK Trac except at feed or connection points.



Trac Conductor Bending Tool

Catalog #
XTSV12

Description

All-in-one hand tool bends the trac conductors and measures the correct length to ensure proper electrical contact when trac sections are cut in the field.

TEK HD Commercial Trac Compatible Fixtures

A variety of Juno trac fixture designs can be adapted to operate with the Juno TEK HD Commercial Trac system. Each fixture has a factory-assembled 2-circuit trac adapter that is uniquely keyed to the 120V HD Commercial Trac system. To order, simply replace the "T" prefix in the standard fixture catalog number with the "TEK" prefix and eliminate all dashes to indicate fixtures for use with the HD Commercial Trac system.

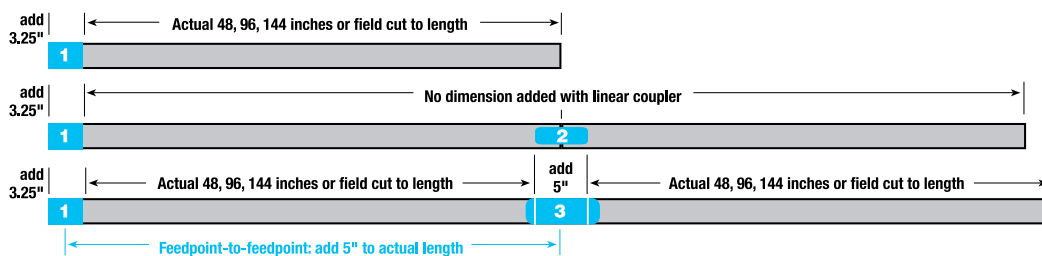
Compatible fixture families include (consult factory for additional choices):

T209L LED Conix
T218, T219 Delta 200 Series
T254L, T255L LED Cylindra
T256L, T257L, T258L, T259L LED Flood/Wall Washers
T261L, T262L, T263L, T265L, T267L LED Conix II Series
T271L, T272L, T275L LED Arc Series
T283L, T285L LED Cylinders with Integral Driver
T292, T293, T294, T296 Studio II Series
T295 Theatrical Light
T308, T620 Universals
T338, T340, T350 Integral Transformer Low Voltage Spotlights
T362, T363, T368 Open Back Gimbals (Rear Loading)
T366, T367 Quartz Floods
T403, T404 Pro-Gimbals Series
T431, T433, T435, T437 Wireform Series
T5T T5HO Wall Washers
T635-9, T635-16 Trapezia Series
T687, T689, T690 Open Back Gimbals (Front Loading)
T691 Mini Swivel
T811, T812, T816, T817 Uno/Duo Series MR16
T831, T832, T834 Uno/Duo Series PAR30
T844, T845, T846 Cylindra Series

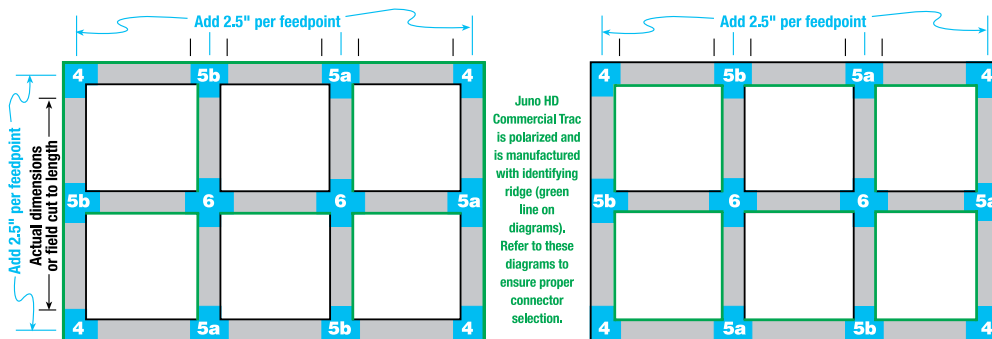
T852, T853, T858 Facet Series
T863, T868 Mamba Series
T1020, T1030, T1031S, T1038 Die Cast Gimbals
TBX18, TBX39, TBX40 Biax Wall Washers
TM201 CMH Vertical Ballast Universal
TM203, TM204 CMH Vertical Ballast Pro-Gimbal
TM207, TM208, TM209 CMH Vertical Ballast Conix PAR
TM213, TM214, TM215 CMH Vertical Ballast Conix T6, G12
TM216, TM217, TM218 CMH Vertical Ballast Conix T4, G8.5
TM232 CMH Vertical Ballast Concentric Cylinder T4, G8.5
TM233 CMH Vertical Ballast Concentric Cylinder BT-5, PGJ5
TM241 CMH Vertical Ballast Cylindra MR16
TM245, TM246 CMH Vertical Ballast Cylindra PAR
TM250 CMH Vertical Ballast Cylindra ED17
TM251 CMH Vertical Ballast Cylindra T6, G12
TM254 CMH Vertical Ballast Cylindra T4, GU6.5
TM256 CMH Vertical Ballast Flood/Wall Wash T6, G12
TM257 CMH Vertical Ballast Flood/Wall Wash T4, G8.5
TMBX26 Mini-Biax Wall Washer

Ordering Examples: "T254L-27K-HC-F-WH" becomes "TEK254L27KHCFWH" and "TM208-70EMH-WH" becomes "TEKM20870EMHWH"

Possible Trac Configuration & Recommended Components



1. **TEK11** End Feed (left) - standard
TEK12 End Feed (right)
(used for conduit feed also)
2. **TEK21** Miniature Straight Connector
3. **TEK14** Center Feed



4. **TEK34** 90° "L" Connector
(adjustable universal polarity)
- 5a. **TEK39** "T" Connector
(adjustable right polarity)
- 5b. **TEK40** "T" Connector
(adjustable left polarity)
6. **TEK38** "X" Connector



Description

Juno HD Commercial 2-Circuit/2-Neutral Trac is ideal for dimming intensive applications. The independent neutrals guarantee that the two circuits are completely isolated. The potential for cross-circuit interference and neutral harmonics is completely eliminated to ensure trouble-free dimming. The HD Commercial 2-Circuit/2-Neutral Trac's extruded aluminum construction and continuously crimped conductors ensure mechanical strength and electrical reliability. Its integral suspension rail and pre-drilled mounting holes simplify installation. A wide variety of Juno trac fixtures may be specified for use with the HD Commercial Trac system.

Labels UL Listed • cUL Listed • Current Limiting Feeds approved by the California Energy Commission to meet requirements of Title 24 • Current Limiting Feeds comply with ASHRAE 90.1 and IECC Section 805.5.1.4 for trac current limiting.

Features

Construction Rugged, heavy gauge extruded aluminum channel • Integral polarity ridge ensures proper connector and fixture installation

Electrical Each circuit is rated for 20 Amp, 277 Volt operation
• Trac extrusion serves as 100% capacity ground

Fixture Adapter Supplied with trac fixture
• Integrally polarized construction to prevent reverse installation – only allows insertion in proper orientation
• Rotary circuit selector enables simple switching between circuits • Integral on/off switch enables individual fixtures to be switched for servicing

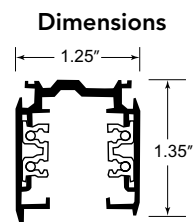
Installation May be installed in linear or grid configurations
• Trac sections can be cut in the field

Mounting May be mounted directly to hard ceiling using suitable anchors (supplied by others) at pre-drilled mounting holes or using SKB10 Mounting Clip and integral suspension rail • May be mounted to T-bar ceiling using appropriate SKBT12 or SKBX12 Mounting Clips and integral suspension rail • Can also be suspended from ceilings using SPUS Pendant Stem Kits, SKB34 Cable Suspension Kits or 1/4"-20 threaded rod (by others) • Mounting points should be spaced no further than 4' apart and within 6" of any trac feed point, junction or end point.

Trac Sections



Catalog #	Finish	Description
HTEK44-WH	White	4' Trac section.
HTEK44-BL	Black	2-circuit, 277V, 48" length
HTEK48-WH	White	8' Trac section.
HTEK48-BL	Black	2-circuit, 277V, 96" length
HTEK412-WH	White	12' Trac section.
HTEK412-BL	Black	2-circuit, 277V, 144" length



Connectors



End Feed - Left Polarity

Catalog #	Finish	Description
HTEK11-WH	White	Enables feeding of HTEK Trac from top. Use as Conduit End Feed also.
HTEK11-BL	Black	



End Feed - Right Polarity

Catalog #	Finish	Description
HTEK12-WH	White	Enables feeding of HTEK Trac from top. Use as Conduit End Feed also.
HTEK12-BL	Black	



Center Feed









Catalog #	Finish	Description
HTEK14-WH	White	Joins two HTEK Trac sections in-line both electrically and mechanically.
HTEK14-BL	Black	Enables feeding of HTEK Trac from top at intersection.





Miniature Straight Connector

Catalog #	Finish	Description
HTEK21-WH	White	Joins two HTEK Trac sections in-line both electrically and mechanically.
HTEK21-BL	Black	






Connectors

	Catalog # HTEK11CL-WH HTEK11CL-BL	Finish White Black	Description Enables feeding of HTEK Trac from top. Requires one or two HTEKCL Current Limiters to provide trac current limiting per national, state and local energy codes.	
	Catalog # HTEK12CL-WH HTEK12CL-BL	Finish White Black	Description Enables feeding of HTEK Trac from top. Requires one or two HTEKCL Current Limiters to provide trac current limiting per national, state and local energy codes.	
	Plug-In Current Limiters For use with HTEK11CL or HTEK12CL Current Limiting End Feeds			
	Catalog #	Finish	Description	Wattage
	HTCL0.25WH HTCL0.25BL	White Black	0.25A Current Limiting Circuit Breaker	69W
	HTCL0.5WH HTCL0.5BL	White Black	0.5A Current Limiting Circuit Breaker	138W
	HTCL0.75WH HTCL0.75BL	White Black	0.75A Current Limiting Circuit Breaker	207W
	HTCL1.00WH HTCL1.00BL	White Black	1A Current Limiting Circuit Breaker	277W
	HTCL2.50WH HTCL2.50BL	White Black	2.5A Current Limiting Circuit Breaker	692W
	HTCL5.00WH HTCL5.00BL	White Black	5A Current Limiting Circuit Breaker	1385W
	HTCL7.50WH HTCL7.50BL	White Black	7.5A Current Limiting Circuit Breaker	2077W
	HTCL10.0WH HTCL10.0BL	White Black	10A Current Limiting Circuit Breaker	2770W
	HTCL15.0WH HTCL15.0BL	White Black	15A Current Limiting Circuit Breaker	4155W
	Catalog # HTEK24-WH HTEK24-BL	Finish White Black	Description Capable of joining two HTEK Trac sections at 90° to 180°. Ideal for applications where using an "L" connector is not practical; also useful for installing Trac around curved architectural details.	
	Catalog # HTEK34-WH HTEK34-BL	Finish White Black	Description Joins HTEK Trac sections to make a 90° angle with continued electrical feed. May be used to feed HTEK Trac from top.	
	Catalog # HTEK38-WH HTEK38-BL	Finish White Black	Description Joins four HTEK Trac sections to make an "X" intersection with continued electrical feed. May be used to feed HTEK Trac from top.	
	Catalog # HTEK39-WH HTEK39-BL	Finish White Black	Description Joins three HTEK Trac sections to make a "T" intersection with continued electrical feed. May be used to feed HTEK Trac from top.	
	Catalog # HTEK40-WH HTEK40-BL	Finish White Black	Description Joins three HTEK Trac sections to make a "T" intersection with continued electrical feed. May be used to feed HTEK Trac from top.	

Connectors (cont)

 Dead End	Catalog #	Finish	Description
	HTEK41-WH HTEK41-BL	White Black	Not supplied with HTEK Trac sections – must be ordered separately.
 Outlet Box Cover	Catalog #	Finish	Description
	GES15-WH GES15-BL	White Black	Thermoplastic outlet box cover for use when feeding HTEK Trac directly over outlet box using HTEK11, HTEK12, HTEK14, HTEK34, HTEK38, HTEK39 or HTEK40.

Accessories

 Mounting Bracket	Catalog #	Finish	Description
	SKB10-WH SKB10-BL	White Black	For mounting trac direct to ceiling.
 Mounting Bracket	Catalog #	Finish	Description
	SKBT12-WH SKBT12-BL	White Black	For mounting trac to 15/16" flush tile T-bar ceiling.
 Mounting Bracket	Catalog #	Finish	Description
	SKBX12-WH SKBX12-BL	White Black	For mounting trac to 15/16" drop tile recessed T-bar ceiling.
 Ceiling Cup Kit	Catalog #	Finish	Description
	SKB30-WH SKB30-BL	White Black	Use to suspend HTEK Trac from the ceiling when using steel cable or threaded rod. Included bracket provides suspension attachment point and ceiling cup covers the bracket for an aesthetically pleasing result. Combine with SP4P and SKB34 or 1/4"-20 threaded rod (supplied by others) for a complete suspension solution.
 Suspension Cable Kit	Catalog #	Length	Description
	SKB34-5 SKB34-9	5ft. cable 9ft. cable	Use to suspend HTEK Trac from the ceiling with supplied 5' or 9' steel cable. Includes cable and cable adjustment fitter. Combine with SP4P and SKB30 for a complete suspension solution.



Mounting Stem Kit

Use to suspend HTEK Trac from the ceiling. Combine with SP4P for suspension-only points. Mounts to ceiling j-box. Available in 12", 18", 24" and 48" lengths.

Catalog #	Finish	Description
SPUS12-WH SPUS12-BL	White Black	12" stem length
SPUS18-WH SPUS18-BL	White Black	18" stem length
SPUS24-WH SPUS24-BL	White Black	24" stem length
SPUS48-WH SPUS48-BL	White Black	48" stem length

Accessories (cont)



Universal Suspension Coupler

Catalog #
SP4P-WH
SP4P-BL

Finish
White
Black

Description

Use with SPUS Stem Kit or SKB34 Cable Kit or 1/4"-20 threaded rod (supplied by others) to suspend HTEK Trac except at feed or connection points.



Trac Conductor Bending Tool

Catalog #
XTSV12

Description

All-in-one hand tool bends the trac conductors and measures the correct length to ensure proper electrical contact when trac sections are cut in the field.

HTEK HD Commercial Trac Compatible Fixtures

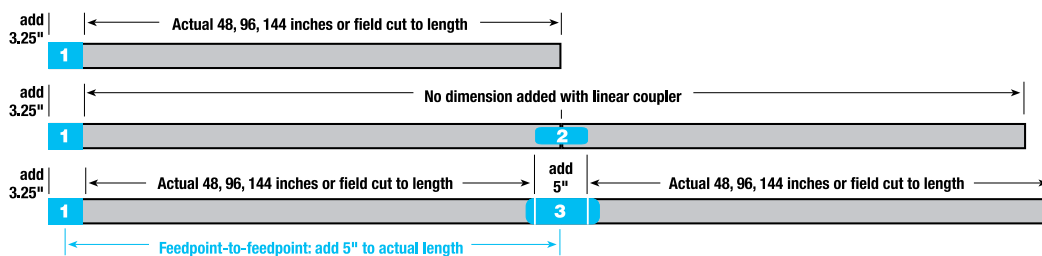
A variety of Juno trac fixture designs can be adapted to operate with the Juno HTEK HD Commercial Trac system. Each fixture has a factory-assembled 2-circuit trac adapter that is uniquely keyed to the 277V HD Commercial Trac system. To order, simply replace the "T" prefix in the standard fixture catalog number with the "HTEK" prefix and eliminate all dashes to indicate fixtures for use with the HD Commercial Trac system.

Compatible fixture families include (consult factory for additional choices):

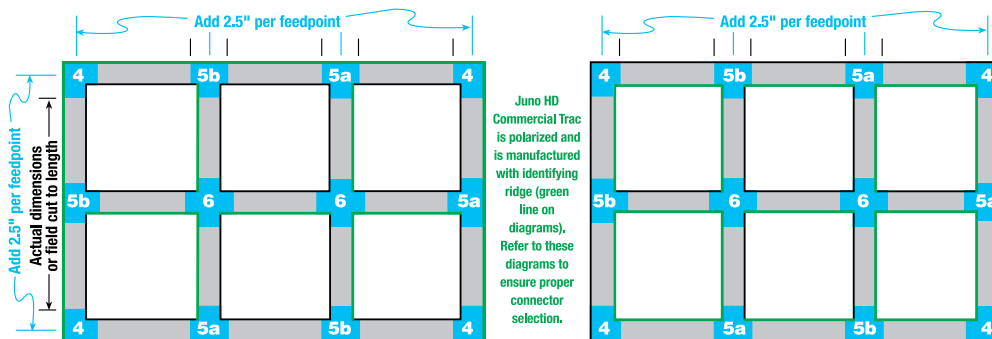
T209L LED Conix
T255L LED Cylindra
T256L, T257L, T258L, T259L LED Flood/Wall Washers
T261L, T262L, T263L, T265L, T267L LED Conix II Series
T275L Arc XL
T283L, T285L LED Cylinders with Integral Driver
T5T T5HO Wall Washers
TBX18 Biax Wall Washers
TM201 CMH Vertical Ballast Universal (39W & 70W only)
TM203 CMH Vertical Ballast Pro-Gimbal
TM204 CMH Vertical Ballast Pro-Gimbal (70W only)
TM207 CMH Vertical Ballast Conix PAR (39W only)
TM208 CMH Vertical Ballast Conix PAR
TM209 CMH Vertical Ballast Conix PAR (70W only)
TM213, TM214, TM215 CMH Vertical Ballast Conix T6, G12 (50W, 70W & 100W only)
TM216, TM217, TM218 CMH Vertical Ballast Conix T4, G8.5
TM232 CMH Vertical Ballast Concentric Cylinder T4, G8.5 (20W & 39W only)
TM241 CMH Vertical Ballast Cylindra MR16 (39W & 50W only)
TM245, TM246 CMH Vertical Ballast Cylindra PAR
TM250 CMH Vertical Ballast Cylindra ED17
TM251 CMH Vertical Ballast Cylindra T6, G12
TM254 CMH Vertical Ballast Cylindra T4, GU6.5 (15W & 39W only)
TM256 CMH Vertical Ballast Flood/Wall Wash T6, G12
TM257 CMH Vertical Ballast Flood/Wall Wash T4, G8.5

Ordering Examples: "T263LG2-3NBL" becomes "HTEK263LG23NBL" and "TM208-70EMH-WH" becomes "HTEKM20870EMHWH"

Possible Trac Configuration & Recommended Components



1. HTEK11 End Feed (left) - standard
HTEK12 End Feed (right)
(used for conduit feed also)
2. HTEK21 Miniature Straight Connector
3. HTEK14 Center Feed



4. HTEK34 90° "L" Connector
(adjustable universal polarity)
- 5a. HTEK39 "T" Connector
(adjustable right polarity)
- 5b. HTEK40 "T" Connector
(adjustable left polarity)
6. HTEK38 "X" Connector



Supremely versatile trac-based lighting

Linear Lighting Thanks to its ultra-slim profile, Trac 12™ can be easily installed in coves, cabinetry, and casework displays to produce uniform linear lighting. Variable spacing of either LED modules or xenon lamp holders permits on-site fine tuning to create even illumination at the desired light intensity.

Spotlighting Trac 12 is easily integrated into displays, low soffits, and ceilings or can be pendant-suspended for dramatic accent lighting. The diminutive dimensions of Trac 12 allow it to squeeze into tight spaces inaccessible to standard-size, line voltage trac systems. Trac 12 is powered by remote low voltage transformers, eliminating the need for transformers at each fixture. This can be helpful in meeting today's stringent energy codes, since power calculations are typically based on the capacity of the transformers, rather than the linear feet of installed trac.

Energy-Efficient Illumination The Trac 12 system is offered with a variety of light sources, including the latest in ultra-efficient LEDs. An extensive range of advanced LED fixtures for linear, spot and flood applications feature unparalleled energy savings and remarkably long service life.

Trac 12 Linear WarmDim® LED Modules

Miniature WarmDim LED modules gradually shift to a warmer color temperature as they are dimmed. Available in an initial full-on color temperature of just less than 2700K, which gradually dims to 1800K as the input voltage is reduced. These miniature LED modules approximately 15% of the energy and having a rated light of 50,000 hours. Compatible with standard Trac 12 and Trac12/25 trac, operating with 12V AC power.



Catalog #
TL214LED-27K-WD

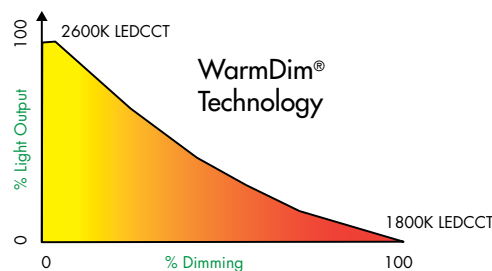
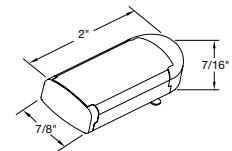
Initial Color Temp.
Approx. 2700K

Watts
1.1

Lumens
43

Maximum Lumens/Ft.
258

Dimensions




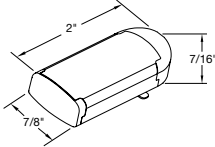

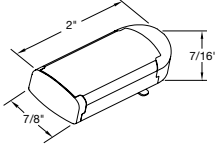

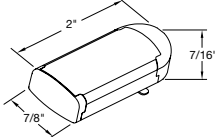


Trac 12™ | Linear LED Modules

White-Light & Color

Trac 12 Low Power LED Modules

Miniature LED linear lighting modules replicate the light output and distribution of 5-10-watt xenon lamps, while utilizing approximately 1/8 of the energy. They produce up to 478 lumens per foot and high 90 CRI minimum (except 2200K which is 85 CRI typical). At 50,000 hours, LEDs retain 70% of their initial lumens. Ideal for linear lighting applications including cove, undercabinet, task and casework display lighting. 12V AC operation only.

	Catalog #	Watts	Color Temp.	Lumens	Maximum Lumens/Ft.	Dimensions
	TL214LEDX1-22K	0.5	2200K	20	120	
	Catalog #	Watts	Color Temp.	Lumens	Maximum Lumens/Ft.	Dimensions
	TL214LEDX2-22K	1.0	2200K	40	240	
	Catalog #	Watts	Color Temp.	Lumens	Maximum Lumens/Ft.	Dimensions
	TL214LEDX3-22K	1.5	2200K	56	336	
	TL214LED-27K	1.5	2700K	76	456	
	TL214LED-3K	1.5	3000K	78	470	
	TL214LED-35K	1.5	3500K	79	472	
	TL214LED-4K	1.5	4000K	80	478	


Trac 12 Linear Color LED Modules

Miniature color LED modules enable a simple, economical and flexible way to add a splash of color to any environment. Available in rich blue, green or red colors, these long life, low profile modules are compatible with standard Trac 12 and Trac12/25 trac, operating with 12V AC power.

	Catalog #	LED Color	Watts	Maximum Lumens/Ft.	Dimensions
	TL214LED-BLUE	Blue	1.0	138	
	Catalog #	LED Color	Watts	Maximum Lumens/Ft.	
	TL214LED-GREEN	Green	0.5	174	
	Catalog #	LED Color	Watts	Maximum Lumens/Ft.	
	TL214LED-RED	Red	0.65	108	

Wedge Base Lampholders

Wedge base lampholders are an economical choice for linear lighting applications. They have a minimal profile and produce bright, uniform illumination. They are compatible with wedge base lamps that are 10W or less and T3-1/4 size or smaller including xenon, LED, etc. Xenon lamps emit a white light that approximates the color of halogen, but have up to a 20,000-hour lamp life and do not require fixture lenses or special handling.


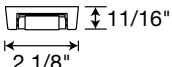
	Catalog #	Finish	Lamp	Dimensions
	TL201WH TL201BL	White Black	One 12V or 24V, 10W max. T3-1/4 wedge base lamp	 5/8" 1 3/8"
	Catalog #	Finish	Lamp	Dimensions
	TL202WH TL202BL	White Black	Two 12V or 24V, 10W max. T3-1/4 wedge base lamps	 5/8" 2 3/8"

T3-1/4 Xenon Wedge Base Lamps

Catalog #	Watts	Volts	Clear/Frosted	Rated Lumens	Catalog #	Watts	Volts	Clear/Frosted	Rated Lumens
TL900	3	12	Clear	15	TL905-24V	5	24	Frosted	29
TL901	5	12	Clear	33	TL910-24V	10	24	Frosted	91
TL903	10	12	Clear	83					

Rigid Loop Lampholder

Rigid loop lampholders are ideally suited for linear lighting applications. They have a low profile and produce bright, uniform illumination. The rigid loop lampholder includes a stationary reflector to forward project more of the 360° light from the lamp. They are compatible with rigid loop style lamps that are 10W or less and T3-1/4 size or smaller including xenon, LED, etc. Rigid loop lamps possess all of the advantages of the wedge base lamps, but offer a more symmetrical light distribution and slightly higher output that is optimal for cove lighting applications. Xenon lamps emit a white light that approximates the color of halogen, but have up to a 20,000-hour lamp life and do not require fixture lenses or special handling.


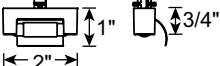
	Catalog #	Finish	Lamp	Dimensions
	TL211WH TL211BL	White Black	One 12V or 24V, 10W max. T3-1/4 rigid loop lamp	 11/16" 2 1/8"

T3-1/4 Xenon Rigid Loop Lamps

Catalog #	Watts	Volts	Clear/Frosted	Rated Lumens	Catalog #	Watts	Volts	Clear/Frosted	Rated Lumens
TL950CL	5	12	Clear	45	TL952CL-24V	5	24	Clear	40
TL950FR	5	12	Frosted	45	TL952FR-24V	5	24	Frosted	40
TL951CL	10	12	Clear	100	TL953CL-24V	10	24	Clear	90
TL951FR	10	12	Frosted	100	TL953FR-24V	10	24	Frosted	90

Festoon Lampholder

Festoon lampholders are ideally suited for linear lighting applications. They have a low profile and produce bright, uniform illumination. The festoon lampholder includes an articulating reflector, enabling more precise aiming of the light. They are compatible with festoon type lamps that are 10W or less and T3-1/4 size or smaller including xenon, LED, etc. The festoon lamp is similar to the rigid loop lamp, though more widely available and offering slightly greater light output. Xenon lamps emit a white light that approximates the color of halogen, but have up to a 20,000-hour lamp life and do not require fixture lenses or special handling.

	Catalog #	Finish	Lamp	Dimensions
	TL212WH TL212BL	White Black	One 12V or 24V, 10W max. T3-1/4 festoon lamp	 1" 3/4" 2"

Xenon T3-1/4 Festoon Lamps

Catalog #	Watts	Volts	Clear/Frosted	Rated Lumens	Catalog #	Watts	Volts	Clear/Frosted	Rated Lumens
TL960CL	5	12	Clear	50	TL964CL-24V	5	24	Clear	50
TL960FR	5	12	Frosted	50	TL964FR-24V	5	24	Frosted	50
TL961CL	10	12	Clear	120	TL965CL-24V	10	24	Clear	120
TL961FR	10	12	Frosted	120	TL965FR-24V	10	24	Frosted	120



Trac 12™ | Linear Lighting Lampholders

LED & Halogen Low-Profile Floods

Low-Profile Floods

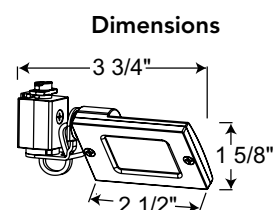
The unique aiming-adjustable low-profile LED or halogen floods produce high light-levels and widespread illumination from a miniature luminaire. They are ideal for task and accent lighting in a variety of confined space situations. They can be placed anywhere along the custom length trac, plus they can be rotated and aimed in any direction, making the Trac 12 LED Mini-Flood or Halogen Flood fixtures a versatile linear lighting choice. They are ideal as a task light where even illumination is critical or they can be used within display cases and cabinets, providing a crisp wash of light over illuminated objects.

LED Mini-Flood

The Trac 12 LED Mini-Flood offers effective flood and task lighting in a low-profile, energy-efficient package. It approximates the lumen output and light distribution of a 20W halogen flood, utilizing less than 25% of the energy and providing a rated life of 50,000 hours. Unlike conventional incandescent light sources, LEDs have no heat and no UV in their beam – this makes them an ideal choice when illuminating heat-sensitive or UV-sensitive objects. Available in 3000K and 4100K color temperatures, the white-light Trac 12 LED Mini-Flood is compatible with standard Trac 12 and Trac 12/25 trac operating with 12V AC transformers approved for use with Juno LED products.



Catalog #	Finish	Watts	Color Temp.	Lumens
TL103LED-3K-WH	White	4	3000K	192
TL103LED-3K-BL	Black			
TL103LED-3K-SL	Silver			
TL103LED-4K-WH	White	4	4100K	217
TL103LED-4K-BL	Black			
TL103LED-4K-SL	Silver			

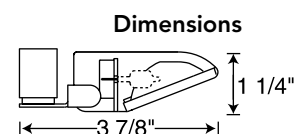


Halogen Flood

The Trac 12 Halogen Flood offers effective flood and task lighting in a low-profile, package. It is compatible with 10W or 20W halogen lamps to suit a variety of applications. The halogen lamp is rated at 2000 hours. The Halogen Flood is compatible with any 12V or 24V Trac 12 and Trac 12/25 12V AC transformers adding to its specification flexibility.



Catalog #	Finish	Lamp
TL103WH	White	12V or 24V
TL103BL	Black	10W-20W T3 halogen bi-pin



T3 Halogen Bi-Pin Lamps

Catalog #	Watts	Volts	Clear/Frosted	Rated Lumens*
TL923	20	12	Clear	307

* Rated Lumens reflects manufacturers published data – see Cabinetry & Cove Lighting Guidelines for Halogen section for actual fixture performance.





Trac 12™ | LED Mini-Spotlights

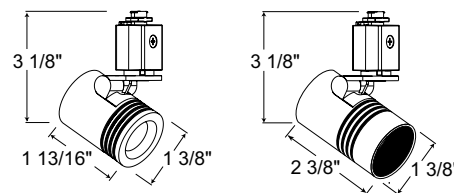
LED Mini-Cylinder Spotlights

LED Mini-Cylinder Spotlights

The Trac 12 LED Mini-Cylinder Spotlights offer effective accent lighting in a miniature, energy-efficient package. They approximate the light output and distribution of 20W MR11 halogen lamps, utilizing approximately 1/3 of the energy and providing more than 10 times the rated life. Unlike halogen light sources, LEDs produce no IR or UV emissions – this makes them an ideal choice when illuminating heat-sensitive or UV-sensitive objects. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light LED Mini-Cylinder Spotlights are compatible with standard Trac 12 systems operating with 12V AC transformers approved for use with Juno LED products. These fixtures can be placed anywhere along the trac, and the trac can be cut-to-length during installation, making the LED Mini-Cylinder Spotlights a versatile accent lighting choice.



Dimensions



Ordering Information

Examples: **TL114G2-2S-WH, TL114G2-35F-BL-S**

Series		Color Temperature		Beam Spread		Finish		Options
TL114G2	-	2		S	-	WH	-	BL
TL114G2 6W LED Mini-Cylinder Spotlight		2 2700K 3 3000K 35 3500K 4 4000K		S Spot N Narrow Flood F Flood		BL Black SL Silver WH White		Blank No Snoot S With Snoot

Accessories

For Fixture:	TL114G2
Snoot - Black	TMC-SNOOT-BL
Snoot - Silver	TMC-SNOOT-SL
Snoot - White	TMC-SNOOT-WH



Trac 12™ | LED Spotlight

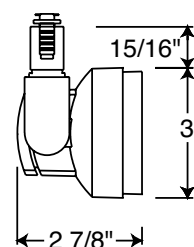
Cylindra™ TL252L

Cylindra™ TL252L

The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. The Trac 12 Cylindra 13W LED spotlight approximates the light output and distribution of 75W MR16 halogen lamps, utilizing less than 1/5 of the energy and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a minimum 80 CRI. An optional high CRI version is available in 2700K or 3000K with a minimum 90 CRI. The white-light Cylindra LED is compatible with standard Trac 12 and Trac 12/25 trac, operating with 12V AC power. The TL252L can be placed anywhere along the Trac, and the trac can be cut-to-length during installation, making it an economical and flexible accent lighting choice. Cylindra's integral, bayonet-mounted accessory holder accommodates one accessory if desired.



Dimensions



Ordering Information

Examples: TL252L-27HC-N-BL, TL252L-3K-S-WH

Series	Color Temperature	Color Rendering Index	Beam Spread	Finish
TL252L	27	HC	N	BL
TL252L 13W Cylindra LED	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	K - 80 CRI Minimum HC ¹ - 90 CRI Minimum ¹ 2700 & 3000K only	S - Spot N - Narrow Flood F - Flood	BL - Black SL - Silver WH - White

Accessories

For Fixture:	TL252L
Color Filters	T741-6
Dichroic Filters	T7401-18
Diffusion Lens	T7420
Uniformity Lens	T7421
UV Filter	T7422
Prismatic Spread Lens	T7477
Linear Spread Lens	T7478
Hexcell Louver	T7459BL
TIR Optic - Spot	TIR-2-SP
TIR Optic - Narrow Flood	TIR-2-NFL
TIR Optic - Flood	TIR-2-FL



Trac 12™ | LED Spotlight

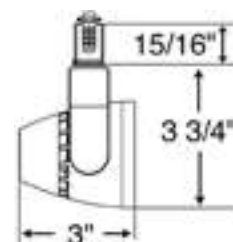
Conix II LED TL261L

Conix II LED TL261L

The sleek sculpted Conix II LED fixture has integral TIR optics which enable uniform spot, flood or narrow flood distributions to be achieved. The 13W TL261L Conix II LED spotlight approximates the light output and distribution of 75W MR16 halogen lamps, utilizing less than 1/5 of the energy and having a rated life of 50,000 hours. The white-light Conix II LED is compatible with standard Trac 12 and Trac 12/25 trac, operating with 12V AC power. Its integral, bayonet-mounted accessory holder accommodates one accessory if desired.



Dimensions



Ordering Information

Examples: TL261L-27HC-N-BL, TL261L-3K-S-WH

Series	Color Temperature	Color Rendering Index	Beam Spread	Finish
TL261L	27	HC	N	BL
TL261L 13W Conix II LED	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	K - 80 CRI Minimum HC ¹ - 90 CRI Minimum ¹ 2700 & 3000K only	S - Spot N - Narrow Flood F - Flood	BL - Black SL - Silver WH - White

Accessories


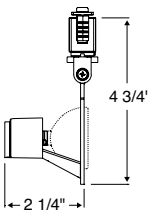

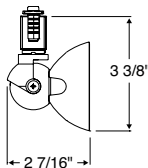

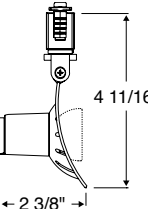

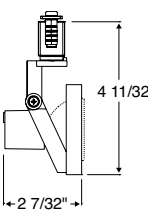

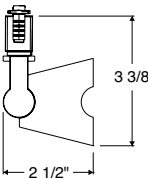
For Fixture:	TL261L
Color Filters	T741-6
Dichroic Filters	T7401-18
Diffusion Lens	T7420
Uniformity Lens	T7421
UV Filter	T7422
Prismatic Spread Lens	T7477
Linear Spread Lens	T7478
Hexcell Louver	T7459BL
TIR Optic - Spot	TIR-2-SP
TIR Optic - Narrow Flood	TIR-2-NFL
TIR Optic - Flood	TIR-2-FL

Trac 12 | Low Voltage

MR16 LED-Compatible Lampholders

TL1016, TL1040, TL1041, TL1042 and TL1043

These low voltage fixtures offer both mechanical and electrical compatibility with most MR16 LED lamps (by others). Constructed with open or semi-open designs, this series provides for improved airflow around the lamp, leading to better cooling and optimized LED lamp life. They may also be used with MR16 halogen lamps with integral cover glass. Versions are available with either a horizontal or vertical transformer housing. The horizontal version has an integral transformer housing which is centered above the lampholder, offering a new and unique aesthetic in a small, close-to-the-trac fixture footprint. The vertical version minimizes the fixture footprint and displaces the lampholder away from the trac, making it ideal for installation in ceiling channels.

 Gimbal16	Catalog #	Finish	Lamp	Dimensions
	TL1016WH	White	12V or 24V, 50W max. MR16CG Cover Glass	 4 3/4" 2 1/4"
	TL1016BL	Black	12V or 24V, 50W max. MR16CG Cover Glass	
	TL1016SL	Silver	12V or 24V, 50W max. MR16CG Cover Glass	
 Lily16	Catalog #	Finish	Lamp	Dimensions
	TL1040WH	White	12V or 24V, 50W max. MR16CG Cover Glass	 3 3/8" 2 7/16"
	TL1040BL	Black	12V or 24V, 50W max. MR16CG Cover Glass	
	TL1040SL	Silver	12V or 24V, 50W max. MR16CG Cover Glass	
 Arc16	Catalog #	Finish	Lamp	Dimensions
	TL1041WH	White	12V or 24V, 50W max. MR16CG Cover Glass	 4 11/16" 2 3/8"
	TL1041BL	Black	12V or 24V, 50W max. MR16CG Cover Glass	
	TL1041SL	Silver	12V or 24V, 50W max. MR16CG Cover Glass	
 Concricity16	Catalog #	Finish	Lamp	Dimensions
	TL1042WH	White	12V or 24V, 50W max. MR16CG Cover Glass	 4 11/32" 2 7/32"
	TL1042BL	Black	12V or 24V, 50W max. MR16CG Cover Glass	
	TL1042SL	Silver	12V or 24V, 50W max. MR16CG Cover Glass	
 Cone16	Catalog #	Finish	Lamp	Dimensions
	TL1043WH	White	12V or 24V, 50W max. MR16CG Cover Glass	 3 3/8" 2 1/2"
	TL1043BL	Black	12V or 24V, 50W max. MR16CG Cover Glass	
	TL1043SL	Silver	12V or 24V, 50W max. MR16CG Cover Glass	

Mini Gimbal Ring

With a minimal 2 1/2" displacement from the trac, the MR11 Mini Gimbal Ring is the clear choice for spotlighting in confined spaces such as cabinetry, casework or displays.



Catalog

TL110WH
TL110BL

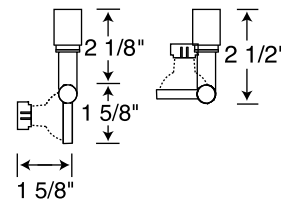
Finish

White
Black

Lamp

12V or 24V
35W max. MR11

Dimensions



Suspended Cylinder

The MR11 Suspended Cylinder series provides an enclosed lamp option for miniature display lighting.



Catalog

TL112WH
TL112BL
TL112SC

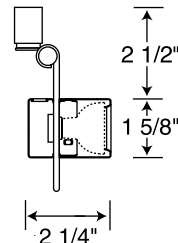
Finish

White
Black
Satin Chrome

Lamp

12V or 24V
20W max. MR11

Dimensions



Accessories

For Fixtures:

TL110, TL112

Hexcell Louver

T5558BL

Mamba®

The Mamba is a strikingly original, front loading gimbal ring design. Gracefully curved and tapered elements flow into a gimbal ring that appears to float, while the gently scooped socket housing reinforces a concave/convex theme. Mamba for Trac 12 low voltage is designed to use 50W MR16CG halogen lamps with integral cover glass.



Catalog

TL155WH
TL155BL
TL155SL

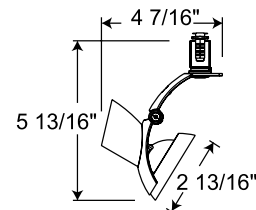
Finish

White
Black
Silver

Lamp

12V or 24V 50W max.
MR16CG Cover Glass

Dimensions



Facet®

Sweeping lines, arresting angles, and a brilliant lack of symmetry result in a totally unexpected design. Concealed wiring completes the ultra-clean appearance. Facet for Trac 12 low voltage is designed to use with 50W MR16 halogen lamps. A dual accessory media cartridge is standard on this fixture.



Catalog

TL150WH
TL150BL
TL150SL

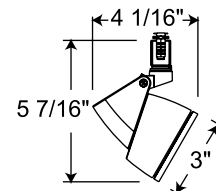
Finish

White
Black
Silver

Lamp

12V or 24V 50W max. MR16

Dimensions



Cubix®

The Cubix is a study of the visual relationship between two different geometric forms: the ring and the cube. In this design, the stem becomes a central element, forming a pleasant visual extension of the cube form. Concealed wiring offers an ultra-clean appearance. Cubix for Trac 12 is designed to use 50W MR16 halogen lamps. A dual accessory media cartridge is standard on this fixture.



Catalog

TL190WH
TL190BL
TL190SL

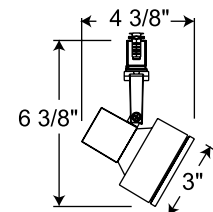
Finish

White
Black
Silver

Lamp

12V or 24V 50W max. MR16

Dimensions



Accessories

For Fixtures:

TL150, TL190

Color Filters	T741-6	UV Filter	T7422
Dichroic Filters	T7401-18	Prismatic Spread Lens	T7477
Diffusion Lens	T7420	Linear Spread Lens	T7478
Uniformity Lens	T7421	Hexcell Louver	T7459BL

Cylindra™

Applying a new twist to a traditional design, Cylindra Series offers a unique, contemporary aesthetic based on a step cylinder fixture platform. Gentle arcs elegantly blend with bold edges to provide a unique yet timeless visual appeal. The Cylindra Trac 12 low voltage is designed to use 50W MR16 halogen lamps. Each Cylindra fixture is supplied with an integral bayonet-mount media cartridge that is designed to simultaneously accept up to two light control accessories.



Catalog

TL141WH
TL141BL
TL141SL

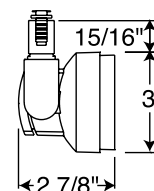
Finish

White
Black
Silver

Lamp

12V or 24V 50W max. MR16

Dimensions



Conix®

The stylish Conix, featuring Juno's proprietary wishbone yoke design, possesses a fully enclosed lamp housing and can rotate more than 360° to eliminate aiming dead spots. The Conix Trac 12 low voltage is designed to use 50W MR16 halogen lamps. Each fixture includes an integral snoot that is designed to simultaneously accept up to two light control accessories.



Catalog

TL106WH
TL106BL

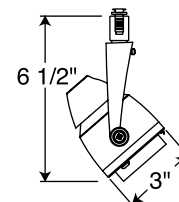
Finish

White
Black

Lamp

12V or 24V 50W max. MR16

Dimensions



Slant Cylinder

A simple, solid form, this unique stepped cylinder adds a subtle hint of design into applications that call for a fully enclosed lamp.



Catalog

TL109WH
TL109BL

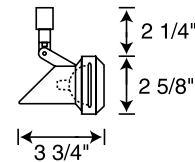
Finish

White
Black

Lamp

12V or 24V
50W max. MR16

Dimensions



Accessories

For Fixtures:	TL106	TL109	TL141
Color Filters	T551-6	T551-6	T741-6
Dichroic Filters	T5501-18	T5501-18	T7401-18
Diffusion Lens	T5520	T5520	T7420
Uniformity Lens	T5521	T5521	T7421
UV Filter	T5522	T5522	T7422
Prismatic Spread Lens	T557	T557	T7477
Linear Spread Lens	T559	T559	T7478
Hexcell Louver	T5559BL	T5559BL	T7459BL
Black Snoot	—	T558BL	—
Black Eyebrow	—	T556BL	—
Black Barn Doors	—	T74BL	—

Delta 200 Series®

An angular, die cast fixture body and rod-supported lamp bezel create a semi-exposed, technical appearance. For special effects, an optional louver or color filter can be substituted for the clear glass lens that is smartly contained in the rod-supported front bezel.



Catalog #	Finish	Lamp	Dimensions
TL116WH	White	12V or 24V	
TL116BL	Black	50W max. MR16	
TL116SL	Silver		

Catalog #	Finish	Lamp	Dimensions
TLP116WH	White	12V or 24V	
TLP116BL	Black	50W max. MR16	
TLP116SL	Silver		

Flyback

Uniquely angled back from the trac at 45 degrees, Flyback fixtures add visual energy into a space.



Catalog #	Finish	Lamp	Dimensions
TL117WH	White	12V or 24V	
TL117BL	Black	50W max. MR16CG Cover Glass	

Studio II

The Studio II series adds a contemporary miniaturized stage and studio flavor into an environment.



Catalog #	Finish	Lamp	Dimensions
TL191WH	White	12V or 24V	
TL191BL	Black	50W max. MR16	
TL191SL	Silver		

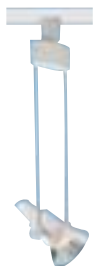
Accessories

For Fixtures:	TL116, TLP116	TL117	TL191
Accessory Holder	—	T7400BL, SA	—
Color Filters	T551-6	T741-6*	T551-6
Dichroic Filters	T5501-18	T7401-18*	T5501-18
Diffusion Lens	T5520	T7420*	T5520
Uniformity Lens	T5521	T7421*	T5521
UV Filter	T5522	T7422*	T5522
Prismatic Spread Lens	T557	T7477*	T557
Linear Spread Lens	T559	T7478*	T559
Hexcell Louver	T5559BL	T7459BL*	T5559BL
Black Snoot	T558BL	—	—
Black Barn Doors	T74BL	—	—

* Filters, lenses, and louvers require Accessory Holder for installation.
Use of light control accessories negates the need for MR16 cover glass lamp.

Trapezia™

The Trapezia series suspends the MR16 lamp down from the trac with the grace of a trapeze artist. Slender 9-inch nominal length tubes conceal supply wires feeding into an elegantly sculpted die cast lamp housing. The light airy appearance is great for display, exhibition and gallery lighting and the downward reach can make pendant mounting of trac unnecessary.

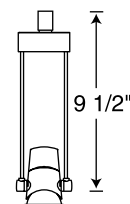


Catalog #
TL130-9-WH

Finish
White

Lamp
12V or 24V

Dimensions



Gyrus™

A new spin on a classic design, the Gyrus series combines dramatic aerodynamic styling with an integral accessory holder that accepts up to two standard 2" diameter lenses or louver. The snap-on design makes this an easy to accessorize fixture for more demanding display lighting applications.

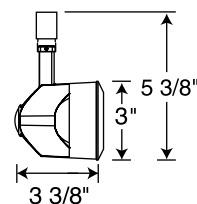


Catalog #
TL140WH
TL140BL
TL140SL

Finish
White
Black
Silver

Lamp
12V or 24V
50W max. MR16

Dimensions



Universal

Use the minimalist Universal for a do everything basic lampholder.

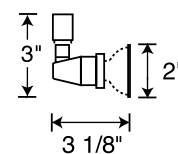


Catalog #
TL301WH
TL301BL
TL301SL

Finish
White
Black
Silver

Lamp
12V or 24V
50W max. MR16CG
Cover Glass

Dimensions



Accessories

For Fixtures:	TL130-9	TL140	TL301
Accessory Holder	T7400BL, SA	—	T7400BL, SA
Color Filters	T741-6*	T741-6	T741-6*
Dichroic Filters	T7401-18*	T7401-18	T7401-18*
Diffusion Lens	T7420*	T7420	T7420*
Uniformity Lens	T7421*	T7421	T7421*
UV Filter	T7422*	T7422	T7422*
Prismatic Spread Lens	T7477*	T7477	T7477*
Linear Spread Lens	T7478*	T7478	T7478*
Hexcell Louver	T7459BL*	T7459BL	T7459BL*
Barn Doors	T7470BL*	—	T7470BL*

* Filters, lenses, louvers and barn doors require Accessory Holder for installation.

Use of light control accessories (except T7470BL Barn Doors) negates the need for MR16 cover glass lamp.

Notch Back

The rectangular back of this contemporary design offers visual lines that parallel the trac itself.



Catalog

TL143WH
TL143BL

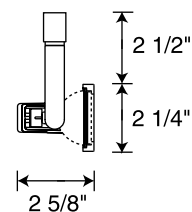
Finish

White
Black

Lamp

12V or 24V
50W max. MR16

Dimensions



Gimbal Rings

Choose the basic single yoke or the more elegant sculpted dual yoke design.



Catalog

TL196WH
TL196BL

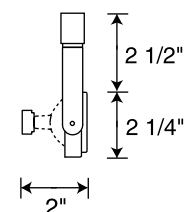
Finish

White
Black

Lamp

12V or 24V
50W max. MR16

Dimensions



Catalog

TL296WH
TL296BL
TL296SC

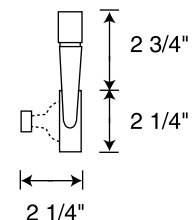
Finish

White
Black
Satin Chrome

Lamp

12V or 24V
50W max. MR16

Dimensions



Accessories

For Fixtures: TL143, TL196, TL296

Color Filters	T551-6
Dichroic Filters	T5501-18
Diffusion Lens	T5520
Uniformity Lens	T5521
UV Filter	T5522
Prismatic Spread Lens	T557
Linear Spread Lens	T559
Hexcell Louver	T5559BL

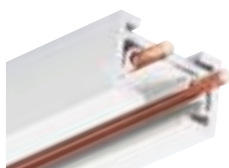


Trac 12/25 Low Voltage Trac System

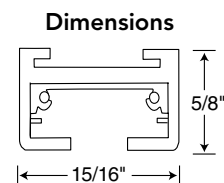
The Trac 12/25 system combines the 25-amp capacity of 10 gauge conductors with a miniature rigid profile that can be surface mounted or pendant suspended. The system operates using remotely located 12-volt or 24-volt transformers. A maximum of 300 watts (12 volts) or 600 watts (24 volts) can be placed per circuit of trac.

Key Features

- 10 gauge solid copper conductors with 25-amp capacity
- Rigid aluminum miniature 5/8" H x 15/16" W profile
- Accepts all standard Trac 12™ lampholders
- Can be surface or pendant mounted
- Can be cut to length by installer



Catalog #	Finish	Description
TLR2WH	White	2' trac (actual length 20 5/8")
TLR2BL	Black	
TLR2SL	Silver	
TLR4WH	White	4' trac (actual length 44 5/8")
TLR4BL	Black	
TLR4SL	Silver	
TLR6WH	White	6' trac (actual length 68 5/8")
TLR6BL	Black	
TLR6SL	Silver	
TLR8WH	White	8' trac (actual length 92 5/8")
TLR8BL	Black	
TLR8SL	Silver	

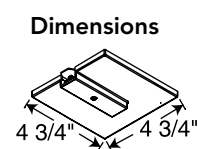


Trac 12/25 Trac Sections include dead-end and mounting hardware

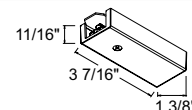
Electrical Feeds and Dead End



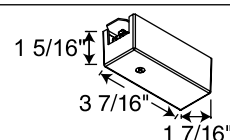
Catalog #	Finish	Description
TLR21WH	White	• Allows trac to be fed via remote transformer from an outlet box
TLR21BL	Black	
TLR21SL	Silver	• Includes terminal block, cover and mounting plate



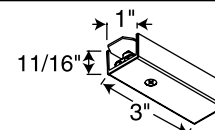
Catalog #	Finish	Description
TLR38WH	White	• Allows trac to be fed via remote transformer from above using standard 1/2" electrical connector
TLR38BL	Black	
TLR38SL	Silver	• Includes terminal block feed connector and cover



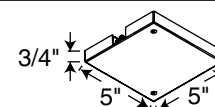
Catalog #	Finish	Description
TLR34WH	White	• Allows trac to be fed via remote transformer with conduit through the end or top using standard 1/2" electrical connector
TLR34BL	Black	
TLR34SL	Silver	• Includes terminal block feed connector, mounting plate and cover



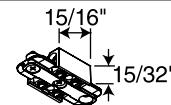
Catalog #	Finish	Description
TLR50WH	White	• Use with TLR90, TLR91 or TLR96 to feed from end of trac
TLR50BL	Black	
TLR50SL	Silver	• Includes terminal block feed connector, mounting plate and cover



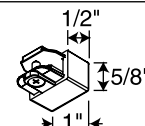
Catalog #	Finish	Description
TLR36WH	White	• Mounts over outlet boxes or on T-Bar ceiling to feed up to four tracs
TLR36BL	Black	
TLR36SL	Silver	• Includes one terminal block connector, mounting plate and cover
		• To feed more than one trac, order additional TLR36TB connectors
		• Requires T-Bar clip (TLR37) for T-bar installation




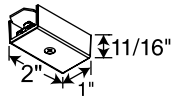
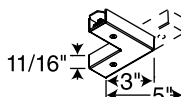

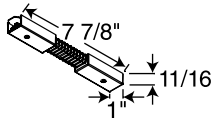
Catalog #	Finish	Description
TLR36TB-WH	White	• For use with TLR36
TLR36TB-BL	Black	




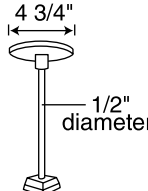
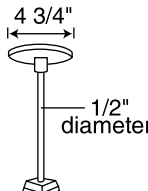
Catalog #	Finish	Description
TLR28WH	White	• Dead end to use on extra field-cut trac sections
TLR28BL	Black	
TLR28SL	Silver	




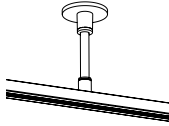
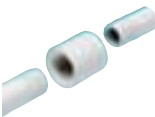




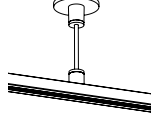

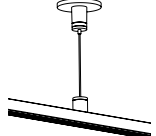

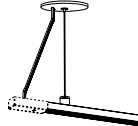
Trac Joiners and T-Bar Attachment Clip

 Miniature Straight Connector	Catalog # TLR23WH TLR23BL TLR23SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Joins two trac sections end-to-end Includes terminal block connector and cover 	Dimensions 
	Catalog # TLR24WH TLR24BL TLR24SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Joins two trac sections to form a 90-degree corner or straight coupling Includes two terminal block connectors, joiner wires and both 90-degree and straight covers 	Dimensions 
 Accordion Adjustable Joiner	Catalog # TLR20WH TLR20BL TLR20SL	Finish White Black Silver	Description <ul style="list-style-type: none"> Joins two trac sections at variable angles to left, right, up or down Includes two terminal block connectors, joiner wires and covers 	Dimensions 
	Catalog # TLR37 TLR37-9-16		Description <ul style="list-style-type: none"> TLR37 T-Bar Clip attaches to 15/16" inverted T-bar ceiling TLR37-9-16 T-Bar Clip attaches to 9/16" inverted T-bar ceiling Both clips are compatible with flush tile or drop tile ceilings Two required for 2' or 4' sections, three required for 6' or 8' sections 	

Pendant Mounting Accessories

 T-Bar Ceiling Pendant Stem Feed & Mechanical Support	Catalog # TLR90-12-WH TLR90-12-BL TLR90-12-SL TLR90-18-WH TLR90-18-BL TLR90-18-SL TLR90-24-WH TLR90-24-BL TLR90-24-SL TLR90-36-WH TLR90-36-BL TLR90-36-SL TLR90-48-WH TLR90-48-BL TLR90-48-SL	Finish White Black Silver White Black Silver White Black Silver White Black Silver White Black Silver	Description <ul style="list-style-type: none"> For pendant mounting Trac 12/25 to 15/16" T-bar ceilings 12", 18", 24", 36", 48" stem lengths Use two for 2', 4' or 6' of trac or three for 8' of trac For electrical feed, order TLR50 Pendant End Feed Connector 	Dimensions 
	Catalog # TLR91-12-WH TLR91-12-BL TLR91-12-SL TLR91-18-WH TLR91-18-BL TLR91-18-SL TLR91-24-WH TLR91-24-BL TLR91-24-SL TLR91-36-WH TLR91-36-BL TLR91-36-SL TLR91-48-WH TLR91-48-BL TLR91-48-SL	Finish White Black Silver White Black Silver White Black Silver White Black Silver White Black Silver	Description <ul style="list-style-type: none"> For pendant mounting Trac 12/25 to rigid ceilings 12", 18", 24", 36", 48" stem lengths Use two for 2', 4' or 6' of trac or three for 8' of trac For electrical feed, order TLR50 Pendant End Feed Connector 	Dimensions 

Pendant Mounting Accessories (cont)

 Pendant Stem Mechanical Support	Catalog #	Finish	Description	
	TLR92-12-WH	White	<ul style="list-style-type: none">For pendant mounting Trac 12/25 to T-bar or rigid ceilings12", 18", 24", 36" 48" stem lengthsUse two for 2', 4', or 6' of trac or three for 8' of tracProvides mechanical support onlyOrder TLR37 or TLR37-9-16 T-Bar Clip to mount on T-bar ceilings	
	TLR92-12-BL	Black		
	TLR92-12-SL	Silver		
	TLR92-18-WH	White		
	TLR92-18-BL	Black		
	TLR92-18-SL	Silver		
	TLR92-24-WH	White		
	TLR92-24-BL	Black		
	TLR92-24-SL	Silver		
	TLR92-36-WH	White		
	TLR92-36-BL	Black		
	TLR92-36-SL	Silver		
	TLR92-48-WH	White		
	TLR92-48-BL	Black		
	TLR92-48-SL	Silver		
 Pendant Stem Coupling	Catalog #	Finish	Description	
	T96WH	White	<ul style="list-style-type: none">Joins pendant stems for use in higher ceiling applications	
	T96BL	Black		
	T96SL	Silver		
 Sloped Ceiling Adapter	Catalog #	Finish	Description	
	T94WH	White	<ul style="list-style-type: none">Permits TLR90, TLR91 and TLR92 Pendant Stems to hang straight from sloped ceilingsAccommodates two 12 gauge solid THHN copper wires at up to a 60° angle20-amp capacity (based on 12 gauge wire)	
	T94BL	Black		
	T94SL	Silver		
 10-24 Threaded Rod Mechanical Support	Catalog #	Finish	Description	
	TLR93WH	White	<ul style="list-style-type: none">Includes mini canopy, 15/16" T-bar clip, toggle bolt and trac attachment hardware only – 10-24 threaded rod by othersUse two for 2', 4', or 6' of trac or three for 8' or trac	
	TLR93BL	Black		
	TLR93SL	Silver		
 Stainless Steel Cable Mechanical Support	Catalog #	Finish	Description	
	TLR95-48-WH	White	<ul style="list-style-type: none">Includes mini-canopy, steel cable, 15/16" T-bar clip, toggle bolt and trac attachment hardware48" or 144" cable lengthsLength is easily field adjustableRecommended for trac patterns only (not recommended for straight runs)Supports should be placed every 3' plus at feed points, at feed points, bend peaks and corners	
	TLR95-48-BL	Black		
	TLR95-48-SL	Silver		
	TLR95-144-WH	White		
	TLR95-144-BL	Black		
TLR95-144-SL	Silver			
 Stainless Steel Cable Feed & Mechanical Support	Catalog #	Finish	Description	
	TLR96-48-WH	White	<ul style="list-style-type: none">Includes full-size feed/support canopy, steel cable, 10 guage stranded tandem feed wire, outlet box strap and trac attachment hardware48" or 144" cable lengthsLength is easily field adjustableRecommended for trac patterns only (not recommended for straight runs)Supports should be placed every 3' plus at feed points, at feed points, bend peaks and cornersTLR50 End Feed Connector required (order separately, see Trac 12/25 Low Voltage Trac System, Electrical Feeds section)	
	TLR96-48-BL	Black		
	TLR96-48-SL	Silver		
	TLR96-144-WH	White		
	TLR96-144-BL	Black		
	TLR96-144-SL	Silver		

Trac 12™ Low Voltage Trac System

The Trac 12 series is the original miniature low voltage system that combines a 20-amp capacity with an extremely miniature engineered plastic profile. The system operates using remotely located or in-line 12-volt or 24-volt transformers. A maximum of 240 watts (12 volts) or 480 watts (24 volts) can be placed per circuit of trac.

Key Features:

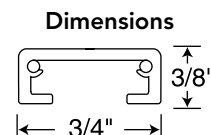
- 12 gauge solid copper conductors with 20-amp capacity
- Engineered thermoplastic ultra-miniature 3/8"H x 3/4"W profile
- Accepts all standard Trac 12 lampholders
- Can be cut to length by installer

Trac 12™ Trac Sections Includes end feed connector, dead end and mounting hardware. End feed connector converts to a straight connector when joining multiple trac sections.

NOTE: When joining trac sections, overall length is 1 7/16" shorter than individual trac section lengths.



Catalog #	Finish	Description
TL2WH	White	2' trac (actual length 20 5/8")
TL2BL	Black	
TL4WH	White	4' trac (actual length 44 5/8")
TL4BL	Black	
TL6WH	White	6' trac (actual length 68 5/8")
TL6BL	Black	
TL8WH	White	8' trac (actual length 92 5/8")
TL8BL	Black	

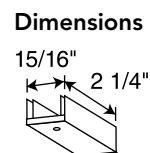


Electrical Feeds



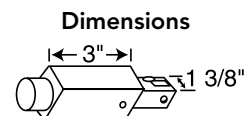
End Feed Connector/
Straight Joiner with
Dead End

Catalog #	Finish	Description
TL38WH	White	• For use with field cut-off trac sections.
TL38BL	Black	• Includes terminal block connector with cover and dead end
		• Terminal block connector also serves as a straight joiner to join two trac sections



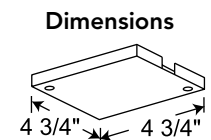
End Feed Connector and
Conduit Feed

Catalog #	Finish	Description
TL34WH	White	• Allows trac to be fed via remote transformer with conduit through the end or top using standard 1/2" electrical connector
TL34BL	Black	• Includes mounting plate, surface conduit adapter and cover


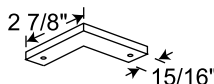
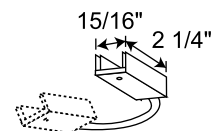


Outlet Box/T-Bar
Ceiling Canopy


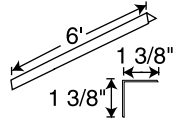
Catalog #	Finish	Description
TL21WH	White	• May be mounted over outlet boxes or on T-bar ceiling runners to feed up to four trac sections via a remote transformer.
TL21BL	Black	• Includes mounting plate and cover with four breakouts.
		• Requires TLR37 or TLR37-9-16 for T-bar ceiling installation



Joiner Connectors

 Right Angle Joiner	Catalog # TL24WH TL24BL	Finish White Black	Description <ul style="list-style-type: none"> Joins two trac sections to form a 90-degree corner. Includes one terminal block connector with cover and joiner wires 	Dimensions 
	Catalog # TL20WH TL20BL	Finish White Black	Description <ul style="list-style-type: none"> Joins two trac sections at variable angles to left, right, up or down. Includes one terminal block connector with cover and 4" flexible joiner cable 	Dimensions 

Mounting Accessories

 T-Bar Attachment Clip	Catalog # TLR37 TLR37-9-16	Finish White Black	Description <ul style="list-style-type: none"> TLR37 T-Bar Clip attaches to 15/16" inverted T-bar ceiling TLR37-9-16 T-Bar Clip attaches to 9/16" inverted T-bar ceiling Both clips are compatible with flush tile or drop tile ceilings Two required for 2' or 4' sections, three required for 6' or 8' sections 	
	Catalog # TL4000WH TL4000BL	Finish White Black	Description <ul style="list-style-type: none"> Conceals trac and linear lampholders 6' length may be field cut to size 1 3/8" x 1 3/8" profile 	Dimensions 

Direct Wire Electronic Transformers

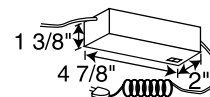


60-Watt Surface Mount Transformer

LED

Catalog #	Finish	Description
TL544U-WH	White	<ul style="list-style-type: none"> 12V-60VA LED-Compatible Surface Mount Transformer Low profile 12 volt electronic transformer Rated for 0-60 watts for LED or incandescent loads 6' three-wire cord set and 4 1/2" leads with mating connector for TL43 monopoint Rocker on/off switch
TL544U-BL	Black	

Dimensions

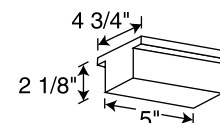


Canopy Transformer

Incandescent

Catalog #	Finish	Description
TL546WH	White	<ul style="list-style-type: none"> Canopy mount electronic 12-volt transformer for loads between 50-150 watts. Incandescent only Mounts over standard 120-volt ceiling outlet boxes and can end-feed one trac section or center feed two trac sections Note: This is not a floating feed and is not suitable for use with Trac 12/25
TL546BL	Black	

Dimensions



LED

Catalog #	Finish	Description
TL566U-100-WH	White	<ul style="list-style-type: none"> 12V-100VA LED-Compatible Canopy Mount Transformer Canopy with 12 volt electronic transformer mounts over 120 volt outlet box to end-feed one trac section or center feed two trac sections Rated for 0-100 watts for LED or incandescent loads Supplied with mounting plate Not designed for use with Trac 12/25 trac
TL566U-100-BL	Black	

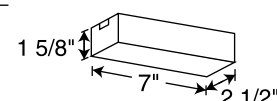


Surface Transformer

Incandescent

Catalog #	Finish	Description
TL547WH	White	<ul style="list-style-type: none"> Low profile electronic 12-volt transformer for loads between 50-150 watts. Incandescent only May be installed in-line with trac (Trac 12 only) or remotely mounted up to 5' away (Trac 12 or Trac 12/25) 120-volt supply can be fed into end or top using standard 1/2" electrical connectors Includes On/Off push button switch
TL547BL	Black	

Dimensions



LED

Catalog #	Finish	Description
TL567U-100-WH	White	<ul style="list-style-type: none"> 12V-100VA LED-Compatible Surface Mount Transformer 12 volt electronic transformer Rated for 0-100 watts for LED or incandescent loads For in-line (Trac 12 trac only) or remote installation up to 5' away (Trac 12 or Trac 12/25) End or top feed supply wiring using 1/2" electrical connectors Includes On/Off push button switch
TL567U-100-BL	Black	

12V Electronic Transformers (LED-Compatible)

Trac 12 LED-compatible electronic driver/transformers are compact and lightweight — and thus ideal for mounting in close proximity to the trac. They are designed for 120-volt input and may be dimmed using a variety of dimmers qualified by Juno for use with a non-resistive LED load. See specification sheet for a list of qualified dimmers. These driver/transformers are recommended for trac run lengths not exceeding 21 feet. TL601E is supplied with 18" jacketed secondary wire; TL602E has an open slot in the housing for Class 2 secondary wires to exit. While specifically designed for use with Trac 12 LED luminaires, these electronic transformers are compatible with all Trac 12 low voltage luminaires including incandescent. Consult factory for other available wattages.



Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TL601E-10-WH TL601E-10-BL	12V/120V	10 watts	1/0.5-10 watts	5 1/2"L x 1 1/2"W x 1"H
TL601E-25-WH TL601E-25-BL	12V/120V	25 watts	1/0.5-25 watts	5 1/2"L x 1 1/2"W x 1"H
TL601E-60-WH TL601E-60-BL	12V/120V	60 watts	1/0.5-60 watts	5 1/2"L x 1 1/2"W x 1"H
TL601E-75-WH TL601E-75-BL	12V/120V	75 watts	1/0.5-75 watts	5 1/2"L x 1 1/2"W x 1"H
TL602E-10-WH TL602E-25-WH TL602E-60-WH	12V/120V 12V/120V 12V/120V	10 watts 25 watts 60 watts	1/0.5-10 watts 1/0.5-25 watts 1/0.5-60 watts	5 1/2"L x 1 1/2"W x 1"H 5 1/2"L x 1 1/2"W x 1"H 5 1/2"L x 1 1/2"W x 1"H

NOTE: TL601E & TL602E transformers are available with a 6-foot cord and plug option. For cord and plug installation, add -CP6 as suffix to catalog number. Example: TL601E-75-BL-CP6.

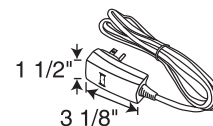
12V Plug-In Electronic Transformers



60-Watt Plug-In Transformer

Incandescent		
Catalog #	Finish	Description
TL548WH TL548BL	White Black	<ul style="list-style-type: none"> Integral plug-in 12-volt transformer for incandescent-only loads up to 60 watts. Supplied with 10' of two-wire cord and On/Off line cord switch.
LED		
Catalog #	Finish	Description
TL548U-WH TL548U-BL	White Black	<ul style="list-style-type: none"> Integral plug-in 12-volt transformer for LED or incandescent loads up to 60 watts. Supplied with 10' of two-wire cord and On/Off line cord switch. May also be used with Trac 12/25 trac.

Dimensions



Remote Mount Magnetic Transformers

Remote Mount Magnetic Transformers are designed to be installed in remote locations such as basements, attics, plenums and electrical closets. The location must be accessible and well ventilated with ambient temperatures below 140°F. 12-volt transformers are typically used for spotlighting applications due to the ready availability of 12-volt MR11 and MR16 lamps. 24-volt transformers double the wattage capacity versus a 12-volt system and are more commonly selected for incandescent linear lighting due to their capacity for longer runs per circuit. These transformers are designed for either 120-volt or 277-volt input, and have premium resettable magnetic circuit breakers, dual-tap standard/boost tap primary input leads to adjust for voltage drop and may be dimmed using dimmers qualified by Juno. See specification sheets for dimming recommendations. Primary and secondary circuits are physically and electrically isolated and grounded. TF Series transformers have terminal block connections while TL Series transformers have wire nut connections. Remote Mount Magnetic Transformers are compatible with all Trac 12 low voltage luminaires including halogen and LED (12V transformers only).



12V Transformers (Trac 12/25 Only – LED or Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TF5300BL	12V/120V	300 watts	1/150-300 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TF5300BL-277	12V/277V	300 watts	1/150-300 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TF5600BL	12V/120V	600 watts	2/150-300 watts	11 3/8"H x 5 3/8"W x 5 1/8"D
TF5600BL-277	12V/277V	600 watts	2/150-300 watts	11 3/8"H x 5 3/8"W x 5 1/8"D

24V Transformers (Trac 12/25 Only – Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TF5600BL-24V	24V/120V	600 watts	1/300-600 watts	11 1/2"H x 5 3/8"W x 5 1/8"D
TF51200BL-24V	24V/120V	1200 watts	2/300-600 watts	12 1/2"H x 6 1/8"W x 5 7/8"D

12V Transformers (Trac 12 & Trac 12/25 – LED or Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TL575-20-BL	12V/120V	20 watts	1/0.5-20 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-20-277-BL	12V/277V	20 watts	1/0.5-20 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-40-BL	12V/120V	40 watts	1/0.5-40 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-40-277-BL	12V/277V	40 watts	1/0.5-40 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-75-BL	12V/120V	75 watts	1/0.5-75 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-75-277-BL	12V/277V	75 watts	1/0.5-75 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL576-10-BL*	12V/120V	10 watts	1/0.5-10 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL576-25-BL*	12V/120V	25 watts	1/0.5-25 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL576-60-BL*	12V/120V	60 watts	1/0.5-60 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TF5150BL	12V/120V	150 watts	1/50-150 watts halogen, 75-150 watts LED	10 3/4"H x 4 3/8"W x 4 1/8"D
TF5150BL-277	12V/277V	150 watts	1/50-150 watts halogen, 75-150 watts LED	10 3/4"H x 4 3/8"W x 4 1/8"D
TL554N-BL	12V/120V	150 watts	1/50-150 watts halogen, 75-150 watts LED	10 3/4"H x 4 3/8"W x 4 1/8"D
TL554N-277-BL	12V/277V	150 watts	1/50-150 watts halogen, 75-150 watts LED	10 3/4"H x 4 3/8"W x 4 1/8"D
TL549N-BL	12V/120V	240 watts	1/120-240 watts	7 7/8"H x 4 3/8"W x 4"D
TL549N-277-BL	12V/277V	240 watts	1/120-240 watts	7 7/8"H x 4 3/8"W x 4"D
TL550N-BL	12V/120V	480 watts	2/120-240 watts	11 3/8"H x 5"W x 5"D
TL550N-277-BL	12V/277V	480 watts	2/120-240 watts	11 3/8"H x 5"W x 5"D

* TL576 is Class 2 rated


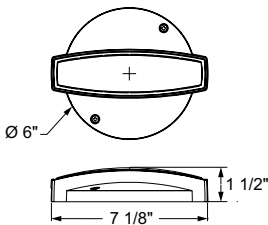

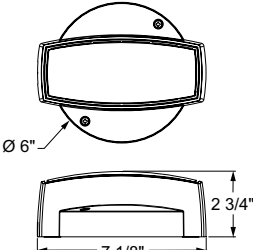
24V Transformers (Trac 12 & Trac 12/25 – Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TL553N-BL-24V	24V/120V	240 watts	1/120-240 watts	8"H x 4 1/4"W x 4"D
TL553N-277-BL-24V	24V/277V	240 watts	1/120-240 watts	8"H x 4 1/4"W x 4"D
TL551N-BL-24V	24V/120V	480 watts	1/240-480 watts	11 3/8"H x 5"W x 4 7/8"D
TL551N-277-BL-24V	24V/277V	480 watts	1/240-480 watts	11 3/8"H x 5"W x 4 7/8"D
TL552N-BL-24V	24V/120V	960 watts	2/240-480 watts	12 1/2"H x 6 1/8"W x 5 7/8"D
TL552N-277-BL-24V	24V/277V	960 watts	2/240-480 watts	12 1/2"H x 6 1/8"W x 5 7/8"D

NOTE: 120V magnetic transformers are available with a 6-foot cord and plug option. For cord and plug installation, add -CP6 as suffix to catalog number.
Examples: TF5150BL-CP6, TL550N-BL-CP6.


Trac 12/25 Surface Mount Transformers

TLR60xxx Series 12V LED-Compatible In-Line Feed Surface Mount Transformers are designed to directly power Trac 12/25 trac when surface mounted. Designed to mount over standard 4" ceiling outlet boxes, these compact transformers are available in 60W, 100W or 150W versions in a variety of finishes. All are LED or halogen-compatible and dimmable. The 60W version enables trac to be fed in one or two directions in-line. 100W and 150W versions enable trac to be fed in up to four directions, including in-line, "L", "T" or "X" configurations. Includes one Trac 12/25 feed terminal block (TLR36TB); each additional feed direction requires an additional Trac 12/25 feed terminal block (TLR36TB - order separately). 120VAC input.

	Catalog #	Finish	Output Voltage/ Input Voltage	Total Wattage	Dimensions
 TLR6060	TLR6060WH	White	12V/120V	60 watts	
	TLR6060BL	Black			
	TLR6060SL	Silver			
 TLR60100 / TLR60150	TLR60100WH	White	12V/120V	100 watts	
	TLR60100BL	Black			
	TLR60100SL	Silver			
	TLR60150WH	White	12V/120V	150 watts	
	TLR60150BL	Black			
	TLR60150SL	Silver			


Trac 12/25 Pendant Stem Mount Transformers

TF60xxxS LED-Compatible 12V Surface Mount Transformers are designed to power Trac 12/25 trac when pendant suspended from a ceiling. Transformers are available in 60W, 100W or 150W versions in Black, Silver or White finishes. All are LED or halogen-compatible and dimmable. Pendant Stem Mount TF60xxxS Series is designed to be used with Transformer Pendant Stem Kit (TLRSK-xx) and Pendant End Feed Connector (TLR50) to support/feed one end of a Trac 12/25 trac run. Designed to work in conjunction with other Trac 12/25 pendant stem support components. Designed to mount over standard 4" ceiling outlet boxes, the Trac 12/25 pendant stem mount transformers should be mounted within 5' of trac. 120VAC input.

	Catalog #	Finish	Output Voltage/ Input Voltage	Total Wattage	Dimensions
 <p>Pendant Stem Mount</p>	TF6060S-WH	White	12V/120V	60 watts	1-7/8" H x 5-1/8" W x 7-1/2" L
	TF6060S-BL	Black			
	TF6060S-SL	Silver			
	TF60100S-WH	White	12V/120V	100 watts	1-7/8" H x 5-1/8" W x 7-1/2" L
	TF60100S-BL	Black			
	TF60100S-SL	Silver			
	TF60150S-WH	White	12V/120V	150 watts	1-7/8" H x 5-1/8" W x 7-1/2" L
	TF60150S-BL	Black			
	TF60150S-SL	Silver			



Transformer Pendant Stem Kit

Enables Trac 12/25 to be powered using TF60xxxS Transformer. Includes all necessary hardware to attach TLR50 Pendant Feed End Connector (order separately). Available in Black, Silver or White finishes.

	Catalog #	Finish	Description
	TLRSK-12-WH	White	12" stem length
	TLRSK-12-BL	Black	
	TLRSK-12-SL	Silver	
	TLRSK-18-WH	White	18" stem length
	TLRSK-18-BL	Black	
	TLRSK-18-SL	Silver	
	TLRSK-24-WH	White	24" stem length
	TLRSK-24-BL	Black	
	TLRSK-24-SL	Silver	
	TLRSK-36-WH	White	36" stem length
	TLRSK-36-BL	Black	
	TLRSK-36-SL	Silver	
	TLRSK-48-WH	White	48" stem length
	TLRSK-48-BL	Black	
	TLRSK-48-SL	Silver	


Trac 12/25 Pendant Stem Mount Transformers

TF6150E & TF6300 may be used with a single Pendant Stem (TLR91) and Pendant End Feed Connector (TLR50) to support/feed one end of a Trac 12/25 trac run. They may also be used with a Flexible Feed Kit (TF950) to create a non-rigid floating feed, independent of mechanical support of the trac. The TF6150E Electronic Surface Mount Transformer has automatic resetting overload and short-circuit protection and is dimmable using dimmers designed for use with electronic transformers. The TF6300 Magnetic Toroidal Surface Mount Transformer has a manually resettable circuit breaker. Not compatible with LED luminaires. Designed to mount over standard 4" ceiling outlet boxes, the Trac 12/25 pendant stem mount transformers should be mounted within 5' of trac. 120VAC input.

	Catalog #	Finish	Output Voltage/ Input Voltage	Total Wattage	Dimensions
 Flexible Feed	TF6150E-SL	Silver	12V/120V	150 watts	3"H x 12"Dia.
	TF6300SL	Silver	12V/120V	300 watts	3"H x 12"Dia.
 Single Pendant Stem					


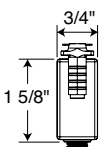
Extension Wands

Trac 12 extension wands allow any Trac 12 fixture to be suspended without having to lower the trac section itself. For use with either Trac 12/25 trac, Trac 12 trac or Monopoints.

	Catalog #	Finish	Overall Length
	TLRW12WH	White	14"
	TLRW12BL	Black	
	TLRW12SL	Silver	
	TLRW18WH	White	20"
	TLRW18BL	Black	
	TLRW18SL	Silver	
	TLRW24WH	White	26"
	TLRW24BL	Black	
	TLRW24SL	Silver	
	TLRW36WH	White	38"
	TLRW36BL	Black	
	TLRW36SL	Silver	
	TLRW48WH	White	50"
	TLRW48BL	Black	
	TLRW48SL	Silver	

Trac 12 Quick Jack Adapter


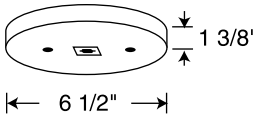

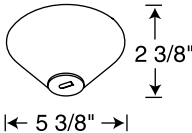

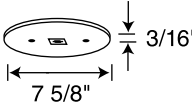
Quick Jack Adapter for Alfa Quick Jack directionals or decorative pendants. For use on Juno's Trac 12 and Trac 12/25 miniature Low Voltage Trac Systems. Rated for fixtures using maximum 50W 12V or 24V lamps.

	Catalog #	Finish	Description	Dimensions
	TLQJAWH TLQJABL TLQJASL	White Black Silver	Trac 12 Adapter for Quick Jack Fixtures and Pendants	


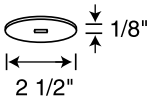
Trac 12™ Monopoints with Integral Transformer

Trac 12 Monopoints increase the versatility of Trac 12 fixtures and decorative pendants, allowing them to be mounted where trac sections may not offer the best aesthetic or functional solution. Each monopoint includes an integral transformer to power one fixture.

Surface Monopoints

 <p>Cylindrical Surface Monopoint with Integral Transformer</p>	Catalog #	Finish	Description	Dimensions
	TL540WH TL540BL TL540SL	White Black Silver	<ul style="list-style-type: none"> Mounts over standard ceiling outlet boxes Includes 12V 50VA electronic transformer Accepts Juno Trac 12 halogen spotlights and decorative pendants 120V input 	
	TL540U-WH TL540U-BL TL540U-SL	White Black Silver	<ul style="list-style-type: none"> Same as above except compatible with both LED & halogen fixtures 	
 <p>Conical Surface Monopoint with Integral Transformer</p>	Catalog #	Finish	Description	Dimensions
	TL541U-WH TL541U-BL TL541U-SL	White Black Silver	<ul style="list-style-type: none"> Mounts over standard ceiling outlet boxes Includes 12V 50VA electronic transformer Accepts Juno Trac 12 LED and halogen spotlights and decorative pendants 120V input 	
 <p>6" Recessed Housing Monopoint Adapter Trim</p>	TL539WH	White	<ul style="list-style-type: none"> Includes 50VA 12-volt electronic transformer and screw in socket adapter Mounts directly to all Juno 6" universal recessed incandescent housings Accepts Juno Trac 12 halogen spotlights and decorative pendants 	


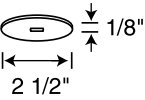

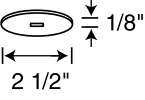

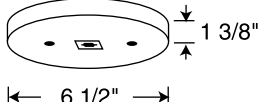
Recessed Monopoints

 <p>Recessed Monopoint, New Construction & Remodel</p>	Catalog #	Finish	Description	Dimensions
	TL644WH TL644BL TL644SL	White Black Silver	<ul style="list-style-type: none"> For new construction or remodel installation Installs from below the ceiling or wall surface, in 2 x 6 construction up to 3/4" max. surface thickness Includes 12V 50VA electronic transformer Includes TC rated recessed wiring compartment with universal electrical connector which accepts 3/8" flexible conduit or non-metallic sheathed cable (Type NM) Recessed section is 3" high and 8" long. No visible mounting screws Accepts one Juno Trac 12 LED or halogen spotlight or pendant up to 60W max. 	

Trac 12™ Remote Powered Monopoints









Trac 12 Monopoints increase the versatility of Trac 12 fixtures and decorative pendants, allowing them to be mounted where trac sections may not offer the best aesthetic or functional solution. Each monopoint must be connected to a remote transformer to power one fixture.

Remote Powered Monopoints

 <p>Mini-Monopoint for Remote Transformer</p>	Catalog # TL44WH TL44BL TL44SL	Finish White Black Silver	Description <ul style="list-style-type: none"> • For new construction or remodel installation • Installs from below the ceiling or wall surface, in 2 x 6 construction up to 3/4" max. surface thickness • Includes IC rated recessed wiring compartment with universal electrical connector which accepts 3/8" flexible conduit or non-metallic sheathed cable (Type NM) • Recessed section is 3" high and 8" long • No visible mounting screws • Accepts one Juno Trac 12 LED or halogen spotlight or pendant up to 60W max. 	Dimensions 
 <p>Mini-Monopoint for Remote Transformer</p>	Catalog # TL43WH TL43BL TL43SL	Finish White Black Silver	Description <ul style="list-style-type: none"> • Mounts directly into ceiling, wall or cabinet surfaces with no visible mounting screws • Includes mounting retaining spring and 50" of wire with mating connector to TL544 transformer (ordered separately) • Accepts Juno Trac 12 spotlights and decorative pendants 	Dimensions 
 <p>Monopoint for Remote Transformer</p>	Catalog # TL40WH TL40BL TL40SL	Finish White Black Silver	Description <ul style="list-style-type: none"> • Mounts over standard ceiling outlet boxes supplied with 12 or 24 volts from a remote transformer • Accepts Juno Trac 12 spotlights and decorative pendants 	Dimensions 

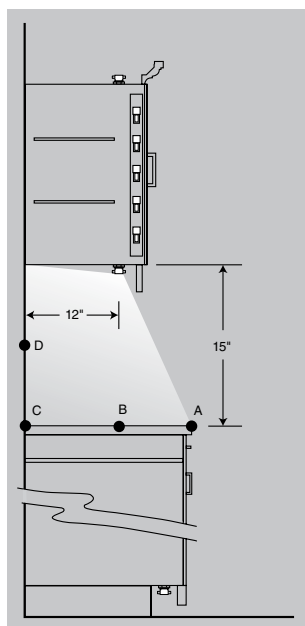
Light Control Accessories

The Juno complete range of light control accessories enable the designer to custom tailor effects.

Accessory Holders		1 3/4" DIA.	COMPATIBLE WITH	2" DIA.	COMPATIBLE WITH	
	Required for listed fixtures. Accepts one filter, lens, and louver except where noted.			T7400BL T7400SA Accepts up to 2 accessories	TL117, TL130, TL301	
Light Control Lenses						
	These alter the light distribution of a given lamp, enlarging or elongating it, softening the beam edge or removing striations.	Uniformity Lens (Solite™)	T5521	TL106*, TL109, TL116, TL143, TL191, TL196, TL296, TLP116	T7421 T7420 T7477 T7478 TL140*, TL141*, TL150*, TL190*, TL252L, TL261L and fixtures with T7400 Accessory Holder	
		Diffusion Lens	T5520			
		Prismatic Spread Lens	T557			
		Linear Spread Lens	T559			
UV Filters						
	These museum quality lenses filter out ultraviolet radiation below 400 nanometers to protect fade sensitive art and objects.		T5522	TL106*, TL109, TL116, TL143, TL191, TL196, TL296, TLP116	T7422	
Dichroic Color Correction Filters						
	Color Correction Filters correct the light, either to warm it up to approximate incandescent, or cool it down to approximate daylight.	Halogen-to-Incandescent, 2700K	T5518		T7418	
		Halogen-to-Daylight, 4250K	T5516		T7416	
Color Filters		Colored Glass Filters				
	Color Filters change white light into colored light and are available in colored glass and more efficient/saturated dichroic filters.	Medium Pink	T551		T741	
		Warm Red	T552		T742	
		Daylight Blue	T553N		T743	
		Medium Blue	T554N		T744	
		Medium Amber	T555		T745	
		Medium Green	T556		T746	
		Dichroic Glass Filters				
		Red	T5501		T7401	
		Medium Green	T5503		T7403	
		Medium Blue	T5504		T7404	
		Yellow	T5505		T7405	
		Magenta	T5506		T7406	
		Blue-Green (Cyan)	T5511		T7411	
Louvers						
	Hexcell louvers reduce perceived fixture brightness.	Hexcell Louvers	T5559BL	TL106*, TL109, TL116, TL143, TL191, TL196, TL296, TLP116	T7459BL	
Snoots and Eyebrows						
	Snoots and Eyebrows extend lamp shielding and can reduce spill light in the edge of a beam pattern.	Snoots	T558BL	TL109, TL116, TLP116		
		Eyebrows	T556BL	TL109		
Barn Doors						
	Barn Doors create a theatrical look and allow control of the spill light coming off of a lamp.	Barn Doors	T74BL	TL109, TL116, TLP116	T7470BL Fixtures with T7400 Accessory Holder	

*Simultaneously accepts any combination of up to two filters, lenses or louver.

Cabinetry Lighting Guidelines (LED)



Over Cabinets Trac 12, using modules spaced 6" on-center or TL103LED fixtures spaced 12" on-center, generally provides excellent indirect lighting. For lower-level mood lighting, closer module spacing and dimming is recommended. Placing the fixture at the front edge of the cabinet top will project light into the space and illuminate any displayed objects. Locate top of lamp even with top edge of cove molding to prevent a harsh shadow line.

Inside Cabinets Running Trac 12 vertically on the front inside of cabinets avoids the need to put trac on each shelf. Placing modules 4" - 6" on-center generally provide adequate lighting inside a cabinet.

Under Cabinets Placing Juno Trac 12 at the front lip of the cabinet conceals the fixture from view, minimizes veiling reflections, and provides maximum light on the working area of the countertop.

Footcandles on Horizontal Work Surface*

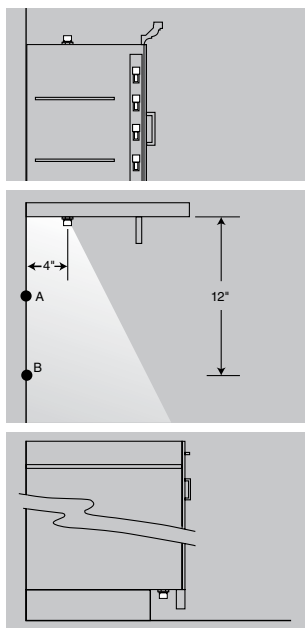
Catalog Number	Color Temperature	On-Center Spacing	A	B	Footcandles* C	D
TL214LED-27K-WVD	2700K - 1800K	3"	27	72	41	34
TL214LEDX1-22K	2200K	3"	12	33	19	16
TL214LEDX2-22K	2200K	3"	24	65	39	31
TL214LEDX3-22K	2200K	3"	36	96	56	45
TL214LEDX1-22K	2200K	4"	9	25	15	12
TL214LEDX2-22K	2200K	4"	18	49	30	24
TL214LEDX3-22K	2200K	4"	27	72	42	34
TL214LED-27K	2700K	3"	49	127	73	63
TL214LED-3K	3000K	3"	50	134	78	63
TL214LED-35K	3500K	3"	53	139	82	66
TL214LED-4K	4000K	3"	55	147	86	69
TL214LED-27K	2700K	4"	37	95	55	47
TL214LED-3K	3000K	4"	38	100	58	47
TL214LED-35K	3500K	4"	40	105	62	50
TL214LED-4K	4000K	4"	42	111	65	52
TL103LED-3K	3000K	12"	31	78	48	38
TL103LED-4K	4100K	12"	36	89	55	44

* Data shown is for operation at 12-volts. For operation at 11.5-volts, multiply by 0.94.

Kick Spaces TL214LEDX1 modules spaced 4" on-center generally provides adequate kick space lighting. Wider spacings can be used when the distance from the trac to the floor is greater than 4" or when even illumination is not required.

NOTE: Shiny flooring may cause lamp image reflections.

Color LED Accent Lighting Guidelines



Over Cabinets Installing TL214LED color modules, spaced 3-4" on-center, generally provides excellent mood lighting and color saturation uniformity. Placing the fixture at the front edge of the cabinet top will project light into the space. Locate top of module even with top edge of cove molding to prevent a harsh shadow line on the ceiling.

Inside Cabinets Running Trac 12 vertically on the front inside of cabinets avoids the need to put trac on each shelf. TL214LED color modules, space 4" on-center, generally provide adequate lighting inside a cabinet. Refer to TL214LEDX module specification sheets (D3.2.13, D3.2.16) for white-light inside cabinet lighting guidelines.

Under Counters/Shelves Placing Juno Trac 12 approximately 4" from the back of the shelf/counter conceals the fixture from view and typically maximizes the wash of color on the rear surface without noticeable hotspots.

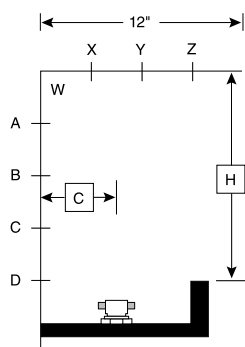
Footcandles on Vertical Surface*

Catalog Number	Color Temperature	On-Center Spacing	A	Footcandles* B
TL214LED-BLUE	Blue	2"	62	22
TL214LED-GREEN	Green	2"	66	23
TL214LED-RED	Red	2"	41	14
TL214LED-BLUE	Blue	4"	35	13
TL214LED-GREEN	Green	4"	34	12
TL214LED-RED	Red	4"	21	7

* Data shown is for operation at 12-volts. For operation at 11.5-volts, multiply by 0.94.

Kick Spaces TL214LED color modules spaced 4" on-center generally provides adequate kick space accent lighting. Wider spacings can be used when the distance from the trac to the floor is greater than 4" or when perfectly uniform illumination is not required.

Cove Lighting (LED)



Placement Guidelines

1. For uniform illumination, o.c. lamp spacing must be equal to or less than lamp spacing from wall "C"

Footcandles on Vertical and Horizontal Planes*

Catalog Number	Lamp Spacing From Wall [C]	O.C. Lamp Spacing	Cove Height [H]	Footcandles on Vert. Plane (Wall)				Footcandles on Horiz. Plane (Ceiling)			
				A	B	C	D	W	X	Y	Z
TL214LED-27K-WD	3"	3"	6"	143	164	159	119	206	243	174	101
	3"	3"	9"	84	108	141	95	149	160	132	90
	3"	3"	12"	54	71	120	87	110	116	103	79
	4"	4"	6"	104	107	95	75	130	177	151	90
	4"	4"	9"	67	79	82	56	103	118	107	78
TL214LEDX1-22K	4"	4"	12"	45	58	76	48	80	88	82	65
	3"	3"	6"	68	78	76	57	98	116	83	48
	3"	3"	9"	40	52	68	45	71	76	63	43
	3"	3"	12"	25	34	58	41	53	55	49	37
	4"	4"	6"	50	51	45	36	62	84	72	43
TL214LEDX2-22K	4"	4"	9"	32	37	39	27	49	56	51	37
	4"	4"	12"	22	27	36	23	38	42	39	31
	3"	3"	6"	134	153	149	112	193	228	163	95
	3"	3"	9"	79	101	132	89	140	150	124	84
	3"	3"	12"	50	67	112	81	103	109	96	74
TL214LED-3K, TL214LED-35K ¹	4"	4"	6"	98	100	89	71	122	166	142	84
	4"	4"	9"	63	74	77	53	96	111	100	73
	4"	4"	12"	42	54	71	45	75	83	77	61
	4"	4"	6"	200	204	181	143	248	337	288	171
	4"	4"	9"	128	150	156	107	196	225	204	148
TL214LED-BLUE	4"	4"	12"	87	110	145	92	153	168	156	125
	5"	5"	6"	148	143	124	105	167	245	255	160
	5"	5"	9"	103	113	107	75	141	171	169	129
	5"	5"	12"	72	88	99	63	114	129	125	105
	3"	3"	6"	78	90	87	65	112	132	94	55
TL214LED-GREEN	3"	3"	9"	46	59	77	52	81	87	72	49
	3"	3"	12"	29	39	66	47	60	63	56	43
	4"	4"	6"	57	58	52	41	71	96	82	49
	4"	4"	9"	37	43	44	30	56	64	58	43
	4"	4"	12"	25	31	41	26	44	48	44	35
TL214LED-RED	3"	3"	6"	98	113	110	82	141	167	119	69
	3"	3"	9"	58	75	97	65	103	110	91	62
	3"	3"	12"	36	49	83	59	76	80	70	54
	4"	4"	6"	71	74	65	52	89	121	104	62
	4"	4"	9"	74	54	56	38	70	81	74	54
TL214LED-RED	4"	4"	12"	31	39	52	33	55	60	56	45
	3"	3"	6"	61	70	68	51	87	104	74	43
	3"	3"	9"	36	46	60	41	64	68	57	39
	3"	3"	12"	23	30	51	37	47	50	44	33
	4"	4"	6"	44	46	41	32	55	75	64	39
TL214LED-RED	4"	4"	9"	29	33	35	24	44	50	46	33
	4"	4"	12"	19	24	32	21	34	37	35	28

¹ Data shown is for 3000K/3500K. For 2200K modules, use 0.72 multiplier; for 2700K modules, use 0.97 multiplier; for 4000K modules, use 1.02 multiplier.

Lumens per Foot*

Catalog Number	2"	3"	Lamp Spacing 4"	6"	12"
TL214LED-27K-WD	258	172	129	86	—
TL214LEDX1-22K	120	80	60	40	—
TL214LEDX2-22K	240	160	120	80	—
TL214LEDX3-22K	332	224	168	112	—
TL214LED-27K	456	304	228	152	—
TL214LED-3K	470	313	235	157	—
TL214LED-35K	472	315	236	157	—
TL214LED-4K	478	319	239	159	—
TL103LED-3K	—	—	576	384	192
TL103LED-4K	—	—	651	434	217
TL214LED-BLUE	138	92	69	46	—
TL214LED-GREEN	174	116	87	58	—
TL214LED-RED	108	72	54	36	—

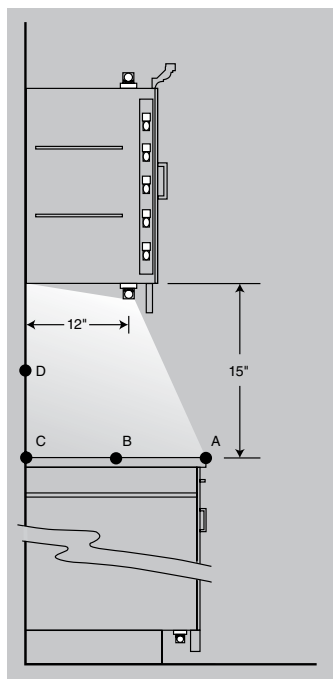
* Data shown is for operation at 12-volts. For operation at 11.5-volts multiply by 0.94.

** Based on 20% maximum light output decrease between first and last fixture on trac due to voltage drop; to utilize full capacity of trac and transformers, individual transformer circuits may have to feed multiple runs using separate feed points.

Maximum Trac Run Length**

Catalog Number		2"	3"	Lamp Spacing 4"	6"	12"
TL214LED-27K-WD	Electronic	9'	12'	13'	16'	—
	Magnetic	24'	30'	32'	42'	—
TL214LEDX1-22K	Electronic	14'	17'	19'	24'	—
	Magnetic	38'	47'	54'	65'	—
TL214LEDX2-22K	Electronic	10'	11'	13'	15'	—
	Magnetic	30'	36'	44'	52'	—
TL214LEDX3-22K	Electronic	9'	12'	13'	16'	—
	Magnetic	24'	30'	32'	42'	—
TL214LED-27K, TL214LED-3K, TL214LED-35K, TL214LED-4K	Electronic	—	—	5'	8'	8'
	Magnetic	—	—	18'	27'	35'
TL214LED-GREEN	Electronic	14'	17'	19'	24'	—
	Magnetic	38'	47'	54'	65'	—
TL214LED-BLUE, TL214LED-RED	Electronic	10'	11'	13'	15'	—
	Magnetic	30'	36'	44'	52'	—

Cabinetry Lighting Guidelines (Xenon & Halogen)



Over Cabinets The Trac 12™ system, using 10-watt lamps spaced 6" on center, generally provides excellent indirect lighting. For lower-level mood lighting, use 3-watt or 5-watt lamps with slightly closer spacing. Placing the fixture at the front edge of the cabinet top will project light into the space and illuminate any displayed objects. Locate top of lamp even with top edge of cove molding to prevent a harsh shadow line

Inside Cabinets Running the Trac 12 system vertical on the front inside of cabinets avoids the need to put trac on each shelf. 3-watt Xenon lamps 3" on center will generally provide adequate lighting inside a cabinet.

Under Cabinets Placing the Juno Trac 12 system at the front lip of the cabinet conceals the fixture from view, minimizes veiling reflections, and provides maximum light on the working area of the countertop.

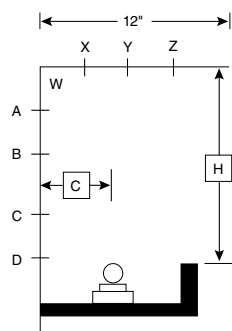
Footcandles on Horizontal Work Surface

Lamp Type	Catalog Number	Number of Lamps	Volts/ Watts	On-Center Spacing	A	Footcandles B	C	D
Xenon Wedge Base	TL201	1	12V/5W	3"	10	31	20	22
		1	12V/10W	6"	12	36	23	25
	TL202	2	12V/5W	6"	10	29	18	20
		2	12V/10W	12"	12	36	23	25
Xenon Rigid Loop	TL211	1	12V/5W	3"	14	42	27	30
		1	12V/10W	6"	14	43	28	30
Xenon Festoon	TL212	1	12V/5W	3"	16	47	30	33
		1	12V/10W	6"	16	48	31	33
Halogen Bi-Pin	TL103	1	12V/20W	12"	16	66	56	60

Kick Spaces 3-watt Xenon lamps spaced on 4" centers provide adequate kick space lighting. Wider spacings can be used when the distance from trac to floor is greater than 4" or when even illumination is not required.

NOTE: Shiny flooring may cause lamp image reflections.

Cove Lighting (Xenon & Halogen)



Placement Guidelines
1. For uniform illumination, o.c. lamp spacing must be equal to or less than lamp spacing from wall "C"

Footcandles on Vertical and Horizontal Planes

Lamp Type	Lamp Spacing From Wall [C]	O.C. Lamp Spacing	Cove Height [H]	Footcandles on Vert. Plane (Wall)				Footcandles on Horiz. Plane (Ceiling)			
24V, 10W Rigid Loop or Wedge Base Xenon Lamp (Test conducted with 70% reflectances at 23.5 volts)	3"	3"	6"	111	155	162	31	176	164	93	44
	3"	3"	9"	62	89	155	21	118	121	93	54
	3"	3"	12"	42	56	120	15	83	87	78	56
Conversion factors for other lamps				4"	4"	6"		88	111	105	23
LAMP MULTIPLIER				4"	4"	9"		53	74	99	16
12V, 10W Festoon	1.33	4"	4"	12"	36	49	96	11	63	66	61
12V, 10W Rigid Loop	1.11	5"	5"	6"	68	71	67	19	85	96	81
12V, 10W Wedge Base	0.92	5"	5"	9"	44	57	61	13	66	69	63
24V, 5W Rigid Loop	0.44	5"	5"	12"	31	42	58	8	48	51	48
24V, 5W Wedge Base	0.32										
12V, 5W Rigid Loop	0.50										
12V, 5W Wedge Base	0.37										

NOTE: Frosted lamps provide slightly less lumen output, but more uniformity with wider spacings.

Maximum Run Length per 20 Amp Circuit**

Lamp Type		2"	3"	4"	6"	12"
10 Watt Xenon Lamps	Lumens/Foot (24V Lamp)	—	340	255	204	170
	Maximum Run Length - 24V	—	12'	16'	20'	24'
	Maximum Run Length - 12V	—	6'	8'	10'	12'
5 Watt Xenon Lamps	Lumens/Foot (24V Lamp)	162	108	81	65	54
	Maximum Run Length - 24V	16'	24'	32'	40'	48'
	Maximum Run Length - 12V	8'	12'	16'	20'	24'
3 Watt Xenon Lamps	Lumens/Foot	93	62	42	37	31
	Maximum Run Length - 12V	13'	20'	27'	33'	40'

Maximum Run Length per 25 Amp Circuit**

Lamp Type		2"	3"	4"	5"	6"
10 Watt Xenon Lamps	Lumens/Foot (24V Lamp)	—	340	255	204	170
	Maximum Run Length - 24V	10'	15'	20'	25'	30'
	Maximum Run Length - 12V	5'	7.5'	10'	12.5'	15'
5 Watt Xenon Lamps	Lumens/Foot (24V Lamp)	162	108	81	65	54
	Maximum Run Length - 24V	20'	30'	40'	50'	60'
	Maximum Run Length - 12V	10'	15'	20'	25'	30'
3 Watt Xenon Lamps	Lumens/Foot	93	62	42	37	31
	Maximum Run Length - 12V	17'	25'	34'	42'	50'

** Based on 20% maximum light output decrease between first and last fixture on trac due to voltage drop; to utilize full capacity of trac and transformers, individual transformer circuits may have to feed multiple runs using separate feed points.



University of Chicago Coffee Shop, Chicago, Illinois: Pirello Photography

The Flex 12 satin aluminum ribbon-like trac and pure geometrical forms make it unique among monorail systems. Use it in straight runs or field-curve it to echo the natural rhythms of curved walls or to introduce pleasing visual contrast into an angular space. Whether mounted close to the ceiling, suspended from stainless steel cable or extended off of a wall, the Flex 12 system offers unlimited possibilities with a system that is widely recognized for its simple installation with a minimum number of components. The Flex 12 system inspires inventive, unique solutions that integrate art and architecture.

The product and system may be covered by the following patents: U.S. Patent US 6,244,733; Canada Patent CA2316551



Flex 12™ | LED Mini-Spotlight

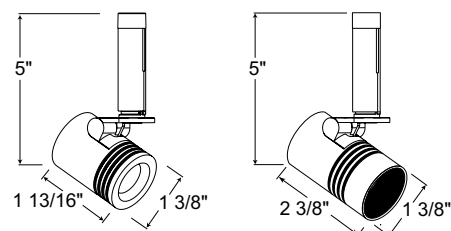
LED Mini-Cylinder Spotlights

LED Mini-Cylinder Spotlights

The Flex 12 LED Mini-Cylinder Spotlights offer effective accent lighting in a miniature, energy-efficient package. They approximate the light output and distribution of 20W MR11 halogen lamps, utilizing approximately 1/3 of the energy and having a rated life of 50,000 hours. Unlike conventional incandescent light sources, LEDs produce no IR or UV emissions – this makes them an ideal choice when illuminating heat-sensitive or UV-sensitive objects. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light LED Mini-Cylinder Spotlights are compatible with standard Flex 12 systems operating with 12V AC transformers approved for use with Juno LED products. These fixtures can be placed anywhere along the trac, and the trac can be cut-to-length during installation, making the LED Mini-Cylinder Spotlights a versatile accent lighting choice.



Dimensions



Ordering Information

Examples: **TF114G2-2S-SL, TF114G2-35F-SL-S**

Series	Color Temperature	Beam Spread	Finish	Options
TF114G2	2	S	SL	
TF114G2 6W LED Mini-Cylinder Spotlight	2 2700K 3 3000K 35 3500K 4 4000K	S Spot N Narrow Flood F Flood	SL Silver	Blank No Snoot S With Snoot

Accessories

For Fixture:	TF114G2
Snoot - Silver	TMC-SNOOT-SL



Flex 12™ | LED Spotlight

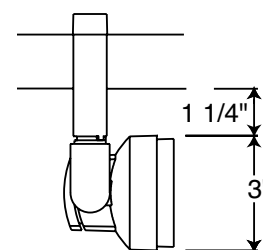
Cylindra™ TF252L

Cylindra™ TF252L

The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. The Flex 12 Cylindra 13W LED spotlight approximates the light output and distribution of 75W MR16 halogen lamps, utilizing less than 1/5 of the energy and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a minimum 80 CRI. An optional high CRI version is available in 2700K or 3000K with a minimum 90 CRI. The white-light Cylindra LED is compatible with standard Flex 12 trac, operating with 12V AC power. The TF252L can be placed anywhere along the Trac, and the trac can be cut-to-length during installation, making it an economical and flexible accent lighting choice. Cylindra's integral, bayonet-mounted accessory holder accommodates one accessory if desired.



Dimensions



Ordering Information

Examples: TF252L-27HC-N-SL, TF252L-3K-S-SL

Series	Color Temperature	Color Rendering Index	Beam Spread	Finish
TF252L	27	HC	N	SL
TF252L 13W Cylindra LED	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	K - 80 CRI Minimum HC ¹ - 90 CRI Minimum ¹ 2700 & 3000K only	S - Spot N - Narrow Flood F - Flood	SL - Silver

Accessories

For Fixture:	TF252L
Color Filters	T741-6
Dichroic Filters	T7401-18
Diffusion Lens	T7420
Uniformity Lens	T7421
UV Filter	T7422
Prismatic Spread Lens	T7477
Linear Spread Lens	T7478
Hexcell Louver	T7459BL
TIR Optic - Spot	TIR-2-SP
TIR Optic - Narrow Flood	TIR-2-NFL
TIR Optic - Flood	TIR-2-FL



Flex 12™ | LED Spotlight

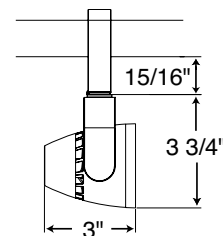
Conix® II TF261L

Conix® II TF261L

The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. They have interal TIR optics which enable uniform spot, flood or narrow flood distributions to be achieved. The 13W TF261L Conix II LED spotlight approximates the light output and distribution of 75W MR16 halogen lamps, utilizing less than 1/5 of the energy and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a minimum 80 CRI. An optional high CRI version is available in 2700K or 3000K with a minimum 90 CRI. The white-light Conix II LED is compatible with Flex 12 trac, operating with 12V AC power. It can be placed anywhere along the trac, and the trac can be cut-to-length during installation, making it an economical and flexible accent lighting choice. Its integral, bayonet-mounted accessory holder accomodates one accessory if desired.



Dimensions



Ordering Information

Examples: **TF261L-27HC-N-SL**, **TF261L-3K-S-SL**

Fixture Type		Color Temperature		Color Rendering Index		Beam Spread		Finish
TF261L	-	27		HC	-	N	-	SL
TF261L 13W Conix II LED		27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K		K - 80 CRI Minimum HC ¹ - 90 CRI Minimum ¹ 2700 & 3000K only		S - Spot N - Narrow Flood F - Flood		SL - Silver

Accessories

For Fixture:	TF261L
Color Filters	T741-6
Dichroic Filters	T7401-18
Diffusion Lens	T7420
Uniformity Lens	T7421
UV Filter	T7422
Prismatic Spread Lens	T7477
Linear Spread Lens	T7478
Hexcell Louver	T7459BL
TIR Optic - Spot	TIR-2-SP
TIR Optic - Narrow Flood	TIR-2-NFL
TIR Optic - Flood	TIR-2-FL



Directionals | Low Voltage

MR16 LED-Compatible Lampholders

TF1016, TF1040, TF1041, TF1042 and TF1043

These low voltage fixtures offer both mechanical and electrical compatibility with most MR16 LED lamps (by others). Constructed with open or semi-open designs, this series provides for improved airflow around the lamp, leading to better cooling and optimized LED lamp life. They may also be used with MR16 halogen lamps with integral cover glass. May be mounted on Flex 12 Trac or Monopoints.



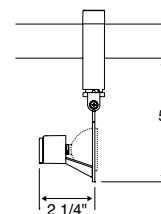
Gimbal16

Catalog #
TF1016SL

Finish
Silver

Lamp
12V or 24V, 50W max.
MR16CG Cover Glass

Dimensions



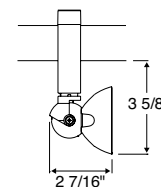
Lily16

Catalog #
TQJ1040STN

Finish
Satin Nickel

Lamp
12V or 24V, 50W max.
MR16CG Cover Glass

Dimensions



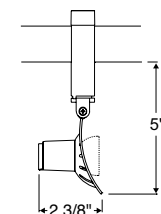
Arc16

Catalog #
TQJ1041STN

Finish
Satin Nickel

Lamp
12V or 24V, 50W max.
MR16CG Cover Glass

Dimensions



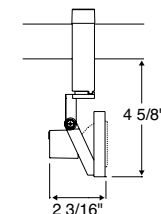
Concricity16

Catalog #
TQJ1042STN

Finish
Satin Nickel

Lamp
12V or 24V, 50W max.
MR16CG Cover Glass

Dimensions



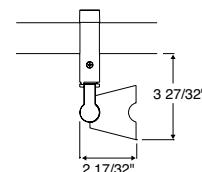
Cone16

Catalog #
TQJ1043STN

Finish
Satin Nickel

Lamp
12V or 24V, 50W max.
MR16CG Cover Glass

Dimensions



Facet®

The sweeping arcs and arresting angles of the Facet deliver a unique asymmetrical aesthetic that is the perfect complement for the inspirational Flex 12 system. With a socket housing that morphs into a stem completely horizontal in nature, its bold simplicity gives Facet an ultra-clean appearance. The Flex 12 and is supplied with an integral, bayonet mount media cartridge that simultaneously accepts up to two 2" light control accessories.

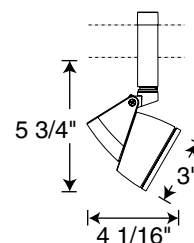


Catalog #
TF150SL

Finish
Silver

Lamp
12V or 24V 50W max. MR16

Dimensions



Mamba®

The strikingly original, daring aesthetic of Mamba naturally extends the imagination of the distinctive Flex 12 system. The Mamba combines gracefully curved and tapered elements to produce a unique and totally unexpected result. Its front-loading gimbal ring design makes lamp maintenance simple and convenient. Mamba for Flex 12 low voltage is designed to use 50W MR16CG halogen lamps with integral cover glass.

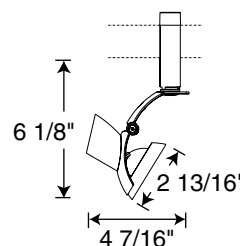


Catalog #
TF155SL

Finish
Silver

Lamp
12V or 24V 50W max. MR16CG

Dimensions



Accessories

For Fixtures:		TF155	
Color Filters	T741-6	UV Filter	T7422
Dichroic Filters	T7401-18	Prismatic Spread Lens	T7477
Diffusion Lens	T7420	Linear Spread Lens	T7478
Uniformity Lens	T7421	Hexcell Louver	T7459BL

Cylindra™

Applying a new twist to a traditional design, Cylindra Series offers a unique, contemporary aesthetic based on a step cylinder fixture platform. Gentle arcs elegantly blend with bold edges to provide a unique yet timeless visual appeal. The Cylindra Flex 12 low voltage is designed to use 50W MR16 halogen lamps. Each Cylindra fixture is supplied with an integral bayonet mount media cartridge to simultaneously accept up to two 2" light control accessories.



Catalog

TF141SL

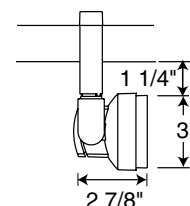
Finish

Silver

Lamp

12V or 24V 50W max. MR16

Dimensions



Gyrus™

A new spin on a classic design the Gyrus series combines dramatic aerodynamic styling with an integral accessory holder that accepts up to two standard 2" diameter lenses and louvers. The snap-on design makes this an easy to accessorize fixture for more demanding display lighting applications.



Catalog

TF140SL

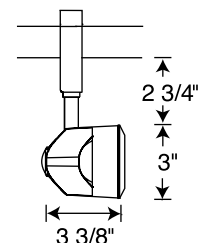
Finish

Silver

Lamp

12V or 24V 50W max. MR16

Dimensions



Accessories

For Fixtures:	TF141	TF140
Color Filters	T741-6*	T741-6
Dichroic Filters	T7401-18*	T7401-18
Diffusion Lens	T7420*	T7420
Uniformity Lens	T7421*	T7421
UV Filter	T7422*	T7422
Prismatic Spread Lens	T7477*	T7477
Linear Spread Lens	T7478*	T7478
Hexcell Louver	T7459BL*	T7459BL

* Filters, lenses, louvers and barn doors require Accessory Holder for installation.

Delta 200 Series® Pendant

An angular, die cast fixture body and rod-supported lamp bezel create a semi-exposed, technical appearance, ideal for ceiling applications.

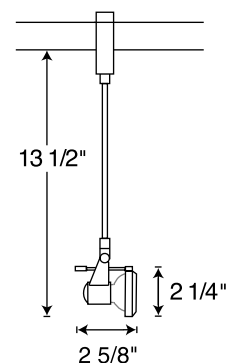


Catalog #
TFP116SL

Finish
Silver

Lamp
12V or 24V
50W max. MR16

Dimensions



Delta 200 Series® Gallery

The Delta 200 Series Gallery model is exceptional when needing to throw light back onto vertical surfaces, signage or displays.

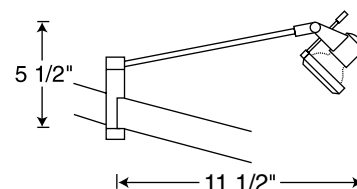


Catalog #
TFG116SL

Finish
Silver

Lamp
12V or 24V
50W max. MR16

Dimensions



Accessories

For Fixtures: TFP116, TFG116

Color Filters	T551-6
Dichroic Filters	T5501-18
Diffusion Lens	T5520
Uniformity Lens	T5521
UV Filter	T5522
Prismatic Spread Lens	T557
Linear Spread Lens	T559
Hexcell Louver	T5559BL
Black Snoot	T558BL
Black Barn Doors	T74BL

Geometrics

The timeless simplicity of cones and spheres. Choose the MR16 Cone luminaire for a more sophisticated design statement or the MR16 Orb model for a balanced, consistent appearance regardless of aiming angle.

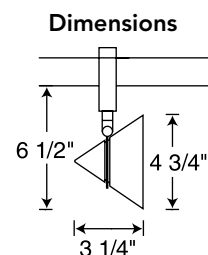
Cone



Catalog #
TF160SL

Finish
Silver

Lamp
12V or 24V 50W max. MR16



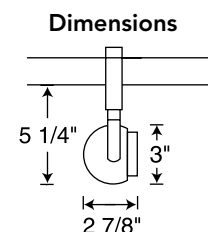
Orb



Catalog #
TF165SL

Finish
Silver

Lamp
12V or 24V 50W max. MR16



Gimbal Ring

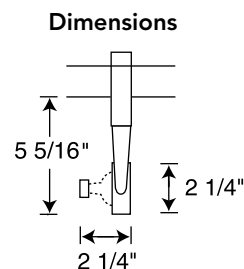
This sculpted dual yoke design is an elegant interpretation of the classic gimbal ring.



Catalog #
TF196SL

Finish
Silver

Lamp
12V or 24V 50W max. MR16



Accessories

For Fixtures: TF160, TF165, TF196

Color Filters	T551-6
Dichroic Filters	T5501-18
Diffusion Lens	T5520
Uniformity Lens	T5521
UV Filter	T5522
Prismatic Spread Lens	T557
Linear Spread Lens	T559
Hexcell Louver	T5559BL

Trapezia™

Trapezia fixtures suspend the MR16 lamp down from the trac with the grace of a trapeze artist. Slender 9-inch nominal length tubes conceal supply wires feeding into an elegantly sculpted die cast lamp housing. The light, airy appearance is great for display, exhibition and gallery lighting and the downward reach can make pendant mounting of trac unnecessary. Trapezia is designed to use 50W MR16CG halogen lamps with integral cover glass.

9" Trapezia

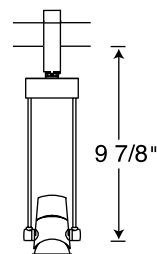


Catalog #
TF130-9-SL

Finish
Silver

Lamp
12V or 24V 50W max. MR16CG
Cover Glass

Dimensions



Universal

Use the minimalist Universal fixture by itself for a do-it-all basic lampholder, or in combination with a scoop accessory for a playful metallic accent. The Flex 12 Universal is designed to use 50W MR16CG halogen lamps with integral cover glass.

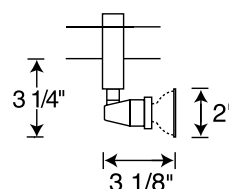


Catalog #
TF301SL

Finish
Silver

Lamp
12V or 24V 50W max. MR16CG
Cover Glass

Dimensions



Accessories

For Fixtures:	TF130-9	TF301
Accessory Holder	T7400BL, SA	T7400BL, SA
Color Filters	T741-6*	T741-6*
Dichroic Filters	T7401-18*	T7401-18*
Diffusion Lens	T7420*	T7420*
Uniformity Lens	T7421*	T7421*
UV Filter	T7422*	T7422*
Prismatic Spread Lens	T7477*	T7477*
Linear Spread Lens	T7478*	T7478*
Hexcell Louver	T7459BL*	T7459BL*
Barn Doors	T7470BL*	T7470BL*

* Filters, lenses, louvers and barn doors require Accessory Holder for installation.
Use of light control accessories (except Barn Doors) negates the need for MR16 cover glass lamp.

Accessory Scoop

Universal halogen spotlights take on a whole new appearance when you dress them in this metal scoop.

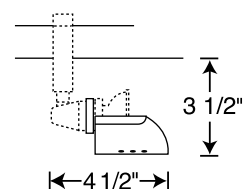
Perforated Metal Scoop



Catalog #
TF308SL

Scoop Finish
Silver

Dimensions



Flex 12™ Trac Sections

The Flex 12 unique trac construction combines a flexible insulating core that separates two flat aluminum conductors. Can be field cut and curved (see Layout & Installation Guidelines section). 25-amp capacity.



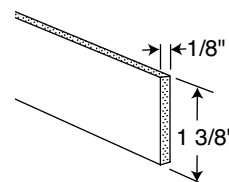
Key Features:

- Attractive satin aluminum finish
- Can be used in straight sections or field curved – see below for trac bending machine
- 25-amp capacity (12V or 24V) for long, economical runs up to 600 watts per circuit
- Available in 4' and 8' lengths
- Connectors that electrically and/or mechanically join trac sections into longer runs
- Can be cut to length by installer

Catalog #	Finish
TF4SL	Silver
TF8SL	Silver

Description
4' trac (actual length 48")
8' trac (actual length 96")

Dimensions



Portable Bending Machine



Catalog #	Finish
JLG-B100	Silver

Description

- Portable Bending Machine for flexible trac and rail
- Bends Juno Flex 12 and MonoLine trac
- Clamps to a work surface
- Easily makes smooth, repeatable bends
- Comes with durable carrying case

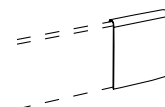
End Cover



Catalog #	Finish
TF30SL	Silver

Description

- Optional vinyl-dipped sleeve protects end of trac
- One End Cover per package



Connectors

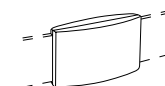


Straight Connector

Catalog #	Finish
TF23SL	Silver

Description

- Electrically and/or mechanically joins two sections of trac

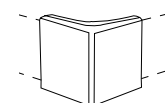


Right Angle (90°)
Connector

Catalog #	Finish
TF24SL	Silver

Description

- Electrically and/or mechanically joins two sections of trac at a right angle (90°)



Wall Feed/Mechanical Support

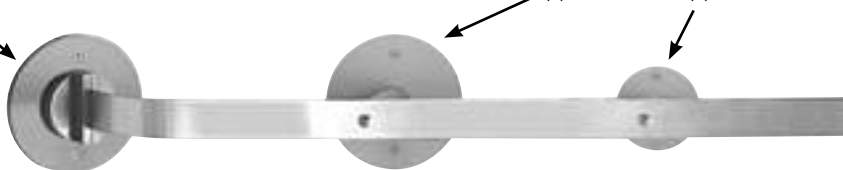
The Flex 12™ system may be mechanically supported perpendicular to the wall and electrically fed through a wall-mounted outlet box that is wired to the transformer secondary.

Specify:
(1) **TF45SL**

Outrigger Feed/Mechanical Support

The Flex 12™ system may be mounted parallel to the wall and electrically fed when installed over a wall-mounted outlet box that is wired to the transformer secondary.

Specify:
(1) **TF529SL** or (1) **TF530SL**



Wall Feeds & Outriggers

	Catalog # TF45SL	Finish Silver	Description <ul style="list-style-type: none"> Electrically feeds and/or mechanically supports the trac perpendicular to wall Mounts directly to wall or over standard 4" outlet box 	Dimensions
	Catalog # TF529SL	Finish Silver	Description <ul style="list-style-type: none"> Used to electrically feed power to the trac mounted parallel to the wall Mounts over standard 4" outlet box 	Dimensions
	Catalog # TF530SL	Finish Silver	Description <ul style="list-style-type: none"> Used to mechanically support the trac mount parallel to wall Canopy fastens to wall with toggle bolts (supplied) or wood screws 	Dimensions

Ceiling Suspension Hardware

Close-to-Ceiling Feed and Mini-Support Cylinders

Low profile electrical feed cylinder and mechanical mini-support cylinder. Spaces trac 2 1/8" from mounting surface. One electrical feed per circuit is required. Best suited for use in rigid ceiling applications.

	Catalog # TF31SL	Finish Silver	Description <ul style="list-style-type: none"> With integral outlet box cover Mounts over standard 4" outlet box 	Dimensions
	Catalog # TF32SL	Finish Silver	Description <ul style="list-style-type: none"> With integral micro-canopy Secures to mounting surface with toggle bolt (supplied) or 10-24 headless hanger screw (not supplied) 	Dimensions

See Layout & Installation Guidelines section for recommended mounting spacings.

Ceiling Suspension Hardware (cont)



Pendant Stem Electrical Feed

Canopy and stem assembly mounts over a standard ceiling outlet box that is wired to the transformer secondary.

Specify:

(1) **TF90SL**

or

(1) **TF91SL**

and

(1) **TF903SL-TF948SL**

(1) **TF21SL**

Flexible Electrical Feed

Canopy with flexible 10 gauge wire mounts over a standard ceiling outlet box that is wired to the transformer secondary.

Specify:

(1) **TF950SL**

(1) **TF21SL**

Pendant Stem Mechanical Support

Flex 12™ can be mechanically suspended from the ceiling at non-feed points from a mini-canopy using pendant stems.

Specify:

(1) **TF925SL***

(1) **TF903SL-TF948SL**

(1) **TF22SL**

* If mounting on grid, order R37D or R37F T-Bar Attachment Clip

Electrical Feed & Mechanical Support Cylinders

Used in conjunction with pendant stems and threaded rod for electrical feed and mechanical support of trac.



Electrical Feed Cylinder

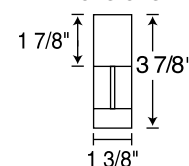
Catalog #
TF21SL

Finish
Silver

Description

- Used to mechanically support and electrically feed power to the trac
- One electrical feed is required per circuit

Dimensions



Mechanical Support Cylinder

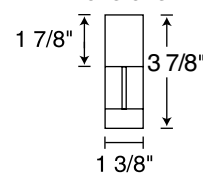
Catalog #
TF22SL

Finish
Silver

Description

- Similar to Electrical Feed Cylinder less electrical contacts

Dimensions



Flexible Feed Kit

Canopy supplied with 60" or 144" of 10 gauge stranded tandem wire. Allows electrical feed location to be placed independent of mechanical supports. Can be mounted over 4" ceiling outlet boxes or used with Flex 12 Surface Transformers. Requires TF21SL Electrical Feed Cylinder (order separately).



Flexible Feed Kit

Catalog #
TF950SL
TF950SL-144

Finish
Silver
Silver

Description

- 60" Tandem Wire
- 144" Tandem Wire

Dimensions


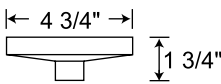

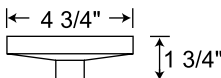


See Layout & Installation Guidelines section for recommended mounting spacings.

Ceiling Suspension Hardware (cont)


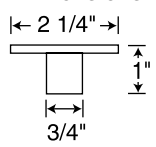

Pendant Stem Feed/Support Canopies

Used in conjunction with pendant stems for electrical feed and mechanical support of trac.

 Canopy for T-Bar Ceilings	Catalog #	Finish	Description	Dimensions
	TF90SL	Silver	<ul style="list-style-type: none"> Mounts onto 15/16" T-bar runner and can be fed via flexible metal conduit or non-metallic cable entering into the top of the ceiling mounting plate 	
 Canopy for Rigid Ceilings	Catalog #	Finish	Description	Dimensions
	TF91SL	Silver	<ul style="list-style-type: none"> Mounts over standard ceiling outlet boxes 	


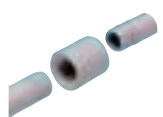



Pendant Stem Mini-Support Canopy

Used in conjunction with pendant stems for mechanical support of trac.

 Mini-Canopy for Pendant Stems	Catalog #	Finish	Description	Dimensions
	TF92SL	Silver	<ul style="list-style-type: none"> Used in conjunction with pendant stems for mechanical support of trac Secures to ceiling with toggle bolt (supplied), wood screw or optional T-Bar Attachment Clip shown below 	
 T-Bar Attachment Clip	Catalog #		Description	
	R37F R37D R37-9-16		<ul style="list-style-type: none"> 15/16" grid T-Bar Clip for flush tile ceilings 15/16" grid T-Bar Clip for drop tile ceilings 9/16" grid T-Bar Clip for flush tile or drop tile ceilings 	

Pendant Stems

Threaded top and bottom permit attachment to canopies and electrical feed/support cylinders. Inside diameter accommodates two 10 gauge solid THHN copper wires.

	Catalog #	Finish	Description	
	TF903SL	Silver	3 1/2" stem length	
	TF912SL	Silver	12" stem length	
	TF918SL	Silver	18" stem length	
	TF924SL	Silver	24" stem length	
	TF936SL	Silver	36" stem length	
 Pendant Stem Coupling	Catalog #	Finish	Description	
	T96SL	Silver	<ul style="list-style-type: none"> Joins pendant stems for use in higher ceiling applications 	
 Pendant Sloped Ceiling Adapter	Catalog #	Finish	Description	
	T94SL	Silver	<ul style="list-style-type: none"> Permits pendant stems to be hung vertically from sloped ceilings Used in conjunction with TF91 or TF92 Ceiling Canopies Allows feeding of up to two 12 gauge solid THHN copper wires at up to a 60-degree angle 20-amp capacity 	

Ceiling Suspension Hardware (cont)



Wire Cable Mechanical Support

Steel wire cable mounting offers the most elegant mean of supporting Flex 12™ trac. Ideal for trac patterns, it can be easily adjusted to a precise mounting height and has the least prominent mounting hardware. Recommended for patterns only.

Specify:
(1) **TF34SL**



Threaded Rod Mechanical Support

The Flex 12™ system can also be mechanically suspended from the ceiling at non-feed points using commonly available 10-24 threaded rod (not supplied). This method offers the most economical installation and less conspicuous mounting hardware.

Specify:
(1) **TF93SL** and (1) **TF33SL**

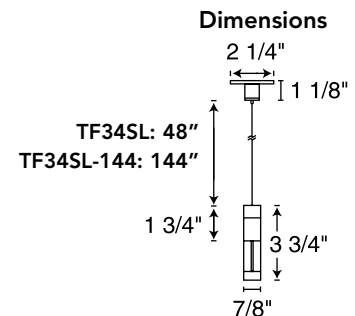
Wire Cable Mini-Support Cylinder and Mini-Canopy

Steel wire cable mounting system provides mechanical support of trac. Supplied with all mounting hardware, including mini-support cylinder, steel cable, cable glider and mini-canopy. Secures to rigid ceiling with toggle bolt (supplied) or wood screw. Other cable lengths available – consult factory.



Wire Cable Mini-Support Cylinder and Mini-Canopy

Catalog #	Finish	Description
TF34SL	Silver	• 48" Steel Cable
TF34SL-144	Silver	• 144" Steel Cable



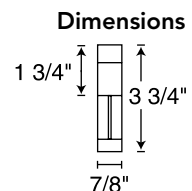
Threaded Rod Mounting Hardware

Threaded rod mounting offers a very economical solution for mechanical support of trac. Its thin profile makes it very unobtrusive and nearly unlimited rod lengths makes it ideal for high ceiling applications.



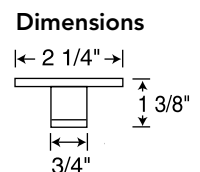
Threaded Rod Mini-Support Cylinder

Catalog #	Finish	Description
TF33SL	Silver	<ul style="list-style-type: none"> • Mini-support cylinder with threaded insert for supporting trac using 10-24 threaded rod (not supplied) • Provides mechanical support only • Designed to be used in conjunction with TF93SL Mini-Canopy



Mini-Canopy for 10-24 Threaded Rod

Catalog #	Finish	Description
TF93SL	Silver	<ul style="list-style-type: none"> • Use with 10-24 threaded rod (not supplied) and TF33SL Mini-Support Cylinder for mechanical support of trac • Secures to ceiling with toggle bolt (supplied), wood screw or optional T-Bar Attachment Clip shown below




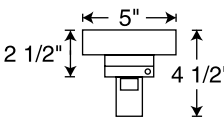

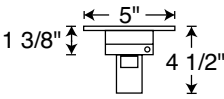

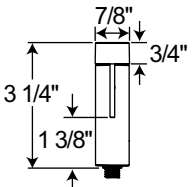
T-Bar Attachment Clip

Catalog #	Description
R37F	• 15/16" grid T-bar clip for flush tile ceilings
R37D	• 15/16" grid T-bar clip for drop tile ceilings
R37-9-16	• 9/16" grid T-bar clip for flush tile or drop tile ceilings

See Layout & Installation Guidelines section for recommended mounting spacings.

Monopoints

Flex 12™ Monopoints increase the versatility of Flex 12 fixtures and decorative pendants, allowing them to be mounted where trac sections may not offer the best aesthetic or functional solution.

 Monopoint with Transformer	Catalog # TF540SL	Finish Silver	Description <ul style="list-style-type: none"> • With integral 12-volt, 50VA electronic transformer • Accepts Juno Flex 12 halogen spotlights and decorative pendants • 120V input 	Dimensions 
	Catalog # TF540U-SL	Finish Silver	Description <ul style="list-style-type: none"> • Same as above except compatible with both LED & halogen fixtures 	
 Monopoint	Catalog # TF40SL	Finish Silver	Description <ul style="list-style-type: none"> • For use with remote mounted transformer 	Dimensions 
	Catalog # TFQJASL	Finish Silver	Description <ul style="list-style-type: none"> • Quick Jack Adapter for Quick Jack directionals or decorative pendants • Rated for fixtures using maximum 50W 12V or 24V lamps 	
 Quick Jack Adapter	Catalog # TFQJASL	Finish Silver	Description <ul style="list-style-type: none"> • Quick Jack Adapter for Quick Jack directionals or decorative pendants • Rated for fixtures using maximum 50W 12V or 24V lamps 	Dimensions 

Flex 12™ Transformers



Specify:

(1) TF6150E-SL
or
(1) TF6300SL
and
(1) TF903SL-TF948SL
(1) TF21SL

Specify:

(1) TF6150E-SL
or
(1) TF6300SL
and
(2) TF903SL-TF948SL
(1) TF21SL
(1) TF22SL


Specify:

(1) TF6150E-SL
or
(1) TF6300SL
and
(1) TF950SL (-144)
(1) TF21SL

Flex 12 Pendant Stem Mount Transformers

Designed to mount over standard 4" ceiling outlet boxes, surface mount transformers can be used with a single pendant stem to support/feed one end of a trac run. Should be mounted within 5' of trac. 120VAC input.

TF6150E & TF6300 may be used with a single Pendant Stem (TLR91) and Pendant End Feed Connector (TLR50) to support/feed one end of a Trac 12/25 trac run. They may also be used with a Flexible Feed Kit (TF950) to create a non-rigid floating feed, independent of mechanical support of the trac. The TF6150E Electronic Surface Mount Transformer has automatic resetting overload and short-circuit protection and is dimmable using dimmers designed for use with electronic transformers. The TF6300 Magnetic Toroidal Surface Mount Transformer has a manually resettable circuit breaker. Not compatible with LED luminaires.

	Catalog #	Finish	Output Voltage/ Input Voltage	Total Wattage	Dimensions
	TF6150E-SL*	Silver	12V/120V	150 watts	3" H x 12" Dia.
	TF6300SL**	Silver	12V/120V	300 watts	3" H x 12" Dia.

* Dimmable—for best results use dimmer designed for use with electronic transformers.

** Dimmable—for best results use dimmer specifically designed for use with magnetic transformers.

Surface Mount Transformers

Designed to mount over standard 4" ceiling outlet boxes, surface mount transformers can be used with a single pendant stem to support/feed one end of a trac run. Should be mounted within 5' of trac. 120VAC input.

TF60xxxC, TF60xxxS & TF60xxxW LED-Compatible 12V Surface Mount Transformers are designed to power Flex 12 close-to-the-ceiling applications, pendent stem mount applications and wall mount applications. Transformers are available in 60W, 100W or 150W versions and all are LED or halogen-compatible and dimmable. Low Profile TF60xxxC Series is designed to work in conjunction with TF32 Low Profile Mechanical Mini-Support Cylinders for required mechanical support. Enables Flex 12 to be mounted within 2-1/8" of mounting surface. Pendant Stem Mount TF60xxxS Series is designed to be used with Flex 12 Pendant Stem (TF9xx) and Electrical Feed Cylinder (TF21) to support/feed a Flex 12 trac run. Wall Mount TF60xxxW Series is designed to work in conjunction with TF530 Outrigger Supports for required mechanical support. Enables Flex 12 to be mounted within 5-1/2" of mounting surface.



Low Profile Mount



Pendant Stem Mount



Wall Mount

Catalog #	Finish	Output Voltage/ Input Voltage	Total Wattage	Dimensions
TF6060C-WH TF6060C-BL TF6060C-SL	White Black Silver	12V/120V	60 watts	4-3/16"H x 5-1/8"W x 7-1/2"L
TF60100C-WH TF60100C-BL TF60100C-SL	White Black Silver	12V/120V	100 watts	4-3/16"H x 5-1/8"W x 7-1/2"L
TF60150C-WH TF60150C-BL TF60150C-SL	White Black Silver	12V/120V	150 watts	4-3/16"H x 5-1/8"W x 7-1/2"L
TF6060S-WH TF6060S-BL TF6060S-SL	White Black Silver	12V/120V	60 watts	1-7/8"H x 5-1/8"W x 7-1/2"L
TF60100S-WH TF60100S-BL TF60100S-SL	White Black Silver	12V/120V	100 watts	1-7/8"H x 5-1/8"W x 7-1/2"L
TF60150S-WH TF60150S-BL TF60150S-SL	White Black Silver	12V/120V	150 watts	1-7/8"H x 5-1/8"W x 7-1/2"L
TF6060W-WH TF6060W-BL TF6060W-SL	White Black Silver	12V/120V	60 watts	5-3/8"H x 5-1/8"W x 7-1/2"L
TF60100W-WH TF60100W-BL TF60100W-SL	White Black Silver	12V/120V	100 watts	5-3/8"H x 5-1/8"W x 7-1/2"L
TF60150W-WH TF60150W-BL TF60150W-SL	White Black Silver	12V/120V	150 watts	5-3/8"H x 5-1/8"W x 7-1/2"L

Remote Mount Magnetic Transformers

Remote Mount Magnetic Transformers are designed to be installed in remote locations such as basements, attics, plenums and electrical closets. The location must be accessible and well ventilated with ambient temperatures below 140°F. 12-volt transformers are typically used for spotlighting applications due to the ready availability of 12-volt MR11 and MR16 lamps. 24-volt transformers double the wattage capacity versus a 12-volt system and are more commonly selected for incandescent linear lighting due to their capacity for longer runs per circuit. These transformers are designed for either 120-volt or 277-volt input, and have premium resettable magnetic circuit breakers, dual-tap standard/boost tap primary input leads to adjust for voltage drop and may be dimmed using dimmers qualified by Juno. See specification sheets for dimming recommendations. Primary and secondary circuits are physically and electrically isolated and grounded. TF Series transformers have terminal block connections while TL Series transformers have wire nut connections. Remote Mount Magnetic Transformers are compatible with all Flex 12 and Trac 12 low voltage luminaires including halogen and LED (12V transformers only).



12V Transformers (LED or Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TF5300BL	12V/120V	300 watts	1/150-300 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TF5300BL-277	12V/277V	300 watts	1/150-300 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TF5600BL	12V/120V	600 watts	2/150-300 watts	11 3/8"H x 5 3/8"W x 5 1/8"D
TF5600BL-277	12V/277V	600 watts	2/150-300 watts	11 3/8"H x 5 3/8"W x 5 1/8"D

24V Transformers (Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TF5600BL-24V	24V/120V	600 watts	1/300-600 watts	11 1/2"H x 5 3/8"W x 5 1/8"D
TF51200BL-24V	24V/120V	1200 watts	2/300-600 watts	12 1/2"H x 6 1/8"W x 5 7/8"D

12V Transformers (LED or Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TL575-20-BL	12V/120V	20 watts	1/0.5-20 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-20-277-BL	12V/277V	20 watts	1/0.5-20 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-40-BL	12V/120V	40 watts	1/0.5-40 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-40-277-BL	12V/277V	40 watts	1/0.5-40 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-75-BL	12V/120V	75 watts	1/0.5-75 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-75-277-BL	12V/277V	75 watts	1/0.5-75 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL576-10-BL*	12V/120V	10 watts	1/0.5-10 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL576-25-BL*	12V/120V	25 watts	1/0.5-25 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL576-60-BL*	12V/120V	60 watts	1/0.5-60 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TF5150BL	12V/120V	150 watts	1/50-150 watts halogen, 75-150 watts LED	10 3/4"H x 4 3/8"W x 4 1/8"D
TF5150BL-277	12V/277V	150 watts	1/50-150 watts halogen, 75-150 watts LED	10 3/4"H x 4 3/8"W x 4 1/8"D
TL554N-BL	12V/120V	150 watts	1/50-150 watts halogen, 75-150 watts LED	10 3/4"H x 4 3/8"W x 4 1/8"D
TL554N-277-BL	12V/277V	150 watts	1/50-150 watts halogen, 75-150 watts LED	10 3/4"H x 4 3/8"W x 4 1/8"D
TL549N-BL	12V/120V	240 watts	1/120-240 watts	7 7/8"H x 4 3/8"W x 4"D
TL549N-277-BL	12V/277V	240 watts	1/120-240 watts	7 7/8"H x 4 3/8"W x 4"D
TL550N-BL	12V/120V	480 watts	2/120-240 watts	11 3/8"H x 5"W x 5"D
TL550N-277-BL	12V/277V	480 watts	2/120-240 watts	11 3/8"H x 5"W x 5"D

* TL576 is Class 2 rated









24V Transformers (Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TL553N-BL-24V	24V/120V	240 watts	1/120-240 watts	8"H x 4 1/4"W x 4"D
TL553N-277-BL-24V	24V/277V	240 watts	1/120-240 watts	8"H x 4 1/4"W x 4"D
TL551N-BL-24V	24V/120V	480 watts	1/240-480 watts	11 3/8"H x 5"W x 4 7/8"D
TL551N-277-BL-24V	24V/277V	480 watts	1/240-480 watts	11 3/8"H x 5"W x 4 7/8"D
TL552N-BL-24V	24V/120V	960 watts	2/240-480 watts	12 1/2"H x 6 1/8"W x 5 7/8"D
TL552N-277-BL-24V	24V/277V	960 watts	2/240-480 watts	12 1/2"H x 6 1/8"W x 5 7/8"D

NOTE: 120V magnetic transformers are available with a 6-foot cord and plug option. For cord and plug installation, add -CP6 as suffix to catalog number.
Examples: TF5150BL-CP6, TL550N-BL-CP6.

Light Control Accessories

The Juno complete range of light control accessories enable the designer to custom tailor effects.

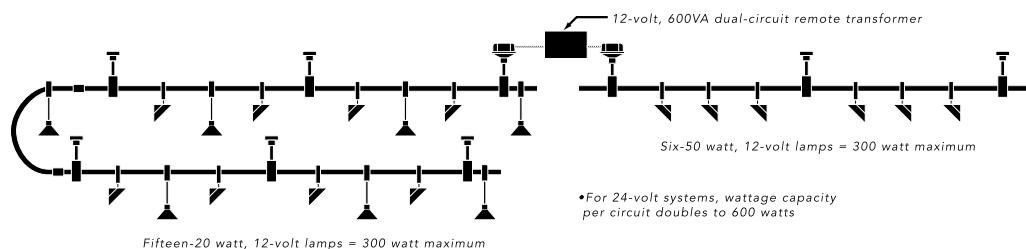
Accessory Holders			1 3/4" DIA.	COMPATIBLE WITH	2" DIA.	COMPATIBLE WITH
	Required for listed fixtures. Accepts one filter, lens, and louver except where noted.				T7400BL T7400SA Accepts up to 2 accessories	TF130, TF301
Light Control Lenses						
	These alter the light distribution of a given lamp, enlarging or elongating it, softening the beam edge or removing striations.	Uniformity Lens (Solite™)	T5521	TF160, TF165, TF196, TFG116, TFP116	T7421	TF140*, TF141*, TF150*, TF252L, TF261L and fixtures with T7400 Accessory Holder
		Diffusion Lens	T5520		T7420	
		Prismatic Spread Lens	T557		T7477	
		Linear Spread Lens	T559		T7478	
UV Filters						
	These museum quality lenses filter out ultraviolet radiation below 400 nanometers to protect fade sensitive art and objects.		T5522	TF160, TF161, TF165, TF196, TFG116, TFP116	T7422	
Dichroic Color Correction Filters						
	Color Correction Filters correct the light, either to warm it up to approximate incandescent, or cool it down to approximate daylight.	Halogen-to-Incandescent, 2700K	T5518		T7418	
		Halogen-to-Daylight, 4250K	T5516		T7416	
Color Filters						
	Color Filters change white light into colored light and are available in colored glass and more efficient/saturated dichroic filters.	Colored Glass Filters				
		Medium Pink	T551		T741	
		Warm Red	T552		T742	
		Daylight Blue	T553N		T743	
		Medium Blue	T554N		T744	
		Medium Amber	T555		T745	
		Medium Green	T556		T746	
		Dichroic Glass Filters				
		Red	T5501		T7401	
		Medium Green	T5503		T7403	
		Medium Blue	T5504		T7404	
		Yellow	T5505		T7405	
		Magenta	T5506		T7406	
		Blue-Green (Cyan)	T5511		T7411	
Louvers						
	Hexcell louvers reduce perceived fixture brightness.	Hexcell Louvers	T5559BL	TF160, TF165, TF196, TFG116, TFP116	T7459BL	
Snoot						
	Snoots extend lamp shielding and can reduce spill light in the edge of a beam pattern.	Snoots	T558BL	TFG116, TFP116		
Barn Doors						
	Barn Doors create a theatrical look and allow control of the spill light coming off of a lamp.	Barn Doors	T74BL		T7470BL	Fixtures with T7400 Accessory Holder

*Simultaneously accepts any combination of up to two filters, lenses or louver.

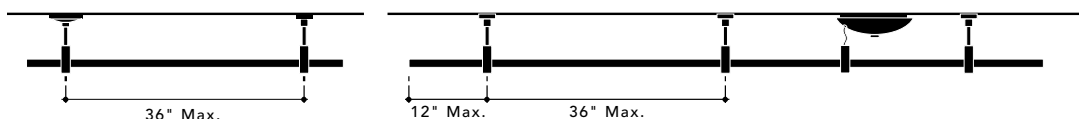
Typical Layouts

The Flex 12™ system provides a vast amount of design flexibility, limited only by one's imagination. The following examples provide some basic ideas for layouts as well as guidelines that should be applied to any installation.

Typical Electrical Layout



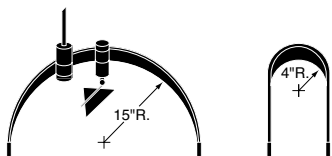
Straight Runs



For a straight 4' trac installation, a minimum of two supports must be used. For a straight 8' trac installation, a minimum of three supports are required. In all cases, the fixture weight and balance must be considered when determining necessary support quantities, spacing and locations.

(Note: In applications where a large number of trac lampholders are to be employed, more supports, more closely spaced, may be required.)

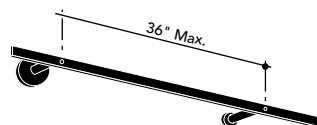
Minimum Bending Radii



The trac can be bent to a minimum radius of 15" and still successfully receive Feed Cylinders, Support Cylinders and trac lampholders.

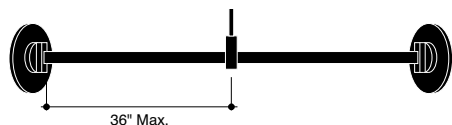
The trac can be bent as tightly as a 4" radius for design purposes but loses the ability to be safely fed with power or receive lampholders at the tight bend area. If uncertain about a desired layout, please contact the factory.

Outriggers



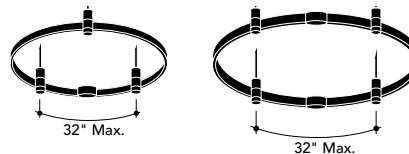
Outriggers should be spaced no greater than 36" apart. (In applications where a large number of trac lampholders are to be employed, more Outriggers, more tightly spaced, may be required.)

Wall Feed



When using a wall feed, the maximum free span of trac before a ceiling support or wall support must be employed is 36".

Circles



A perfect circle can be made using an 8' section of trac supported at three points 32" apart. This results in a 30.5" diameter circle.

Larger circles can be made by joining multiple trac sections, as long as supports are no greater than 32" apart.

Waveforms



For sinusoidal wave forms, it is recommended that the supports be located at the "peaks" of the wave form (at a minimum) for greater trac stability. In all cases, the fixture weight and balance must be considered when determining necessary support quantities, spacing and locations.

Trac is field-bendable by hand, plywood form or trac bending machine. Use of a full-size paper template is recommended.

Portable Bending Machine – JLG-B100



Portable Bending Machine for flexible trac and rail. Bends Juno Flex 12 and MonoLine trac. Clamps to a work surface. Easily makes smooth, repeatable bends. Comes with durable carrying case.

The product and system may be covered by the following United States patent: US 6,298,704

Decorative Pendants for All Juno Trac Systems and Monopoints

Juno specializes in trac systems and monopoints that provide functional creativity appropriate for any application – particularly those that demand an elevated level of design and flexibility. Juno Decorative Pendants are available for all Juno trac systems and offer the latest advancements in lighting technology, providing greater energy efficiency, greater performance and style.

Juno Decorative Pendants are offered in a variety of line voltage lamp choices including compact fluorescent, halogen G9 and economical incandescent medium base styles, as well as low voltage lamp choices such as ultra-efficient, long life LED and halogen bi-pin.



Contemporary Decorative Pendants

Juno Contemporary Decorative Pendants are provided complete with decorative shade, cordset, lamp (except medium base styles) and adapter or monopoint. Contemporary Pendants are available in low voltage and line voltage.

Classic Decorative Pendants

Juno Classic Decorative Pendants are ordered ala carte, with shades, cordsets, power sources and lamps (except LED) all ordered separately. Classic Pendants are also available in all-inclusive monopoint kits which makes specifying, ordering and installation a breeze.

LED Mini-Pendants

Juno LED Mini-Pendants are provided complete with the specified pendant body, cordset, LED light engine and adapter which enable them to be used with a variety of Juno LED-compatible power sources, trac and monopoints.

With a wide variety of styles, finishes and lamp choices to choose from, you are sure to find the ideal pendant for your application.



How to Order Contemporary Low Voltage Pendants

Juno makes it simple for you to configure your low voltage Contemporary Pendants. Choose that perfect pendant, then select the Quick Jack (QJ) option if you will hang it on one of the Juno line voltage or low voltage trac systems.

If you would like to order a complete pendant fixture with a monopoint included, select from one of our non-Quick Jack monopoint options. Monopoints are the easiest way to purchase your complete pendant fixture. Everything you need is in the box.

Quick Jack

Use the Quick Jack when installing low voltage Contemporary Pendants on Juno QJ Monopoints or Juno MonoLine®, Trac-Master®, Trac-Lites™, Flex 12™, Trac 12™ or Trac 12/25 trac. Each system has its own Quick Jack adapter.



MonoLine®
MLTQJ75
MLTQJL75



**Trac-Master®
Trac-Lites™**
T537QJ
T537QJU
T538QJ



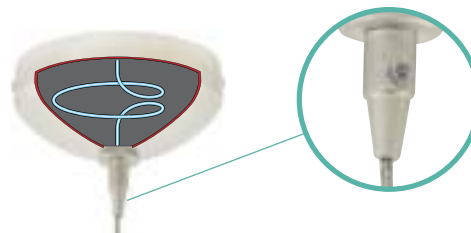
Flex 12™
TFQJA



**Trac 12™
Trac 12/25**
TLQJA

Monopoint Styles

Low voltage Contemporary Pendant monopoints are hardwired internally and have an adjustable strain relief in the "nipple," which allows you to easily adjust the height of the pendant without cutting the cord. The extra cord simply coils up into the canopy. Later, if further adjustments are needed, you just need to loosen the strain relief nut to adjust the pendant to a different height.



MF Type: Flat canopy monopoint with matching finish and 78" of field-shortenable cable. This complete fixture mounts over a junction box and includes the specified pendant, a flat canopy monopoint with electronic transformer (installs in junction box), mounting hardware, and lamp.

MP Type: Domed monopoint with matching finish and 78" of field-shortenable cable. This complete fixture mounts over a junction box and includes the specified pendant, a Juno domed shape monopoint with internal electronic transformer, mounting hardware, and lamp.

MP3 Type: Triple round monopoint with matching finish and 78" of field-shortenable cable. This complete fixture mounts over a junction box and includes the three specified pendants, a Juno 99014 style non-QJ triple monopoint with internal electronic transformer(s), mounting hardware, and lamps.



MF Type



MP Type



MP3 Type

Lamp Choices



LED All Juno Contemporary Decorative Pendants are available with 5-watt LED light engines (included). They feature the very latest in LED technology to deliver brilliant white light in 2700K or 3000K color temperatures with unsurpassed energy savings and an extraordinary service life of 50,000 hours. LEDs consume as little as 15% of the energy of conventional lighting and last up to 20-times longer. Juno LED pendants are fully dimmable when combined with a LED-compatible power source and appropriate dimmer.



Low Voltage Halogen Bi-Pin All of the Juno Contemporary Decorative Pendants can be ordered with 12V halogen bi-pin lamps. These economical low voltage miniature lamps provide bright, warm light which naturally warms further when dimmed.

Contemporary | Decorative Pendants

Low Voltage (12V)

P38 Dolce

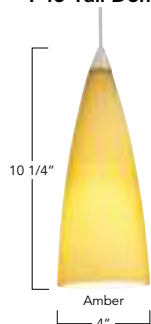


For a look that's truly "sweet" consider the P38 Dolce shade wrapped with dark, iridescent swirls. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P38	QJ		STN	CDZ	P38QJ-STN-CDZ
	QJ Quick Jack Adapter	Blank 12V 50W Halogen Bi-Pin	BRZ Vintage Bronze	CDZ Chocolate Drizzle	
	MF Flat Monopoint	LA2 12V 5W LED, 2700K	STN Satin Nickel		
	MP Single Dome Monopoint	LA3 12V 5W LED, 3000K			
	MP3 Triple Disc Monopoint				

P45 Tall Dome



Create a magical aura in three contemporary colors with the impressive P45 Tall Dome cased etched glass shade. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P45	QJ	LA2	STN	AMB	P45QJLA2-STN-AMB
	QJ Quick Jack Adapter	Blank 12V 50W Halogen Bi-Pin	BRZ Vintage Bronze	AMB Amber	
	MF Flat Monopoint	LA2 12V 5W LED, 2700K	STN Satin Nickel	FRT Frost	
	MP Single Dome Monopoint	LA3 12V 5W LED, 3000K		LIM Lime Green	
	MP3 Triple Disc Monopoint				



P47 Fargo



The P47 Fargo glass shade features a hand-crafted design inspired by the fury of a winter storm. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P47	QJ	LA3	STN	BLZ	P47QJLA3-STN-BLZ
	QJ Quick Jack Adapter	Blank 12V 50W Halogen Bi-Pin	STN Satin Nickel	BLZ Blizzard	
	MF Flat Monopoint	LA2 12V 5W LED, 2700K			
	MP Single Dome Monopoint	LA3 12V 5W LED, 3000K			
	MP3 Triple Disc Monopoint				

P52 Onyx Dome



The P52 Onyx Dome shade is cut from natural Onyx stone and polished to a beautiful finish. Since no two shades are exactly alike, Juno hand-matches shades in the same sales order. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P52	QJ	LA2	STN	AMO	P52QJLA2-STN-AMO
	QJ Quick Jack Adapter	Blank 12V 50W Halogen Bi-Pin	BRZ Vintage Bronze	AMO Amber Onyx	
	MF Flat Monopoint	LA2 12V 5W LED, 2700K	STN Satin Nickel	WHO White Onyx	
	MP Single Dome Monopoint	LA3 12V 5W LED, 3000K			
	MP3 Triple Disc Monopoint				



Juno Onyx Pendants are natural stone, cut from the earth. Each one is a unique work of art with no two exactly alike. There is a beautiful variation of color and graining from shade to shade. Juno hand matches groups of shades that have similar characteristics per order.

Please discuss your expectations with your sales representative.

P61 Medium Dome



The P61 Medium Dome cased etched glass fixture is topped with a conical finial that completes its tapered shape. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P61	QJ	LA3	STN	AMB	P61QJLA2-STN-AMB
	QJ Quick Jack Adapter	Blank 12V 50W Halogen Bi-Pin	BRZ Vintage Bronze	AMB Amber	
	MF Flat Monopoint	LA2 12V 5W LED, 2700K	STN Satin Nickel	OPL Opal	
	MP Single Dome Monopoint	LA3 12V 5W LED, 3000K			
	MP3 Triple Disc Monopoint				

See "How to Order Contemporary Low Voltage Pendants" at the start of this section.

Contemporary | Decorative Pendants

Low Voltage (12V)

P68 Tear Drop



The hand-blown P68 Tear Drop glass shade comes in a dramatic hand-crafted finish which resembles the flames of a raging firestorm. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P68	QJ	LA2	–	STN	P68QJLA2-STN-AMS
	QJ Quick Jack Adapter MF Flat Monopoint MP Single Dome Monopoint MP3 Triple Disc Monopoint	Blank 12V 50W Halogen Bi-Pin LA2 12V 5W LED, 2700K LA3 12V 5W LED, 3000K	BRZ Vintage Bronze STN Satin Nickel	AMS Amber Storm	

P88 Charlotte



Choose from three dramatic looks with the P88 Charlotte elliptical-shaped glass shade, a striking addition to any room. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P88	QJ	LA2	–	SUN	P88QJLA2-STN-SUN
	QJ Quick Jack Adapter MF Flat Monopoint MP Single Dome Monopoint MP3 Triple Disc Monopoint	Blank 12V 50W Halogen Bi-Pin LA2 12V 5W LED, 2700K LA3 12V 5W LED, 3000K	BRZ Vintage Bronze STN Satin Nickel	AMS Amber Storm RAD Radiant Red SUN Sundae	



P95 Long Cone



The chic P95 Long Cone art glass fixture is hand-blown in a dramatic finish which resembles a tortoise shell pattern. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P95	QJ	LA2	–	TOR	P95QJLA2-STN-TOR
	QJ Quick Jack Adapter MF Flat Monopoint MP Single Dome Monopoint MP3 Triple Disc Monopoint	Blank 12V 50W Halogen Bi-Pin LA2 12V 5W LED, 2700K LA3 12V 5W LED, 3000K	BRZ Vintage Bronze STN Satin Nickel	TOR Tortoise	

P136 Medium Cylinder



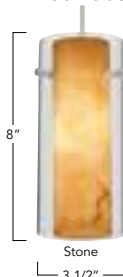
The P136 Medium Cylinder shade is crafted into a cylindrical shape from natural Onyx stone and buffed to give it an alluring appearance. Since no two shades are exactly alike, Juno hand-matches shades in the same sales order. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P136	QJ	LA2	–	AMO	P136QJLA2-STN-AMO
	QJ Quick Jack Adapter MF Flat Monopoint MP Single Dome Monopoint MP3 Triple Disc Monopoint	Blank 12V 50W Halogen Bi-Pin LA2 12V 5W LED, 2700K LA3 12V 5W LED, 3000K	BRZ Vintage Bronze STN Satin Nickel	AMO Amber Onyx	

Juno Onyx Pendants are natural stone, cut from the earth. Each one is a unique work of art with no two exactly alike. There is a beautiful variation of color and graining from shade to shade. Juno hand matches groups of shades that have similar characteristics per order. Please discuss your expectations with your sales representative.

P160 Tubes



The P160 Tubes features a layered aesthetic with a tubular inner glass shade, available in Frost or hand-painted faux Stone finish, which is encased by a clear tubular outer glass. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P160	QJ	–	STN	STO	P160QJ-STN-STO
	QJ Quick Jack Adapter MF Flat Monopoint MP Single Dome Monopoint MP3 Triple Disc Monopoint	Blank 12V 50W Halogen Bi-Pin	BRZ Vintage Bronze STN Satin Nickel	FRT Frost STO Stone	



See "How to Order Contemporary Low Voltage Pendants" at the start of this section.

How to Order Contemporary Line Voltage Pendants

Start by picking out your perfect pendant from the magnificent Juno collection. Next, select the adapter* for the system you will be using. Juno pendants can be installed on Trac-Master®, MonoLine®, or Monopoints.



Juno MonoLine® is an exceptionally beautiful, line voltage trac system that can be hand-bent to create aesthetic shapes and unique lighting designs. When ordering Juno pendants for MonoLine mounting, specify adapter style **ML**.



Juno Trac-Master is a robust, linear, line voltage trac system. When ordering your Juno pendants for Trac-Master mounting, specify adapter style **TB** (black finish), **TW** (white finish), or **TS** (silver finish).

Monopoint mounting allows you to install Juno line voltage pendants in any location you like without concern for trac position or clearances. The attractive cordset is field adjustable without cutting—simply coil any excess cord into the canopy. When ordering your pendants, specify adapter style **MP**.



Canopy style for medium base, G9 halogen or GU24 CFL pendants

Canopy style for 4-pin CFL pendants

Lamp Choices

Once you have selected your pendant, finish and mounting system, simply choose a lamp for your Juno pendant and your order will be complete. Four line voltage lamp styles, in a variety of wattages, are available to suit virtually any application.



G9 Halogen lamps can be specified for every fixture in the Juno line voltage family, and can be used with all three available mounting systems. The included G9 frosted lamps are 120V/40W and provide bright, efficient lighting with outstanding color rendering and warm natural light when dimmed.



4-Pin CFL lamps are available for use with select Contemporary line voltage pendants for monopoint applications only. These CFL pendants come with a commercial-grade ballast that is concealed within the domed monopoint canopy. 4-pin CFL lamps offer substantial operating economies over equivalent halogen units and are available in 13, 18, and 26 watt ratings. Lamps are not included.



GU24 LED lamps are available on select Contemporary line voltage pendants and offer substantially reduced operating costs when compared to halogen lamps. The included GU24 LED lamp features a twist and lock base with integral driver. GU24 LED Pendants may be specified with 6W, 9W or 11W lamps as shown. These lamps offer 25,000 hour rated life, 2700K color temperatures and 80+ CRI performance.



Medium Base "A" lamps, also known as E26 Edison base lamps, are screw-in type lamps which include incandescent, CFL, LED, and cold cathode light sources. Screw-in type lamps are commonly available and they make maintenance simple and fast. Correct lamp usage is determined by lamp size, wattage and type of lamp – check lamp manufacturer product specifications for incandescent lamp equivalency.

*MonoLine adapter finish matches hardware finish. If different finish required, consult factory.

P38 Dolce

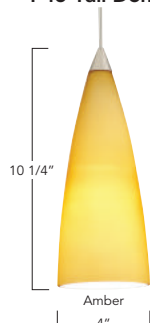


For a look that's truly "sweet" consider the P38 Dolce shade wrapped with dark, iridescent swirls. Includes shade and hardware, 72" cordset and lamp (except "A" medium base and 4-pin CFL lamp types – order separately).

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P38	ML	G	STN	CDZ	P38MLG-STN-CDZ
	MP Single Dome Monopoint MP3 Triple Disc Monopoint	A Medium Base Socket 60W Max. G G9 40W Max. F3 13W CFL 4-Pin (MP Monopoint Only) F8 18W CFL 4-Pin (MP Monopoint Only) L6 6W GU24 LED L9 9W GU24 LED	BRZ Vintage Bronze STN Satin Nickel	CDZ Chocolate Drizzle	
	ML Juno MonoLine TB Juno Trac-Master, Black TS Juno Trac-Master, Silver TW Juno Trac-Master, White	A Medium Base Socket 60W Max. G G9 40W Max. L6 6W GU24 LED L9 9W GU24 LED			Note: L6 and L9 styles only are ENERGY STAR® qualified.

P45 Tall Dome



Create a magical aura in three contemporary colors with the impressive P45 Tall Dome cased etched glass shade. Includes shade and hardware, 72" cordset and lamp (except "A" medium base and 4-pin CFL lamp types – order separately).

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P45	ML	G	STN	AMB	P45MLG-STN-AMB
	MP Single Dome Monopoint MP3 Triple Disc Monopoint	A Medium Base Socket 100W Max. G G9 40W Max. F3 13W CFL 4-Pin (MP Monopoint Only) F8 18W CFL 4-Pin (MP Monopoint Only) L6 6W GU24 LED L9 9W GU24 LED	BRZ Vintage Bronze STN Satin Nickel	AMB Amber FRT Frost LIM Lime Green	
	ML Juno MonoLine TB Juno Trac-Master, Black TS Juno Trac-Master, Silver TW Juno Trac-Master, White	A Medium Base Socket 100W Max. G G9 40W Max. L6 6W GU24 LED L9 9W GU24 LED			Note: L6 and L9 styles only are ENERGY STAR® qualified.

P47 Fargo



The P47 Fargo glass shade features a hand-crafted design inspired by the fury of a winter storm. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P47	ML	G	STN	BLZ	P47MLG-STN-BLZ
	MP Single Dome Monopoint MP3 Triple Disc Monopoint	G G9 40W Max.	STN Satin Nickel	BLZ Blizzard	
	ML Juno MonoLine TB Juno Trac-Master, Black TS Juno Trac-Master, Silver TW Juno Trac-Master, White	G G9 40W Max.			

P52 Onyx Dome



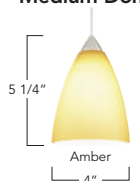
The P52 Onyx Dome shade is cut from natural Onyx stone and polished to a beautiful finish. Since no two shades are exactly alike, Juno hand-matches shades in the same sales order. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P52	ML	G	STN	AMO	P52MLG-STN-AMO
	MP Single Dome Monopoint MP3 Triple Disc Monopoint	G G9 40W Max.	BRZ Vintage Bronze STN Satin Nickel	AMO Amber Onyx WHO White Onyx	
	ML Juno MonoLine TB Juno Trac-Master, Black TS Juno Trac-Master, Silver TW Juno Trac-Master, White	G G9 40W Max.			

Juno Onyx Pendants are natural stone, cut from the earth. Each one is a unique work of art with no two exactly alike. There is a beautiful variation of color and graining from shade to shade. Juno hand matches groups of shades that have similar characteristics per order. Please discuss your expectations with your sales representative.

P61 Medium Dome



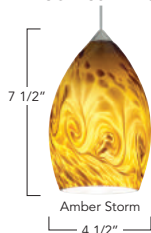
The P61 Medium Dome cased etched glass fixture is topped with a conical finial that completes its tapered shape. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P61	ML	G	STN	AMB	P61MLG-STN-AMB
	MP Single Dome Monopoint MP3 Triple Disc Monopoint	G G9 40W Max.	BRZ Vintage Bronze STN Satin Nickel	AMB Amber OPL Opal	
	ML Juno MonoLine TB Juno Trac-Master, Black TS Juno Trac-Master, Silver TW Juno Trac-Master, White	G G9 40W Max.			

See "How to Order Contemporary Line Voltage Pendants" at the start of this section.

P68 Tear Drop



The hand-blown P68 Tear Drop glass shade comes in a dramatic hand-crafted finish which resembles the flames of a raging firestorm. Includes shade and hardware, 72" cordset and lamp (except "A" medium base and 4-pin CFL lamp types – order separately).

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P68	ML	G	STN	AMS	P68MLG-STN-AMS
	MP Single Dome Monopoint MP3 Triple Disc Monopoint	A Medium Base Socket 60W Max. G G9 40W Max. F3 13W CFL 4-Pin (MP Monopoint Only) F8 18W CFL 4-Pin (MP Monopoint Only) L6 6W GU24 LED L9 9W GU24 LED	BRZ Vintage Bronze STN Satin Nickel	AMS Amber Storm	
	ML Juno MonoLine TB Juno Trac-Master, Black TS Juno Trac-Master, Silver TW Juno Trac-Master, White	A Medium Base Socket 60W Max. G G9 40W Max. L6 6W GU24 LED L9 9W GU24 LED	Note: L6 and L9 styles only are ENERGY STAR® qualified.		

P88 Charlotte

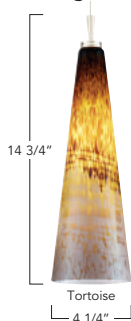


Choose from three dramatic looks with the P88 Charlotte elliptical-shaped glass shade, a striking addition to any room. Includes shade and hardware, 72" cordset and lamp (except 4-pin CFL lamp types – order separately).

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P88	ML	G	STN	SUN	P88MLG-STN-SUN
	MP Single Dome Monopoint MP3 Triple Disc Monopoint	G G9 40W Max. F3 13W CFL 4-Pin (MP Monopoint Only) F8 18W CFL 4-Pin (MP Monopoint Only)	BRZ Vintage Bronze STN Satin Nickel	AMS Amber Storm RAD Radiant Red SUN Sundae	 Radiant Red Amber Storm
	ML Juno MonoLine TB Juno Trac-Master, Black TS Juno Trac-Master, Silver TW Juno Trac-Master, White	G G9 40W Max.			

P95 Long Cone



The chic P95 Long Cone art glass fixture is hand-blown in a dramatic finish which resembles a tortoise shell pattern. Includes shade and hardware, 72" cordset and lamp (except "A" medium base and 4-pin CFL lamp types – order separately).

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P95	ML	G	STN	TOR	P95MLG-STN-TOR
	MP Single Dome Monopoint MP3 Triple Disc Monopoint	A Medium Base Socket 150W Max. G G9 40W Max. F3 13W CFL 4-Pin (MP Monopoint Only) F8 18W CFL 4-Pin (MP Monopoint Only) F6 26W CFL 4-Pin (MP Monopoint Only)	BRZ Vintage Bronze STN Satin Nickel	TOR Tortoise	
	ML Juno MonoLine TB Juno Trac-Master, Black TS Juno Trac-Master, Silver TW Juno Trac-Master, White	A Medium Base Socket 150W Max. G G9 40W Max.			

See "How to Order Contemporary Line Voltage Pendants" at the start of this section.

P136 Medium Cylinder



The P136 Medium Cylinder shade is crafted into a cylindrical shape from natural Onyx stone and buffed to give it an alluring appearance. Since no two shades are exactly alike, Juno hand-matches shades in the same sales order. Includes shade and hardware, 72" cordset and lamp (except "A" medium base and 4-pin CFL lamp types – order separately).

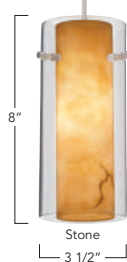
Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P136	ML	G	STN	AMO	P136MLG-STN-AMO
	MP Single Dome Monopoint MP3 Triple Disc Monopoint	A Medium Base Socket 100W Max. G G9 40W Max. F3 13W CFL 4-Pin (MP Monopoint Only) F8 18W CFL 4-Pin (MP Monopoint Only) F6 26W CFL 4-Pin (MP Monopoint Only) L6 6W GU24 LED L9 9W GU24 LED L11 11W GU24 LED	BRZ Vintage Bronze STN Satin Nickel	AMO Amber Onyx	
	ML Juno MonoLine TB Juno Trac-Master, Black TS Juno Trac-Master, Silver TW Juno Trac-Master, White	A Medium Base Socket 100W Max. G G9 40W Max. L6 6W GU24 LED L9 9W GU24 LED L11 11W GU24 LED			Note: L6, L9 and L11 styles only are ENERGY STAR® qualified.

Juno Onyx Pendants are natural stone, cut from the earth. Each one is a unique work of art with no two exactly alike. There is a beautiful variation of color and graining from shade to shade. Juno hand matches groups of shades that have similar characteristics per order.

Please discuss your expectations with your sales representative.

P160 Tubes



The P160 Tubes features a layered aesthetic with a tubular inner glass shade, available in Frost or hand-painted faux Stone finish, which is encased by a clear tubular outer glass. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	Hardware Finish	Shade Finish	Example
P160	ML	G	STN	STO	P160MLG-STN-STO
	MP Single Dome Monopoint MP3 Triple Disc Monopoint	G G9 40W Max.	BRZ Vintage Bronze STN Satin Nickel	FRT Frost STO Stone	
	ML Juno MonoLine TB Juno Trac-Master, Black TS Juno Trac-Master, Silver TW Juno Trac-Master, White	G G9 40W Max.			



How to Order Classic Pendants

Juno Classic Pendants feature a brilliant selection of styles, shapes and materials ranging from luminous artisan-glass to the fashionable look of lustrous metal. Juno Classic Pendants are fully compatible with all Juno trac systems and monopoints.

Ordering a Juno Classic Decorative Pendant is simple. First, select your preferred pendant shade style from the wide array of choices. Then determine your mounting method from five trac system choices: Trac-Master, Trac-Lites, MonoLine, Trac 12, or Flex 12.

Finally choose the cordset that corresponds to your mounting system. Cordsets are ordered separately and are supplied with either an energy efficient LED light engine or halogen bi-pin socket assembly and diffuser capsule, a 78" or 144" plated coaxial cable, the specified system adapter which enables field shortening of the cable and a 7" cord straightening sleeve.

Trac-Master, Trac-Lites and MonoLine Line Voltage

To operate Juno Classic Pendants with either Trac-Master or Trac-Lites trac, select the desired Quick Jack Pendant cordset plus one of the T537QJ series or T538QJ transformers (order separately) to match the chosen light source. To operate Juno Classic Pendants on MonoLine trac, use one of the MLTQJ Quick Jack Transformer adapters.



MonoLine®
MLTQJ75
MLTQJL75



**Trac-Master®
Trac-Lites™,**
T537QJ
T537QJU
T538QJ

Cordset Styles

Pendant cordsets are available for Juno Classic Pendants that offer compatibility with most Juno trac systems. Cordsets are selected based on both adapter type and lamp choice. There are cordsets with Trac-Master adapters for halogen lamp types; these can be used with halogen compatible transformers and accessories. There are Trac 12 and Flex 12 adapters for both LED and halogen lamp types; these can be used with their respective low voltage trac systems or with monopoints that are compatible with the chosen light source. There are Quick Jack adapters for both LED and halogen lamp types; these can be used with various transformer adapters available for line voltage trac systems or with Quick Jack monopoints that are compatible with the chosen light source. There is a cordset style designed to meet every application need.



Trac-Master®
TP78
TP144



**Trac 12™
Trac 12/25**
TLP78
TLP144
TLPLED78
TLPLED144



Flex 12™
TFP78
TFP144
TFPLED78
TFPLED144



Quick Jack
TLQJP78
TLQJP144
TLQJPLED78
TLQJPLED144

Lamp Choices



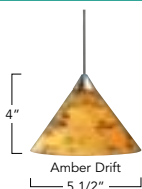
LED Most Juno Classic Decorative Pendants are available with 5-watt LED light engines (included). They feature the very latest in LED technology to deliver brilliant white light in 2700K or 3000K color temperatures with unsurpassed energy savings and an extraordinary service life of 50,000 hours. LEDs consume as little as 15% of the energy of conventional lighting and last up to 20-times longer. Juno LED pendants are fully dimmable when combined with a LED-compatible power source and appropriate dimmer.



Low Voltage Halogen Bi-Pin All of the Juno Classic Decorative Pendants can be specified with 12V or 24V halogen bi-pin lamps. These economical low voltage miniature lamps provide bright, warm light which naturally warms further when dimmed. Classic Pendants are compatible with either or both T4 or MR16 halogen bi-pin lamps – see specific pendant shades for lamp compatibility and wattage details. Halogen bi-pin lamps are NOT included with Classic Pendants and must be ordered separately.

TLP310 Short Cone - Glass

Hand blown cased glass shade with opal interior and satin nickel plated finial.



Catalog

TLP310AMBERDRIFT
TLP310OPAL

Finish



Lamp / Cordset Compatibility

Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max.,
T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP311 Short Cone - Metal

Spun metal shade with high-reflectance white interior finish and satin nickel plated finial.



Catalog

TLP311SILVER

Finish



Lamp / Cordset Compatibility

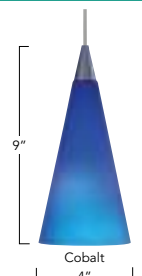
Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max.,
T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP312 Tall Cone

Hand blown cased glass shade with opal interior and satin nickel plated finial.



Catalog

TLP312COBALT
TLP312OPAL
TLP312PISTACHIO
TLP312ROUGE

Finish



Lamp / Cordset Compatibility

Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max.,
T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP314 Flute - Glass

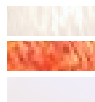
Hand blown cased glass shade with opal interior and satin nickel plated finial.



Catalog

TLP314GLACIER
TLP314INFERNO
TLP314OPAL

Finish



Lamp / Cordset Compatibility

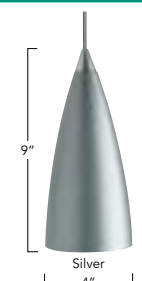
Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max.,
T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP315 Flute - Metal

Spun metal shade with high-reflectance white interior finish and satin nickel plated finial. The silver finish is a textured metallic silver plated finish.



Catalog

TLP315SILVER

Finish



Lamp / Cordset Compatibility

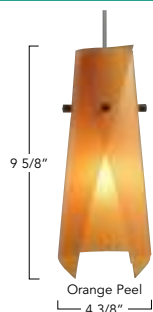
Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 37W max.,
T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP316 Wrap

Precision cut, interleaved layers of suede polycarbonate or parchment sheet captured by a nickel plated support spider and cap nuts.



Catalog

TLP316FROST

TLP316ORANGEPEEL

TLP316PARCHMENT

Finish



Lamp / Cordset Compatibility

Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max., T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP318 Teardrop

Hand blown cased glass shade with opal interior and satin nickel plated finial.



Catalog

TLP318GLACIER

Finish



Lamp / Cordset Compatibility

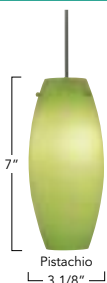
Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max., T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP322 Ellipse

Hand blown cased glass shade with opal interior and satin nickel plated support spider.



Catalog

TLP322COBALT

TLP322OPAL

TLP322PISTACHIO

Finish



Lamp / Cordset Compatibility

Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max., T4 GY6.35 bi-pin capsule.

TLP324 Cylinder

Hand blown cased glass shade with opal interior and satin nickel plated support spider.



Catalog

TLP324OPAL

Finish



Lamp / Cordset Compatibility

Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max., T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP326 RLM - Glass

Hand blown cased glass shade with opal interior and chrome plated top cap.



Catalog

TLP326MAIZE

TLP326OPAL

Finish



Lamp / Cordset Compatibility

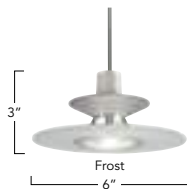
Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max., T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP328 Disc

Precision aluminum casting with integrated aperture ring securely supports tempered glass disc. Use of dichroic MR16 lamps washes inverted cone with a decorative aura.



Catalog

TLP328FROST

Finish



Lamp / Cordset Compatibility

Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with halogen cordset and 12V or 24V, 50W max., MR16CG cover glass lamp.



Classic | Decorative Pendants

LED Cordsets



Trac-Master®/Trac-Lites™/MonoLine® Line Voltage Trac

To operate LED Classic Decorative Pendants with either Trac-Master or Trac-Lites Trac, select one of the Quick Jack Pendant Cordsets shown below plus one of the LED-compatible T537QJU Transformers (order separately) to match the chosen trac finish. To operate LED Classic Decorative Pendants with MonoLine Trac, select one of the Quick Jack Pendant Cordsets shown below plus one of the MLTQJL75 LED-compatible Quick Jack Transformer Adapter. Includes LED light engine with heat sink and proprietary silicone diffuser ball, Quick Jack adapter for field-shortening cable, 78" or 144" of plated coaxial cable and 7" cord straightening sleeve.

Catalog #	Description
TLQJPLED78-XX	12V, 5W Quick Jack LED Pendant Cordset, 78" Long
TLQJPLED144-XX	12V, 5W Quick Jack LED Pendant Cordset, 144" Long

Finish: Nickel (NI)

Color Temperatures: 27K=2700K, 3K=3000K

For complete catalog number, specify finish when ordering fixture - ordering example: TLQJPLED78-27K-NI (replace XX in catalog # with color temperature code)

Catalog #	Description
T537QJU	12V, 50W LED-Compatible Quick Jack Transformer for use with 120V Trac-Master or Trac-Lites Trac or T58 Monopoint

Finishes: White (WH), Black (BL), Silver (SL)



Quick Jack Pendant Cordsets

To operate LED Classic Decorative Pendants with Quick Jack monopoints, select one of the Quick Jack Pendant Cordsets shown below plus one of the Quick Jack LED-compatible monopoints listed below. Includes LED light engine with heat sink and proprietary silicone diffuser ball, Quick Jack adapter for field-shortening cable, 78" or 144" of plated coaxial cable and 7" cord straightening sleeve.

Catalog #	Description
TLQJPLED78-XX	12V, 5W Quick Jack LED Pendant Cordset, 78" Long
TLQJPLED144-XX	12V, 5W Quick Jack LED Pendant Cordset, 144" Long

Finish: Nickel (NI)

Color Temperatures: 27K=2700K, 3K=3000K

For complete catalog number, specify finish when ordering fixture - ordering example: TLQJPLED78-27K-NI (replace XX in catalog # with color temperature code)

Compatible with LED-compatible Quick Jack monopoints including the following:
 902QJ (when used with LED-compatible transformer)
 905QJL
 907QJ (when used with LED-compatible transformer)
 909QJL
 99014QJL

Trac 12™



To operate LED Decorative Pendants with either Trac 12 or Trac 12/25 Trac or Trac 12 Monopoints, select one of the Trac 12 Pendant Cordsets shown below. Trac or monopoints must be operated using a 12V LED-compatible transformer - see Trac 12 or Trac 12/25 transformer specification sheets for details. For integral transformer monopoint application, operate with LED-compatible TL540U monopoint only. Includes LED light engine with heat sink and proprietary silicone diffuser ball, Trac 12 adapter, splice compartment with terminal block for field-shortening cable, 78" or 144" of plated coaxial cable and 7" cord straightening sleeve.

Catalog #	Description
TLPLED78-XX	12V, 5W Trac 12 LED Pendant Cordset, 78" Long
TLPLED144-XX	12V, 5W Trac 12 LED Pendant Cordset, 144" Long

Finishes: White (WH), Black (BL), Silver (SL)

Color Temperatures: 27K=2700K, 3K=3000K

For complete catalog number, specify finish when ordering fixture - ordering example: TLPLED78-27K-WH (replace XX in catalog # with color temperature code)

Flex 12™



To operate LED Decorative Pendants with either Flex 12 Trac or Monopoints, select one of the Flex 12 Pendant Cordsets shown below. Trac or monopoints must be operated using a 12V LED-compatible transformer - see Flex 12 transformer specification sheets for details. For integral transformer monopoint application, operate with TF540U monopoint only. Includes LED light engine with heat sink and proprietary silicone diffuser ball, Flex 12 adapter, splice compartment with terminal block for field-shortening cable, 78" or 144" of plated coaxial cable and 7" cord straightening sleeve.

Catalog #	Description
TFPLED78-XX	12V, 5W Flex 12 LED Pendant Cordset, 78" Long
TFPLED144-XX	12V, 5W Flex 12 LED Pendant Cordset, 144" Long

Finishes: Silver (SL)

Color Temperatures: 27K=2700K, 3K=3000K

For complete catalog number, specify finish when ordering fixture - ordering example: TFPLED78-27K-SL (replace XX in catalog # with color temperature code)

Trac-Master®/Trac-Lites™ Line Voltage Trac

Pendant cordset for use with 120-volt Trac-Master or Trac-Lites Trac and monopoint accessories. Requires the use of T537 or T538 transformers or Juno low voltage recessed monopoints (order separately - see Trac-Master Low Voltage Transformers and Monopoints sections). Includes splice compartment with terminal block for field-shortening cable, 78" or 144" of plated coaxial cable, 7" cord straightening sleeve, socket assembly and frosted glass diffuser capsule. Order lamp separately.

Catalog #	Description
TP78	Trac-Master Halogen Pendant Cordset, 78" Long
TP144	Trac-Master Halogen Pendant Cordset, 144" Long

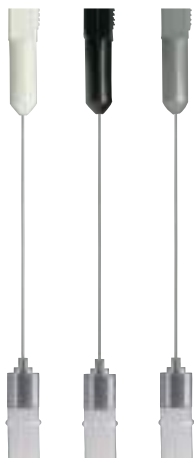


Trac 12™

Pendant cordset for use with Trac 12 trac systems and monopoints. Includes Trac 12 adapter, splice compartment with terminal block for field-shortening cable, 78" or 144" of plated coaxial cable, 7" cord straightening sleeve, socket assembly and frosted glass diffuser capsule. Order lamp separately.

Catalog #	Description
TLP78	Trac 12 Halogen Pendant Cordset, 78" Long
TLP144	Trac 12 Halogen Pendant Cordset, 144" Long

Finishes: White (WH), Black (BL), Silver (SL)



Quick Jack Pendant Cordsets

Pendant cordset for use with Quick Jack Series Transformers, Adapters or Juno QJ Monopoints. Also enables halogen Classic Decorative Pendants to be used with MonoLine trac systems using MLTQJ75 Quick Jack Transformer Adapter. Includes Quick Jack adapter for field shortening cable, 78" or 144" of plated coaxial cable, 7" cord straightening sleeve, socket assembly and frosted glass diffuser capsule. Order lamp separately.

Catalog #	Description
TLQJP78NI	Quick Jack Halogen Pendant Cordset, 78" Long
TLQJP144NI	Quick Jack Halogen Pendant Cordset, 144" Long

Finish: Nickel (NI)

Compatible with all Juno Quick Jack systems including the following:

902QJ
905QJ
907QJ
909QJ
99014QJ
MLTQJ75
T537QJ
T538QJ
TQJDL-CLAMP

Flex 12™

Pendant cordset for use with Flex 12 trac systems and monopoints. Includes Flex 12 adapter, splice compartment with terminal block for field-shortening cable, 78" or 144" of plated coaxial cable, 7" cord straightening sleeve, socket assembly and frosted glass diffuser capsule. Order lamp separately.

Catalog #	Description
TFP78	Flex 12 Halogen Pendant Cordset, 78" Long
TFP144	Flex 12 Halogen Pendant Cordset, 144" Long

Finish: Silver (SL)



Halogen Bi-Pin Lamp Data T4 Bi-Pin Base Lamps

Catalog #	Watts	Volts	Lamp Type	Clear/Frosted	Rated Lumens*	Lamp Life*
TL925	35	12	Halogen	Clear	600	4,000
TL926	50	12	Halogen	Clear	930	4,000
TL926-24V	50	24	Halogen	Clear	850	2,000

* Rated lumens and lamp life provided by lamp manufacturer.

Quick Jack Monopoints

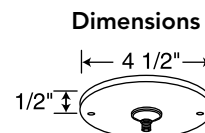
Complete series of monopoints for surface, recessed, or multi-pendant mounting. Includes integral transformer and remote transformer versions.

902QJ Flat Quick Jack Monopoint for use with Remote Transformers

Mounts over standard junction box. Wall or ceiling mount. Accepts Juno Quick Jack Pendant Cordsets. 50W max.



Catalog #	Finish
902QJ-BLK	Black
902QJ-BRZ	Vintage Bronze
902QJ-STN	Satin Nickel
902QJ-WHT	White

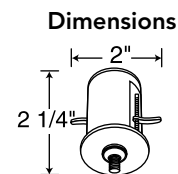


907QJ Flat Mini Quick Jack Monopoint for Remodel Applications and use with Remote Transformers

2" deep wiring compartment. 1/2" K.O. for conduit fitting. Accepts Juno Quick Jack Pendant Cordsets. 50W max.



Catalog #	Finish
907QJ-BLK	Black
907QJ-BRZ	Vintage Bronze
907QJ-STN	Satin Nickel
907QJ-WHT	White



8060-120V 60 Watt Miniature Transformer

With thermal protection and RFI suppression. Fits in a standard fixture Junction Box. For use with the 902QJ Monopoint and all halogen Quick Jack fixtures and pendant cordsets. Dimmable. 1" H, 2-5/8" L, 1-7/16" W



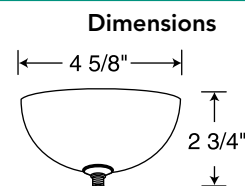
Catalog #	Input Voltage	Output
8060-120V	120V	12V, 60W

905QJL LED-Compatible Quick Jack Monopoint

With built-in LED-compatible electronic transformer. Mounts over standard junction box. For use with all Quick Jack fixtures and pendants. 60W max. output. 120V input, 12V output. Dimmable.



Catalog #	Finish
905QJL-BRZ	Vintage Bronze
905QJL-STN	Satin Nickel

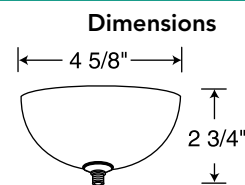


905QJ Quick Jack Monopoint

With built-in electronic transformer. Mounts over standard junction box. For use with all halogen Quick Jack fixtures and pendant cordsets. 50W max. output. 120V input, 12V output. Dimmable.



Catalog #	Finish
905QJ-BRZ	Vintage Bronze
905QJ-STN	Satin Nickel



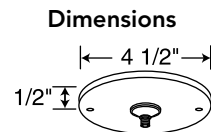
909QJ Flat Quick Jack Monopoint with Integral Transformer

With built-in electronic transformer that installs inside junction box. Mounts over standard junction box. For use with all halogen Quick Jack fixtures and pendants. 50W max. output. 120V input, 12V output. Dimmable.



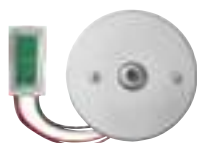
Catalog #
909QJ-STN

Finish
Satin Nickel



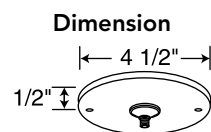
909QJL LED-Compatible Flat Quick Jack Monopoint with Integral Transformer

With built-in electronic transformer that installs inside junction box. Mounts over standard junction box. For use with all LED or incandescent Quick Jack fixtures and pendants. 60W max. output. 120V input, 12V output. Dimmable.



Catalog #
909QJL-STN

Finish
Satin Nickel

























Classic | Decorative Pendants

Pendant Kits

Classic Pendant Kits

Juno Classic Pendant Kits take the guesswork out of ordering monopoint mounted pendants. These kits feature many of the great Juno Classic Decorative Pendant designs in an all-inclusive monopoint kit. They are designed to mount over a standard 4" diameter electrical box and come complete with everything you need for a simple professional installation, including an elegant shade with hardware, a mounting canopy with electronic transformer, and a field-shortenable 78" long coaxial cordset with lamp. PKH halogen kits include 50W halogen bi-pin lamps; PKL LED kits include 2700K color temperature, 5W LED lamps. Juno Classic Pendant Kits can be dimmed with dimmers designed for use with electronic low voltage (ELV) transformers.

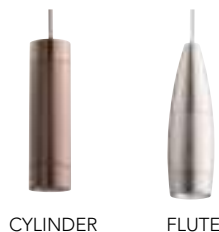


LED Kit Catalog #	Halogen Kit Catalog #	Shade Finish
PKL310AMBERDRIFT PKL310OPAL	PKH310AMBERDRIFT PKH310OPAL	
PKL311SILVER		
PKL312COBALT PKL312OPAL PKL312PISTACHIO PKL312ROUGE	PKH312COBALT PKH312OPAL PKH312ROUGE	   
PKL314GLACIER PKL314INFERNO PKL314OPAL	PKH314GLACIER PKH314INFERNO PKH314OPAL	  
PKL316FROST PKL316ORANGEPEEL PKL316PARCHMENT	PKH316FROST PKH316ORANGEPEEL PKH316PARCHMENT	  
PKL318GLACIER		
PKL322COBALT PKL322OPAL PKL322PISTACHIO	PKH322COBALT PKH322OPAL PKH322PISTACHIO	  
PKL324OPAL	PKH324OPAL	
PKL326MAIZE PKL326OPAL	PKH326MAIZE PKH326OPAL	 
	PKH328FROST	



LED Mini-Pendants

Choose from the striking Flute design or the slender Cylinder design which is available with optional factory-installed colored glass accents.



CYLINDER

FLUTE

CYLINDER with colored glass accent



AMBER

BLUE

FROST

Features

- Miniature precision-machined aluminum pendant body in a variety of plated or painted finishes
- Ultra-thin, plated braided cable produces elegant aesthetic
- 6-watt nominal power consumption approximates 20-watt halogen
- 41° flood distribution ideal for illuminating over tables, countertops and cash wraps
- 2700K and 3000K color temperatures with 80 CRI minimum provides outstanding color rendering
- 12V AC operation using Juno LED-compatible transformers and monopoints*
- Dimmable using high-quality low voltage dimmers*
- 50,000-hour rated life provides maintenance-free operation
- Versions available for Juno Trac 12, Flex 12 and Quick Jack systems
- Supplied complete with pendant body, cordset and adapter

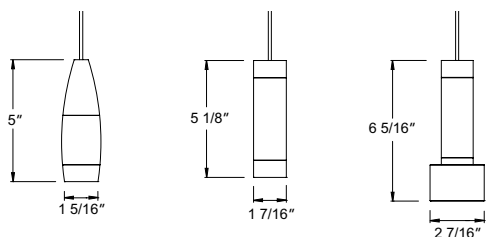
* See specification sheets for dimming and transformer compatibility recommendations

Ordering Information Examples: TLPL1783WHWH, TQJPL11443BZAMBBL

System Type	Lamp	Pendant Style	Cord Length	Color Temperature	Pendant Body Finish	Glass Color (Cylinder Only)	Adapter Finish**
TLP	L	1	78	3	WH		WH
TLP Trac 12 LED Mini-Pendant	L 6W LED	1 Cylinder	78 78"	2 2700K	WH White	BLANK No Glass	WH White (Trac 12 & QJ Only)
TFP		2	144	3	BL	AMB	BL
TFP Flex 12 LED Mini-Pendant		2 Flute	144 144"	3 3000K	BL Black	AMB Amber	BL Black (Trac 12 & QJ Only)
TQJP					SN	BLU	SL
TQJP Quick Jack LED Mini-Pendant					Satin Nickel	BLU Blue	SL Silver (Trac 12 & Flex 12 Only)
					BZ	FRT	STN
					Bronze	FRT Frost	STN Satin Nickel (QJ Only)
							BRZ
							BRZ Bronze (QJ Only)

**Select pendant adapter finish to match trac system, monopoint finish

Dimensions



INITIAL FOOTCANDLES

One Unit, 6W LED Mini-Pendant, 41° Beam

Distance to Illuminated Work Plane (Feet)	Footcandles Beam Center	Beam Diameter
1.5	204	1.1'
2.0	115	1.5'
2.5	74	1.9'
3.0	51	2.2'
3.5	38	2.6'
4.0	29	3.0'

Pendants with optional glass accents may exhibit slightly lower light output.



Juno® Undercabinet Lighting

Juno undercabinet and shelf lighting fixtures are designed to provide bright, even illumination for countertops and a variety of other surfaces. Featuring slim, sleek profiles, they can be installed quickly and inconspicuously beneath kitchen cabinets and in work stations. But with their high-quality construction and attractive finishes, it's almost a shame to keep them tucked out of sight. Juno undercabinet lighting is available with the latest in LED technology, offering the ultimate in energy efficiency, cool operation, and long service life. A variety of other light source options including halogen, xenon, and fluorescent accommodates diverse application and budget requirements. No matter what your need – residential, commercial, healthcare, or institutional – this versatile product family provides exceptional task and accent lighting solutions.



LED ... it's the new normal in undercabinet lighting

LEDs are ideal for undercabinet lighting. They are incredibly efficient and can be packaged in small, low-profile fixtures that slip discreetly beneath cabinetry or into small, confined spaces. Taking full advantage of the latest LED technology, Juno undercabinet fixtures are truly state of the art. More than just energy efficient, LEDs project virtually no heat and last 50,000 hours ... that's 34 years of maintenance-free service based on four hours of use per day.

Juno Pro-Series LED fixtures approximate the light level and color of halogen undercabinet lighting but consume just one-sixth the energy. Dimmable with standard incandescent and low voltage dimmers, the warm-white LEDs provide exceptional color consistency and project virtually no heat onto work surfaces or cabinet bottoms. The sleek, beautifully finished modular housings come in a variety of lengths and can be linked together for long linear applications. A unique rear-access wiring compartment provides quick 5-minute installation, making the Pro-Series a favorite among contractors. The fixtures are also available with an Occupancy Sensor Module that facilitates code compliance in commercial applications.

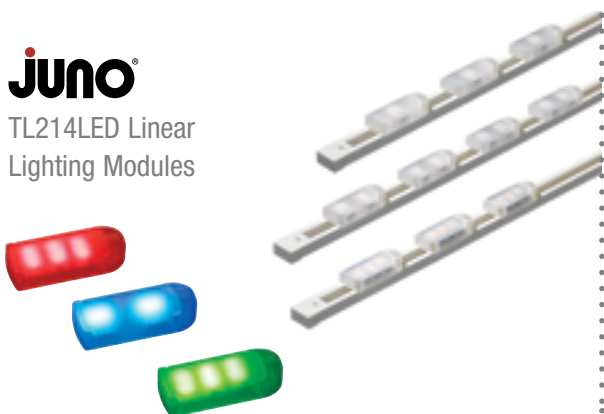
Juno Solo-Task LED luminaires are the mighty-mites of undercabinet and shelf lighting. At less than 3" in diameter and a low 9/16" profile, they hide unobtrusively under cabinets and shelves, yet produce 280 lumens of brilliant white light for task and accent illumination. They provide light levels comparable to 25-watt halogen or xenon, but consume only one-fifth the energy. Install them individually anywhere light is needed or connect them in daisy-chain fashion for uniform linear illumination. Solo-Task LED luminaires can be recessed or surface mounted and operate with standard Juno 12-volt electronic or magnetic transformers, simplifying installation and dimming.

Additional Undercabinet Product Solutions

Juno Lighting Group undercabinet lighting options also include the DanaLite linear lighting family and miniaturized lighting modules for the low-profile Trac 12 system, both of which are described in this Product Guide.

juno

TL214LED Linear
Lighting Modules



DanaLite

Linear Lighting



Solo Task

LED PRODUCT

Page 1140



Solo-Task LED

Pro-Series

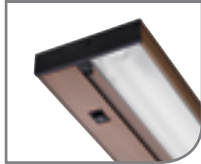
LED PRODUCT

Page 1142



Pro-Series LED

Page 1143



Pro-Series Fluorescent

Page 1144



Pro-Series Xenon
Low Voltage

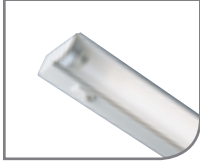
Page 1145



Pro-Series Halogen
Low Voltage

Economy Series

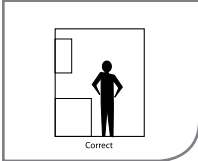
Page 1146



Economy Fluorescent, T5

Application Guide

Page 1147



Juno Trac 12™ Trac Lighting

Page 1066



Refer to Juno Trac 12
Section

DanaLite Standard and Custom Linear Lighting

Page 1150



Refer to DanaLite Section



Juno Lighting Group Corporate Headquarters, Des Plaines, Illinois;
PictureBoy Photography



Undercabinet Lighting | Solo-Task LED

12VAC, 3000K LED Array Fixtures



Surface Mount



Recessed Mount

Description

The Solo-Task LED luminaire offers ultimate flexibility and efficiency for task and accent lighting. The diminutive size allows it to be used easily and unobtrusively in applications where lighting of both superior efficacy and quality is desired. Approximates light levels of 25-watt halogen and xenon sources while using less than 1/5 of the energy, and also generates significantly less heat. The ability to use multiple Solo-Task luminaires together in a daisy-chain method makes installation simple and straightforward. Each luminaire can be installed in the desired location, and then wire can be cut to exact lengths starting from the remote driver, and connected [in-going and out-going] from luminaire to luminaire.

Ordering Information

Model	Hardware Finish	Shade Finish
USTL1	3K	BZ
USTL1 Surface Mount	3K 3000K	BL Black SN Satin Nickel
USTLR1 Recessed Mount		BZ Brushed Bronze WH White
UK3STL* 3 Surface Mount Luminaires Kit		

Finishes



Black Brushed Bronze Satin Nickel White

Transformers

Catalog No.	Finish	Description
TL602E-10-WH	White	10W 12V Electronic Driver/Transformer
TL602E-25-WH	White	25W 12V Electronic Driver/Transformer
TL602E-60-WH	White	60W 12V Electronic Driver/Transformer
TL576-10-BL	Black	10W 12V Magnetic Driver/Transformer
TL576-25-BL	Black	25W 12V Magnetic Driver/Transformer
TL576-60-BL	Black	60W 12V Magnetic Driver/Transformer
USTL548-WH	White	60W 12V Plug-in Electronic Transformer
USTL548-BL	Black	60W 12V Plug-in Electronic Transformer

*Each Kit includes:

3 Surface Mount Luminaires, 1 Plug-in Driver/Transformer with field installed switch, 10-feet of wire, and 5-adhesive backed wire clips

Features

- LED array provides outstanding performance, color quality/consistency and reliability
- 3000K white phosphor array designed to operate using 12-volt AC input
- Available in surface mount or recessed mount configurations
- Quality die-cast aluminum
- Daisy-chain capable utilizing screw-type terminal blocks
- Designer white, black, brushed bronze or satin nickel finishes.
- Rated at 50,000 hours at 70% lumen maintenance
- Onboard luminaire LED driver operates at less than 4-watts input at 12-volts AC
- May be dimmed with dimmers tested and qualified by Juno for use with TL602E and TL576 – driver/transformer specifications for compatible dimmers
- Color temperature remains constant over dimming range
- Warranty period is 5-years from date of purchase

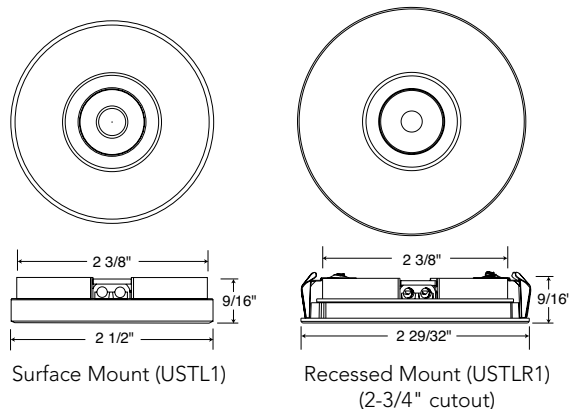
Listing

- UL/C-UL Listed • UL Listed for indoor damp locations
- RoHS compliant

Accessories

Catalog No.	Description
UST18G-10-BL	18AWG 2-Conductor Parallel Bonded Wire, 10-feet, Black
UST18G-25-BL	18AWG 2-Conductor Parallel Bonded Wire, 25-feet, Black
UST18G-10-WH	18AWG 2-Conductor Parallel Bonded Wire, 10-feet, White
UST18G-25-WH	18AWG 2-Conductor Parallel Bonded Wire, 25-feet, White
USTL-REC-BL	Kit to convert Surface Mount to Recessed Mount, Black
USTL-REC-BZ	Kit to convert Surface Mount to Recessed Mount, Brushed Bronze
USTL-REC-SN	Kit to convert Surface Mount to Recessed Mount, Satin Nickel
USTL-REC-WH	Kit to convert Surface Mount to Recessed Mount, White
USTL-SHIELD-BL	Solo-Task Shield, Black
USTL-SHIELD-WH	Solo-Task Shield, White
USTL-SNOOT-BL	Solo-Task Snoot, Black
USTL-SNOOT-WH	Solo-Task Snoot, White

Dimensions



Surface Mount (USTL1)

Recessed Mount (USTLR1)
(2-3/4" cutout)





Undercabinet Lighting | Pro-Series LED

Energy Efficient 2-LED, 4-LED, 6-LED & 8-LED Dimmable Fixtures



Description

The Pro-Series LED modular series with integral electronic driver operates 3000K LEDs for maintenance free 50,000 hour life using 1/6 the energy and virtually no heat when compared to halogen & xenon. Pro-Series LED fixtures are optimized for fast permanent installation, mounting either flush to the rear backsplash or to the front lip of cabinetry to suit project conditions and homeowner preference. Pro-Series LED fixtures are environmentally friendly and contain no harmful mercury.

Listing

UL/C-UL Listed

Finishes



Ordering Information

LED Fixture	Control Options	Finish	Direct Wire/Portable
UPLED22	OCN	BL	CP6
UPLED09 - 9" Pro-Series LED (9-1/2"L x 4-1/2"D x 1"H)	Blank - Includes On/Off Rocker Switch	WH - Designer White	Blank - Direct Wire
UPLED14 - 14" Pro-Series LED (14"L x 4-1/2"D x 1"H)	NS - No Rocker Switch	BL - Black	CP6 ⁽²⁾ - Portable w/ 6' Cord & Plug
UPLED22 - 22" Pro-Series LED (22"L x 4-1/2"D x 1"H)	OC ⁽¹⁾ - Occupancy Sensor w/ Switch	BZ - Brushed Bronze	
UPLED30 - 30" Pro-Series LED (30"L x 4-1/2"D x 1"H)	OCN ⁽¹⁾ - Occupancy Sensor w/o Switch	SL - Brushed Silver	

⁽¹⁾ Occupancy Sensor is available on UPLED 22 and UPLED30 only. ⁽²⁾ UL Listed as portable fixture when supplied from factory with cord & plug.

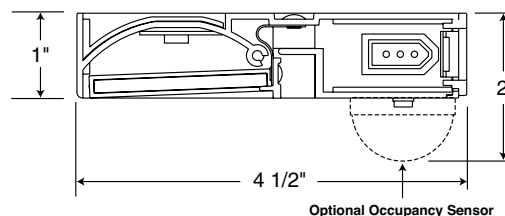
Accessories

Catalog No.	Description
JC3-8-BL	8" Jumper Cord, Black
JC3-8-WH	8" Jumper Cord, Designer White
JC3-17-BL	17" Jumper Cord, Black
JC3-17-WH	17" Jumper Cord, Designer White
JC3-26-BL	26" Jumper Cord, Black
JC3-26-WH	26" Jumper Cord, Designer White
ULH-CONN	3/8" Miniature Die Cast Electrical Connector
ULH-CP-BL	6' Cord & Plug, Black
ULH-CP-WH	6' Cord & Plug, Designer White

Features

- Latest generation high output / high efficiency LEDs for maximum reliability and performance
- 3000K color temperature and industry leading color consistency with 2 Step MacAdam Ellipse Binning.
- 70% of initial illumination at end of 50,000 hour rated life—LEDs will not burn out
- Dimmable with most incandescent, magnetic low voltage or electronic low voltage wall box dimmers
- Optional integral occupancy sensor for 22" and 30" fixture lengths.
- Cool to touch operation with virtually no heat on the cabinet bottom
- No UV or forward projected heat
- Hinged lens captured by spring loaded retention bar cannot accidentally fall out
- Modular design for maximum flexibility and quick installation allows up to 40 fixtures to plug together using the supplied internal straight connector or optional jumper cords
- Rear wireway access cover with flush non-metallic cable clamp and push in electrical connectors facilitate wiring without opening the fixture
- Available in Black, Brushed Bronze, Brushed Silver and Designer White finishes

Dimensions



Example: **UPLED22-OCN-BL-CP6**

Accessories

Catalog No.	Description
ULH-DWM-BL	Direct Wire Module, Black
ULH-DWM-White	Direct Wire Module, Designer White
ULH-DWMOC-BL	Direct Wire Occupancy Sensor Module, Black
ULH-DWMOC-WH	Direct Wire Occupancy Sensor Module, White
ULH-DWMOCRS-BL	Direct Wire Occupancy Sensor Module with Rocker Switch, Black
ULH-DWMOCRS-WH	Direct Wire Occupancy Sensor Module with Rocker Switch, White





Description

The Pro-Series Fluorescent modular series fixtures offer highly efficient illumination in a shallow, easy-to-conceal profile. Ideal for undercabinet, undershelf, and task lighting, where maximum energy efficiency, long lamp life, and cool operation are desired.

Pro-Series Fluorescent fixtures are optimized for fast permanent installation, mounting either flush to the rear backsplash or to the front lip of cabinetry to suit project conditions and homeowner preference.

Listing

UL/C-UL Listed

Finishes

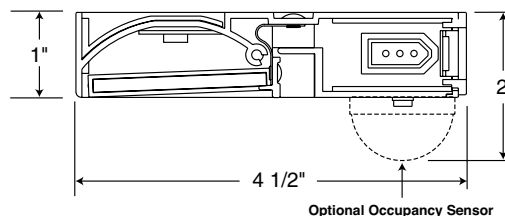


Features

- Fixtures include cool operating, energy efficient 3000K high-color rendering T5 fluorescent lamp
- 10,000 hour rated lamp life*
- Premium UV stabilized acrylic diffuser remains pliable and will not discolor
- Solid front design minimizes perceived fixture brightness
- Optional integral occupancy sensor for all lengths except 12" fixtures
- State of the art 120-volt electronic ballast provides instant lamp starting and quiet, flicker-free operation
- Modular design for maximum flexibility and quick installation allows up to ten fixtures to plug together using the supplied internal straight connector or optional jumper cords
- Maximum energy efficiency:
 - 8 watts = 40 watts halogen
 - 14 watts = 75 watts halogen
 - 21 watts = 100 watts halogen
 - 28 watts = 150 watts halogen
- Available in Black, Brushed Bronze, Brushed Silver and Designer White finishes

* UPF12 supplied with an 8-watt lamp rated at 7500 hours

Dimensions



Ordering Information

Example: **UPF22-OCN-BL-CP6**

Fluorescent Fixture		Control Options		Finish		Direct Wire/Portable
UPF22	-	OCN	-	BL	-	CP6

UPF12 - 12" Pro-Series T5 (12-17/16" L x 4-1/2" D x 1" H)

UPF22 - 22" Pro-Series T5 (22-3/4" L x 4-1/2" D x 1" H)

UPF34 - 34" Pro-Series T5 (34-1/2" L x 4-1/2" D x 1" H)

UPF46 - 46" Pro-Series T5 (46-5/16" L x 4-1/2" D x 1" H)

Blank - Includes On/Off Rocker Switch

NS - No Rocker Switch

OC⁽¹⁾ - Occupancy Sensor w/ Switch

OCN⁽¹⁾ - Occupancy Sensor w/o Switch

WH - Designer White

BL - Black

BZ - Brushed Bronze

SL - Brushed Silver

Blank - Direct Wire

CP6⁽²⁾ - Portable w/ 6' Cord & Plug

⁽¹⁾ Occupancy Sensor is available on UPF12. ⁽²⁾ UL Listed as portable fixture when supplied from factory with cord & plug.

Accessories

Catalog No.	Description
JC3-8-BL	8" Jumper Cord, Black
JC3-8-WH	8" Jumper Cord, Designer White
JC3-17-BL	17" Jumper Cord, Black
JC3-17-WH	17" Jumper Cord, Designer White
JC3-26-BL	26" Jumper Cord, Black
JC3-26-WH	26" Jumper Cord, Designer White
ULH-CONN	3/8" Miniature Die Cast Electrical Connector
ULH-CP-BL	6' Cord & Plug, Black
ULH-CP-WH	6' Cord & Plug, Designer White

Accessories

Catalog No.	Description
ULH-DWM-BL	Direct Wire Module, Black
ULH-DWM-White	Direct Wire Module, Designer White
ULH-DWMOC-BL	Direct Wire Occupancy Sensor Module, Black
ULH-DWMOC-WH	Direct Wire Occupancy Sensor Module, White
ULH-DWMOCRS-BL	Direct Wire Occupancy Sensor Module with Rocker Switch, Black
ULH-DWMOCRS-WH	Direct Wire Occupancy Sensor Module with Rocker Switch, White



Description

The Pro-Series Xenon series offers a slightly warmer color rendering than halogen using warmer tone illumination from long-life low voltage xenon lamps. Pro-Series Xenon fixtures are optimized for fast, permanent installation, mounting either flush to the backsplash or to the front lip of cabinetry to suit project conditions and homeowner preference.

Listing

UL/C-UL Listed

Features

- 12-volt xenon lamps offer slightly warmer color rendering as compared to halogen
- Integral reflector spaced away from cabinet bottom maximizes light output while reducing fixture/cabinet contact temperature
- Dimmable with standard ELV type wall box dimmers or integral high/low/off rocker switch
- Hinged lens captured by spring loaded retention bar cannot accidentally fall out
- Modular design for maximum flexibility and quick installation allows up to ten fixtures to plug together using the supplied internal straight connector or optional jumper cords
- Rear wireway access cover with flush non-metallic cable clamp and push in electrical connectors facilitate wiring without opening the fixture
- Miniature die cast fitting for flexible metal conduit, off-center knock-outs and extra mounting plate for feed-through fixture-to-fixture loop wiring increase installation versatility
- Available in Black, Brushed Bronze, Brushed Silver and Designer White finishes

Finishes



Black



Brushed Bronze



Brushed Silver



Designer White

Ordering Information*

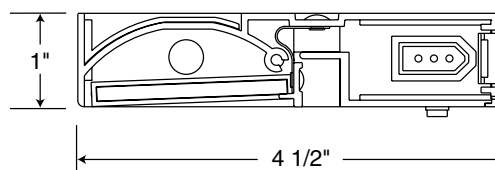
Catalog No.	Description
UPX109-BL	9", 1 Lamp, Black
UPX109-BZ	9", 1 Lamp, Brushed Bronze
UPX109-SL	9", 1 Lamp, Brushed Silver
UPX109-WH	9", 1 Lamp, Designer White
UPX214-BL	14", 2 Lamps, Black
UPX214-BZ	14", 2 Lamps, Brushed Bronze
UPX214-SL	14", 2 Lamps, Brushed Silver
UPX214-WH	14", 2 Lamps, Designer White
UPX322-BL	22", 3 Lamps, Black
UPX322-BZ	22", 3 Lamps, Brushed Bronze
UPX322-SL	22", 3 Lamps, Brushed Silver
UPX322-WH	22", 3 Lamps, Designer White
UPX430-BL	30", 4 Lamps, Black
UPX430-BZ	30", 4 Lamps, Brushed Bronze
UPX430-SL	30", 4 Lamps, Brushed Silver
UPX430-WH	30", 4 Lamps, Designer White

*Fixture includes: 12V 20W Bi-pin high-output xenon lamp(s)
Mounting hardware
Electrical connector (ULH-CONN)
Joiner connector

Accessories

Catalog No.	Description
JC3-8-BL	8" Jumper Cord, Black
JC3-8-WH	8" Jumper Cord, Designer White
JC3-17-BL	17" Jumper Cord, Black
JC3-17-WH	17" Jumper Cord, Designer White
JC3-26-BL	26" Jumper Cord, Black
JC3-26-WH	26" Jumper Cord, Designer White
ULH-CONN	3/8" Miniature Die-Cast Electrical Connector
ULH-CP-BL	6' Cord and Plug, Black
ULH-CP-WH	6' Cord and Plug, Designer White
ULH-DWM-BL	Direct Wire Module, Black
ULH-DWM-WH	Direct Wire Module, Designer White
UPX-LAMP	12V 20W Bi-pin High-Output Xenon Replacement Lamp

Dimensions





Description

The Pro-Series Halogen Series of undercabinet lighting delivers the best color rendering and maximum light output from the whitest light source, halogen lamps. The efficient operation of low voltage lamps, combined with a unique housing/reflector system, reduces mounting surface temperatures to be comparable with xenon fixtures, but with the superior light quality of halogen. Pro-Series Halogen fixtures are optimized for fast, permanent installation, mounting either flush to the backsplash or to the front lip of cabinetry to suit project conditions and homeowner preference.

Listing

UL/C-UL Listed

Features

- 12-volt halogen lamps for optimal color rendering
- Integral reflector spaced away from cabinet bottom maximizes light output while reducing fixture/cabinet contact temperature
- Dimmable with standard ELV type wall box dimmers or integral high/low/off rocker switch
- Slim, 1" extruded aluminum profile
- Hinged lens captured by spring loaded retention bar cannot accidentally fall out
- Modular design for maximum flexibility and quick installation allows up to ten fixtures to plug together using the supplied internal straight connector or optional jumper cords
- Miniature die cast fitting for flexible metal conduit, off-center knock-outs and extra mounting plate for feed-through fixture-to-fixture loop wiring increase installation versatility
- Available in Black, Brushed Bronze, Brushed Silver and Designer White finishes

Finishes



Black



Brushed Bronze



Brushed Silver



Designer White

Ordering Information*

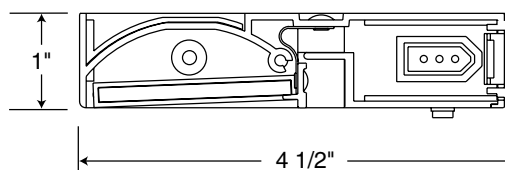
Catalog No.	Description
ULH109-BL	9", 1 Lamp, Black
ULH109-BZ	9", 1 Lamp, Brushed Bronze
ULH109-SL	9", 1 Lamp, Brushed Silver
ULH109-WH	9", 1 Lamp, Designer White
ULH214-BL	14", 2 Lamps, Black
ULH214-BZ	14", 2 Lamps, Brushed Bronze
ULH214-SL	14", 2 Lamps, Brushed Silver
ULH214-WH	14", 2 Lamps, Designer White
ULH322-BL	22", 3 Lamps, Black
ULH322-BZ	22", 3 Lamps, Brushed Bronze
ULH322-SL	22", 3 Lamps, Brushed Silver
ULH322-WH	22", 3 Lamps, Designer White
ULH430-BL	30", 4 Lamps, Black
ULH430-BZ	30", 4 Lamps, Brushed Bronze
ULH430-SL	30", 4 Lamps, Brushed Silver
ULH430-WH	30", 4 Lamps, Designer White

Accessories

Catalog No.	Description
JC3-8-BL	8" Jumper Cord, Black
JC3-8-WH	8" Jumper Cord, Designer White
JC3-17-BL	17" Jumper Cord, Black
JC3-17-WH	17" Jumper Cord, Designer White
JC3-26-BL	26" Jumper Cord, Black
JC3-26-WH	26" Jumper Cord, Designer White
ULH-CONN	3/8" Miniature Die-Cast Electrical Connector
ULH-CP-BL	6' Cord & Plug, Black
ULH-CP-WH	6' Cord & Plug, Designer White
ULH-DWM-BL	Direct Wire Module, Black
ULH-DWM-WH	Direct Wire Module, Designer White

*Fixture includes: T3 12V 20W Bi-pin halogen lamp(s)
Mounting hardware
Electrical connector (ULH-CONN)
Joiner connector

Dimensions





Description

The Energy Star Certified T5 Fluorescent luminaires offer highly efficient illumination in a shallow, easy-to-conceal profile. Ideal for undercabinet, under shelf and task lighting, where maximum energy efficiency, long lamp life and cool operation are desired.

Listings

UL/C-UL Listed

Features

- Fixtures include cool operating, energy efficient 3000K high-color rendering T5 fluorescent lamp
- 20,000 hour rated lamp life
- Bright, uniform, shadow free illumination
- Compact 2-5/8" D x 1-1/16" H sheet metal profile
- Premium UV stabilized acrylic wrap-around diffuser remains pliable and will not discolor
- State of the art 120-volt electronic ballast provides instant lamp starting and quiet, flicker-free operation
- Multiple electrical knock-outs in back and sides facilitate direct wire installation
- Maximum energy efficiency:
 - 8 watts = 40 watts halogen
 - 14 watts = 75 watts halogen
 - 21 watts = 100 watts halogen
 - 28 watts = 150 watts halogen
- 2 year warranty
- Available in Silver and Appliance White finishes

Finishes



Brushed Silver



Appliance White

Ordering Information*

Catalog No.	Description
UFL12-SL	12", 8W T5 3000K lamp, Brushed Silver
UFL12-WH	12", 8W T5 3000K lamp, Appliance White
UFL22-SL	22", 14W T5 HE 3000K lamp, Brushed Silver
UFL22-WH	22", 14W T5 HE 3000K lamp, Appliance White
UFL34-SL	34", 21W T5 HE 3000K lamp, Brushed Silver
UFL34-WH	34", 21W T5 HE 3000K lamp, Appliance White
UFL46-SL	46", 28W T5 HE 3000K lamp, Brushed Silver
UFL46-WH	46", 28W T5 HE 3000K lamp, Appliance White

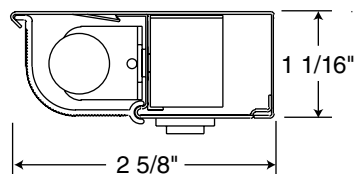
*Fixture includes: T5 3000K Tri-phosphor Lamp
Mounting hardware
Electrical connector (ULH-CONN)

Accessories

Catalog No.	Description
ULH-CONN	3/8" Miniature Die-Cast Electrical Connector
ULH-CP-BL	6' Cord and Plug, Black
ULH-CP-WH	6' Cord and Plug, Designer White



Dimensions



Selecting the Best Type of Lamp for Your Application

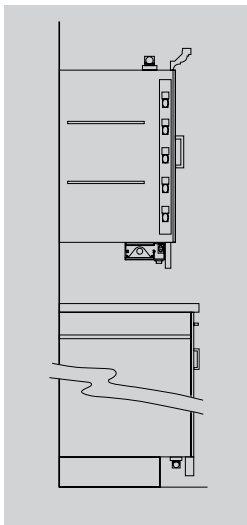
LED Light Emitting Diodes exhibit many of the characteristics of point source halogen and xenon lamps, yet, like fluorescents, operate using a fraction of the electricity with much less heat generation. At the end of their exceptionally long 50,000 hour rated life, LEDs maintain 70% of their initial output and never really burn out...they simply will produce less light as they age. Cooler 4100K and 5000K LEDs produce more illumination than equivalent wattage 2200K, 2700K or 3000K LEDs, as the cooler phosphors employed in LEDs are inherently more efficient. Solo-Task, Trac 12, Pro-Series, and DanaLite LED fixtures are dimmable, but unlike halogen or xenon lamps which take on a characteristic warm tone when dimmed, they maintain a constant color temperature throughout their dimming range. The exception is the Trac 12 WarmDim® Modules. At full brightness, they emit the 2700K color of incandescent lamps; however, as they dim, they gradually warm to a soft 1800K glow to simulate incandescent dimming.

Fluorescent The diffuse quality of fluorescent lamps, as used in the Fluorescent series, make them ideal for providing shadow-free task illumination in kitchens, home offices, and other work areas. Long life, very low energy consumption, and cool operating temperatures are important considerations for applications with long burning hours. The Fluorescent series uses the latest generation of high efficiency, high color rendering T5 lamps which approximates the color of halogen and has a 10,000 hour rated life.

Halogen and Xenon The specular "point-source" nature of both halogen and xenon lamps creates sparkle and highlights texture, color, and 3-dimensional definition of displayed objects. These lamps are excellent choices for task and accent lighting. In addition, they may be dimmed to create a warmer appearance and/or lower-level mood or night lighting.

- 12-volt halogen lamps, as used in the Pro-Series Halogen series, produce the whitest and brightest illumination with best color rendering using less energy and producing less heat.
- 120-volt halogen lamps, as used in the Line Voltage Halogen series, produce a warmer tone than low voltage halogen, and offer lower initial fixtures cost, as they do not require a step-down transformer to operate.
- 12-volt xenon lamps, as used in both Xenon series, produce a slightly warmer light than low voltage halogen. They also have a long 10,000-hour lamp life.
- 12- or 24-volt xenon lamps, as used in Trac 12, have a slightly warmer color temperature than halogen, and offer the most flexibility to achieve custom lighting effects such as undershelf, internal cabinet, indirect cove lighting and kick spaces. They also have a long, up to 20,000-hour life when operated at the recommended 11.5 volts.

Cabinetry Lighting Guidelines



Over Cabinets Trac 12, using 10-watt Xenon, or 1.0-watt LED lamps spaced 6" on center, generally provides excellent indirect lighting. For lower-level mood lighting, use 3 to 5-watt Xenon, or 0.5-watt LED lamps with slightly closer spacing. Juno Fluorescent and LED fixtures may also be used where energy efficiency is a primary consideration, or higher light levels are required. Placing the fixture at the front edge of the cabinet top will project light into the space and illuminate any displayed objects.

Inside Cabinets Running Trac 12 vertically on the front inside of cabinets avoids the need to put trac on each shelf. 3-watt Xenon spaced 3" on center or 0.5 watt LED lamps spaced 4" to 6" on center will generally provide adequate lighting inside a cabinet.

Under Cabinets Placing Juno undercabinet fixtures at the front lip of the cabinet conceals the fixture from view, minimizes veiling reflections, and provides maximum light on the working area of the countertop.

Kick Spaces Trac 12, using 3-watt Xenon or 0.5-watt LED lamps spaced on 4" center, provides adequate kick space lighting. Wider spacings can be used when the distance from trac to floor is greater than 4" or when even illumination is not required.

Note: Shiny flooring may cause objectionable lamp image reflections.

Task Lighting

Juno undercabinet luminaires place bright lighting onto the work surface from a source that is located in close proximity to the task being performed. This placement is optimal, as general lighting is often blocked by a body shadow or a shadow from upper cabinets. In addition, undercabinet lighting provides the increased light levels required to accurately, quickly, and safely perform tasks.

Recommended Illuminance Levels 20-50 footcandles is generally perceived as adequate to perform kitchen undercabinet tasks such as food preparation or paying bills. More detailed tasks such as sewing or craftwork require 50-100 footcandles. Tasks that are very small, have intricate detail, or involve very dark surfaces may require even higher illumination levels.

Accent Lighting

Cabinets and shelves create dark cavities that can detract from the aesthetics of a room. Juno undercabinet fixtures illuminate these cavities, to create visual interest and a sense of spaciousness, and/or to highlight objects of interest.

Recommended Illuminance Levels Accent lighting usually requires 20 footcandles or less.

Cove Lighting

Indirectly lighting over cabinets or in architectural coves can increase the sense of spaciousness and add drama and pleasing warmth to an interior.

Recommended Illuminance Levels Cove lighting usually requires 20 footcandles or less.

Special Design Considerations

Dark Interior Finishes

The amount of perceived light from undercabinet, accent, and cove lighting will vary greatly depending on the reflectance value of surrounding surfaces. A dark countertop and backsplash will absorb light from undercabinet fixtures and diminish the appearance of the counter being illuminated. Likewise, indirectly illuminating a dark wood paneled ceiling from an architectural cove will be much less dramatic than illuminating a white ceiling. Allowing for increased levels of illumination can partially offset light absorption of dark surfaces.

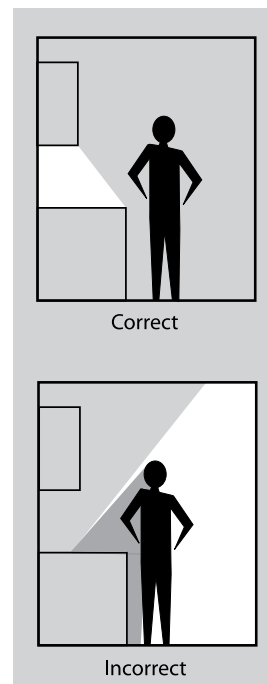
High Ambient Light Levels

The apparent brightness of a lighted countertop, cabinet interior, or cove will also vary depending on the amount of general room illumination. If the general ambient lighting is 30 footcandles, then a cabinet interior illuminated to only 20 footcandles will not appear illuminated. Conversely, in a darkened room, 20 footcandles will appear brilliant. A minimum 3:1 ratio between the focus area and background is recommended to have visual impact.

Age As age increases, so does our need for light. A typical 65-year old needs 10 to 15 times more light than a teenager to experience equal visual acuity.

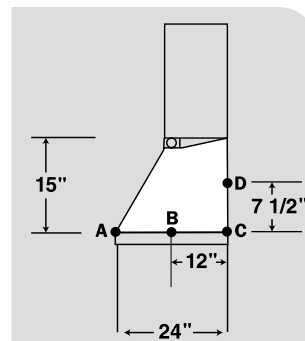
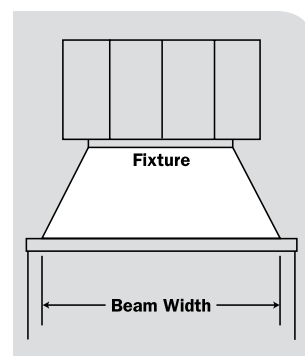
Shiny Work Surfaces

For high-gloss countertops and backsplashes, place the fixture at the front edge of the cabinet to minimize glare reflecting back into the eyes of someone working at the counter. Keep in mind that shiny dark surfaces act like a mirror, and will reflect any source of light that is placed above them. How the reflected image of one fixture appears vs. another is subjective.

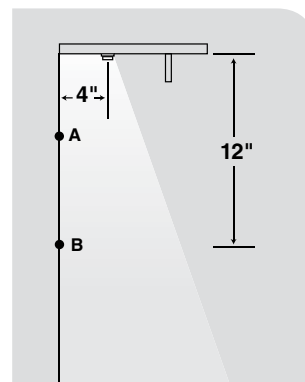


Footcandles on Illuminated Surfaces

Fixture	Cat #	Lamp	Beam Width*	Footcandles***			
				A	B	C	D
Solo-Task LED	USTL1/USTLR1	(3) 4-watt LEDs	51"	39	118	82	73
	USTL1/USTLR1	(3) 4-watt LEDs	53"	39	92	73	66
	USTL1/USTLR1	(3) 4-watt LEDs	57"	37	64	57	52
Pro-Series LED	UPLED09	(2) 1-watt LEDs	20"	12	37	17	13
	UPLED14	(4) 1-watt LEDs	22"	22	64	31	24
	UPLED22	(6) 1-watt LEDs	28"	30	86	41	31
	UPLED30	(8) 1-watt LEDs	32"	35	97	50	38
Pro-Series Halogen	ULH109	(1) 20-watt Halogen	21"	8	29	26	34
	ULH214	(2) 20-watt Halogen	23"	14	52	46	52
	ULH322	(3) 20-watt Halogen	31"	23	72	63	59
	ULH430	(4) 20-watt Halogen	36"	23	74	69	61
Pro-Series Xenon	UPX109	(1) 20-watt High-Output Xenon	21"	9	31	28	35
	UPX214	(2) 20-watt High-Output Xenon	23"	15	53	48	54
	UPX322	(3) 20-watt High-Output Xenon	31"	24	72	65	62
	UPX430	(4) 20-watt High-Output Xenon	36"	23	75	69	64
Pro-Series Fluorescent	UPF12	8-watt T5 Fluorescent	21"	22	64	34	39
	UPF22	14-watt T5 HE Fluorescent	27"	37	105	59	65
	UPF34	21-watt T5 HE Fluorescent	34"	47	126	75	73
	UPF46	28-watt T5 HE Fluorescent	43"	61	162	100	96
Economy Fluorescent	UFL12	8-watt T5 Fluorescent	24"	32	77	68	93
	UFL22	14-watt T5 HE Fluorescent	31"	64	135	130	157
	UFL34	21-watt T5 HE Fluorescent	41"	66	140	131	140
	UFL46	28-watt T5 HE Fluorescent	50"	83	171	166	170
Economy Xenon	ULX109	(1) 18-watt Xenon	21"	14	25	20	25
	ULX212	(2) 18-watt Xenon	24"	30	52	42	49
	ULX318	(3) 18-watt Xenon	28"	40	72	55	59
	ULX424	(4) 18-watt Xenon	32"	44	75	64	61
Economy Line Voltage Halogen	UH106	(1) 25-watt Halogen	12"	8	33	19	18
	UH212	(2) 25-watt Halogen	22"	12	60	35	35
	UH318	(3) 25-watt Halogen	28"	19	93	51	48
DanaLite LED	DL112-3-C	(4) 3000K 1-watt LEDs	**	15	36	22	23
	DL112-4-C	(4) 4100K 1-watt LEDs	**	20	48	30	32
	DL112-5-C	(4) 5000K 1-watt LEDs	**	24	56	36	39
	DL112-3H-C	(4) High CRI, 3000K 1W LEDs	**	13	31	19	20
Trac 12 Linear Lampholders	TL201	5-watt Xenon, 3" On Center	**	10	31	20	22
	TL202	10-watt Xenon, 12" On Center	**	12	36	23	25
	TL211	10-watt Xenon, 6" On Center	**	14	43	28	30
	TL212	10-watt Xenon, Festoon, 6" On Center	**	17	52	34	36
	TL103	20-watt Halogen, 12" On Center	**	16	66	56	60
Trac 12 Single CCT LED Modules	TL214LEDX1-22K	0.5-watt 2200K LED, 3" On Center	**	12	33	19	16
	TL214LEDX2-22K	1.0-watt 2200K LED, 3" On Center	**	24	65	39	31
	TL214LEDX3-22K	1.5-watt 2200K LED, 3" On Center	**	36	96	56	45
	TL214LED-27K	1.5-watt 2700K LED, 3" On Center	**	49	127	73	63
	TL214LED-3K	1.5-watt 3000K LED, 3" On Center	**	50	134	78	63
	TL214LED-35K	1.5-watt 3500K LED, 3" On Center	**	53	139	82	66
Track 12 LED WarmDim® LED Modules	TL214LED-4K	1.5-watt 4000K LED, 3" On Center	**	55	147	86	69
	TL214LED-27K-WD	1.1-watt 2700K to 1800K WarmDim LED, 3" On Center	**	27	72	41	34
Trac 12 Color LED Modules	TL214LED-BLUE	1.0-watt Blue LED, 2" On Center	**	62	22	-	-
	TL214LED-GREEN	0.5-watt Green LED, 2" On Center	**	66	23	-	-
	TL214LED-RED	0.65-watt Red LED, 2" On Center	**	41	14	-	-
Trac 12 LED Mini-Flood	TL103LED-3K	4-watt 3000K LED, 12" On Center	**	31	78	48	38
	TL103LED-4K	4-watt 4100K LED, 12" On Center	**	36	89	55	44



Footcandles on Horizontal Surface



Footcandles on Vertical Surface (Color LED Modules)

* Beam width defined as 50% of maximum footcandles.

** Assumes continuous lighting, so beam width is same as counter width. Rear wall reflectance 50%. Counter surface reflectance 20%.

*** Except for Solo-Task LED, Trac 12 Xenon and Halogen and Trac 12 LED, all data is for a single fixture.



DanaLite Architectural Linear Lighting

DanaLite linear fixtures provide an architectural-grade solution to some of today's most challenging lighting scenarios. Coves, cabinetry, artwork, signage, display cases, and counters are just a few of the difficult lighting applications that these fixtures can handle with ease. With profiles as little as a half-inch high by one-inch wide, the fixtures tend to "disappear," while architectural details, displays, or merchandise take center stage. Featuring a variety of profiles, custom lengths, and multiple light-source choices – including ultra-efficient LEDs – DanaLite fixtures can be individually tailored to your needs, whether they are residential, retail, or commercial.





DanaLite

Architectural Linear Lighting

DanaLite LED linear lighting leads the way in energy savings

DanaLite LED lighting combines state-of-the-art LED technology with low-profile fixture designs to produce the industry's most versatile, energy-efficient, linear lighting product family. Each LED fixture offers service life of 50,000 hours or more that, combined with minimal power requirements, yields exceptionally low operating costs.

DanaLite Custom Length LED fixtures can be provided in virtually any length from 9" to 144", in five versatile profiles and five beautiful finishes. They produce up to 414 lumens per foot with efficacies up to 83 lumens per watt. The extruded aluminum housings feature profiles as small as 1" x 1", enabling them to fit unobtrusively in a wide variety of linear lighting applications.

DanaLite LED linear sign lighters offer a fresh, contemporary way to illuminate signage, displays, menu boards, kiosks, artwork, and so much more. Solo fixtures come in 2-, 3-, or 4-foot widths and can be linked together in lengths up to 16-feet. A selection of six stem lengths suits a wide variety of vertical surface or ceiling installations. These sleek, low-profile luminaires are only 1-1/8-inches in diameter and offer energy savings and service life far superior to fluorescent. High-output LEDs deliver 600 lumens/foot from just 12 watts/foot; standard-output LEDs produce 410 lumens/foot from 8 watts/foot. Rated service life is a remarkable 80,000 hours at 70% lumen maintenance.



LED



DL Series, Standard
Ultra-Slim LED Fixtures

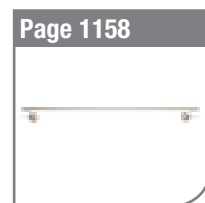


L Series
Custom LED Fixtures



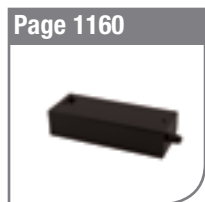
Linear LED Sign Display

Fluorescent



Linear T5 Fluorescent
Sign/Display

Accessories

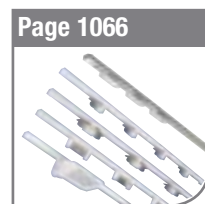


LED Drivers



Ballasts & Lamps

Juno Trac 12 Trac Lighting

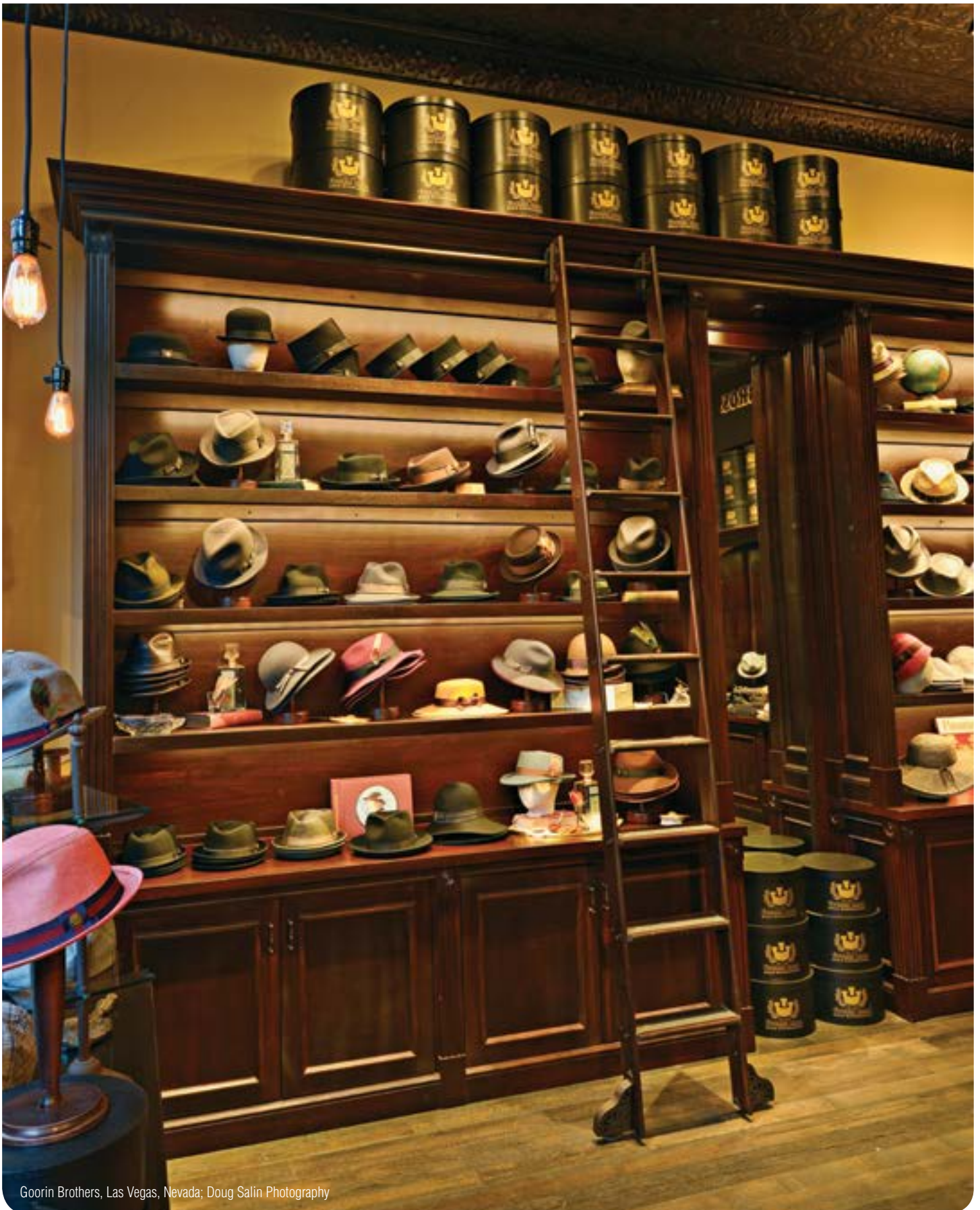


Refer to Juno Trac 12
Section

Juno Undercabinet Lighting



Refer to Undercabinet
Section



Goorin Brothers, Las Vegas, Nevada; Doug Salin Photography

DanaLite

Architectural Linear | DL Series

Standard Ultra-Slim LED Fixture



Description

This Ultra-Slim modular LED system delivers uniform illumination in even the most space-restricted applications. At only 1/2" deep, the ultra-slim sleek design blends effortlessly into casework, cabinetry, and architectural details.

Features

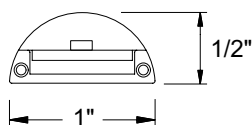
LED Consistent color within 3 SDCM, LEDs are available in 90 CRI 3000K or 4100K and 5000K at 80 CRI min
 • Luminaires are projected to have 70% lumen maintenance after 50,000 hours of operation
 • On board constant current control circuit ensures that all LEDs will produce the same amount of light anywhere along the length of a run of fixtures (up to 16' off of a single driver)

Housing LED's are surface mounted on thermally conductive printed circuit board which is in direct contact with an extruded aluminum base for efficient thermal dissipation
 • Designed for even LED spacing over linear runs

Fixture Ordering Information

Cat. No.	Color Temperature	Min CRI	Watts Max	Lumens Per Fixture
6" Clear Lens Fixture				
DL106-930-C	3000K	90	3	152
DL106-840-C	4000K	80	3	187
DL106-850-C	5000K	80	3	208
6" Frosted Lens Fixture				
DL106-930-F	3000K	90	3	114
DL106-840-F	4000K	80	3	140
DL106-850-F	5000K	80	3	156
12" Clear Lens Fixture				
DL112-930-C	3000K	90	6	317
DL112-840-C	4000K	80	6	367
DL112-850-C	5000K	80	6	414
12" Frosted Lens Fixture				
DL112-930-F	3000K	90	6	237
DL112-840-F	4000K	80	6	275
DL112-850-F	5000K	80	6	310

Dimensions



Electrical Designed for use with 24-volt DC electronic Class 2 remote mount drivers (ordered separately) available in wattages ranging from 25 to 96 watts • The drivers are UL/C-UL Listed

Lens Supplied with either a Clear or Diffuse Frosted Polycarbonate lens

Drivers Drivers are not included with fixture. Order drivers separately. Select driver based on 6W per foot. See LED Drivers in Accessories section for details

Dimming Dimmable with approved drivers and dimmers
 • See LED Drivers in Accessories section for details

Listing UL/C-UL Listed

Optional Mounting Extrusions (order separately)

Satin Aluminum Finish



Fascia Shield

Cat. No.	Length	Dimensions
DL103-MS48-S	48"	
DL103-MS96-S	96"	



45° Angle Mount

Cat. No.	Length	Dimensions
DL103-AME48-S	48"	
DL103-AME96-S	96"	



Adjustable Mounting Brackets - rotates 0° to 90°

Cat. No.	Length	Dimensions
DL103-MB001		

Electrical Connectors (order separately)

The miniature size of the connectors make this system virtually seamless, delivering uniform light and eliminating socket shadows. Fixtures can be joined end-to-end with a joiner-connector or a flexible connector, providing maximum versatility.

Catalog No.	Description	
DL101-P	118" Starter Power Cable (can be field shortened). See specification sheet for details on longer power cables).	
DL101-TB	Terminal Block Connector Accepts solid or stranded 2 or 3 conductor cable (incl. ground), 14 - 20AWG	
DL101-E	End Cap	
DL102-EE	End-to-End Connector	
DL102-FLX2	2-3/4" Flexible End-to-End Connector	
DL102-FLX37	37-1/2" Flexible End-to-End Connector	

DanaLite

Architectural Linear | L Series

LED Custom Lengths



Description

Energy efficient, cool operating linear LED lighting housed in a variety of aluminum extrusions designed to be integrated into casework, shelving, displays and kiosks. Provides up to 414 lumens per foot

Features

LED Consistent color within 3 SDCM • Rated 50,000 hour life at 70% of initial lumens based on testing in a 25 degree C ambient environment with the LED junction temperatures measured below the LED manufacturer's published maximums • Available in 80 CRI min 4000K or 5000K and 90 CRI min 3000K

Construction Extruded aluminum housing, injection molded endcaps

Lens Injection molded clear or diffuse opal polycarbonate lens

Electrical For use with remote 24V DC Class 2 power supply, ordered separately • LEDs surface mounted on thermally conductive printed circuit board which is in direct contact with an extruded aluminum base for efficient thermal dissipation • On board constant current control circuit ensures that all LEDs will produce the same amount of light anywhere along the length of a run • Select driver based on 6W per foot

Installation

L2, L3, L4 & L5: Supplied with 110" of Class 2 supply cable and electrical fitting to accept 3/8" flexible metal conduit • L6: Side and Top Mount options supplied with swivel and 110" of Class 2 supply cable for use with MK canopy and stems (ordered separately)

Dimming Dimmable with approved drivers and dimmers • See LED Drivers in Accessories section for details

Labels UL/C-UL Listed for use in dry locations

Ordering Information Example: L3-50-930-F-B-LE

Fixture	Extrusion	Length	Module	Lens	Finish	Electrical Feed
L	3	50	930	F	B	LE
L-LED	2-#2 3-#3 4-#4 5-#5 6-#6	Specify custom length as required to nearest 1/8" from 9 1/4" to 144"	930-3000K, 90 CRI 840-4000K 80 CRI 850-5000K 80 CRI	C-Clear F-Frosted	W-White B-Black S-Satin Aluminum A-Polished Aluminum G-Polished Gold	E-Universal End (#2 & #3 only) RE-Right End LE-Left End RB-Right Back LB-Left Back RF-Right Front LF-Left Front SMR-Side Mount Right SML-Side Mount Left TM-Top Mount

Length 144" Maximum

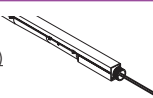
LEDs 3 inches on center

Drivers

Drivers are not included with fixture. Order drivers separately. Select driver based on 6W per foot. See LED Drivers in Accessories section for details.

Feed Options

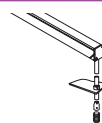
End Feed (adds 1/2" to fixture length)
Right End
Left End



Back Feed
Right Back
Left Back

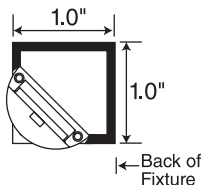


Front (down-tube) Feed
Right Front
Left Front



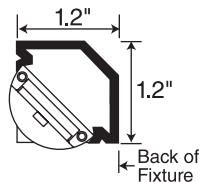
Fixture Extrusion Dimensions

#2 Square Extrusion



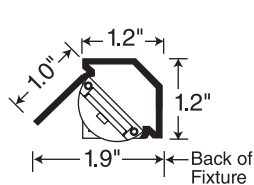
- Ideal for under/over cabinets, toe-kicks, built-ins and coves where longer lengths are required
- Complete with MC1 mounting clips (not shown). Mounting clip adds 1/8" to height
- Supplied with 1/2" flex connector (adds 1/2" to length) and 110" leads
- Min length 9 3/8"

#3 Five-Sided Extrusion



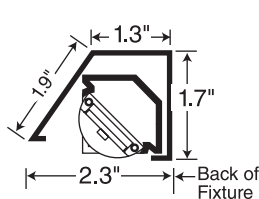
- Ideal for applications that require additional mounting flexibility for showcases and built-ins
- Complete with MC2 mounting clips (not shown). Mounting clip adds 1/8" to height
- Supplied with 1/2" flex connector (adds 1/2" to length) and 110" leads
- Min length 9 3/8"

#4 Five-Sided Extrusion with Shield



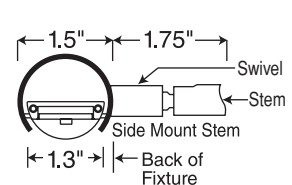
- Ideal for exposed showcases, built-ins and accent lighting applications
- Complete with MC2 mounting clips (not shown). Mounting clip adds 1/8" to height
- Supplied with 1/2" flex connector (adds 1/2" to length) and 110" lead
- Min length 9 3/8"

#5 Enclosed Five-Sided Extrusion



- The most popular extrusion for exposed showcase illumination
- Complete with MC4 mounting clips (not shown). Mounting clip adds 1/8" to height
- Supplied with 1/2" flex connector (adds 1/2" to length) and 110" leads
- Min length 10 1/8"

#6 Cylindrical Extrusion



- Ideal for showcase, feature displays and artwork illumination
- Supplied with fixture swivel and 110" of lead wire
- Optional MK Canopy Mounting kit with stem sold separately (see Mounting Hardware in Accessories section for details)
- Min length 9 1/4"



**Description**

Linear LED Sign/Display. Available in standard 2', 3', and 4' versions.

Features

Light Engine LED available in standard (410 lumens per foot) and high output (600 lumens per foot) versions

Lens Options None, Clear, Frosted (Lenses feature opaque co-extruded edges to eliminate glare)

Electrical 24V luminaire available with 120 to 277V remote driver (ordered separately) • High output LED - 12W per foot • Standard output LED 8W per foot • 0-10 volt dimming option

Color Temperature 3000K, 4000K, 80+ CRI • Color consistency within 2 SDCM

Fixture Rotation 355°

Extrusion Housing/Stems Extruded aluminum housing and stem

Finish Brushed Aluminum, White and Black

Installation Stems are capable of mounting to j-box or direct to wall/ceiling. From ceiling stem lengths: 6", 12", 18", 24", 30" and 48" (18" max stem length from wall)

Dimming Dimmable using 0-10V dimming protocols

Labels U.L. listed for U.S. and Canada • Union made

Ordering Information Example: DL2S-S30-4R12-WHC

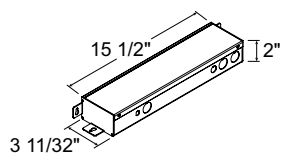
Fixture	Fixture Length	Solo or Multiple	Performance	Color Temp.	Canopy/Power Supply	Mounting Stem Length*	Finish	Lens Type
DL	2	S	S	30	4R	12	WH	C
DL-LED	2-2 ft. 3-3 ft. 4-4 ft.	S-Solo M-Multiple	S-Standard Output H-High Output	30-3000K 40-4000K	2R-2" Round Remote 4R-2" Round Remote 4S-2" Square Remote	06-6" 12-12" 18-18" 24-24" 30-30" 48-48"	WH-White Paint BL-Black Paint BA-Brushed Aluminum	C-Clear F-Frosted Blank for no lens

* 18" max. length for wall installations

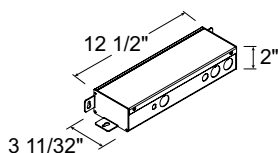
Power Supply Options (Remote Mount)**LED Drivers**

Dimmable	
DLD-60E-DIM	Dimmable 60W 24VDC (120-277V input)
DLD-96E-DIM	Dimmable 96W 24VDC (120-277V input)
Non-Dimmable	
DLD-60E	Non-Dimmable 80W Remote 24VDC (120-277V input)
DLD-96E	Non-Dimmable 96W Remote 24VDC (120-277V input)

Finish: Natural Aluminum



DLD-60E-DIM
DLD-96E-DIM



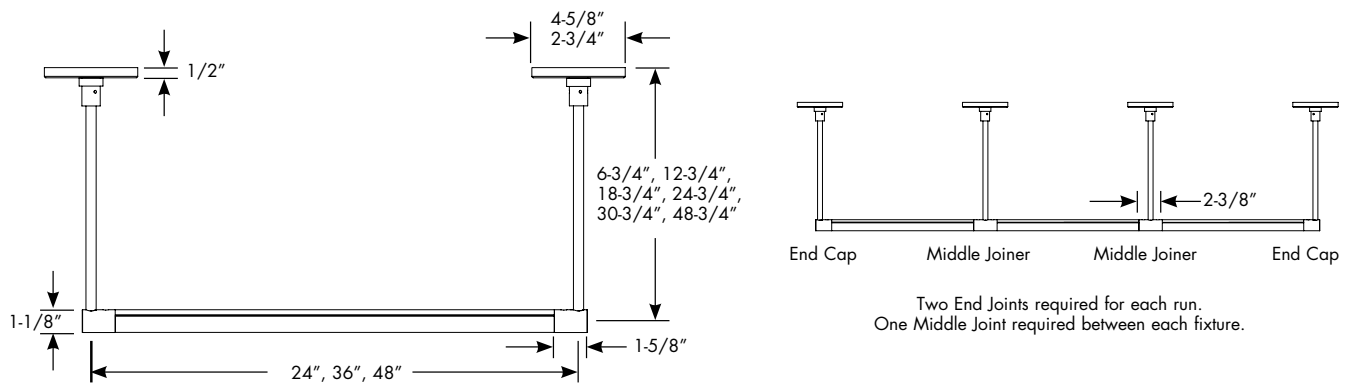
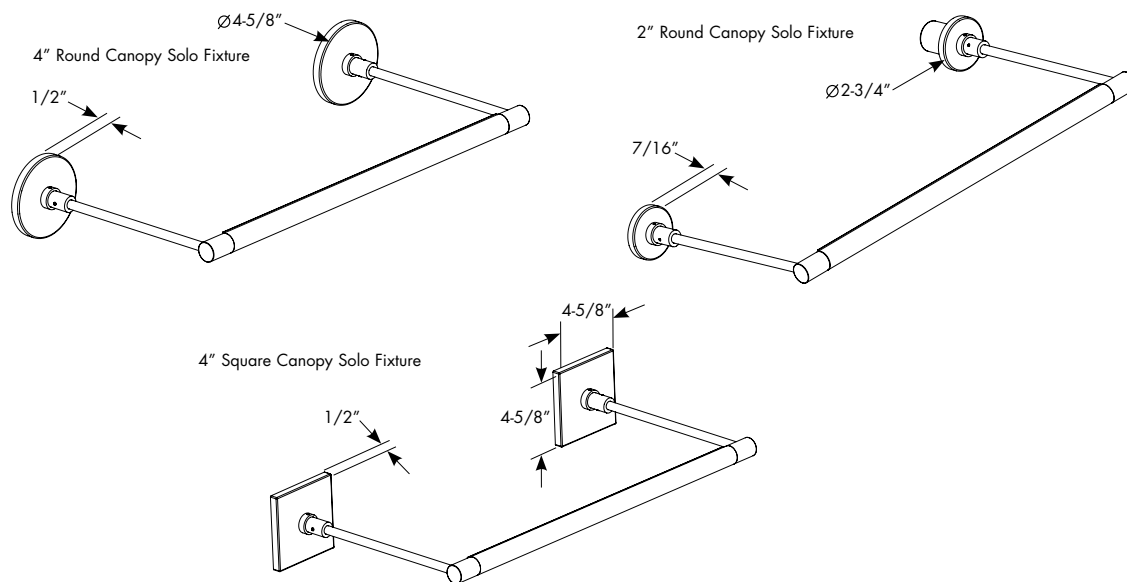
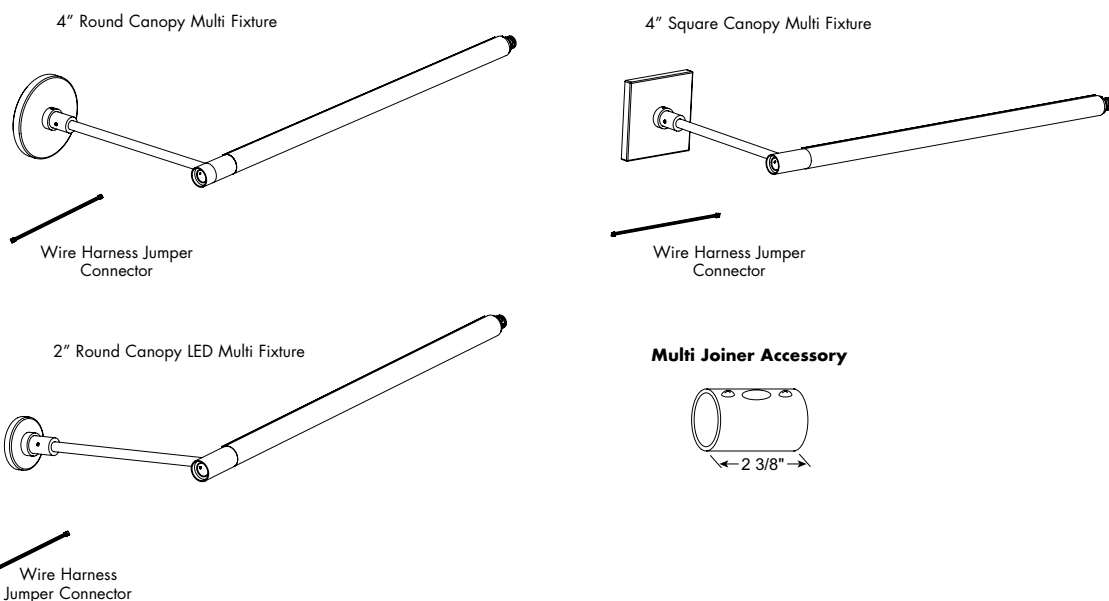
DLD-60E
DLD-96E

Ordering Information Example: MJA-BA

Accessories	Finish
MJA	BA
MJA-Multi Joiner (For Multi-Power Supply LED Applications)	WH-White Paint BL-Black Paint BA-Brushed Aluminum

Wattage Information**LED Fixture Wattage**

Output	High Output	Standard Output
2'	24W	16W
3'	36W	24W
4'	48W	32W
6'	72W	48W
8'	96W	64W

Fixture Dimensions**Solo Fixture Dimensions****Solo Fixture**



Description

Linear T5 Fluorescent Sign/Display • Available in standard 2', 3', and 4' versions. LED versions also available. See the DanaLite DL Series

Features

Lamp Available with 5/8" F14T5, F21T5, F28T5 or F35T5 miniature bi-pin (G5) base linear fluorescent lamps with 20,000 hours life and high CRI • Order lamps separately

Lens Options None, Clear, Prismatic, Frosted (Lenses feature opaque co-extruded edges to eliminate glare)

Ballast Remote mount • High frequency electronic • U.L. listed and approved • High power factor • Class P thermally protected • Meets F.C.C, R.F.I requirements • Order ballast separately

Fixture Rotation 355°

Extrusion Housing/Stems Extruded aluminum housing and stem

Finish Brushed Aluminum, White and Black

Installation Mounting Options Stems are capable of mounting to j-box or direct to wall/ceiling. From ceiling stem lengths: 6", 12", 18", 24", 30" and 48" (18" max stem length from wall)

Canopy options – 2" round, 4" square remote, 4" round

Labels U.L. listed for U.S. and Canada • Union made

Ordering Information Example: DF2S-4R12-WHP

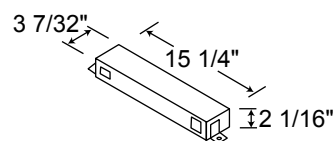
Fixture	Fixture Length	Solo or Multiple	Canopy/Power Supply	Mounting Stem Length*	Finish	Lens Type
DF	2	S	4R	12	WH	P
DF-T5 Fluorescent	2-2 ft. 3-3 ft. 4-4 ft.	S-Solo M-Multiple	2R-2" Round/Remote 4R-4" Round/Remote 4S-4" Square/Remote	06-6" 12-12" 18-18" 24-24" 30-30" 48-48"	WH-White Paint BL-Black Paint BA-Brushed Aluminum	C-Clear P-Prismatic F-Frosted Blank for No Lense

* 18" max. length for wall installations

T5 Fluorescent

T5 Fluorescent Ballast

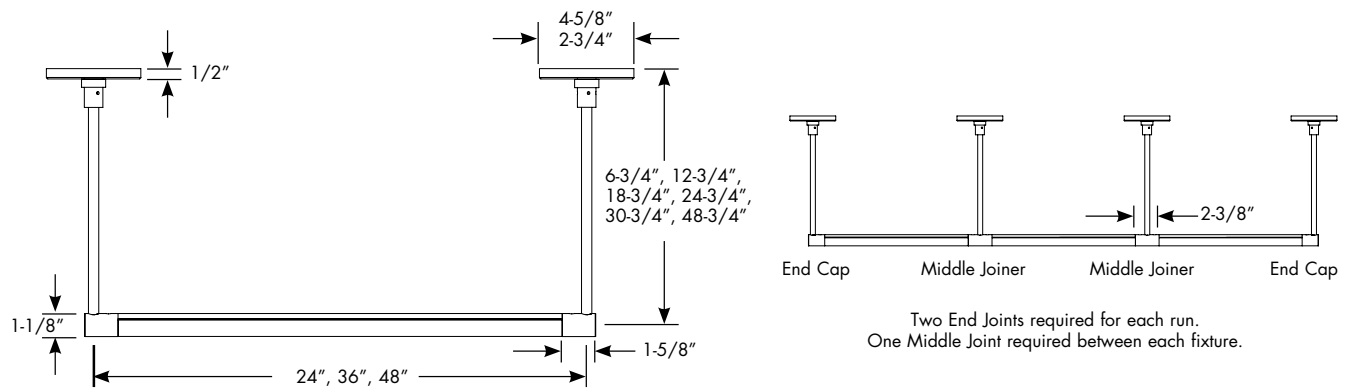
BET5HO-124	Fluorescent Ballast for (1) T5/HO Lamp up to 24W (120/277V)
BET5HO-139	Fluorescent Ballast for (1) T5/HO Lamp up to 39W (120/277V)
BET5HO-154	Fluorescent Ballast for (1) T5/HO Lamp up to 54W (120/277V)
BET5HO-180	Fluorescent Ballast for (1) T5/HO Lamp up to 80W (120/277V)
BET5HO-224	Fluorescent Ballast for (2) T5/HO Lamp up to 24W (120/277V)
BET5HO-239	Fluorescent Ballast for (2) T5/HO Lamp up to 39W (120/277V)
BET5HO-254	Fluorescent Ballast for (2) T5/HO Lamp up to 54W (120/277V)
BET5-2-U	T5 Fluorescent Ballast for (1) or (2) T5 Lamps



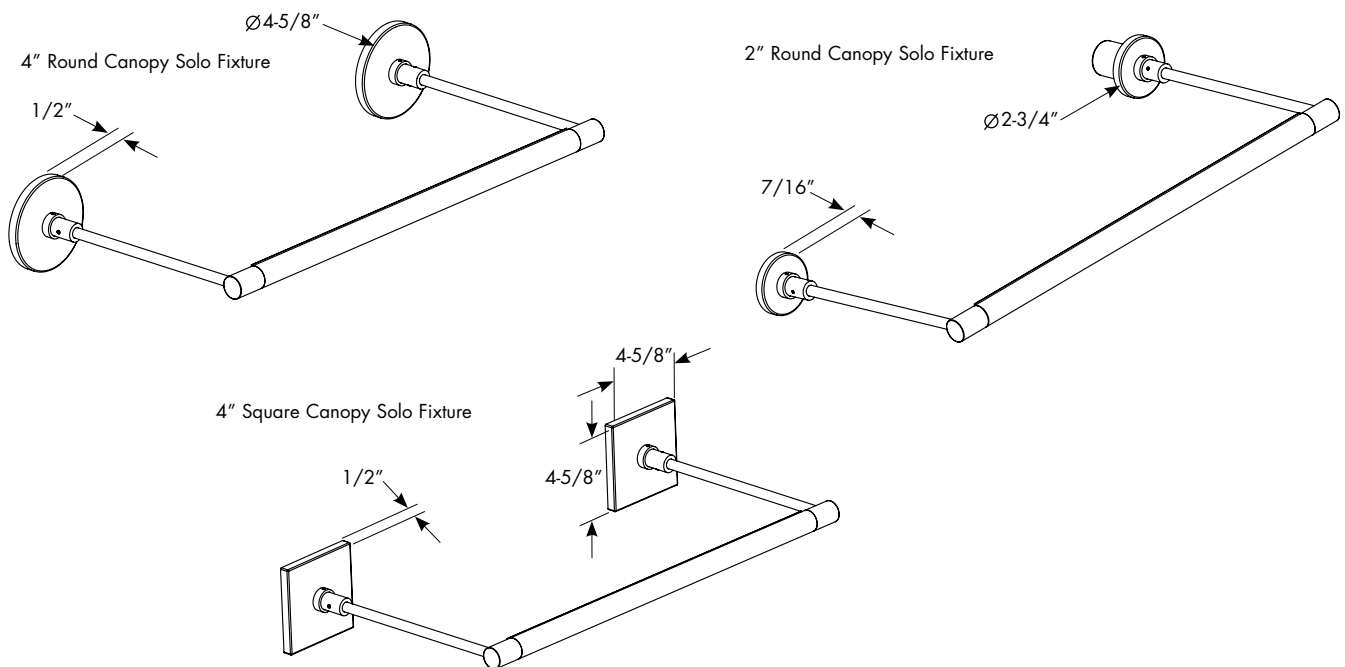
T5 Fluorescent Lamps/Wattage

F24T5/830	24W 21.6" length, 2000 lumens, 3000K, CRI=85, 20,000 hrs. life
F24T5/835	24W 21.6" length, 2000 lumens, 3500K, CRI=85, 20,000 hrs. life
F24T5/841	24W 21.6" length, 2000 lumens, 4100K, CRI=85, 20,000 hrs. life
F39T5/830	39W 33.4" length, 3500 lumens, 3000K, CRI=85, 20,000 hrs. life
F39T5/835	24W 33.4" length, 3500 lumens, 3500K, CRI=85, 20,000 hrs. life
F39T5/841	24W 33.4" length, 3500 lumens, 4100K, CRI=85, 20,000 hrs. life
F54T5/830	24W 45.2" length, 5000 lumens, 3000K, CRI=85, 20,000 hrs. life
F54T5/835	24W 45.2" length, 5000 lumens, 3500K, CRI=85, 20,000 hrs. life
F54T5/841	24W 45.2" length, 5000 lumens, 4100K, CRI=85, 20,000 hrs. life

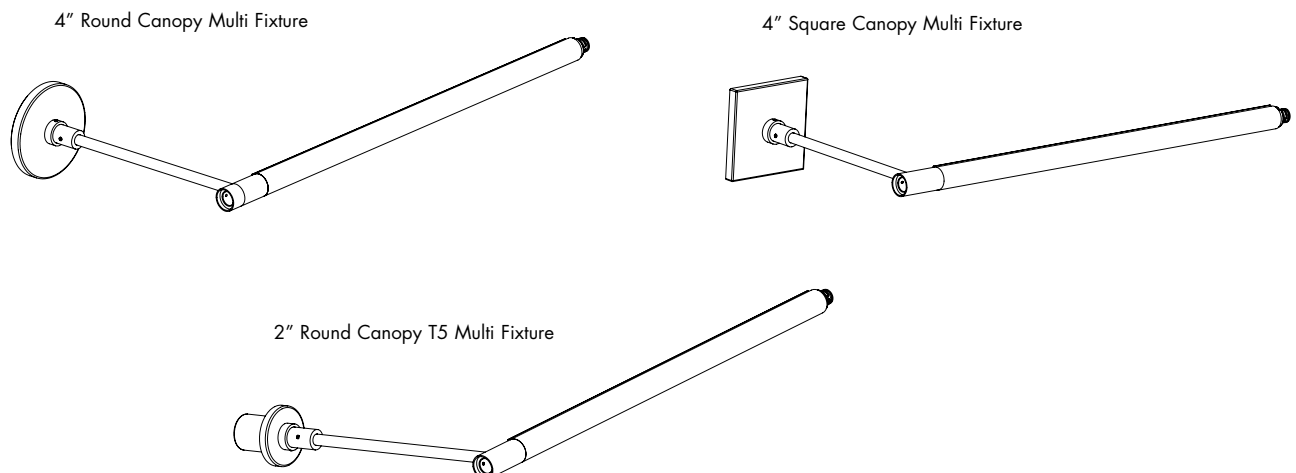
Fixture Dimensions



Solo Fixture Dimensions



Solo Fixture



LED Non-Dimmable Drivers



Catalog #
DLD-25E

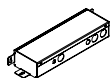
Finish
Natural
Aluminum

Description

- 25W 24VDC driver (120-277V Input)
- No Minimum Load
- Aluminum wiring enclosure for remote mounting
- 6' Cord & Plug option available. Add suffix -CP6
- Rocker Switch available. Add suffix -RS

Dimensions

9 1/2" L x 3 11/32" W x 2" H



Catalog #
DLD-60E

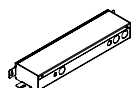
Finish
Natural
Aluminum

Description

- 60W 24VDC driver (120V Input)
- No Minimum Load
- Aluminum wiring enclosure for remote mounting
- 6' Cord & Plug option available. Add suffix -CP6
- Rocker Switch available. Add suffix -RS

Dimensions

12 1/2" L x 3 11/32" W x 2" H



Catalog #
DLD-96E

Finish
Natural
Aluminum

Description

- 96W 24VDC driver (120-277V Input)
- No Minimum Load
- Aluminum wiring enclosure for remote mounting
- 6' Cord & Plug option available. Add suffix -CP6
- Rocker Switch available. Add suffix -RS

Dimensions

12 1/2" L x 3 11/32" W x 2" H

LED Dimmable Drivers[†]



Catalog #
DLD-25E-DIM

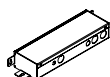
Finish
Natural
Aluminum

Description

- 25W 24VDC driver (120-277V)
- No Minimum Load
- Aluminum wiring enclosure for remote mounting

Dimensions

9 1/2" L x 3 11/32" W x 2" H



Catalog #
DLD-60E-DIM

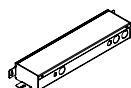
Finish
Natural
Aluminum

Description

- 60W 24VDC driver (120-277V)
- No Minimum Load
- Aluminum wiring enclosure for remote mounting

Dimensions

15 1/2" L x 3 11/32" W x 2" H



Catalog #
DLD-96E-DIM

Finish
Natural
Aluminum

Description

- 96W 24VDC driver (120-277V)
- No Minimum Load
- Aluminum wiring enclosure for remote mounting

Dimensions

15 1/2" L x 3 11/32" W x 2" H

[†]Refer to specification sheet for approved dimmers.

Ballasts



Dimensions

15 1/4" L x 3 7/32" W x 2 1/16" H

Note: Maximum combined remote lead length and fixture length may not exceed 18'

Finish

Natural
Aluminum

Features

- Push button on/off switch
- 120/277 Volt input

T5HO

Catalog

Description

BET5HO-124	Remote mount ballast enclosure with one electronic, low harmonic distortion ballast for (1) 24W T5/HO
BET5HO-139	Remote mount ballast enclosure with one electronic, low harmonic distortion ballast for (1) 39W T5/HO
BET5HO-154	Remote mount ballast enclosure with one electronic, low harmonic distortion ballast for (1) 54W T5/HO
BET5HO-180	Remote mount ballast enclosure with one electronic, low harmonic distortion ballast for (1) 80W T5/HO
BET5HO-224	Remote mount ballast enclosure with one electronic, low harmonic distortion ballast for (2) 24W T5/HO
BET5HO-239	Remote mount ballast enclosure with one electronic, low harmonic distortion ballast for (2) 39W T5/HO
BET5HO-254	Remote mount ballast enclosure with one electronic, low harmonic distortion ballast for (2) 54W T5/HO

Factory Installed Options (add suffix to remote ballast)

Suffix	Description
-CP6WH	6 Ft. cord w/3-prong plug, white, 120V, 3A
-CP6BL	6 Ft. cord w/3-prong plug, black, 120V, 3A
-CO315WH ¹	Single convenience outlet, 3-prong receptacle, white, 120V, 15A
-CO315BL ¹	Single convenience outlet, 3-prong receptacle, black, 120V, 15A

¹Note: Convenience outlet not wired to switch

Lamps

T5 High Output linear fluorescent lamps have a miniature bi-pin base and are energy efficient. Select from the following characteristics:



T5HO Fluorescent

Catalog

Description

F24T5/830	24W, 21.6" length, 2000 lumens, 3000K, CRI=85, 20,000 hrs. life
F24T5/835	24W, 21.6" length, 2000 lumens, 3500K, CRI=85, 20,000 hrs. life
F24T5/841	24W, 21.6" length, 2000 lumens, 4100K, CRI=85, 20,000 hrs. life
F39T5/830	39W, 33.4" length, 3500 lumens, 3000K, CRI=85, 20,000 hrs. life
F39T5/835	39W, 33.4" length, 3500 lumens, 3500K, CRI=85, 20,000 hrs. life
F39T5/841	39W, 33.4" length, 3500 lumens, 4100K, CRI=85, 20,000 hrs. life
F54T5/830	54W, 45.2" length, 5000 lumens, 3000K, CRI=85, 20,000 hrs. life
F54T5/835	54W, 45.2" length, 5000 lumens, 3500K, CRI=85, 20,000 hrs. life
F54T5/841	54W, 45.2" length, 5000 lumens, 4100K, CRI=85, 20,000 hrs. life



NaviLite® Exit and Emergency Lighting

NaviLite Exit and Emergency Lighting offers reliability, easy installation, and great value. Featuring the premium quality and fast delivery Juno Lighting Group is famous for, NaviLite exit signs and emergency units are the ideal choice for all your retail, commercial, and industrial emergency lighting requirements. Our comprehensive line includes exit signs, emergency lighting units, remote fixture heads, and accessories to suit practically any application. Nearly all NaviLite exit signs feature ultra-efficient, long-life LED illumination that provides dramatic reductions in operating costs. And our entire product family is optimized for high-performance and affordability.





NaviLite® Exit and Emergency Lighting

NaviLite LED exit signs ... energy-efficient and virtually maintenance-free

NaviLite LED exit signs incorporate today's most technologically advanced light source. LEDs consume a mere fraction of the energy used by other lighting methods and have such long life spans that they are virtually maintenance-free. LEDs combined with custom diffusing systems provide brilliant, uniform illumination, assuring that NaviLite exit signs excel at their assigned task.

NaviLite LED exit signs offer a variety of aesthetically pleasing designs, featuring soft, rounded edges and rich, subtle textures. They are constructed of durable materials such as polycarbonate/ABS copolymers, heavy gauge steel, and die-cast aluminum. They are color stable, impact resistant, flame retardant, and scratch resistant. Many designs include a quick-connect feature, and all have field-configurable chevron direction indicators.

For maximum performance at minimal operating cost, there is no better choice than NaviLite LED exit signs.



NaviLite emergency lighting leads the way

When power outages occur, you need emergency lighting you can depend on. Fortunately, you can always count on NaviLite emergency units to perform when the chips are down. Our emergency lighting units offer rugged design and construction for reliable operation in virtually any environment, including damp or wet locations if specified. They are quick and easy to install and feature fully adjustable lighting heads that can be aimed in any direction. Remote lighting heads provide additional design flexibility for demanding environments.

NaviLite emergency lighting possesses a contemporary look that enables them to blend well in any application. They feature dual voltage 120/277 w operation for added versatility and offer a variety of specialty items such as fluorescent emergency ballasts.

NaviLite products are ready to perform when you need them the most, providing reliable, automatic operation in emergency lighting situations.

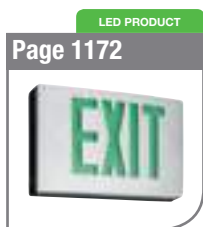
Exit Signs



NXECRA Series
Recessed Mount
Edge-Lit LED Exit Sign



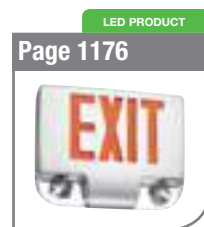
NXESA Series
Surface Mount
Edge-Lit LED Exit Sign



NXD Series
Die Cast Aluminum
LED Exit Sign



NXDA Series
Thin Die Cast Aluminum
LED Exit Sign



NXDC Series
Die Cast Aluminum
LED Combo



NXS Series
Steel LED Exit Sign



NXP Series
Thermoplastic
LED Exit Sign



NXPA Series
Thermoplastic
LED Exit Sign



NXPCA Series
Thermoplastic
LED Combo Exit Sign



NXPCCL Series
Thermoplastic
LED Combo Exit Sign



NXPC Series
Thermoplastic
LED Combo Exit Sign



NXPL Series
Thermoplastic
Linear LED Combo



NXWC Series Wet
Location LED
Combo Exit Sign



NXW Series Wet
Location LED Exit Sign



NXWA Series
Low Profile Wet Location

Emergency Lighting



N1L Series Thermoplastic
LED Emergency Light



N1 Series Thermoplastic
Emergency Light



N4 Series Thermoplastic
Emergency Light



N3 Series Thermoplastic
Emergency Light



N3 High Wattage Series
Thermoplastic
Emergency Light

Emergency Lighting (cont)

Page 1201



N3W Wet Location Series
Emergency Light

Page 1202



N2 Series Thermoplastic
Emergency Light

Page 1203



NRG Series
Recessed
Emergency Gimbal

Page 1204



N7 Series
Semi-Recessed
Emergency Light

Page 1205



N5L Series Architectural
LED Emergency Light

LED PRODUCT

Page 1206



N5 Series Architectural
Emergency Light

Page 1208



N8L Series
Wet Location LED
Emergency Light

LED PRODUCT

Page 1209



N8 Series Wet Location
Emergency Light

Page 1210



N6 & N12 Series
High Wattage
Emergency Lights

Page 1212



NRL Series
LED Remote Heads

LED PRODUCT

Page 1214



NR Series
Remote Heads

Page 1216



NEB Series Fluorescent
Emergency Ballasts

Chicago Code Exit & Emergency Lighting

Page 1218



NCREXL & NCRESL Series
Recessed Mount Edge-Lit
LED Exit/Stairs Sign

LED PRODUCT

Page 1220



NCEXL & NCESL Series
Surface Mount Edge-Lit
LED Exit/Stairs Sign

LED PRODUCT

Page 1222



NCSL & NCXL Series
Steel LED Exit/Stairs Sign

LED PRODUCT

Page 1224



NC6 & NC12 Series
6-Volt & 12-Volt Operation
Emergency Lighting

Page 1227



NCR Series
T-Bar Recessed
Emergency Lighting

New York Approved Exit & Emergency Lighting



NNYXER Series
Recessed Mount
Edge-Lit LED Exit Sign



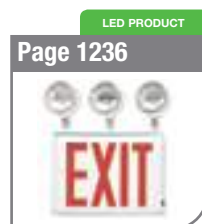
NNYXES Series
Surface Mount Edge-Lit
LED Exit Sign



NNYXD Series
Die Cast Aluminum
LED Exit Sign



NNYXS Series
Steel LED
Exit Sign



NNYXSC Series
Steel LED Combo
Exit/Emergency Sign



NNY6 & NNY12 Series
Emergency Lights

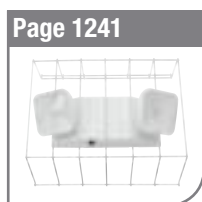
Accessories & Options



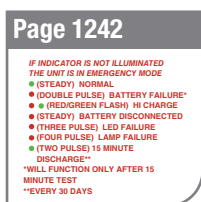
NXR Series
LED Retrofit Kits



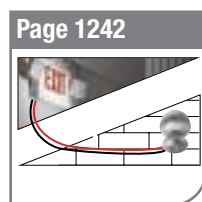
NVS Series
Vandal Shields



NWG Series
Wire Guards



Self-Diagnostic/Self-Test
(SD) Option



High Output (HO) Option



Two-Circuit Capability
(2C) Option

Technical Information and Photometrics

Page 1243

Total Watts on Wire Run	Wiring Distance in Feet (for max)				
	#12	#10	#8	#6	#4
6	69	141	225	357	35
8	66	106	168	248	26
9	59	94	150	238	22
10	53	84	135	214	21
12	44	70	112	178	17
16	33	53	84	134	11
18	29	47	75	119	1

Technical Information



Exit Signs | NXECRA Series

Recessed Mount Edge-Lit LED Exit Sign AC Only



Applications

Ideal choice for upscale offices, healthcare facilities, and high-rises that have a power inverter or generator system to supply emergency power. Offers all the benefits of LED lighting, like energy efficiency, minimum maintenance, and high reliability. Plug in connectors and Juno® pioneered field applied directional chevrons round the package for easy specification and installation.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Designed for applications where a power inverter or generator is available to supply emergency power
- Crystal clear acrylic face panel
- Steel recessed housing with plug in connectors for quick and easy trim installation
- Vertically adjustable up to 1" to accommodate different ceiling thickness
- Dual voltage 120/277 VAC operation
- A quick connector makes attaching the trim to the housing fast and easy
- Recessed housing comes with 3/4" knock-outs for AC input in different locations

Mounting

Ceiling recessed mounted • Includes telescoping bar hangers for joist or T-bar ceiling applications
• Vertically adjustable to accommodate varying ceiling thickness • Can be installed in drywall or suspended ceilings

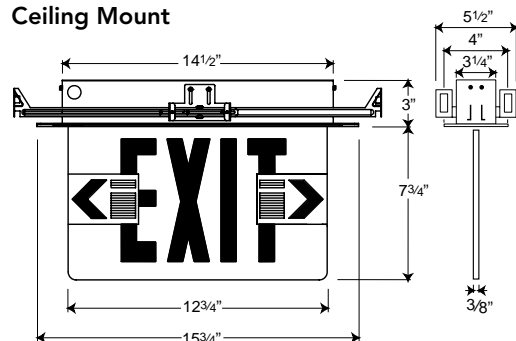
Ordering Information Example: NXECRA1RWHW

Series	Number of Faces	Letter Color	Finish	Face Plate Background
NXECRA	1	R	WH	Blank
NXECRA Ceiling Recessed	1 - Single Face 2 - Double Face	R - Red G - Green	WH - White AA - Anodized Aluminum	Blank = Clear for Single Face and Mirror for Double Face W = White Background for Single or Double Face

Note: Standard exits include a clear (transparent) background for single face exits or mirror background for double face exits. For white background fixtures as "W" at the end of the catalog number.

Dimensions

Ceiling Mount



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red or green LEDs

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.029	3.167
Red LED	277	0.013	3.229
Green LED	120	0.028	3.163
Green LED	277	0.012	3.041



Applications

Ideal for upscale offices, healthcare facilities, and high-rises. Offers all the benefits of LED lighting, like energy efficiency, minimum maintenance, and high reliability. Plug in connectors and Juno® pioneered field applied directional chevrons round the package for easy specification and installation.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Crystal clear acrylic face panel
- Steel recessed housing with plug in connectors for quick and easy trim installation
- Vertically adjustable up to 1" to accommodate different ceiling thickness
- Dual voltage 120/277 VAC
- A quick connector makes attaching the trim to the housing fast and easy
- Recessed housing comes with 3/4" knock-outs for AC input in different locations
- Rechargeable NiCad battery

Mounting

Ceiling recessed • Includes telescoping bar hangers for joist or T-bar ceiling applications • Vertically adjustable to accommodate varying ceiling thickness • Can be installed in drywall or suspended ceilings

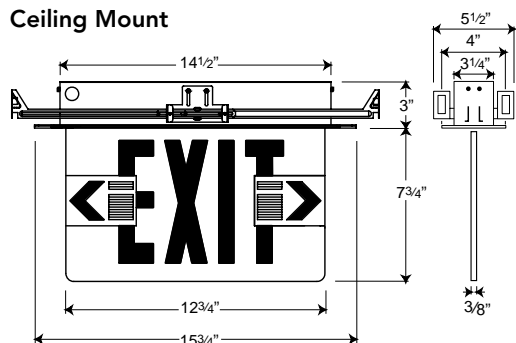
Ordering Information Example: NXECRBA1RWHW

Series	Number of Faces	Letter Color	Finish	Face Plate Background
NXECRBA	1	R	WH	Blank
NXECRBA Ceiling Recessed	1 - Single Face 2 - Double Face	R - Red G - Green	WH - White AA - Anodized Aluminum	Blank = Clear for Single Face and Mirror for Double Face W = White Background for Single or Double Face

Note: Standard exits include a clear (transparent) background for single face exits or mirror background for double face exits. For white background fixtures as "W" at the end of the catalog number.

Dimensions

Ceiling Mount



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red or green LEDs

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.032	3.638
Red LED	277	0.015	3.928
Green LED	120	0.035	3.881
Green LED	277	0.017	4.361

Battery Rechargeable Nickel Cadmium, maintenance-free

- Battery will operate the sign for a minimum of 90 minutes in the event of a power outage

Battery Type	Temp. Range ¹
NiCad	32°F - 100°F

¹To obtain rated life and capacity



Applications

Ideal for architectural applications, Surface Mount Edge-Lit LED Exit Signs offer specification grade aesthetics with in-field installation flexibility.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Aesthetically pleasing extruded aluminum housing in white and anodized aluminum finishes
- Adjustable angle face plate design for slope ceiling applications
- Crystal clear acrylic face panel (single face)
- Mirror divider on double face versions
- Field applied chevron directional indicators – pioneered by Juno® in 1997 – simplifies specification and installation
- Tri-mount canopy (included) enables top, back or end mounting
- Dual voltage 120/277 VAC operation

Mounting

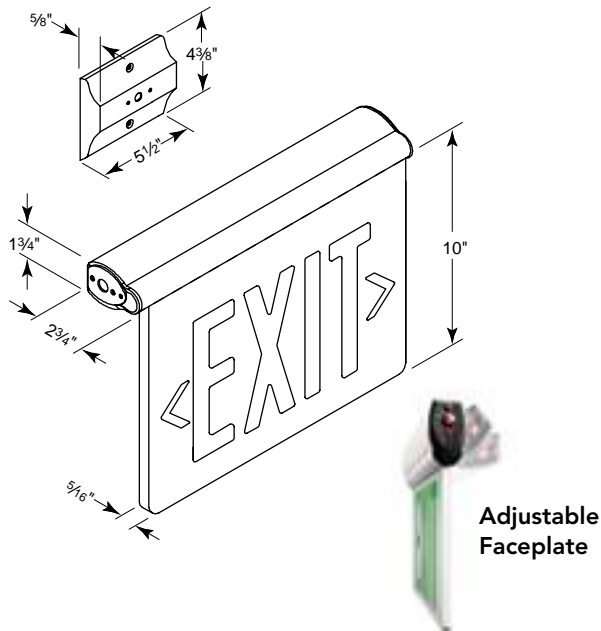
May be top, back or end mounted • All signs include die cast aluminum canopy and mounting hardware for easy top, back or end mount installation

Ordering Information

Example: **NXESA1RWH2C**

Series	Number of Faces	Letter Color	Finish	Options
NXESA	1	R	WH	2C
NXESA Series	1 - Single Face, Clear Background 2 - Double Face, Mirror Background	R - Red G - Green	WH - White AA - Anodized Aluminum	2C - Two Independent Circuits (Available with white finish only)

Dimensions



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.03	0.879
Red LED	277	0.02	0.726
Green LED	120	0.03	0.853
Green LED	277	0.02	0.795



Applications

Ideal for architectural applications, Surface Mount Edge-Lit LED Exit Signs offer specification grade aesthetics with in-field installation flexibility. Includes battery back-up for 90 minute operation after power outage.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Aesthetically pleasing extruded aluminum housing in white and anodized aluminum finishes
- Adjustable angle face plate design for slope ceiling applications
- Crystal clear acrylic face panel (single face)
- Mirror divider on double face versions
- Field applied chevron directional indicators – pioneered by Juno® in 1997 – simplifies specification and installation
- Tri-mount canopy (included) enables top, back or end mounting
- Dual voltage 120/277 VAC operation
- Maintenance-free Nickel Cadmium battery

Mounting

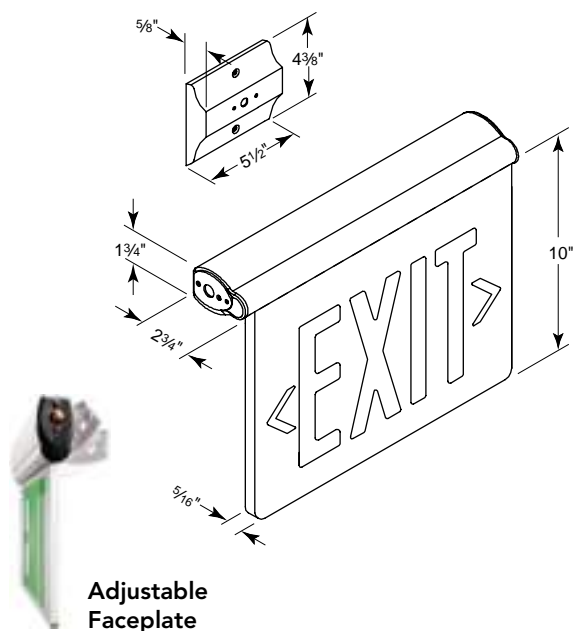
May be top, back or end mounted • All signs include die cast aluminum canopy and mounting hardware for easy top, back or end mount installation

Ordering Information

Example: **NXESBA1RAA**

Series	Number of Faces	Letter Color	Finish
NXESBA	1	R	AA
NXESBA Series	1 - Single Face, Clear Background 2 - Double Face, Mirror Background	R - Red G - Green	WH - White AA - Anodized Aluminum

Dimensions



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.140	1.27	1.27
Red LED	277	0.136	1.05	1.05
Green LED	120	0.139	1.22	1.20
Green LED	277	0.137	1.09	1.09

*Fully charged battery

Battery Maintenance-free Nickel Cadmium

- Battery will operate sign for a minimum of 90 minutes in the event of a power outage • NiCad battery warranted for five years

Battery Type	Temp. Range ¹
NiCad	32°F - 100°F

¹To obtain rated life and capacity



Applications

Die Cast Aluminum LED Exit Signs offer rich, unparalleled aesthetics in a durable, all-metal construction. This cost-effective package offers premium performance and simplified installation, making it the benchmark selection for both architectural and commercial applications.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Architectural-grade, die cast aluminum housing in a variety of finishes
- Gently arched faceplate snaps into housing without tools
- Field selectable chevron directional indicator knockouts
- Integral wiring channels to facilitate installation
- Universal mounting pattern knockouts in backplate for junction box mounting
- Die cast aluminum canopy (included) enables top or end mounting
- Dual voltage 120/277 VAC operation

Mounting

May be top, end or back mounted • All signs include die cast aluminum canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple junction box mounting • Single face versions are field-convertible to double face using accessory faceplate

Ordering Information

Example: **NXD1RBAB**

Series	Number of Faces	Letter Color	Finish
NXD	1	R	BAB
NXD Series	1 - Single Face 2 - Double Face	R - Red G - Green	WH - White BL - Black BA - Brushed Aluminum BAB - Brushed Aluminum Face/ Black Housing BAW - Brushed Aluminum Face/ White Housing

Accessories

Catalog No.	Description
NXDPRGWH	Second Faceplate - White
NXDPRGBL	Second Faceplate - Black
NXDPRGBA	Second Faceplate - Brushed Aluminum
NVS1	Polycarbonate Vandal Shield - Small
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

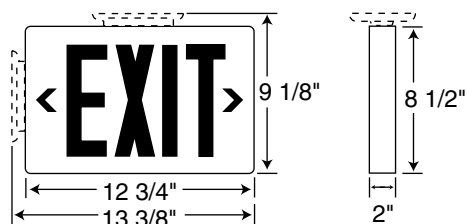
Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.02	2.1
Red LED	277	0.01	2.2
Green LED	120	0.02	2.0
Green LED	277	0.01	2.1

Dimensions





Applications

Die Cast Aluminum LED Exit Signs offer rich, unparalleled aesthetics in a durable, all-metal construction. This cost-effective package offers premium performance and simplified installation, making it the benchmark selection for both architectural and commercial applications.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Architectural-grade, die cast aluminum housing in a variety of finishes
- Gently arched faceplate snaps into housing without tools
- Field selectable chevron directional indicator knockouts
- Integral wiring channels to facilitate installation
- Universal mounting pattern knockouts in backplate for junction box mounting
- Die cast aluminum canopy (included) enables top or end mounting
- Maintenance-free sealed nickel cadmium battery
- Dual voltage 120/277 VAC operation

Mounting

May be top, end or back mounted • All signs include die cast aluminum canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple junction box mounting • Single face versions are field-convertible to double face using accessory faceplate

Ordering Information

Example: **NXDB1RBABSD**

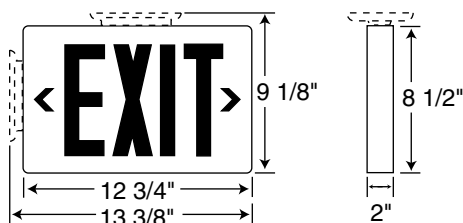
Series	Number of Faces	Letter Color	Finish	Options
NXDB	1	R	BAB	SD
NXDB Series	1 - Single Face 2 - Double Face	R - Red G - Green	WH - White BL - Black BA - Brushed Aluminum BAB - Brushed Aluminum Face/ Black Housing BAW - Brushed Aluminum Face/ White Housing	SD - Self Diagnostics

Accessories

Catalog No.	Description
NXDFPRGWH	Second Faceplate - White
NXDFPRGBL	Second Faceplate - Black
NXDFPRGBA	Second Faceplate - Brushed Aluminum
NVS1	Polycarbonate Vandal Shield - Small
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.03	3.3	2.8
Red LED	277	0.01	3.6	3.1
Green LED	120	0.03	3.5	3.1
Green LED	277	0.02	3.9	3.4

*Fully charged battery

Battery Maintenance-free nickel cadmium • Designed to operate over a wider range of temperatures (32°F - 100°F operating range) • Battery will operate sign for 90 minutes in the event of a power outage • Battery warranted for five years

Battery Type	Temp. Range ¹
NiCad	32°F - 100°F

¹To obtain rated life and capacity



Applications

Architecturally pleasing design details, along with an array of rich and durable finishes, have made this the benchmark selection for architectural and commercial environments. Offers long lamp life, energy efficiency and uniform illumination. Premium installation features include snap-fit faceplate, pre-drilled canopy attachment locations and easily removable chevron directional indicators.

Code Compliance

- UL 924
- Damp Location Rated
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Die cast aluminum housing and faceplate
- Includes die cast aluminum canopy for top or end mounting
- Universal mounting pattern knockouts for J-box mounting
- Pre-drilled canopy attachment locations with easily removed hole covers
- Integral wiring channels
- Red or green letters
- Dual voltage 120/277 VAC operation
- A quick connector makes attaching the trim to the housing fast and easy
- Available white, black or brushed aluminum finish

Mounting

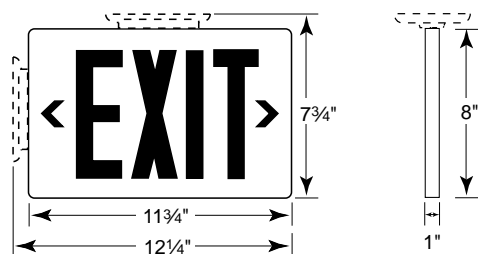
May be top, end or back mounted • All signs include die cast aluminum canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple J-box mounting • Single face versions are field-convertible to double face using accessory faceplate.

Ordering Information Example: NXDA1RBA

Series	Number of Faces	Letter Color	Finish
NXDA1RBA	1	R	BA
NXDA Thin Die Cast Aluminum	1 - Single Face 2 - Double Face	R - Red G - Green	WH - White BA - Brushed Aluminum BL - Black

Dimensions

Ceiling Mount



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red or green LEDs

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.09	0.8
Red LED	277	0.09	0.9
Green LED	120	0.09	1.1
Green LED	277	0.09	1.2

Accessories

Catalog Number	Description
NVS1	Polycarbonate vandal shield - small
NWG1	Wire guard - small

Accessories are ordered separately. To order, specify catalog number. Refer to Options & Accessories specification sheet for additional information.



Applications

Architecturally pleasing design details, along with an array of rich and durable finishes, have made this the benchmark selection for architectural and commercial environments. Offers long lamp life, energy efficiency and uniform illumination. Premium installation features include snap-fit faceplate, pre-drilled canopy attachment locations and easily removable chevron directional indicators.

Code Compliance

- UL 924
- Damp Location Rated
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Die cast aluminum housing and faceplate
- Includes die cast aluminum canopy for top or end mounting
- Universal mounting pattern knockouts for J-box mounting
- Pre-drilled canopy attachment locations with easily removed hole covers
- Integral wiring channels
- Red or green letters
- Dual voltage 120/277 VAC operation
- Brownout protection
- Overload and short circuit protection
- A quick connector makes attaching the trim to the housing fast and easy
- Available white, black or brushed aluminum finish

Mounting

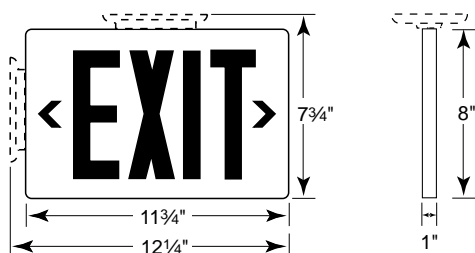
May be top, end or back mounted • All signs include die cast aluminum canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple J-box mounting.

Ordering Information

Example: **NXDBA1RBA**

Series	Number of Faces	Letter Color	Finish
NXDBA	1	R	BA
NXDBA Thin Die Cast Aluminum	1 - Single Face 2 - Double Face	R - Red G - Green	WH - White BA - Brushed Aluminum BL - Black

Dimensions



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red or green LEDs

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.09	0.8	1.0
Red LED	277	0.09	0.9	1.1
Green LED	120	0.09	1.1	1.2
Green LED	277	0.09	1.2	1.3

* Fully charged battery

Battery Long life, maintenance-free, high performance nickel cadmium • Designed to operate over a wider range of temperatures (32°F - 100°F operating range) • Battery will operate sign for a minimum of 90 minutes in the event of a power outage • Battery warranted for five full years

Battery Type	Battery Voltage	Shelf Life ¹	Expected Life ¹	Temp Range ²
NiCad	2.4V, 0.9Ah	3 years	8-10 years	32°F - 8100°F

¹ At 77°F

² To obtain rated life and capacity

Accessories

Catalog Number	Description
NVS1	Polycarbonate vandal shield - small
NWG1	Wire guard - small

Accessories are ordered separately.



Applications

Architecturally pleasing design details, along with an array of rich and durable finishes, have made this the benchmark selection for architectural and commercial environments. Offers long lamp life, energy efficiency and uniform illumination. The NXDC Series is supplied with two factory installed lighting heads with white LED lamps, combining exit signage and emergency lighting for a convenient, comprehensive solution.

Code Compliance

- UL 924
- Damp Location Rated
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Die cast aluminum housing and faceplate
- Includes die cast aluminum canopy for top or end mounting
- Universal mounting pattern knockouts for J-box mounting
- All LED adjustable heads
- Integral wiring channels
- Red or green letters
- Dual voltage 120/277 VAC operation
- Brownout protection
- Overload and short circuit protection
- A quick connector makes attaching the trim to the housing fast and easy
- Available white, black or brushed aluminum finish

Mounting

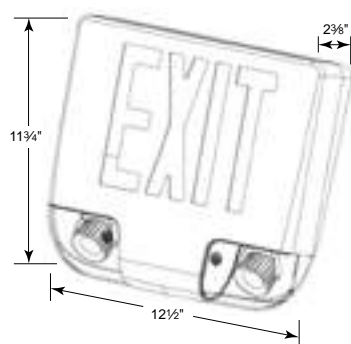
May be top, end or back mounted • All signs include die cast aluminum canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple J-box mounting • Single face versions are field convertible to double face using accessory faceplate.

Ordering Information

Example: **NXDCA2GBA**

Series	Number of Faces	Letter Color	Finish
NXDC	1	R	BA
NXDC Die Cast Aluminum LED Combo	1 - Single Face 2 - Double Face	R - Red G - Green	WH - White BA - Brushed Aluminum BL - Black

Dimensions



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red or green LEDs

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.06	5.6	4.1
Red LED	277	0.03	5.6	4.2
Green LED	120	0.06	5.6	4.1
Green LED	277	0.03	4.8	4.2

* Fully charged battery

Battery Long life, maintenance-free, high performance nickel cadmium • Designed to operate over a wider range of temperatures (32°F - 100°F operating range) • Battery will operate sign for a minimum of 90 minutes in the event of a power outage • Battery warranted for five full years

Accessories

Catalog No.	Description	Max Remote Load Qty.
NXDAFPRWH	Extra Faceplate Red Letters, White Finish	N/A
NXDAFPGWH	Extra Faceplate Green Letters, White Finish	N/A
NXDAFPRBA	Extra Faceplate Red Letters, Aluminum Finish	N/A
NXDAFPGBA	Extra Faceplate Green Letters, Aluminum Finish	N/A
NXDAFPRBL	Extra Faceplate Red Letters, Black Finish	N/A
NXDAFGBL	Extra Faceplate Green Letters, Black Finish	N/A

Accessories are ordered separately. To order, specify catalog number. Refer to Options & Accessories specification sheet for additional information.

Battery Type

Battery Type	Battery Voltage	Shelf Life ¹	Expected Life ¹	Temp. Range ²
NiCad (Std. & HO)	8.4V, 1700mA	3 years	8-10 years	32°F - 8100°F

¹ At 77°F

² To obtain rated life and capacity.



Juno Lighting Group Corporate Headquarters, Des Plaines, Illinois; PictureBoy Photography



Applications

Steel LED Exit Signs offer a sleek appearance in a rugged design. Ideal for applications that require the durability of metal construction in an economical package, along with the operating savings provided by LED lamps.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Ordering Information

Example: **NXS3RWH**

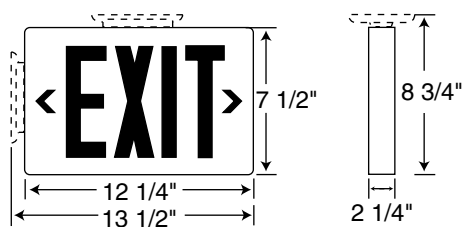
Series	Number of Faces	Letter Color	Finish
NXS	3	R	WH
NXS Series	3 - Universal Single/Double Face	R - Red G - Green	WH - White BL - Black

Accessories

Catalog No.	Description
NVS1	Polycarbonate Vandal Shield - Small
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Features

- Rugged, heavy duty, die-formed steel construction
- Corrosion resistant polyester powder coat paint
- Field selectable chevron directional indicator knockouts
- Universal mounting pattern knockouts in backplate for junction box mounting
- Screw-on canopy (included) for simple top or end mounting
- Universal single face and double face (extra faceplate included)
- Dual voltage 120/277 VAC operation

Mounting

May be top, end or back mounted • All signs include canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.04	4.9
Red LED	277	0.02	4.9
Green LED	120	0.02	1.8
Green LED	277	0.01	1.8



Applications

Steel LED Exit Signs offer a sleek appearance in a rugged design. Ideal for applications that require the durability of metal construction in an economical package, along with the operating savings provided by LED lamps.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Ordering Information

Example: **NXSB3RWH**

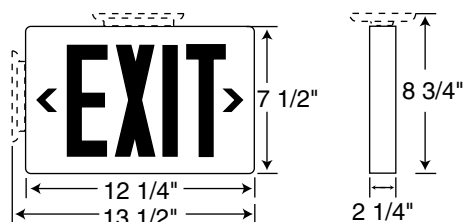
Series	Number of Faces	Letter Color	Finish
NXSB	3	R	WH
NXSB Series	3 - Universal Single/Double Face	R - Red G - Green	WH - White BL - Black

Accessories

Catalog No.	Description
NVS1	Polycarbonate Vandal Shield - Small
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Features

- Rugged, heavy duty, 20-gauge die-formed steel construction
- Corrosion resistant polyester powder coat paint
- Field selectable chevron directional indicators
- Universal mounting pattern knockouts in backplate for junction box mounting
- Screw-on canopy (included) for simple top or end mounting
- Universal single face and double face (extra faceplate included)
- Dual voltage 120/277 VAC operation
- Maintenance-free sealed nickel cadmium battery

Mounting

May be top, end or back mounted • All signs include canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.05	5.3	4.9
Red LED	277	0.02	5.5	5.5
Green LED	120	0.02	2.6	2.6
Green LED	277	0.01	2.8	2.7

*Fully charged battery

Battery Long life, maintenance-free, high performance nickel cadmium • Designed to operate over a wider range of temperatures (32°F - 100°F operating range) • Battery will operate sign for a minimum of 90 minutes in the event of a power outage • Battery warranted for five full years

Battery Type	Temp. Range ¹
NiCad	32°F - 100°F

¹To obtain rated life and capacity



Applications

Slim profile Thermoplastic LED Exit Signs offer long lamp life, energy efficiency and uniform illumination in an economical package. Possessing premium installation features such as a snap-fit canopy and housing, along with push-out chevron directional indicators, the NXP Series offers unsurpassed value in an aesthetically pleasing design.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction in black or white finishes
- Snap-fit faceplate installs without the use of tools
- Field replaceable chevron directional indicator knockouts
- Integral wiring channels to facilitate installation
- Universal mounting pattern knockouts in backplate for junction box mounting
- Snap-fit canopy (included) enables speedy top or end mounting
- Universal single face and double face (extra faceplate included)
- Dual voltage 120/277 VAC operation

Mounting

May be top, back or end mounted • All signs include quick-install snap-fit canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: **NXP3RWH2C**

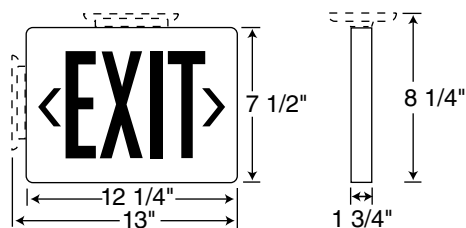
Series	Number of Faces	Letter Color	Finish	Options
NXP	3	R	WH	2C
NXP Series	3 - Universal Single/Double Face	R - Red G - Green	WH - White BL - Black	2C - Two-Circuit Operation

Accessories

Catalog No.	Description
NVS1	Polycarbonate Vandal Shield - Small
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.02	2.1
Red LED	277	0.01	2.3
Green LED	120	0.03	2.7
Green LED	277	0.01	2.8



Applications

Slim profile Thermoplastic LED Exit Signs offer long lamp life, energy efficiency and uniform illumination in an economical package. Possessing premium installation features such as a snap-fit canopy and housing, along with push-out chevron directional indicators, the NXPB Series offers unsurpassed value in an aesthetically pleasing design.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction in black or white
- Snap-fit faceplate installs without the use of tools
- Field replaceable chevron directional indicators
- Integral wiring channels to facilitate installation
- Universal mounting pattern knockouts in backplate for junction box mounting
- Snap-fit canopy (included) enables speedy top or end mounting
- Maintenance-free sealed NiCad battery
- Universal single face and double face
- Optional High Output version can power an additional 11 watts for remote heads for 90 minutes
- Dual voltage 120/277 VAC operation

Mounting

May be top, back or end mounted • All signs include quick-install snap-fit canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: NXPB3RWHSD

Series	Number of Faces	Letter Color	Finish	Options ¹
NXPB	3	R	WH	SD
NXPB Series	3 - Universal Single/Double Face	R - Red G - Green	WH - White BL - Black	HO - High Output/Remote Capable SD - Self-Diagnostics

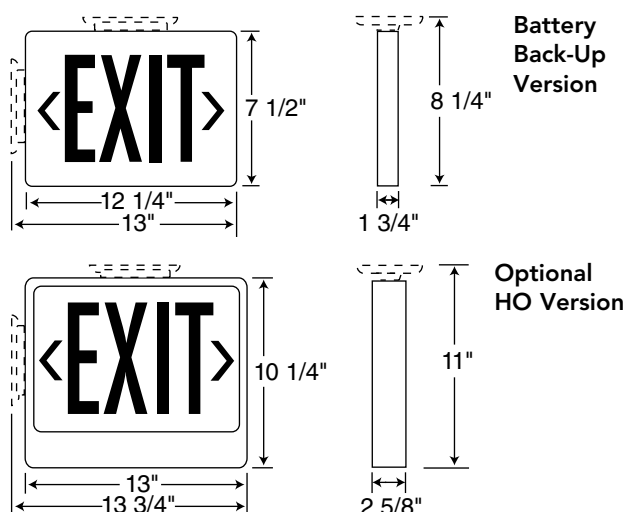
¹Options may not be combined – for applications requiring multiple options, consult factory

Accessories

Catalog No.	Description
NVS1	Polycarbonate Vandal Shield - Small
NVS2	Polycarbonate Vandal Shield - Medium Bubble
NWG1	Wire Guard - Small

NVS1 **will not** fit optional HO versions - specify NVS2 instead.
Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.03	3.1	2.7
Red LED	277	0.01	3.6	3.1
Green LED	120	0.03	3.1	2.6
Green LED	277	0.01	3.0	2.4
Red LED - HO Option	120	0.06	7.0	4.3
Red LED - HO Option	277	0.03	6.7	3.8
Green LED - HO Option	120	0.08	6.8	4.1
Green LED - HO Option	277	0.03	7.1	3.7

*Fully charged battery

- Battery** • Standard battery will operate sign for 90 minutes in the event of a power outage • HO version will operate the sign plus an additional 11W remote load for 90 minutes
- Compatible with 6V incandescent remote heads only, see remote head section for choices
 - Lead calcium battery warranted for one full year
 - Nickel cadmium battery warranted for five full years

Battery Type	Temp. Range ¹	Battery Voltage
NiCad (Std.)	32°F - 100°F	4.8V
Lead Calcium (HO)	40°F - 95°F	6V

¹To obtain rated life and capacity

NaviLite®

Exit Signs | NXPA Series

Thermoplastic LED Exit Sign AC Only



Applications

Slim profile Thermoplastic LED Exit Signs offer long lamp life, energy efficiency and uniform illumination in an economical package. Possessing premium installation features such as a snap-fit canopy and housing along with push-out chevron directional indicators, the NXPA Series offers unsurpassed value in an aesthetically pleasing design.

Code Compliance

- UL924
- Damp location rated
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant

Features

- Long life, energy saving LED lamps
- Injection molded, high impact, UV-stabilized thermoplastic construction in black or white finishes.
- Snap-fit faceplate installs without the use of tools
- Field replaceable chevron directional indicator knockouts
- Integral wiring channels to facilitate installation
- Universal mounting pattern knockouts in backplate for J-box mounting
- Universal single face and double face (extra faceplate included)
- Dual voltage 120/277 VAC operation

Mounting

May be top, back or end mounted • All signs include quick-install snap-fit canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: **NXPA3RWH**

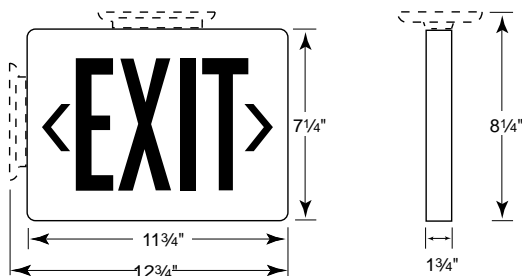
Series	Number of Faces	Letter Code	Finish	Options
NXPA	3	R	WH	2C
NXPA Series	3-Universal Single/Double Face	R-Red G-Green	WH-White Paint	2C-Two-Circuit Operation

Accessories

Catalog Number	Description
NVS1	Polycarbonate Vandal Shield - Small
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.
Refer to Accessories section pages 1104-1106 for additional information.

Dimensions



Electrical Data

Lamps Long life, energy saving LED lamps • LEDs are connected in a series/parallel configuration such that the unlikely failure of one LED will affect no more than one other LED • Red or Green LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.03	2.5
Red LED	277	0.02	2.6
Green LED	120	0.03	2.8
Green LED	277	0.01	2.9



Applications

Slim profile Thermoplastic LED Exit Signs offer long lamp life, energy efficiency and uniform illumination in an economical package. Possessing premium installation features such as a snap-fit canopy and housing along with push-out chevron directional indicators, the NXPBA Series offers unsurpassed value in an aesthetically pleasing design.

Code Compliance

- UL924
- Damp location rated
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant

Features

- Long life, energy saving LED lamps
- Injection molded, high impact, UV-stabilized thermoplastic construction in black or white finishes.
- Snap-fit faceplate installs without the use of tools
- Field replaceable chevron directional indicator knockouts
- Integral wiring channels to facilitate installation
- Universal mounting pattern knockouts in backplate for J-box mounting
- Snap-fit canopy (included) enables speedy top or end mounting
- Maintenance-free sealed NiCad battery
- Universal single face and double face
- Dual voltage 120/277 VAC operation

Mounting

May be top, back or end mounted • All signs include quick-install snap-fit canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: **NXPBA3RWH**

Series	Number of Faces	Letter Code	Finish	Options
NXPBA	3	R	WH	SD
NXPBA Series	3-Universal Single/ Double Face	R-Red G-Green	WH-White BL-Black	HO-10.8W Remote Capable SHO-22W Remote Capable SD-Self Diagnostics
				Note: Options HO, SHO and SD available in white finish only

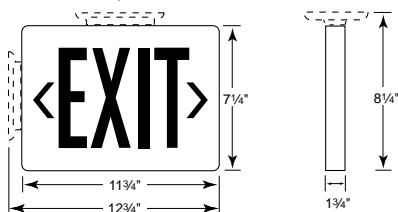
Accessories

Catalog Number	Description
NVS1	Polycarbonate Vandal Shield - Small
NWG1	Wire Guard - Small

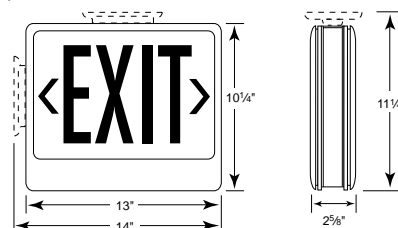
Accessories are ordered separately. To order, specify catalog number.
Refer to Accessories section pages 1104-1106 for additional information.

Dimensions

Battery Back-Up Version



Optional HO and SHO Version



Electrical Data

Lamps Long life, energy saving LED lamps • Red or Green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.03	2.5	2.5
Red LED	277	0.01	2.6	2.6
Green LED	120	0.03	2.7	2.6
Green LED	277	0.01	2.6	2.4
Red LED - SD Option	120	0.04	4.4	3.9
Red LED - SD Option	277	0.02	4.3	3.6
Green LED - SD Option	120	0.04	3.9	3.5
Green LED - SD Option	277	0.02	3.9	3.6

Battery Standard exit sign supplied with NiCad battery, HO and SHO option supplied with lead calcium battery
 • Standard battery will operate sign for a minimum of 90 minutes in the event of a power outage • HO version will operate the sign plus an additional 10.8W of remote load
 • SHO version will operate sign plus an additional 22W remote load • HO option compatible with incandescent 6V remote heads only, see remote head section for available choices

Battery Type	Temp. Range ¹
NiCad	32°F - 100°F
Lead Acid (HO)	40°F-95°F
Lead Acid (SHO)	40°F-95°F

¹To obtain rated life and capacity



Applications

Slim profile Thermoplastic LED Exit Signs offer long lamp life, energy efficiency and uniform illumination in an economical package. Possessing premium installation features such as a snap-fit canopy and housing along with push-out chevron directional indicators, the NXPCA Series offers unsurpassed value in an aesthetically pleasing design.

Code Compliance

- UL924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Long life, energy saving LED lamps
- Injection molded, high impact, UV-stabilized thermoplastic construction in black or white finishes.
- Snap-fit faceplate installs without the use of tools
- Field replaceable chevron directional indicator knockouts
- Integral wiring channels to facilitate installation
- Lighting heads can be positioned on top or side of exit
- Snap-fit canopy (included) enables speedy top or end mounting
- Maintenance-free sealed Lead Calcium battery
- Universal single face and double face
- Optional High Output version can power an additional 10.8 watts of remote heads for 90 minutes

Mounting

May be top, back or end mounted • All signs include quick-install snap-fit canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

- Light heads can be positioned on top or sides of exit to accommodate different installation requirements

Ordering Information

Example: **NXPCA3RWH**

Series	Number of Faces	Letter Code	Finish	Options
NXPCA	3	R	WH	SD
NXPCA Series	3-Universal Single/Double Face	R-Red G-Green	WH-White BL-Black	HO-High Output/Remote Capable SD-Self-Diagnostics

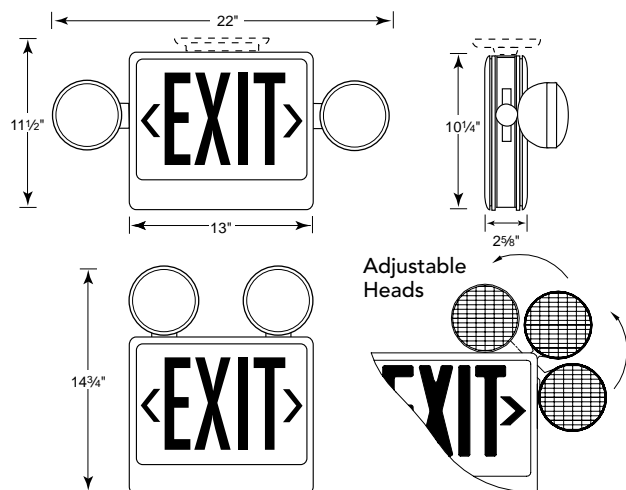
Note: Option SD available in white finish only

Accessories

Catalog Number	Description
NVS4	Polycarbonate Vandal Shield - Large (fits heads on the side only)
NWG2	Wire Guard - Large

Accessories are ordered separately. To order, specify catalog number.
Refer to Accessories section pages 1104-1106 for additional information.

Dimensions



Electrical Data

Lamps Long life, energy saving LED lamps • Red or Green LED/letters • Signs consume less than 5 watts in standby mode

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.11	12.3	3.3
Red LED	277	0.06	14.5	3.4
Green LED	120	0.10	11.3	3.2
Green LED	277	0.11	12.0	3.2
Red LED - HO Option	120	0.04	4.4	3.9
Red LED - HO Option	277	0.02	4.3	3.6
Green LED - HO Option	120	0.10	11.3	3.3
Green LED - HO Option	277	0.05	13.0	3.2
Red LED - SD Option	120	0.09	9.8	3.9
Red LED - SD Option	277	0.04	9.5	3.7
Green LED - SD Option	120	0.08	9.1	3.9
Green LED - SD Option	277	0.04	9.0	3.7

* Fully charged battery

Battery Standard battery will operate sign and two 5.4W heads for 90 minutes in the event of a power outage

- HO version will operate the sign with two 5.4W heads plus 10.8W of remote load for 90 minutes • Lead calcium battery warranted for one full year • HO option compatible with incandescent 6V remote heads only, see remote heads section for available choices

Battery Type	Temp. Range ¹
Lead Calcium (HO)	40°F - 95°F

¹To obtain rated life and capacity



Applications

Energy saving combination LED exit sign and emergency lighting unit in one compact, modern design. Flexibility and multi-function capabilities make our combo lights one of our most popular models.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction in black and white finishes
- Snap-fit faceplate installs without the use of tools
- Field replaceable chevron directional indicators
- Dual voltage 120/277 VAC operation
- Maintenance-free NiCad battery
- Optional High Output versions can power two additional remote heads
- Snap-fit canopy (included) enables speedy top mounting
- Universal single face and double face (extra faceplate included)
- Fully adjustable lighting heads

Mounting

May be top or back mounted • All signs include quick-install snap-fit canopy and mounting hardware for easy top mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: NXPCL3RWHHO

Series	Number of Faces	Letter Color	Finish	Options
NXPCL	3	R	WH	HO
NXPCL Series	3 - Universal Single/Double Face	R - Red G - Green	WH - White BL - Black	HL - High Lumen HO - High Output/Remote Capable SD - Self-Diagnostics

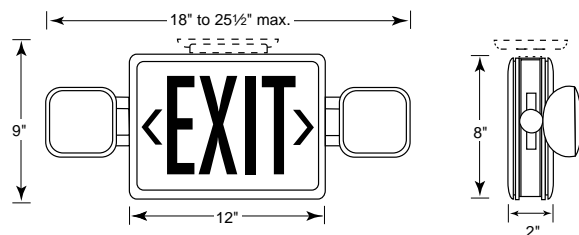
Accessories

Catalog No.	Description
NVS4	Polycarbonate Vandal Shield - Large Bubble
NWG2	Wire Guard - Large

For remote heads, refer to Remote Head section series NRLC.

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.04	3.67	2.69
Red LED	277	0.02	3.98	2.63
Green LED	120	0.03	2.78	2.43
Green LED	277	0.02	2.75	2.38
Red LED - HO Option	120	0.04	3.91	2.76
Red LED - HO Option	277	0.02	4.37	3.09
Green LED - HO Option	120	0.04	3.95	2.80
Green LED - HO Option	277	0.02	4.39	3.15

*Fully charged battery

Battery Sealed, maintenance-free NiCad battery will operate sign and two heads for 90 minutes in the event of a power outage • HO version will operate the sign and two heads plus an additional two remote heads for 90 minutes

Battery Type	Battery Voltage	Temp. Range ¹
NiCad (Std.)	9.6V, 700mAh	32°F - 100°F
NiCad (HO)	9.6V, 900mAh	32°F - 100°F

¹To obtain rated life and capacity



Applications

Energy saving combination LED exit sign and emergency lighting unit in one compact, modern design. Flexibility and multi-function capabilities make our combo lights one of our most popular models.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction in black and white finishes
- Snap-fit faceplate installs without the use of tools
- Field replaceable chevron directional indicators
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery
- Optional High Output versions can power an additional 11W for 90 minutes
- Snap-fit canopy (included) enables speedy top mounting
- Universal single face and double face (extra faceplate included)
- Fully adjustable lighting heads

Mounting

May be top or back mounted • All signs include quick-install snap-fit canopy and mounting hardware for easy top mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: NXPC3RWHHO

Series	Number of Faces	Letter Color	Finish	Options ¹
NXPC	3	R	WH	HO
NXPC Series	3 - Universal Single/Double Face	R - Red G - Green	WH - White BL - Black	HO - High Output/Remote Capable SD - Self-Diagnostics

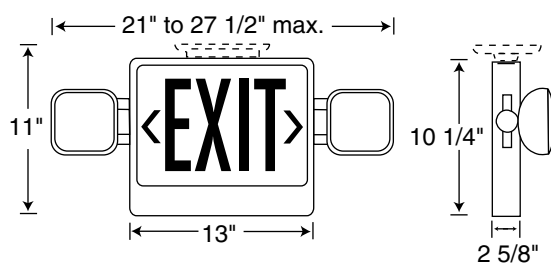
¹ Options may not be combined - for applications requiring multiple options, consult factory.

Accessories

Catalog No.	Description
NVS4	Polycarbonate Vandal Shield - Large Bubble
NWG2	Wire Guard - Large

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.06	6.5	3.6
Red LED	277	0.03	6.8	3.7
Green LED	120	0.06	7.1	4.2
Green LED	277	0.03	7.4	4.2
Red LED - HO Option	120	0.12	14.3	4.4
Red LED - HO Option	277	0.06	14.7	4.4
Green LED - HO Option	120	0.13	14.7	4.4
Green LED - HO Option	277	0.06	14.9	4.4

*Fully charged battery

Battery Sealed, maintenance-free lead calcium battery will operate sign and two 5.4W heads for 90 minutes in the event of a power outage • HO version will operate the sign and two 5.4W heads plus an additional 11W remote load for 90 minutes • HO option compatible with 6V incandescent remote heads only, see remote heads section for available choices

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium	6V, 4.5Ah	40°F - 95°F

¹To obtain rated life and capacity



Linear array is adjustable 180°

Applications

The NXPL Series offers unsurpassed value in an aesthetically pleasing design. NaviLite NXPL Series Linear LED Combo is a combination LED Exit Sign and LED Emergency Light in a compact and unobtrusive design, and uses a linear LED array that can be easily aimed with a screwdriver or coin to accurately illuminate the path of egress. All NXPL Series combos include a second faceplate and a snap-fit canopy for universal installation, and they all come with remote battery capacity to power up to 2 additional remote heads.

Code Compliance

- UL 924
- Damp Location Rated
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, engineering-grade, UV-stable thermoplastic
- UL94V-0 flame rating
- Impact, scratch, fade and corrosion-resistant
- Durable unibody housing frame with reinforcing ribs and integral wiring channel
- Snap-fit faceplate and backplate
- Second faceplate included for double face applications
- 6" letters with 3/4" stroke width
- Chevron directional indicators can be easily removed or reinserted as necessary
- Red or green letters
- White or black textured finish

Mounting

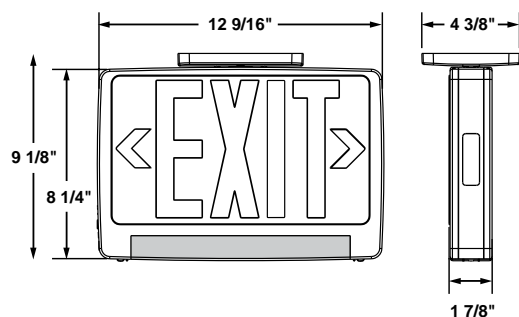
May be top, end, or back mounted • All signs include quickinstall snap-fit canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting.

Ordering Information

Example: NXPL3RWHHOSD

Series	Number of Faces	Letter Color	Finish	Remote Capacity	Options
NXPL	3	R	BA	HO	SD
NXPL Thermoplastic Linear LED Combo	Universal Single/Double Face	R - Red G - Green	WH - White BL - Black	HO - Up to 2 Remote Heads (Standard)	SD -Self Diagnostics

Dimensions



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red or green LEDs

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.04	3.9	3.0
Red LED	277	0.02	4.8	3.5
Green LED	120	0.04	4.5	2.7
Green LED	277	0.02	5.0	2.9

* Fully charged battery

Battery Sealed, maintenance-free NiCad • Battery will operate the sign, the linear LED array, and two remote heads (NRLCSQ series) for a minimum of 90 minutes in the event of a power outage • Compatible only with LED remote heads for 9.6V operation, see remote heads section for available choices

Battery Type	Battery Voltage	Shelf Life ¹	Expected Life ¹	Temp. Range ²
NiCad (Std.)	4.8V, (x2 to deliver 9.6V), 900mAh	3 years	8-10 years	32°F - 100°F

¹ At 77°F

² To obtain rated life and capacity.





Applications

Wet location approved exit signs feature an enclosure resistant to corrosive atmospheres, non-hazardous dust environments, hose-downs, water spray or splashing water.

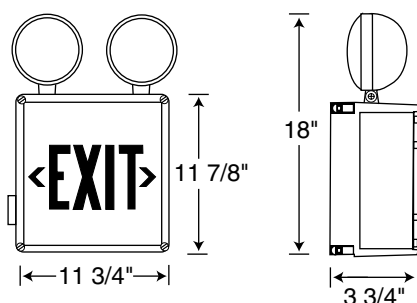
Code Compliance

- UL 924
- Wet Location Listed
- Suitable for use in 0°C - 40°C (32°F - 104°F) temperature range
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Ordering Information

Catalog No.	Letter Color	Finish
NXWCRGY	Red	Gray
NXWCGGY	Green	Gray

Dimensions



Features

- Corrosion and impact resistant thermoplastic housing
- Clear polycarbonate faceplate with white vinyl EXIT stencil
- Sealed and gasketed housing
- Sealed test switch and power indicator light
- Integral breather vent
- Field selectable chevron directional indicators
- Single face, surface mount version only
- Includes mounting screws and hardware
- Dual voltage 120/277 VAC operation
- Listed for wet location applications (0°C - 40°C)
- Maintenance-free sealed nickel cadmium battery
- Includes two sealed and gasketed 6V, 5.4W weatherproof lighting heads with tempered glass lenses (incandescent wedge base lamps)

Mounting

Surface (wall) mount only • Includes mounting screws and hardware

Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.07	7.3	7.0
Red LED	277	0.03	7.1	6.9
Green LED	120	0.06	6.8	6.0
Green LED	277	0.03	6.5	6.3

*Fully charged battery

Battery Long life, maintenance-free, high performance nickel cadmium • Designed to operate over a wider range of temperatures (32°F - 100°F operating range)

- Battery will operate sign and two 5.4W heads for a minimum of 90 minutes in the event of a power outage
- Nickel cadmium battery warranted for five full years

Battery Type	Temp. Range ¹
NiCad	32°F - 100°F

¹To obtain rated life and capacity



Applications

Wet location approved exit signs feature an enclosure resistant to corrosive atmospheres, non-hazardous dust environments, frequent water spray or splashing water.

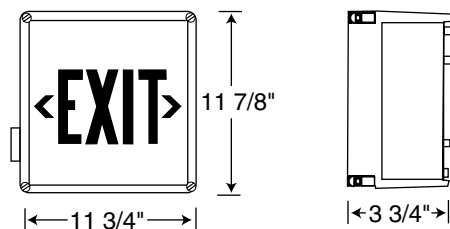
Code Compliance

- UL 924
- Wet Location Listed
- Suitable for use in 0°C - 40°C (32°F - 104°F) temperature range
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Ordering Information

Catalog No.	Letter Color	Finish
NXWRGY	Red	Gray
NXWGGY	Green	Gray

Dimensions



Features

- Impact resistant thermoplastic housing
- Clear polycarbonate faceplate with white vinyl EXIT stencil
- Sealed and gasketed housing
- Integral breather vent
- Field selectable chevron directional indicators
- Single face, surface mount version only
- Includes mounting screws and hardware
- Dual voltage 120/277 VAC operation
- Listed for wet location applications (0°C - 40°C)

Mounting

Surface (wall) mount only • Includes mounting screws and hardware

Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.02	2.5
Red LED	277	0.01	2.7
Green LED	120	0.02	2.7
Green LED	277	0.01	2.9



Applications

Wet location approved exit signs feature an enclosure resistant to non-hazardous dust environments, frequent water spray or splashing water.

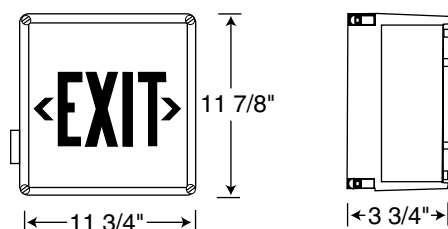
Code Compliance

- UL 924
- Wet Location Listed
- Suitable for use in 0°C - 40°C (32°F - 104°F) temperature range
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Ordering Information

Catalog No.	Letter Color	Finish
NXWBRGY	Red	Gray
NXWBGGY	Green	Gray

Dimensions



Features

- Corrosion and impact resistant thermoplastic housing
- Clear polycarbonate faceplate with white vinyl EXIT stencil
- Sealed and gasketed housing
- Sealed test switch and power indicator light
- Integral breather vent
- Field selectable chevron directional indicators
- Single face, surface mount version only
- Includes mounting screws and hardware
- Dual voltage 120/277 VAC operation
- Listed for wet location applications (0°C - 40°C)
- Maintenance-free 4.8V sealed nickel cadmium battery

Mounting

Surface (wall) mount only • Includes mounting screws and hardware

Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts
Red LED	120	0.03	3.6	2.9
Red LED	277	0.01	3.2	2.9
Green LED	120	0.03	3.4	3.0
Green LED	277	0.01	3.4	2.9

Battery Long life, maintenance-free, high performance nickel cadmium • Designed to operate over a wider range of temperatures (32°F - 100°F operating range) • Battery will operate sign for 90 minutes in the event of a power outage • Nickel cadmium battery warranted for five full years

Battery Type	Temp. Range ¹
NiCad	32°F - 100°F

¹To obtain rated life and capacity



Applications

NaviLite NXWA Series Wet Location LED Exit Signs offer long lamp life, energy efficiency and uniform illumination. Its vibration resistant LED illumination and polycarbonate lens makes this product ideal for demanding industrial environments, especially those subject to frequent water spray. The watertight, corrosion-resistant thermoplastic housing is sealed and gasketed to protect the internal electronics from water, dust and corrosive liquids.

Code Compliance

- UL924
- Wet Location Listed
- Suitable for use in 0°-40°C (32°-104°F) temperature range
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant.

Features

- Corrosion-resistant and impact-resistant thermoplastic housing
- Clear polycarbonate lens
- Sealed and gasketed housing
- Multiple factory identified conduit entry locations
- 6" letters with 3/4" stroke width
- Chevron directional indicators can be easily removed as necessary
- Single face or double face
- Red or green letters
- Industrial gray finish.

Mounting

Surface (surface top, back or end) mount only

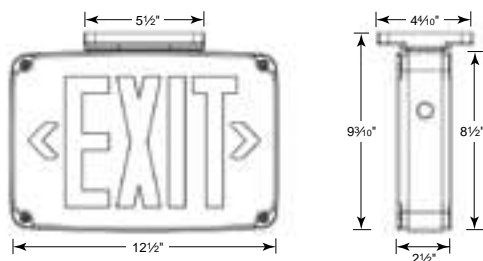
- Includes mounting screws, hardware, and gaskets.

Ordering Information

Example: NXWA1RGY2C

Series	Number of Faces	Letter Color	Finish	Options
NXWA	1	R	GY	2C
NXWA Wet Location LED Exit Sign AC Only	1 - Single Face 2 - Double Face	R - Red G - Green	GY - Gray	2C - Dual Circuit

Dimensions



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red or green LEDs

	Input Voltage	Max. Amps	Max. Watts
Red LED - STD	120	0.02	2.5
Red LED - STD	277	0.01	2.7
Green LED - STD	120	0.03	2.5
Green LED - STD	277	0.02	2.6
Red LED - 2C	120	0.03	2.4
Red LED - 2C	277	0.02	2.5
Green LED - 2C	120	0.03	2.4
Green LED - 2C	277	0.02	2.5



Applications

NaviLite NXWAB Series Wet Location LED Exit Signs offer long lamp life, energy efficiency and uniform illumination. Its vibration resistant LED illumination and polycarbonate lens makes this product ideal for demanding industrial environments, especially those subject to frequent water spray. The watertight, corrosion-resistant thermoplastic housing is sealed and gasketed to protect the internal electronics from water, dust and corrosive liquids.

Code Compliance

- UL924
- Wet Location Listed
- Suitable for use in 20°-40°C (-4°F-104°F) temperature range
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant.

Features

- Corrosion-resistant and impact-resistant thermoplastic housing
- Clear polycarbonate lens
- Sealed and gasketed
- Sealed test switch and power indicator
- Multiple factory identified conduit entry locations
- 6" letters with 3/4" stroke width
- Chevron directional indicators can be easily removed as necessary
- Single face or double face
- Red or green letters
- Industrial gray finish
- Cold temperature battery

Mounting

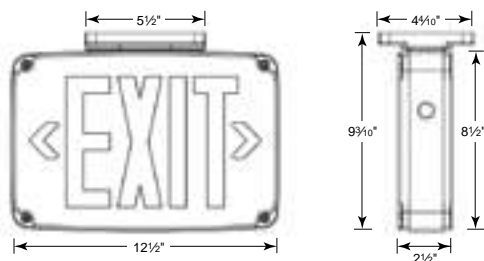
- Surface (surface top, back or end) mount only
- Includes mounting screws, hardware, and gaskets.

Ordering Information

Example: **NXWAB1RGY**

Series	Number of Faces	Letter Color	Finish	Battery	Options
NXWAB	1	R	GY	CB	SD
NXWAB Wet Location LED Exit Sign Battery Back-Up	1 - Single Face 2 - Double Face	R - Red G - Green	GY - Gray	CB - Cold Weather Battery (Standard)	SD - Self Diagnostics

Dimensions



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red or green LEDs

	Input Voltage	Max. Amps	Max. Watts
Red LED - STD	120	0.03	2.9
Red LED - STD	277	0.02	2.9
Green LED - STD	120	0.03	3.0
Green LED - STD	277	0.02	2.9
Red LED - SD	120	0.03	2.7
Red LED - SD	277	0.02	3.0
Green LED - SD	120	0.03	2.9
Green LED - SD	277	0.02	3.2

Battery NiCad battery warranted for five years with additional 5 years pro-rated warranty • Recharges in 24 hours or less

Battery Type	Battery Voltage	Shelf Life ¹	Expected Life ¹	Temp. Range ²
NiCad	4.8V, 0.7Ah	3 years	8-10 years	-4°F - 120°F

¹ At 77°F

² To obtain rated life and capacity.



Applications

Contemporary design, full adjustability, quick installation and premium options in a stylish and economical package.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Compact, low profile design in white and black finishes
- Universal mounting plate with quick-connect feature reduces installation labor
- Universal mounting pattern knockouts in backplate for junction box mounting
- Fully adjustable glare-free lighting heads with white LED lamps
- Dual voltage 120/277 VAC operation
- Maintenance-free NiCad battery
- Available with HO option for remote loads
- Each head delivers 50 lumens

Mounting

Suitable for wall or ceiling mounting • Mounting plate includes universal mounting pattern for simple mounting over junction box

Ordering Information — Standard Units

Catalog No.	Finish	Lamps
N1LWH	White	White LED
N1LBL	Black	White LED
N1LWHSD (Self-Diagnostic)	White	White LED
N1LBLSD (Self-Diagnostic)	Black	White LED

Ordering Information — High Output Units

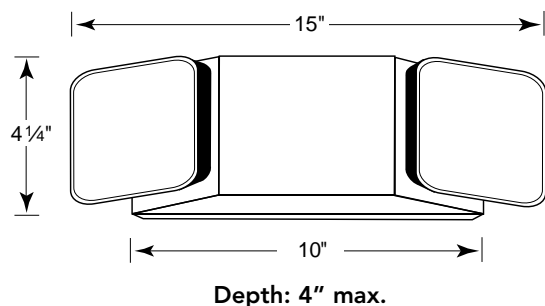
Catalog No.	Finish	Lamps	Max. Remote Capacity
N1LWHHO	White	White LED	2 Heads
N1LBLHO	Black	White LED	2 Heads
N1LWHHOSD (Self-Diagnostic)	White	White LED	2 Heads
N1LBLHOSD (Self-Diagnostic)	Black	White LED	2 Heads

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble
NWG1	Wire Guard - Small

For remote heads, refer to Remote Head section series NRL.
Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Supplied with white LED light heads

	Input Voltage	Max. Amps	Max. Watts
White LED	120	0.04	2.0
White LED	277	0.02	2.0

Battery Maintenance-free NiCad battery • Standard battery will operate fixture for a minimum of 90 minutes in the event of a power outage • High Output version will operate a fixture plus two remote heads for a minimum of 90 minutes • HO option compatible only with 3.6V LED remote heads, see remote heads section for available choices.

Battery Type	Battery Voltage	Temp. Range ¹
NiCad (Std.)	3.6V, 900mAh	32°F - 100°F
NiCad (HO)	3.6V, 1800mAh	32°F - 100°F

¹To obtain rated life and capacity



Applications

Contemporary design, full adjustability, quick installation and premium options in a stylish and economical package. High Lumen (HL) option offers the same features as the standard N1L units with increased illumination by mounting additional LEDs to each head.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Ordering Information — Standard Units

Catalog No.	Finish	Lamps
N1LWHL	White	White LED
N1LBLHL	Black	White LED
N1LWHLSD (Self-Diagnostic)	White	White LED
N1LBLHLS (Self-Diagnostic)	Black	White LED

Ordering Information — High Output Units

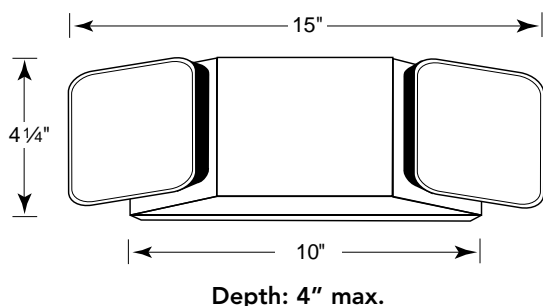
Catalog No.	Finish	Lamps	Max. Remote Capacity
N1LWHLHO	White	White LED	2 Heads
N1LBLHLHO	Black	White LED	2 Heads
N1LWHLHOSD (Self-Diagnostic)	White	White LED	2 Heads
N1LBLHLHOSD (Self-Diagnostic)	Black	White LED	2 Heads

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble
NWG1	Wire Guard - Small

For remote heads, refer to Remote Head section series NRL.
Accessories are ordered separately. To order, specify catalog number.

Dimensions



Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Compact, low profile design in white and black finishes
- Universal mounting plate with quick-connect feature reduces installation labor
- Universal mounting pattern knockouts in backplate for junction box mounting
- Fully adjustable glare-free lighting heads with white LED lamps
- Dual voltage 120/277 VAC operation
- Maintenance-free NiCad battery
- Available with HO option for remote loads
- Each head delivers 90 lumens

Mounting

Suitable for wall or ceiling mounting • Mounting plate includes universal mounting pattern for simple mounting over junction box

Electrical Data

Lamps Supplied with white LED light heads

	Input Voltage	Max. Amps	Max. Watts
Standard Unit	120	0.04	2.0
	277	0.02	2.0
HO Unit	120	0.03	2.1
	277	0.01	2.2

Battery Maintenance-free NiCad battery • Standard battery will operate fixture for a minimum of 90 minutes in the event of a power outage • High Output version will operate a fixture plus two remote heads for a minimum of 90 minutes • HO units are compatible only with 3.6V LED remote heads, see remote heads section for available choices.

Battery Type	Battery Voltage	Temp. Range ¹
NiCad (Std.)	3.6V, 900mAh	32°F - 100°F
NiCad (HO)	3.6V, 1800mAh	32°F - 100°F

¹To obtain rated life and capacity

Navilite® Emergency Lighting | N1 Series

Thermoplastic Emergency Light Adjustable Square Heads



Applications

Contemporary design, full adjustability, quick installation and premium options in a stylish and economical package.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Compact, low profile design in white and black finishes
- Universal mounting plate with quick-connect feature reduces installation labor
- Universal mounting pattern knockouts in backplate for junction box mounting
- Fully adjustable glare-free lighting heads
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery
- Available with HO option for remote loads
- Supplied with 6V, 5.4W incandescent wedge base lamps

Mounting

Suitable for wall or ceiling mounting • Mounting plate includes universal mounting pattern for simple mounting over junction box

Ordering Information — Standard Units

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts		
				1 1/2 hrs.	2 hrs.	4 hrs.
N1WH	White	6V	2 x 5.4W	11	-	-
N1BL	Black	6V	2 x 5.4W	11	-	-
N1WHSD (Self-Diagnostic)	White	6V	2 x 5.4W	11	-	-
N1BLSD (Self-Diagnostic)	Black	6V	2 x 5.4W	11	-	-

Ordering Information — High Output Units

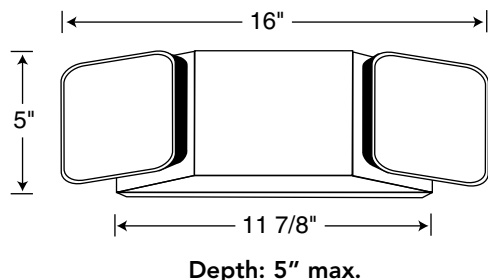
Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts		
				1 1/2 hrs.	2 hrs.	4 hrs.
N1WHHO	White	6V	2 x 5.4W	16.5	11	-
N1BLHO	Black	6V	2 x 5.4W	16.5	11	-
N1WHHOSD (Self-Diagnostic)	White	6V	2 x 5.4W	16.5	11	-
N1BLHOSD (Self-Diagnostic)	Black	6V	2 x 5.4W	16.5	11	-

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Supplied with 6V, 5.4W incandescent wedge base lamps

Input Voltage	Max. Amps	Max. Watts
120	0.04	3.4
277	0.02	4.2

Battery Maintenance-free 6V sealed lead calcium battery

- Standard battery will operate fixture for a minimum of 90 minutes in the event of a power outage
- High Output version will operate a total of 16.5 watts for a minimum of 90 minutes
- Lead calcium battery warranted for one full year
- HO option is compatible only with 6V incandescent remote heads, see remote heads section for available choices.

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium (Std.)	6V, 4.5Ah	40°F - 95°F
Lead Calcium (HO)	6V, 7Ah	40°F - 95°F

¹To obtain rated life and capacity

Navilite® Emergency Lighting | N4 Series

Thermoplastic Emergency Light Adjustable Round Heads



Applications

Contemporary design with fully adjustable, high performance optics make this unit ideal for commercial and retail applications where good ground level illumination is required.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant

Features

- Injection molded, high impact, UV stabilized thermoplastic construction
- Two round adjustable heads
- High performance reflector/lens assembly
- Universal mounting plate with quick connect feature
- Dual voltage 120/227 VAC operation
- Maintenance-free sealed lead calcium battery
- Available with HO option for remote loads
- White or Black finish

Mounting

Suitable for wall or ceiling mounting • Mounting plate includes universal mounting pattern for simple mounting over junction box • Conduit mounting ready

Ordering Information

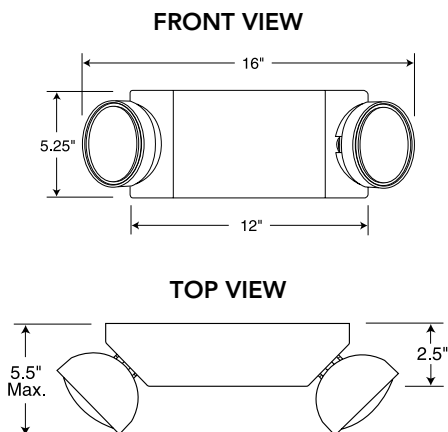
Catalog No.	Finish	Lamp Wattage	Remote Capacity
Standard Units N4WH N4BL	White Black	Two 6V 5W T5 Wedge Base	
Remote Capable Units N4WHHO N4BLHO	White Black	Two 6V 5.4W T5 Wedge Base	Up to 10.8W

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Supplied with 6V, 5W incandescent wedge base lamps (Standard unit) or 6V, 5.4W incandescent wedge base lamps (HO version).

	Input Voltage	Max. Amps	Max. Watts
Standard Unit	120 277	0.041 0.020	4.6 5.1
HO Version	120 277	0.077 0.032	8.5 8.2

Battery Maintenance-free 6V sealed lead calcium battery

- Battery will operate fixture for a minimum of 90 minutes in the event of a power outage
- High Output version will operate a total of 21.6 Watts for a minimum of 90 minutes
- HO fixtures are compatible only with 6V incandescent remote heads, see remote heads section for available choices.

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium	6V, 4.5Ah	40°F - 95°F

¹To obtain rated life and capacity



Applications

Contemporary design with fully adjustable, high performance optics make this unit ideal for commercial and retail applications where good ground level illumination is required.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant

Features

- Injection molded, high impact, UV stabilized thermoplastic construction
- Two round adjustable heads
- High performance reflector/lens assembly
- Universal mounting plate with quick connect feature
- Dual voltage 120/227 VAC operation
- Maintenance-free sealed lead calcium battery
- Choice of lamp wattage
- White or Black finish

Mounting

Suitable for wall or ceiling mounting • Mounting plate includes universal mounting pattern for simple mounting over junction box • Conduit mounting ready

Ordering Information

Catalog No.	Finish	Lamp Wattage	Remote Capacity
High Performance Units			
N4WHHO7	White	Two 6V 7.2W T5 Wedge Base	
N4BLHO7	Black		
N4WHHO9	White	Two 6V 9W T5 Wedge Base	
N4BLHO9	Black		
N4WHHO10	White	Two 6V 10W T5 Wedge Base	
N4BLHO10	Black		

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Electrical Data

Lamps Supplied with incandescent wedge base lamps.

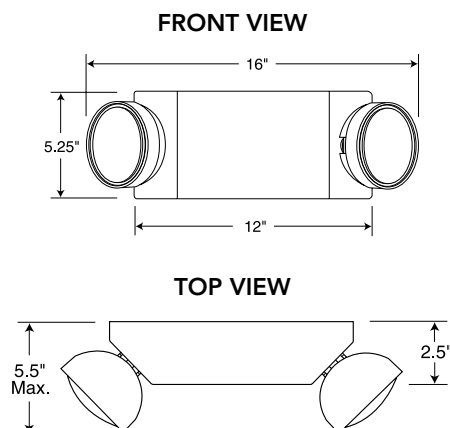
	Input Voltage	Max. Amps	Max. Watts
HO	120	0.077	8.5
Version	277	0.032	8.2

Battery Maintenance-free 6V sealed lead calcium battery
 • Battery will operate fixture for a minimum of 90 minutes in the event of a power outage

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium	6V, 7Ah	40°F - 95°F

¹To obtain rated life and capacity

Dimensions





Applications

Fully adjustable MR16 designer heads offer a fresh aesthetic in this elegantly designed, quick-install emergency light.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Compact, low profile design in white and black finishes
- Universal mounting plate with quick-connect feature reduces installation labor
- Universal mounting pattern knockouts in backplate for junction box mounting
- Fully adjustable lighting heads
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery
- Available with HO option for remote loads
- Supplied with 6V 5W MR16 halogen lamps

Mounting

Suitable for wall or ceiling mounting • Mounting plate includes universal mounting pattern for simple mounting over junction box

Ordering Information

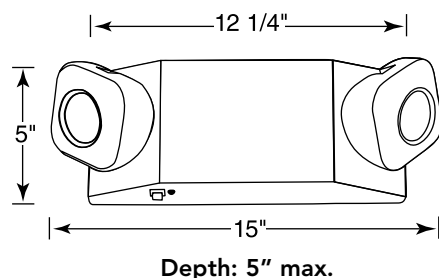
Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1 1/2 hrs. 2 hrs. 4 hrs.			Remote Capacity
N3WH	White	6V	2 x 5.4W	11	-	-	-
N3BL	Black	6V	2 x 5.4W	11	-	-	-
N3WHSD (Self-Diagnostic)	White	6V	2 x 5W	11	-	-	-
N3BLSD (Self-Diagnostic)	Black	6V	2 x 5W	11	-	-	-
N3WHHO	White	6V	2 x 5W	15	10	-	5W max.
N3BLHO	Black	6V	2 x 5W	15	10	-	5W max.

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Supplied with 6V, 5W halogen MR16 lamps

Input Voltage	Max. Amps	Max. Watts
120	0.04	3.8
277	0.02	4.2

Battery Maintenance-free 6V sealed lead calcium battery

- Battery will operate fixture for a minimum of 90 minutes in the event of a power outage
- High Output version will operate the two heads plus and additional 5W remote load for a minimum of 90 minutes
- Lead calcium battery warranted for one full year
- HO fixtures are compatible only with 6V incandescent remote heads, see remote heads section for available choices.

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium (Std.)	6V, 4.5Ah	40°F - 95°F
Lead Calcium (HO)	6V, 7Ah	40°F - 95°F

¹To obtain rated life and capacity

Navilite® Emergency Lighting | N3 High Wattage Series

Thermoplastic Emergency Light Adjustable MR16 Heads



Description

Navilite N3 Series Thermoplastic Adjustable Emergency Lights offer quick installation and premium options such as powerful adjustable MR 16 heads and remote capacity in an economical package. The unique design provides a fresh aesthetic compared to the traditional "bug eye" design.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, engineering grade, UV-retardant thermoplastic construction
- Impact, scratch and corrosion-resistant
- Universal mounting plate with quick-connect feature reduces installation labor
- Fully adjustable lighting heads
- Dual voltage 120/277VAC operation
- Maintenance-free 6V sealed lead calcium battery
- Offers 26W of remote load for a minimum of 90 minutes in the event of a power outage
- Supplied with 6V or 12V, 12W MR16 halogen lamps

Mounting

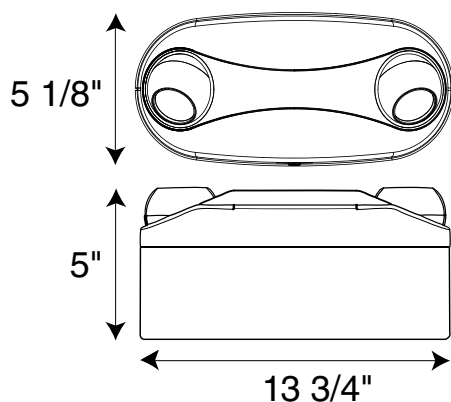
Suitable for wall mounting • Surface mount via easy connect back plate, which fits most standard junction boxes and snaps into place making internal electrical connections

- Conduit mount knockout on top of housing and backplate

Ordering Information

Catalog No.	Description	Finish	Output Voltage	Lamp Wattage	Rated Output Watts		
					1 1/2 hrs.	2 hrs.	4 hrs.
N3650WH12	MR16 Emergency Unit, 6V	White	6VDC	12W	50	36	24
N31250WH12	MR16 Emergency Unit, 12V	White	12VDC	12W	50	36	24

Dimensions



Ordering Information

Lamps Supplied with 6V or 12V, 12W MR16 halogen bi-pin lamps

	Input Voltage	Max. Amps	Max. Watts	Standby Watts
Standard Fixture	120	0.12	12.0	2.0
	277	0.05	12.0	2.1

Battery Maintenance-free 6V sealed lead calcium battery

- Standard battery will operate fixture plus 26W of remote load for a minimum of 90 minutes in the event of a power outage (total of 50W load maximum)
- Lead Calcium battery warranted for one full year with additional 4 years pro-rated warranty
- Recharges in 48 hours

Battery Type	Battery Voltage	Shelf Life ¹	Expected Life ¹	Temp. Range ²
Lead ACID (HO option)	2 x 6V, 10Ah	15 months	5 years	40°F - 95°F

¹ At 77°F

² To obtain rated life and capacity



Applications

Fully adjustable MR16 designer heads offer a fresh aesthetic in this elegantly designed, quick-install emergency light. For wet location, outdoor installations.

Code Compliance

- UL 924
- Wet Location
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- UL Listed for Wet Location

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Compact, low profile design in gray finish
- Universal mounting plate with quick-connect feature reduces installation labor
- Universal mounting pattern knockouts in backplate for junction box mounting
- Fully adjustable lighting heads
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery
- Supplied with 6V 5W MR16 halogen lamps

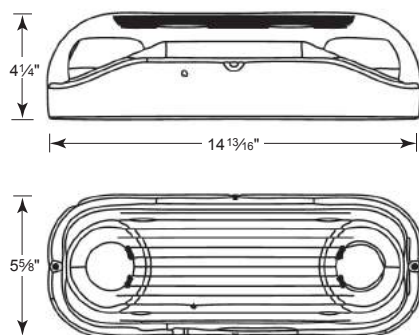
Mounting

Suitable for wall mounting

Ordering Information

Catalog No.	Description	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1 1/2 hrs. 2 hrs. 4 hrs.
N3WGY	Standard Unit	Gray	6V	2 x 7.2W	15 - -
N3WGYCB	Unit with Battery Warmer	Gray	6V	2 x 7.2W	15 - -

Dimensions



Electrical Data

Lamps Supplied with 6V, 5W halogen MR16 lamps

Standard Unit	Input Voltage	Max. Amps	Max. Watts
With Battery	120	0.04	3.8
Warmer	277	0.02	4.2

Battery Maintenance-free 6V sealed lead calcium battery

- Battery will operate fixture for a minimum of 90 minutes in the event of a power outage
- Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium (Std.)	6V, 4.5Ah	40°F - 95°F
Lead Calcium with Battery Warmer	6V, 4.5Ah	15°F - 104°F

¹To obtain rated life and capacity

Navilite® Emergency Lighting | N2 Series

Thermoplastic Emergency Light Fixed Optics



Applications

Ultra-compact, low profile, ADA compliant emergency light with fixed optics provides consistent, predictable aiming whether mounted on wall or ceiling.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Ultra-compact, low profile design in white and black finishes
- Universal mounting plate with quick-connect feature reduces installation labor
- Universal mounting pattern knockouts in backplate for junction box mounting
- Fixed optics prismatic lenses direct light along typical path of egress
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery
- Supplied with 6V 5.4W incandescent wedge base lamps

Mounting

Suitable for wall or ceiling mounting • Mounting plate includes universal mounting pattern for simple mounting over junction box

Ordering Information

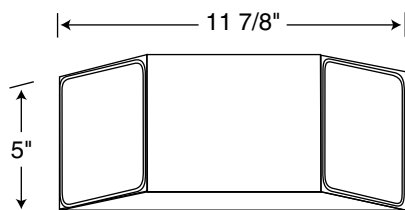
Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts		
				1 1/2 hrs.	2 hrs.	4 hrs.
N2WH	White	6V	2 x 5.4W	11	-	-
N2BL	Black	6V	2 x 5.4W	11	-	-

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Depth: 2 1/2" max.

Electrical Data

Lamps Supplied with 6V, 5.4W incandescent wedge base lamps

Input Voltage	Max. Amps	Max. Watts
120	0.04	3.9
277	0.02	4.2

Battery Maintenance-free 6V sealed lead calcium battery

- Battery will operate fixture for a minimum of 90 minutes in the event of a power outage
- Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium	6V, 4.5Ah	40°F - 95°F

¹To obtain rated life and capacity



Applications

Recessed fixture blends smoothly with the ceiling, providing emergency illumination with minimum disruption to the building's interior decor. Provides powerful illumination for corridors and doorsteps.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant

Features

- Fully adjustable thermoplastic gimbal assembly
- PAR36 size lens and reflector assembly optimized for Emergency Lighting
- 6V 8W Bi-Pin Halogen Lamp
- Integral test switch and AC ON LED
- Battery and electronics inside the housing
- 6" steel recessed housing with bar hangers

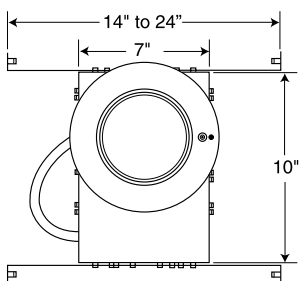
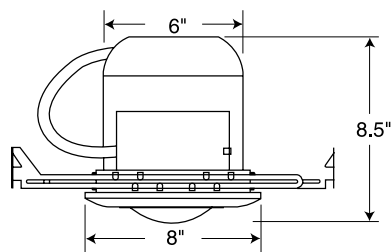
Mounting

Ceiling recessed mounting • Includes telescoping bar hangers for joist or T-bar ceiling applications • Housing is vertically adjustable to accommodate ceiling thickness

Ordering Information

Catalog No.	Finish	Input Voltage	Output Voltage	Lamp Wattage	Rated Output Watts
NRGWH	White	120/277V	6VDC	8W Bi-Pin Halogen	8W for 90 minutes

Dimensions



6.5" Ceiling Cutout

Electrical Data

Lamps Supplied with Bi-Pin Halogen 6V 8W lamp
• Custom PAR36 size reflector and lens offer optimum emergency lighting illumination

Input Voltage	Max. Amps	Max. Watts
120	0.03	2.8
277	0.016	3.5

Battery Maintenance-free 6V sealed lead calcium battery

- Battery will operate fixture for a minimum of 90 minutes in the event of a power outage
- Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium	6V, 4.2Ah	40°F - 95°F

¹To obtain rated life and capacity



Applications

Semi-Recessed Emergency Lighting Unit mounts flush with the ceiling for a concealed, unobtrusive look. Ideal for applications that require adjustability when wall mounting is not desired or not practical.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Heavy duty, die-formed steel faceplate
- Corrosion resistant polyester powder coat paint in white finish
- Recessed housing equipped with adjustable bar hangers for installation flexibility
- Faceplate attaches to housing via heavy duty torsion springs for snug fit to ceiling
- Injection molded, high impact, UV-stabilized thermoplastic lighting heads
- Fully adjustable glare-free lighting heads
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery
- Supplied with 6V, 5.4W incandescent wedge base lamps
- Suitable for wall or ceiling mounting

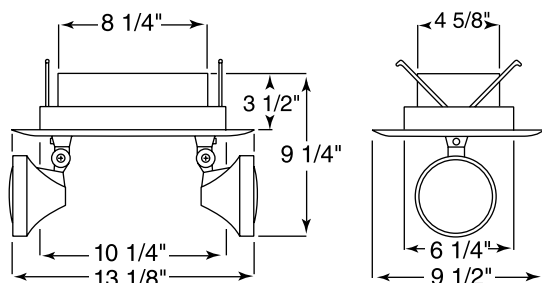
Mounting

Die-formed steel recessed housing supplied with adjustable bar hangers • Modular connector facilitates faceplate connection • Faceplate mounts via heavy duty torsion springs

Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts		
				1 1/2 hrs.	2 hrs.	4 hrs.
N7WH	White	6V	2 x 5.4W	11	-	-

Dimensions



Electrical Data

Lamps Supplied with 6V, 5.4W incandescent wedge base lamps

Input Voltage	Max. Amps	Max. Watts
120	0.12	13.6
277	0.06	17.1

Battery Maintenance-free 6V sealed lead calcium battery

- Standard battery will operate fixture for a minimum of 90 minutes in the event of a power outage
- Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium	6V, 4.5Ah	40°F - 95°F

¹To obtain rated life and capacity



Applications

Ideal for hotels, shopping malls, office buildings or anywhere indoor/outdoor design continuity is desired. All LED light source.

Code Compliance

- UL 924
- Wet location listed
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant

Features

- Die cast aluminum housing with polyester powder coat finish, choose white or dark bronze
- Snap-fit housing and mounting plate are held together by four stainless steel clips
- Silicone rubber seal with hollow center, shape adaptive design protects the electrical components from the weather
- Dual voltage 120/277 VAC 60Hz input, field selectable
- Supplied with an LED light source
- Maintenance-free, rechargeable 4.8V NiCad battery
- Cold weather battery with heater option is available
- Self diagnostic indicator automatically tests and reports potential maintenance issues
- Delivers 300 lumens

Mounting

Suitable for indoor or outdoor wall mounting on junction box, or with surface conduit using the supplied threaded top access • Mounting plate has molded universal mounting pattern for simple mounting over junction box.

Ordering Information

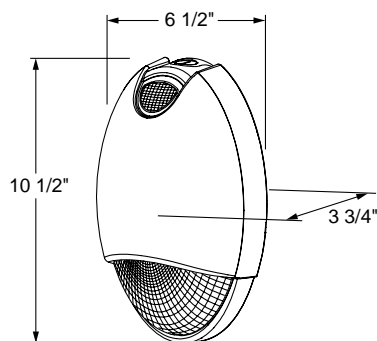
Catalog No.	Description	Finish	Input Voltage	Output Voltage
N5LWHSD	LED Architectural Emergency Light with Self-Diagnostics	White	120/277 VAC	4.8V
N5LBZSD	LED Architectural Emergency Light with Self-Diagnostics	Bronze	120/277 VAC	4.8V
N5LWHSDCB	LED Architectural Emergency Light with Self-Diagnostics and Cold Weather Battery	White	120/277 VAC	4.8V
N5LBZSDCB	LED Architectural Emergency Light with Self-Diagnostics and Cold Weather Battery	Bronze	120/277 VAC	4.8V

Replacement Parts

Catalog No.	Description
RP-NL48V2ANC	4.8V, 2.8Ah Replacement Battery
RP-NL48V2ANCHS	4.8V, 2.8Ah Battery + Heater

To order, specify catalog number.

Dimensions



Electrical Data

	Input Voltage	Max. Amps	Max. Watts
Standard Unit	120 277	0.05 0.02	4.80 4.80
SDCB Option	120 277	0.39 0.15	46.00 (heater ON) 41.00 (heater ON)

Battery Maintenance-free 6V NiCad battery will operate fixture for a minimum of 90 minutes in the event of a power outage • Optional cold weather battery with heater is available for temperatures as low as -4°F (SDCB option).

Battery Type	Battery Voltage	Shelf Life ¹	Expected Life ¹	Temperature Range
NiCad	4.8V	10 yr.	5-8 yr.	32°F - 122°F (0°C - 50°C)
NiCad with Heater	4.8V	10yr.	5-8 yr.	-4°F - 122°F (-20°C - 50°C)

¹At 77°F



Applications

Ideal for hotels, shopping malls, office buildings or anywhere indoor/outdoor design continuity is desired.

Code Compliance

- UL 924
- Wet location listed
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant

Features

- Die cast aluminum housing with polyester powder coat finish, choose white or bronze
- Snap-fit housing and mounting plate are held together by four stainless steel clips
- Silicone rubber seal with hollow center, shape adaptive design protects the electrical components from the weather
- Dual voltage 120/277 VAC 60Hz input, field selectable
- Supplied with 6V, 6W high lumen output Xenon lamps with G4 base
- Maintenance-free, rechargeable 6V NiCad battery
- Cold weather battery with heater option is available (SDCB units only)
- Self diagnostic indicator automatically tests and reports potential maintenance issues (SDCB units only)

Mounting

Suitable for indoor or outdoor wall mounting on junction box, or with surface conduit using the supplied threaded top access • Mounting plate has molded universal mounting pattern for simple mounting over junction box

Ordering Information

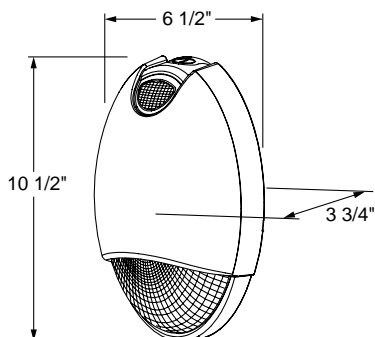
Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1 1/2 hrs.
Standard Units				
N5WH	White	6V	2 x 6W Xenon	12
N5BZ	Bronze	6V	2 x 6W Xenon	12
Units with Self Diagnostics and Cold Weather Batteries				
N5WHSDCB	White	6V	2 x 6W Xenon	12
N5BZSDCB	Bronze	6V	2 x 6W Xenon	12

Replacement Parts

Catalog No.	Description
RP-NL6V6XEN	6V, 6W Xenon Lamp G4 Lamp
RP-NL6V5ANC	6V, 5AH Replacement Battery
RP-NL6V5ANCHS	6V, 5AH Battery + Heater

To order, specify catalog number.

Dimensions



Electrical Data

Lamps Supplied with 6V, 6W high lumen output Xenon lamps with G4 base

	Input Voltage	Max. Amps	Max. Watts
Standard Unit	120 277	0.29 0.27	3.25 3.00
SDCB Option	120 277	0.50 0.58	50.00 (heater ON) 122.00 (heater ON)

Battery Maintenance-free 6V NiCad battery will operate fixture for a minimum of 90 minutes in the event of a power outage • Optional cold weather battery with heater is available for temperatures between -4°F - 120°F (SDCB option).

Battery Type	Battery Voltage	Temp. Range ¹
NiCad (Std.)	6V, 5Ah	32°F - 100°F
NiCad (with Heater)	6V, 5Ah	-4°F - 120°F

¹To obtain rated life and capacity





Applications

NaviLite N8L Series Wet Location Emergency Lights feature construction that is ideal for wet locations, while also being resistant to corrosive atmospheres, non-hazardous dust environments, frequent hose-downs, water spray or splashing water. It Includes two white LED lighting heads for long life, reliable operation.

Code Compliance

- UL924
- Wet Location
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant.

Ordering Information — Standard Units

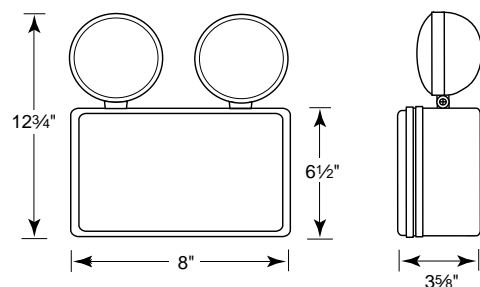
Catalog No.	Finish	Lamp	Remote Capacity
N8LGY	Gray	High Output LED	3W

Accessories

Catalog No.	Description
NVS2	Polycarbonate Vandal Shield - Medium Bubble

NVS2 must be oriented vertically to accommodate N8 dimensions. Accessories are ordered separately. To order, specify catalog number.

Dimensions



Features

- Corrosion and impact-resistant polycarbonate housing in industrial gray finish
- Sealed and gasketed housing with hinged cover
- Sealed test switch and power indicator light
- Integral breather vent
- External mounting brackets for simplified wall mounting
- Sealed and gasketed weatherproof lighting heads with tempered glass lenses
- Listed for wet location applications
- Dual voltage 120/277VAC
- Maintenance-free NiCad battery
- Supplied with white LED lamps
- Listed for Wet Location applications
- Delivers 90 lumens per head

Mounting

External mounting brackets for simplified wall mounting

Electrical Data

Lamps Supplied with high brightness LED heads

Input Voltage	Max. Amps	Max. Watts
120	0.03	3.1
277	0.02	3.5

Battery NiCad battery warranted for 5 full years with additional 5 years pro-rated warranty • Recharges in 24 hours or less

Battery Type	Battery Voltage	Shelf Life ¹	Expected Life ¹	Temp. Range ²
NiCad	9.6V, 900mAh	3 years	8-10 years	-32°F - 100°F

¹ At 77°F

² To obtain rated life and capacity.



Applications

Wet Location units feature construction which is ideal for outdoors, while also being resistant to corrosive atmospheres, non-hazardous dust environments, frequent water spray or splashing water.

Code Compliance

- UL 924
- Wet Location
- Suitable for use in 0°C - 40°C (32°F - 104°F) temperature range
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Corrosion and impact resistant polycarbonate housing in industrial gray finish
- Sealed and gasketed housing with hinged cover
- Sealed test switch and power indicator light
- Integral breather vent
- External mounting brackets for simplified wall mounting
- Sealed and gasketed weatherproof lighting heads with tempered glass lenses
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery
- Supplied with 6V, 7.2W incandescent wedge base lamps
- For wet location applications (0°C - 40°C)
- Delivers 90 lumens per head

Mounting

Integral mounting brackets for simplified wall mounting

Ordering Information — Standard Units

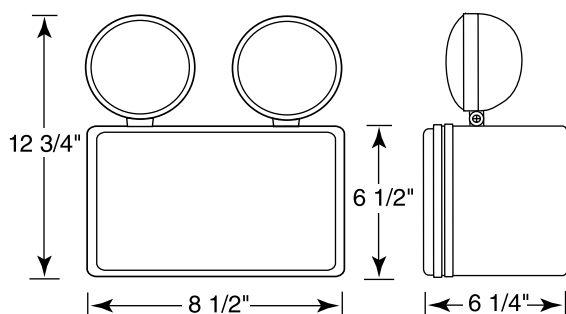
Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts				Max Remote Capacity (90 Min)
				1 1/2 hrs.	2 hrs.	3 hrs.	4 hrs.	
N8GY	Gray	6V	2 x 7.2W	18	22	15	-	15W

Accessories

Catalog No.	Description
NVS2	Polycarbonate Vandal Shield - Medium Bubble

NVS2 must be oriented vertically to accommodate N8 dimensions. Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Supplied with 6V, 7.2W incandescent wedge base lamps

Input Voltage	Max. Amps	Max. Watts
120	0.10	9
277	0.10	10

Battery Maintenance-free 6V sealed lead calcium battery

- Standard battery will operate fixture for a minimum of 90 minutes in the event of a power outage
- Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium	6V, 10Ah	40°F - 95°F

¹To obtain rated life and capacity

Battery Type	Battery Voltage	Shelf Life ¹	Expected Life ¹	Temperature Range ²
NiCad Calcium	6V, 10Ah	15 months	5-8 yr.	32°F - 122°F (0°C - 50°C)

¹At 77°F, ²To obtain rated life and capacity



Applications

High Wattage Emergency Lights are designed with larger batteries to deliver the remote capacity or longer emergency operation required in common commercial and industrial applications. 6V units are ideal for shorter runs while 12V units enable longer runs with reduced voltage drop (see N6 Series for 6V units).

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Rugged, heavy duty design in white (neutral) finish
- Multiple conduit knockouts on top and sides for installation flexibility
- Keyhole slots for simplified wall mounting
- Fully adjustable, glare-free lighting heads with tempered glass lenses (incandescent wedge base lamps)
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery connected in series configuration
- Supplied with 12V, 9W incandescent wedge base lamps

Mounting

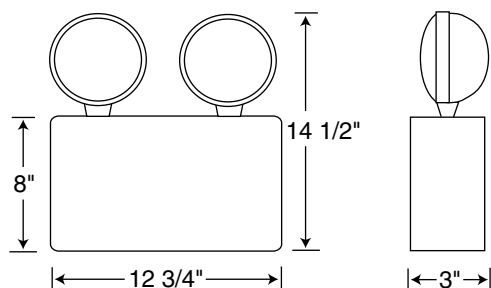
Keyhole slots provided for simplified wall mounting

Ordering Information — Standard Units

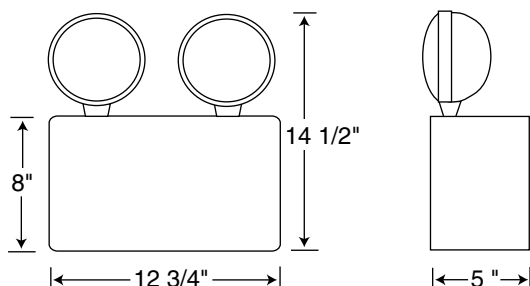
Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1 1/2 hrs. 2 hrs. 4 hrs. 8 hrs.				Remote Capacity
N1250WH	Neutral White	12V	2 x 9W	50	37	18	-	32W max.
N12100WH	Neutral White	12V	2 x 9W	100	75	37	18	82W max.

Dimensions

N1250



N12100



Electrical Data

Lamps Supplied with 12V, 9W incandescent wedge base lamps. Additional remote heads can be ordered separately

	Input Voltage	Max. Amps	Max. Watts
N1250WH	120	0.15	17.0
	277	0.07	18.3
N12100WH	120	0.28	31.1
	277	0.12	31.8

Battery Maintenance-free 6V sealed lead calcium batteries connected in series to deliver 12V output • 50W version uses two batteries • 100W version uses four batteries • 50W and 100W versions will operate rated load for a minimum of 90 minutes in the event of a power outage • For longer emergency operating times up to 8 hours, connected load can be configured based on rated output watts • Lead calcium battery warranted for one full year • All remote heads connected to this unit must be 12V DC • Compatible only with 12V incandescent remote heads, see remote heads section for available choices.

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium	6V, 10Ah	40°F - 95°F

¹To obtain rated life and capacity

Navilite® Emergency Lighting | N6 Series

High Wattage Emergency Light 6 Volt Emergency Operation



Applications

High Wattage Emergency Lights are designed with larger batteries to deliver the remote capacity or longer emergency operation required in common commercial and industrial applications. 6V units are ideal for shorter runs while 12V units enable longer runs with reduced voltage drop (see N12 Series for 12V units).

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Rugged, heavy duty design in white (neutral) finish
- Multiple conduit knockouts on top and sides for installation flexibility
- Keyhole slots for simplified wall mounting
- Fully adjustable, glare-free lighting heads with tempered glass lenses (incandescent wedge base lamps)
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery connected in parallel configuration
- Supplied with 6V, 7.2W incandescent wedge base lamps

Mounting

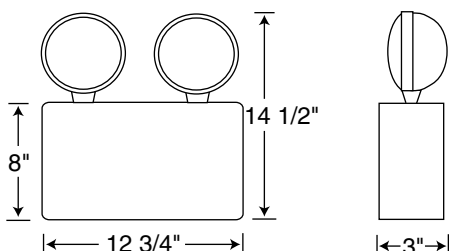
Keyhole slots provided for simplified wall mounting

Ordering Information — Standard Units

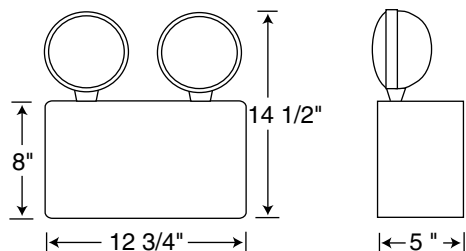
Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts				Remote Capacity
				1 1/2 hrs.	2 hrs.	4 hrs.	8 hrs.	
N650WH	Neutral White	6V	2 x 7.2W	50	37	18	-	35.6W max.
N6100WH	Neutral White	6V	2 x 7.2W	100	75	37	18	85.6W max.

Dimensions

N650



N6100



Electrical Data

Lamps Supplied with 6V, 7.2W incandescent wedge base lamps. Additional remote heads can be ordered separately

	Input Voltage	Max. Amps	Max. Watts
N650WH	120	0.14	15.6
	277	0.06	15.9
N6100WH	120	0.20	23.0
	277	0.09	23.1

Battery Maintenance-free 6V sealed lead calcium battery

- 50W version uses two batteries • 100W version uses four batteries
- 50W and 100W versions will operate rated load for a minimum of 90 minutes in the event of a power outage
- For longer emergency operating times up to 8 hours, connected load can be configured based on rated output watts
- Lead calcium battery warranted for one full year
- All remote heads connected to this unit must be 6V DC
- Compatible only with 6V incandescent remote heads, see remote heads section for available choices.

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium	6V, 10Ah	40°F - 95°F

¹To obtain rated life and capacity

Emergency Lighting | NRL Series

LED Remote Heads NRLSQ & NRLCSQ Series



Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Fully adjustable, glare free
- White LED light source
- For use with N1L Series emergency units with HO option
- 3.6V operation

Ordering Information

Example: **NRLSQ2WHHL**

Series	Style	Number of Heads	Finish	Options
NRL	SQ	2	WH	HL
NRL Series	SQ - Square For use with N1L Series units	1 - One 2 - Two	WH - White	No Suffix - Without options HL - High lumen delivers 50% more light SD - For use with units with self diagnostics

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble

Accessories are ordered separately. To order, specify catalog number.

Electrical Data

Lamps Supplied with white LEDs

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.



Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Fully adjustable, glare free
- White LED light source
- For use with NXPCL Series combos with HO option
- 9.6V operation

Ordering Information

Example: **NRLCSQ2WHSD**

Series	Style	Number of Heads	Finish	Options
NRLC	SQ	2	WH	SD
NRLC Series	SQ - Square For use with NXPCL combos	1 - One 2 - Two	WH - White	No Suffix - Without options HL - High lumen delivers 50% more light SD - For use with combos with self diagnostics

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble

Accessories are ordered separately. To order, specify catalog number.

Electrical Data

Lamps Supplied with white LEDs

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.

Emergency Lighting | NRL Series

LED Remote Heads NRLWP & NRLCWP Series



Features

- Fully adjustable, glare free
- Tempered glass lens
- Gasketed for wet location applications
- For use with N1L Series emergency units
- 3.6V operation

Ordering Information

Example: NRLWP2GYSD

Series	Style	Number of Heads	Finish	Options
NRL	WP	2	GY	SD
NRL Series	WP - Weatherproof	1 - One 2 - Two	GY - Gray	No Suffix - Without options HL - High lumen delivers 50% more light SD - For use with units with self diagnostics

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble

Accessories are ordered separately. To order, specify catalog number.

Electrical Data

Lamps Supplied with white LEDs

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.



Features

- Fully adjustable, glare free
- Tempered glass lens
- Gasketed for wet location applications
- For use with NXPCL Series combos
- 9.6V operation

Ordering Information

Example: NRLCWP2GYSD

Series	Style	Number of Heads	Finish	Options
NRLC	WP	2	GY	SD
NRLC Series	WP - Weatherproof	1 - One 2 - Two	GY - Gray	No Suffix - Without options HL - High lumen delivers 50% more light SD - For use with combos with self diagnostics

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble

Accessories are ordered separately. To order, specify catalog number.

Electrical Data

Lamps Supplied with white LEDs

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.



Features

- Available in a variety of voltages and wattages
- Injection molded, high impact, UV-stabilized thermoplastic construction
- Fully adjustable, glare free

Ordering Information

Example: **NRSQ2WH12V12**

Series	Style	Number of Heads	Finish	Lamp Type
NR	SQ	2	WH	12V12
NR Series	SQ - Square	1 - One 2 - Two	WH - White BL - Black	6V5 - 6V, 5.4W 6V7 - 6V, 7.2W 6V9 - 6V, 9W 12V7 - 12V, 7.2W 12V9 - 12V, 9W 12V12 - 12V, 12W

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble

Accessories are ordered separately. To order, specify catalog number.

Electrical Data

Lamps Supplied with incandescent wedge base lamps

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.



Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Fully adjustable, glare free
- Designer MR16 heads

Ordering Information

Example: **NRMR2BL6V5**

Series	Style	Number of Heads	Finish	Lamp Type
NR	MR	2	BL	6V5
NR Series	MR - Designer MR16	1 - One 2 - Two	WH - White BL - Black	6V5 - 6V, 5W

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble

Accessories are ordered separately. To order, specify catalog number.

Electrical Data

Lamps Supplied with 6V, 5W halogen MR16 bi-pin lamps

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.



Features

- Available in a variety of voltages and wattages
- Injection molded, high impact, UV-stabilized thermoplastic construction
- Fully adjustable, glare free

Ordering Information

Example: **NRRD2WH12V12**

Series	Style	Number of Heads	Finish	Lamp Type
NR	RD	2	WH	12V12
NR Series	RD - Round	1 - One 2 - Two	WH - Neutral White BL - Black	6V5 - 6V, 5.4W 6V7 - 6V, 7.2W 6V9 - 6V, 9W 12V7 - 12V, 7.2W 12V9 - 12V, 9W 12V12 - 12V, 12W

Electrical Data

Lamps Supplied with incandescent wedge base lamps

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.



Features

- Tempered glass lens
- Sealed and gasketed for wet location applications

Ordering Information

Example: **NRWP1GY6V7**

Series	Style	Number of Heads	Finish	Lamp Type
NR	WP	1	GY	6V7
NR Series	WP - Weatherproof	1 - One 2 - Two	GY - Gray	6V5 - 6V, 5.4W 6V7 - 6V, 7.2W

Electrical Data

Lamps Supplied with incandescent wedge base lamps

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.



Applications

The NaviLite Fluorescent Emergency Ballast allows the same fixture to be used for both normal and emergency operation. In the event of a power failure, the emergency ballast switches to the emergency mode and operates one or two of the existing lamps for a minimum of 90 minutes. Each emergency ballast contains a battery, charger and inverter circuit in a single package. The emergency ballast can be mounted in the fixture wireway or on top of the fixture, and is UL Listed for factory installation or retrofit applications.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Heavy duty steel case
- Dual voltage 120/277 VAC operation
- Includes push button test switch and AC power indicator
- Maintenance-free, high temperature sealed nickel cadmium battery
- Wide operating temperature range (65°F - 120°F)
- Ballast can be mounted in fixture wireway or on top of fixture or remote mounted (consult specification sheet for remote mounting details)
- Listed for factory or field (retrofit) installation
- May be installed in switched or unswitched fixtures
- Requires unswitched AC power source for proper operation
- When operating two lamps in emergency mode, rated lumen output is divided evenly between the lamps
- See Ordering Information for supported lamp types
- Models NEB650C and NEB3000 include flexible metal conduit for suspended ceiling applications

Mounting

Ballast can be mounted in fixture wireway or on top of fixture or remote mounted • May be installed in switched or unswitched fixtures • For remote mounting, the emergency ballast must be located no further than half the distance recommended by the fixture's AC ballast manufacturer or 50 feet, whichever is less • Consult factory for remote mounting questions prior to installation

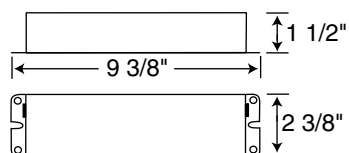
Ordering Information/Lamp Compatibility Chart

Catalog No. Lumens			NEB500 500	NEB650C 650	NEB700 700	NEB1400 1400	NEB3000 3000
Linear Lamps			Number of Lamps supported				
1", 1 1/4", 1 1/2" diameter (T8, T10, T12) Rapid, Instant, or Energy Savings	Single or Bi-pin	17-40W (2'-4')	1		1	1 or 2	1 or 2
		40-110W (5'-8')			1	1	1
		110-215W					1
20W - 40W Circline			1		1 or 2	1 or 2	1 or 2
Compact Lamps			Number of Lamps supported				
Compact	4-Pin	13W, 18W, 26W	1	1	1	1	1
	4-Pin	13W-42W Twin, Quad, or Triple	1	1	1	1 or 2	1 or 2
	Biax	40W			1	1	1 or 2
		40W-55W			1	1	1

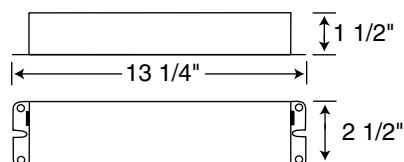
Note: For suspended ceiling applications where conduit is required for wiring, use models NEB650C or NEB3000 which come with flexible metal conduit included.

Dimensions

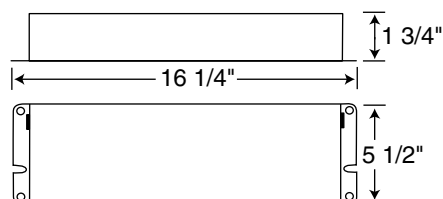
NEB650C, NEB500, NEB700



NEB1400



NEB3000



Electrical Data

Electrical Dual voltage 120/277 VAC • Solid state charging and switching • Brownout protection • Battery low voltage disconnect • Overload and short circuit protection

- Includes AC power indicator and test switch
- Requires unswitched AC power source for proper operation
- When operating two lamps in emergency mode, rated lumen output is divided evenly between the lamps
- See Ordering Information for supported lamp types

Catalog No.	Input Voltage	Max. Amps	Max. Watts
NEB500	120	.26	2.4
NEB500	277	.25	2.8
NEB650C	120	.27	2.5
NEB650C	277	.25	2.5
NEB700	120	.27	2.5
NEB700	277	.25	2.4
NEB1400	120	.27	3.2
NEB1400	277	.25	3.1
NEB3000	120	.26	5.3
NEB3000	277	.25	5.4

Battery Long-life, maintenance-free, high performance nickel cadmium • 65°F - 120°F operating range

- Emergency ballast will operate lamps for a minimum of 90 minutes in the event of a power outage
- NEB3000 battery is field replaceable
- Self-contained ballast assembly is warranted for five full years

Battery Type	Temp. Range ¹
NiCad	65°F - 120°F

¹To obtain rated life and capacity



NEB650C



NEB500



NEB700



NEB1400



NEB3000

Chicago Exit & Emergency | NCREXL & NCRESL Series Chicago Code Recessed Mount Edge-Lit LED Exit or Stairs Sign AC Only



Applications

Ideal for high end commercial applications where Chicago Building Code compliance is a requirement. Designed to meet the stringent standards of the Chicago Building Code, with a crystal clear acrylic face plate with translucent white background. The directional indicators are full size arrows as required by Chicago Building Code.

Code Compliance

- UL924
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code
- CCEA (Chicago Plenum)

Features

- Steel recessed housing with white finish
- Architectural aluminum trim in white finish
- Clear acrylic faceplate
- Red letters on a translucent white background
- Full directional arrows as required by Chicago Building Code
- Dual 120 or 277 VAC input
- Consumes less than 5W
- Meets Chicago Plenum requirements

Mounting

Mounts recessed from below in drywall or suspended ceilings • All signs include mounting clips to keep the recessed housing in place

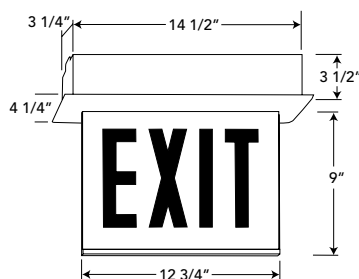
- Trim attaches to the housing with 2 screws for permanent installation that does not sag

Ordering Information

Example: NCREXLU1WHNA

Series	Voltage	Number of Faces	Finish	Arrow Configuration
NCREXL	U	1	WH	NA
NCREXL Recessed EXIT NCRESL Recessed STAIRS	U - 120/277 VAC	1 - Single Face 2 - Double Face	WH - White	NA - No Arrow AR - Arrow Right → AL - Arrow Left ← DA - Double Arrow ↔

Dimensions



Electrical Data

Lamps Long life white LEDs illuminate the translucent background and red letters

	Input Voltage	Max. Amps	Max. Watts
White LED	120	0.04	4.5
White LED	277	0.02	4.8

Chicago Exit & Emergency | NCREXLB & NCRESLB Series Chicago Code Recessed Mount Edge-Lit LED Exit or Stairs Sign Battery Backup



Applications

Ideal for high end commercial applications where Chicago Building Code compliance is a requirement. Designed to meet the stringent standards of the Chicago Building Code, with a crystal clear acrylic face plate with translucent white background. The directional indicators are full size arrows as required by Chicago Building Code.

Code Compliance

- UL924
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code
- CCEA (Chicago Plenum)

Features

- Steel recessed housing with white finish
- Architectural aluminum trim in white finish
- Clear acrylic faceplate
- Red letters on a translucent white background
- Full directional arrows as required by Chicago Building Code
- Dual 120 or 277 VAC input
- NiCad battery
- Consumes less than 5W
- Meets Chicago Plenum requirements

Mounting

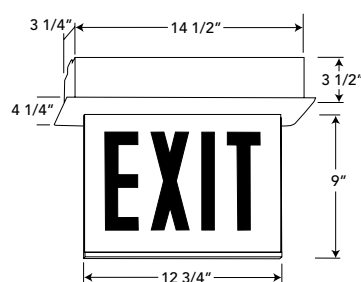
Mounts recessed from below in drywall or suspended ceilings • All signs include mounting clips to keep the recessed housing in place • Trim attaches to the housing with 2 screws for permanent installation that does not sag

Ordering Information

Example: **NCREXLB U1 WHNA**

Series	Voltage	Number of Faces	Finish	Arrow Configuration
NCREXLB	U	1	WH	NA
NCREXLB Recessed EXIT NCRESLB Recessed STAIRS	U - 120/277 VAC	1 - Single Face 2 - Double Face	WH - White	NA - No Arrow AR - Arrow Right → AL - Arrow Left ← DA - Double Arrow ↔

Dimensions



Electrical Data

Lamps Long life white LEDs illuminate the translucent background and red letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
White LED	120	0.045	4.8	3.9
White LED	277	0.022	5.5	4.6

*Fully charged battery

Battery Sealed maintenance-free nickel cadmium

- Battery will operate sign for a minimum of 90 minutes in the event of a power outage
- Battery warranted for five full years

Battery Type	Temp. Range ¹
NiCad	32°F - 100°F

¹To obtain rated life and capacity

Chicago Exit & Emergency | NCEXL & NCESL Series Chicago Code Surface Mount Edge-Lit LED Exit or Stairs Sign AC Only



Applications

Ideal for high end commercial applications where Chicago Building Code compliance is a requirement. Designed to meet the stringent standards of the Chicago Building Code, with a crystal clear acrylic face plate with translucent white background. The directional indicators are full size arrows as required by Chicago Building Code.

Code Compliance

- UL924
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code

Features

- Extruded aluminum housing with powder coated white finish
- Canopy supplied for top, back or end mounting
- Clear acrylic faceplate
- Red letters on a translucent white background
- Full directional arrows as required by Chicago Building Code
- Dual 120 or 277 VAC input
- Consumes less than 5W

Mounting

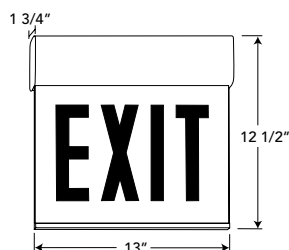
May be top, end, or back mounted • All signs include canopy and mounting hardware for easy top or end mount installation

Ordering Information

Example: NCEXLU1WHNA

Series	Voltage	Number of Faces	Finish	Arrow Configuration
NCEXL	U	1	WH	NA
NCEXL Surface EXIT NCESL Surface STAIRS	U - 120/277 VAC	1 - Single Face 2 - Double Face	WH - White	NA - No Arrow AR - Arrow Right → AL - Arrow Left ← DA - Double Arrow ↔

Dimensions



Electrical Data

Lamps Long life white LEDs illuminate the translucent background and red letters

	Input Voltage	Max. Amps	Max. Watts
White LED	120	0.04	4.5
White LED	277	0.02	4.8

Chicago Exit & Emergency | NCEXLB & NCESLB Series Chicago Code Surface Mount Edge-Lit LED Exit or Stairs Sign Battery Backup



Applications

Ideal for high end commercial applications where Chicago Building Code compliance is a requirement. Designed to meet the stringent standards of the Chicago Building Code, with a crystal clear acrylic face plate with translucent white background. The directional indicators are full size arrows as required by Chicago Building Code.

Code Compliance

- UL924
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code

Features

- Extruded aluminum housing with powder coated white finish
- Canopy supplied for top, back or end mounting
- Clear acrylic faceplate
- Red letters on a translucent white background
- Full directional arrows as required by Chicago Building Code
- Dual 120 or 277 VAC input
- NiCad battery
- Consumes less than 5W

Mounting

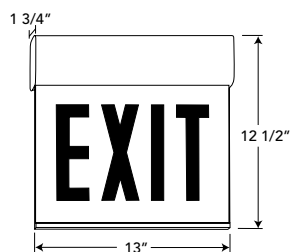
May be top, end, or back mounted • All signs include canopy and mounting hardware for easy top or end mount installation

Ordering Information

Example: NCEXLB U1WHNA

Series	Voltage	Number of Faces	Finish	Arrow Configuration
NCEXLB	U	1	WH	NA
NCEXLB Surface EXIT NCESLB Surface STAIRS	U - 120/277 VAC	1 - Single Face 2 - Double Face	WH - White	NA - No Arrow AR - Arrow Right → AL - Arrow Left ← DA - Double Arrow ↔

Dimensions



Electrical Data

Lamps Long life white LEDs illuminate the translucent background and red letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
White LED	120	0.045	4.8	3.9
White LED	277	0.022	5.5	4.6

*Fully charged battery

Battery Sealed maintenance-free nickel cadmium

- Battery will operate sign for a minimum of 90 minutes in the event of a power outage
- Battery warranted for five full years

Battery Type	Temp. Range ¹
NiCad	32°F - 100°F

¹To obtain rated life and capacity



Applications

Ideal for applications where Chicago Code compliance is required. Offers durability, reliability and unsurpassed quality. Designed to meet the stringent standards of the Chicago Building Code. Constructed of rugged 20-gauge steel. These exit signs offer installation flexibility with features like simple screw on canopy and knockouts for top, side, or back mounting.

Code Compliance

- UL Listed
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code

Features

- Rugged, heavy duty 20-gauge steel construction
- Universal mounting pattern knockouts in back plate for back mounting
- Open-face tempered glass panel
- Silk screen 6" letters with 3/4" stroke width
- Full arrow directional indicators
- Red letters
- Corrosion resistant powder-coat paint
- Standard white finish
- Dual 120 or 277 VAC input

Mounting

May be top, end, or back mounted • All signs include canopy and hardware for easy top or end mount installation

- Back plate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: NCXLU1WHNA

Series	Voltage	Number of Faces	Finish	Arrow Configuration
NCXL	U	1	WH	NA
NCXL Steel EXIT NCSL Steel STAIRS	U - 120/277 VAC	1 - Single Face 2 - Double Face	WH - White	NA - No Arrow AR - Arrow Right → AL - Arrow Left ← DA - Double Arrow ↔

Accessories

Catalog No.	Description
T91-12-WH	Pendant kit 12" for rigid ceiling
T90-12-WH	Pendant kit 12" for T-bar

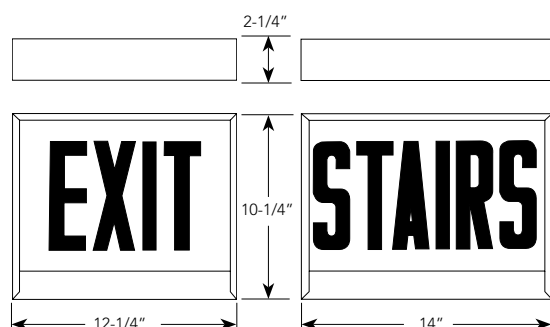
Accessories are ordered separately. To order, specify catalog number.

Electrical Data

Lamps High brightness white LED light source

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.09	4.5
Red LED	277	0.05	4.7

Dimensions



Chicago Exit & Emergency | NCSLB & NCXLB Series Chicago Code LED Steel Exit or Stairs Signs

Battery Backup



Applications

Ideal for applications where Chicago Code compliance is required. Offers durability, reliability and unsurpassed quality. Designed to meet the stringent standards of the Chicago Building Code. Constructed of rugged 20-gauge steel. These exit signs offer installation flexibility with features like simple screw on canopy and knockouts for top, side, or back mounting.

Code Compliance

- UL Listed
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code

Features

- Rugged, heavy duty 20-gauge steel construction
- Universal mounting pattern knockouts in back plate for back mounting
- Open-face tempered glass panel
- Silk screen 6" letters with 3/4" stroke width
- Full arrow directional indicators
- Red letters
- Corrosion resistant powder-coat paint
- Standard white finish
- Dual 120 or 277 VAC input
- Maintenance-free sealed NiCad battery
- Battery will operate sign for a minimum of 90 minutes in the event of a power outage

Mounting

May be top, end, or back mounted • All signs include canopy and hardware for easy top or end mount installation
• Back plate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: NCXLBU1WHNA

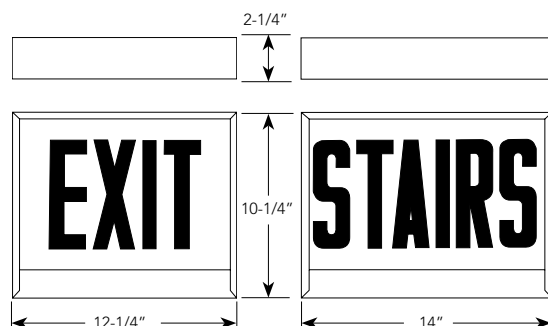
Series	Voltage	Number of Faces	Finish	Arrow Configuration
NCXLB	U	1	WH	NA
NCXLB Steel EXIT NCSLB Steel STAIRS	U - 120/277 VAC	1 - Single Face 2 - Double Face	WH - White	NA - No Arrow AR - Arrow Right → AL - Arrow Left ← DA - Double Arrow ↔

Accessories

Catalog No.	Description
T91-12-WH	Pendant kit 12" for rigid ceiling
T90-12-WH	Pendant kit 12" for T-bar

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps High brightness white LED light source

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.13	7.5	2.5
Red LED	277	0.07	7.5	2.5

*Fully charged battery

Battery Sealed maintenance-free nickel cadmium

- Battery will operate sign for a minimum of 90 minutes in the event of a power outage
- Battery warranted for five full years with an additional five years pro-rated warranty

Battery Type	Temp. Range ¹
NiCad	60°F - 80°F

¹To obtain rated life and capacity



Applications

Ideal for commercial applications where ease of installation, reliability and Chicago Code compliance are required. Offers contemporary aesthetics, quick installation, and premium features like steel lamp heads and standard 12W halogen lamps. Designed to meet the stringent standards of the Chicago Building Code. Constructed of rugged 20-gauge steel with a durable powder-coat finish.

Code Compliance

- UL Listed
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code

Features

- Rugged, heavy duty 20-gauge steel construction
- Universal mounting pattern knockouts in back plate for back mounting
- Corrosion resistant powder-coat paint
- Standard white finish
- Steel lamp heads
- Dual voltage transformer 120/277 VAC
- Multi-rate, controlled, automatic charger
- Low voltage battery cutoff
- AC power indicator and test switch

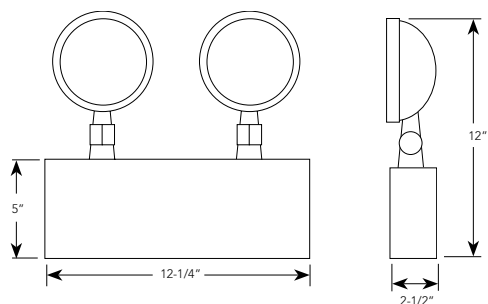
Mounting

Suitable for wall mounting • Includes universal mounting pattern knockouts for simple back mounting over junction box • AC input conduit knockouts are provided

Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1-1/2 hrs.
NC627WH	White	6V	2 x 12W	27

Dimensions



Electrical Data

Lamps Supplied with two 6V 12W halogen lamps

Input Voltage	Max. Amps	Max. Watts	Standby Watts*
120	0.094	11.0	1.8
277	0.044	11.0	1.8

*Fully charged battery

Battery Sealed maintenance-free Lead Calcium

• 6-Volt Operation • Standard battery will operate a maximum load of 27W for a minimum of 90 minutes in the event of a power outage • Battery warranted for one full year with an additional four years pro-rated warranty

Battery Type	Battery Voltage	Shelf Life ¹	Expected Life ¹	Temp. Range ²
Lead Calcium	6V, 10Ah	6 months	5-7 years	60°F - 80°F

¹To obtain rated life and capacity



NC6100WH



NC650WH

Applications

Ideal for commercial and industrial applications where remote loads or longer emergency operation times are required. High end units designed with larger batteries to deliver remote capacity or longer emergency operation required in common commercial and industrial applications. Offers premium features like steel lamp heads, 12W halogen lamps and maintenance free batteries. Designed to meet the stringent standards of the Chicago Building Code. Constructed of rugged 20-gauge steel with a durable powder-coat finish.

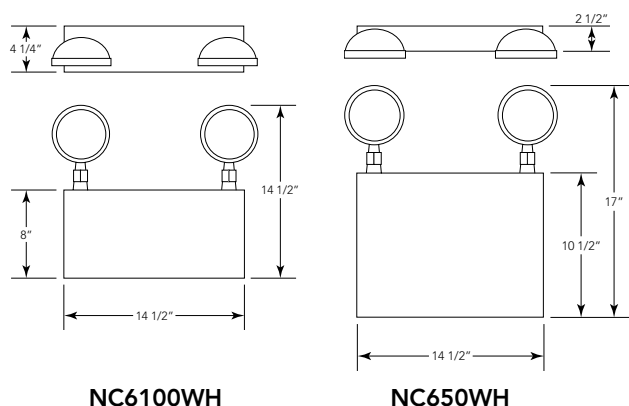
Code Compliance

- UL Listed
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code

Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts				
				1-1/2 hrs.	2hrs.	3hrs.	4 hrs.	6hrs.
NC650WH	White	6V	2 x 12W	50	36	24	-	-
NC6100WH	White	6V	2 x 12W	100	75	48	36	24

Dimensions



NC6100WH

NC650WH

Features

- Rugged, heavy duty 20-gauge steel construction
- Corrosion resistant white powder-coat finish
- Steel lamp heads with glass lens
- Dual voltage transformer 120/277 VAC
- Multi-rate, controlled, automatic charger
- Low voltage battery cutoff
- AC power indicator and test switch
- Fused remote DC output

Mounting

Suitable for wall mounting

- Includes mounting knockouts • AC input conduit knockouts are provided

Electrical Data

Lamps Supplied with two 6V, 12W halogen lamps

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
NC650WH	120	0.16	17.0	3.1
	277	0.07	17.0	3.1
NC6100WH	120	0.20	22.0	3.1
	277	0.10	22.0	3.1

*Fully charged battery

Battery Sealed maintenance-free Lead Calcium • 6-Volt Operation • 50W version uses two 12Ah batteries • 100W version uses four 12Ah batteries • 50W and 100W versions will operate rated load for a minimum of 90 minutes in the event of a power outage • For longer emergency operation of up to 6 hours the connected load can be configured according to the chart above • Battery warranted for one full year with an additional four years pro-rated warranty • Compatible only with 6V incandescent remote heads, see remote head section for available choices.

Battery Type	Battery Voltage	Temp. Range¹
Lead Calcium (NC650)	2 x 6V, 12Ah	60°F - 80°F
Lead Calcium (NC6100)	4 x 6V, 12Ah	60°F - 80°F

¹To obtain rated life and capacity



NC12100WH



NC1250WH

Applications

Ideal for commercial and industrial applications where remote loads or longer emergency operation times are required. High end units designed with larger batteries to deliver remote capacity or longer emergency operation required in common commercial and industrial applications. Offers premium features like steel lamp heads, 12W halogen lamps and maintenance free batteries. Designed to meet the stringent standards of the Chicago Building Code. Constructed of rugged 20-gauge steel with a durable powder-coat finish. 12V operation for longer remote load runs

Code Compliance

- UL Listed
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code

Features

- Rugged, heavy duty 20-gauge steel construction
- Corrosion resistant white powder-coat finish
- Steel lamp heads with glass lens
- Dual voltage transformer 120/277 VAC
- Multi-rate, controlled, automatic charger
- Low voltage battery cutoff
- AC power indicator and test switch
- Fused remote DC output
- 12V operation for longer remote load runs

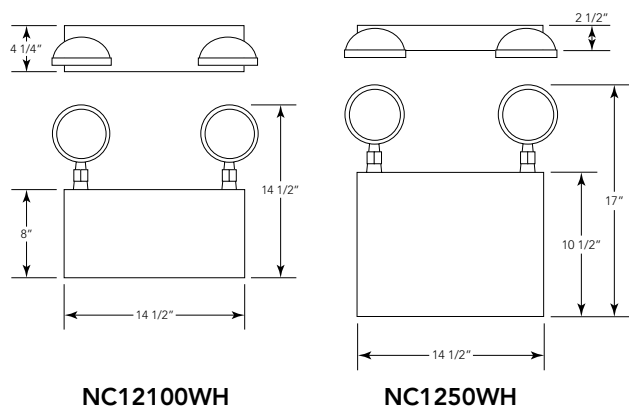
Mounting

Suitable for wall mounting • AC input conduit knockouts are provided

Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts				
				1-1/2 hrs.	2hrs.	3hrs.	4 hrs.	6hrs.
NC1250WH	White	12V	2 x 12W	50	36	24	-	-
NC12100WH	White	12V	2 x 12W	100	75	48	36	24

Dimensions



Electrical Data

Lamps Supplied with two 12V, 12W halogen lamps

Battery Sealed maintenance-free Lead Calcium • 12-Volt Operation • 50W version uses two 12Ah batteries • 100W version uses four 12Ah batteries • 50W and 100W versions will operate rated load for a minimum of 90 minutes in the event of a power outage • For longer emergency operation of up to 6 hours the connected load can be configured according to the chart above • Battery warranted for one full year with an additional four years pro-rated warranty • Compatible only with 12V incandescent remote heads, see remote head section for available choices.

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium (NC1250)	2 x 6V, 12Ah	60°F - 80°F
Lead Calcium (NC12100)	4 x 6V, 12Ah	60°F - 80°F

¹To obtain rated life and capacity



Applications

Ideal for commercial applications that require adjustability when wall mounting is undesired or not practical. Designed to meet the stringent standards of the Chicago Building Code, mounts flush with the ceiling for a concealed, unobtrusive look. Constructed of rugged 20-gauge steel with a durable powder-coat finish.

Code Compliance

- UL Listed
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code
- CCEA (Chicago Plenum)

Features

- Rugged, heavy duty 20-gauge steel construction
- Designed for recessed mounting in 2-foot grid (T-Bar) drop ceilings
- Corrosion resistant powder-coat paint
- Standard white finish
- Easy access battery panels
- Steel lamp heads
- Dual voltage transformer 120/277 VAC
- Multi-rate, controlled, automatic charger
- Low voltage battery cutoff
- AC power indicator and test switch

Mounting

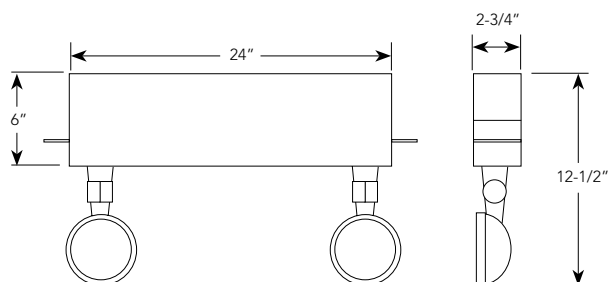
Suitable for recessed installation in 2-foot grid (T-Bar) drop ceilings • AC input conduit knockouts are provided

- Meets Chicago Plenum requirements

Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts		
				1-1/2 hrs.	2hrs.	3hrs.
NCR627WH	White	6V	2 x 12W	27	-	-
NCR650WH	White	6V	2 x 12W	50	36	24
NCR1250WH	White	12V	2 x 12W	50	36	24

Dimensions



Electrical Data

Lamps Supplied with two 6V, 12W halogen lamps

	Input Voltage	Max. Amps	Max. Watts	Standby Watts
NCR627WH	120	0.10	11.0	1.8
	277	0.05	11.0	1.8
NCR650WH	120	0.16	18.0	3.0
	277	0.07	18.0	3.0
NCR1250WH	120	0.25	27.0	2.6
	277	0.10	27.0	2.6

Battery Sealed maintenance-free Lead Calcium

- 6-Volt • NCR627WH uses one battery • NCR650WH and NCR1250WH use two 6V batteries connected in series or parallel as required to achieve the 6V or 12V output
- Battery warranted for one full year with an additional four years pro-rated warranty

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium (NCR627)	6V, 10Ah	60°F - 80°F
Lead Calcium (NCR650 & NCR1250)	2 x 6V, 12Ah	60°F - 80°F

¹To obtain rated life and capacity



Applications

Ideal for architectural applications with top ceiling access, the New York approved Recessed Mount Edge-Lit LED Exit Signs offer specification grade aesthetics with in-field installation flexibility.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 47212

Features

- Crystal clear acrylic face panel
- Mirrored divider provided on double face signs to simulate clear aesthetic
- Aesthetically pleasing aluminum ceiling trim plate
- 8" letters, 1" stroke width
- Full size, field-applied chevron directional indicators with pre-applied installation template
- Engraved letters increase visibility
- Dual voltage 120/277 VAC operation

Mounting

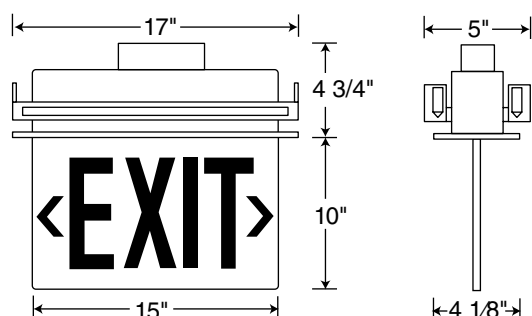
May be recessed mounted on drop ceiling applications – requires top ceiling access • Includes telescoping hanger bars • Vertically adjustable to accommodate varying ceiling thicknesses

Ordering Information

Example: **NNYXER1RAA**

Series	Number of Faces	Letter Color	Finish
NNYXER	1	R	AA
NNYXER Series	1 - Single Face 2 - Double Face	R - Red	AA - Anodized Aluminum WH - White

Dimensions



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.148	3.2
Red LED	277	0.133	3.0



Applications

Ideal for architectural applications with top ceiling access, the New York approved Recessed Mount Edge-Lit LED Exit Signs offer specification grade aesthetics with in-field installation flexibility.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 47212

Features

- Crystal clear acrylic face panel
- Mirrored divider provided on double face signs to simulate clear aesthetic
- Aesthetically pleasing aluminum ceiling trim plate
- 8" letters, 1" stroke width
- Full size, field-applied chevron directional indicators with pre-applied installation template
- Engraved letters increase visibility
- Dual voltage 120/277 VAC operation
- Maintenance-free nickel cadmium battery

Mounting

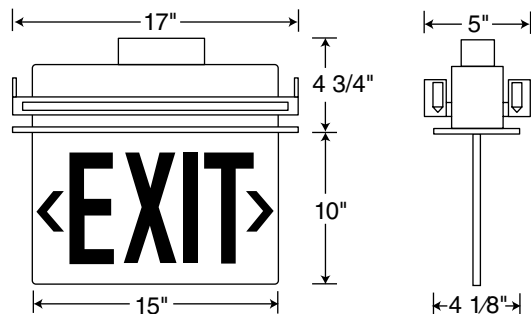
May be recessed mounted on drop ceiling applications – requires top ceiling access • Includes telescoping hanger bars • Vertically adjustable to accommodate varying ceiling thicknesses

Ordering Information

Example: **NNYXERB1RAA**

Series	Number of Faces	Letter Color	Finish
NNYXERB	1	R	AA
NNYXERB Series	1 - Single Face 2 - Double Face	R - Red	AA - Anodized Aluminum WH - White

Dimensions



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.148	3.2
Red LED	277	0.133	3.0

Battery Sealed, maintenance-free nickel cadmium

- Battery will operate sign for a minimum of 90 minutes in the event of a power outage • NiCad battery warranted for five full years

Battery Type	Battery Voltage	Temp. Range ¹
NiCad	4.8V, 500mAh	32°F - 100°F

¹To obtain rated life and capacity



Applications

The New York approved NNYXES Series is the most uncomplicated edge-lit sign to specify. Surface mount construction makes it easy to enjoy the aesthetic benefits of edge-lit design with simple junction box mounting.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 47212

Features

- Crystal clear acrylic face panel
- Mirrored divider provided on double face signs to simulate clear aesthetic
- Extruded aluminum housing
- Includes die cast aluminum canopy for top, back or end mounting
- Pre-drilled canopy attachment locations with easily removed hole covers
- 8" letters, 1" stroke width
- Engraved letters increase visibility
- Full-size, field-applied chevron directional indicators with pre-applied installation template
- Dual voltage 120/277 VAC

Mounting

May be top, back or end mounted • All signs include die cast aluminum canopy and mounting hardware for easy top, back or end mount installation

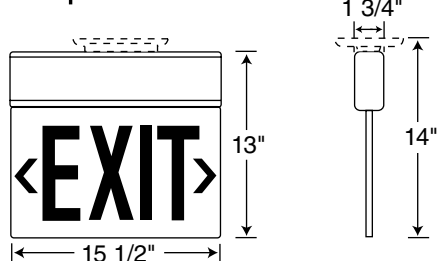
Ordering Information

Example: NNYXES1RAA

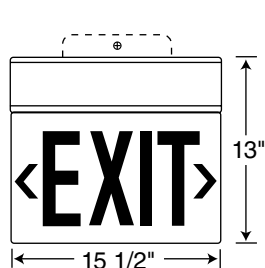
Series	Number of Faces	Letter Color	Finish
NNYXES	1	R	AA
NNYXES Series	1 - Single Face 2 - Double Face	R - Red	AA - Anodized Aluminum WH - White

Dimensions

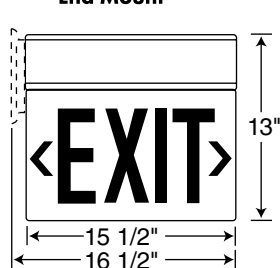
Top Mount



Back Mount



End Mount



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.03	3.0
Red LED	277	0.013	3.1



Applications

The New York approved NNYXESB Series is the most uncomplicated edge-lit sign to specify. Surface mount construction makes it easy to enjoy the aesthetic benefits of edge-lit design with simple junction box mounting.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- New York City Approved
- Calendar No. 46932

Features

- Crystal clear acrylic face panel
- Mirrored divider provided on double face signs to simulate clear aesthetic
- Extruded aluminum housing
- Includes die cast aluminum canopy for top, back or end mounting
- Pre-drilled canopy attachment locations with easily removed hole covers
- 8" letters, 1" stroke width
- Engraved letters increase visibility
- Full-size, field-applied chevron directional indicators with pre-applied installation template
- Dual voltage 120/277 VAC
- Maintenance-free, nickel cadmium battery

Mounting

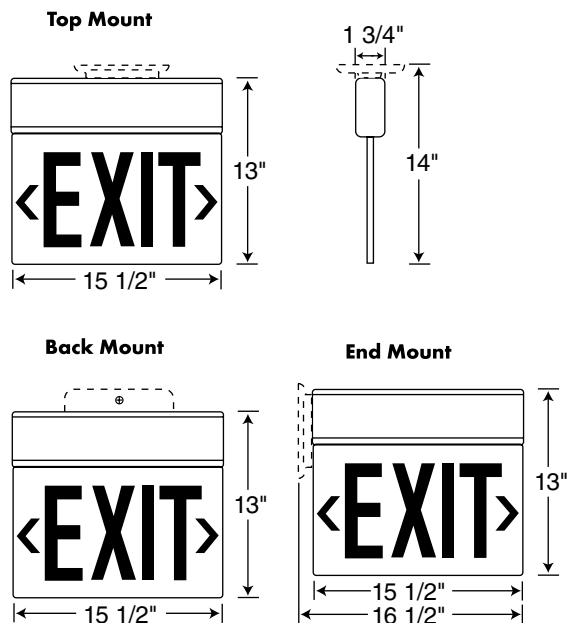
May be top, back or end mounted • All signs include die cast aluminum canopy and mounting hardware for easy top, back or end mount installation

Ordering Information

Example: NNYXESB1RAA

Series	Number of Faces	Letter Color	Finish
NNYXESB	1	R	AA
NNYXESB Series	1 - Single Face 2 - Double Face	R - Red	AA - Anodized Aluminum WH - White

Dimensions



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.03	3.2	3.0
Red LED	277	0.02	3.5	3.3

*Fully charged battery

Battery Sealed, maintenance-free nickel cadmium

- Battery will operate sign for a minimum of 90 minutes in the event of a power outage
- NiCad battery warranted for five full years

Battery Type	Battery Voltage	Temp. Range ¹
NiCad	4.8V, 500mAh	32°F - 100°F

¹To obtain rated life and capacity



Applications

Possessing premium installation features such as a snap-fit faceplate, pre-drilled canopy attachment locations and easily removable chevron directional indicators, the New York approved NNYXD Series offers the strength of metal construction in a simple-to-install design. NNYXD Series signs can easily be converted from single to double face with the included second faceplate.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Architectural-grade, die cast aluminum housing and faceplate
- Includes die cast aluminum canopy for top or end mounting
- Universal mounting pattern knockouts for junction box mounting
- Pre-drilled canopy attachment locations with easily removed hole covers
- Integral wiring channels
- Snap-fit faceplate
- Second faceplate included to field-convert from single to double face
- 8" letters with 1" stroke width
- Full-size, 3/4" wide chevron directional indicators
- Easily removable chevron directional indicators
- Dual voltage 120/277 VAC

Mounting

May be top, end or back mounted • All signs include die cast aluminum canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple junction box mounting • Second faceplate is provided for field conversion to double face

Ordering Information

Example: NNYXD3RBAB

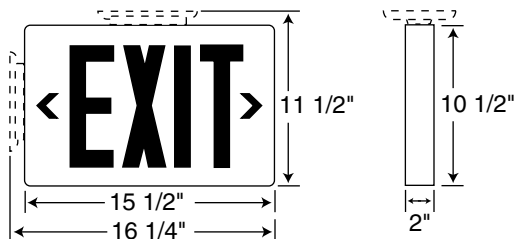
Series	Number of Faces	Letter Color	Finish
NNYXD	3	R	BAB
NNYXD Series	3 - Universal Single/Double Face	R - Red	BAB - Brushed Aluminum Face/Black Housing WH - White BL - Black

Accessories

Catalog No.	Description
NVS2	Polycarbonate Vandal Shield - Medium Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs • Signs consume less than 2.5 watts

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.02	2.1
Red LED	277	0.01	2.2



Applications

Possessing premium installation features such as a snap-fit faceplate, pre-drilled canopy attachment locations and easily removable chevron directional indicators, the New York approved NNYXDB Series offers the strength of metal construction in a simple-to-install design. NNYXDB Series signs can easily be converted from single to double face with the included second faceplate.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Comes standard with self-test and self-diagnostics features
- Architectural-grade, die cast aluminum housing and faceplate
- Includes die cast aluminum canopy for top or end mounting
- Universal mounting pattern knockouts for junction box mounting
- Pre-drilled canopy attachment locations with easily removed hole covers
- Integral wiring channels
- Snap-fit faceplate
- Second faceplate included to field convert from single to double face
- Dual voltage 120/277 VAC
- 8" letters with 1" stroke width
- Full size, 3/4" wide chevron directional indicators
- NiCad battery provides 90 minutes of emergency operation

Mounting

May be top, end or back mounted • All signs include die cast aluminum canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple junction box mounting • Second faceplate is provided for field conversion to double face

Ordering Information

Example: **NNYXDB3RBABSD**

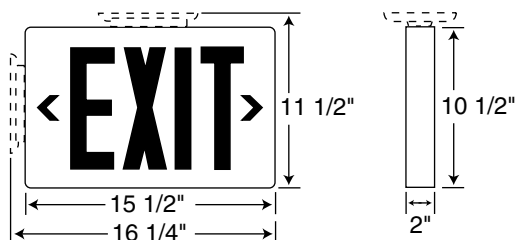
Series	Number of Faces	Letter Color	Finish	Options
NNYXDB	3	R	BAB	SD
NNYXDB Series	3 - Universal Single/Double Face	R - Red	BAB - Brushed Aluminum Face/Black Housing WH - White BL - Black	SD - Self-Diagnostics

Accessories

Catalog No.	Description
NVS2	Polycarbonate Vandal Shield - Medium Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.02	2.1	1.7
Red LED	277	0.01	2.2	1.6

*Fully charged battery

Battery Long-life, maintenance-free, high performance nickel cadmium • Designed to operate over a wider range of temperatures (32°F - 100°F operating range) • Battery will operate sign for a minimum of 90 minutes in the event of a power outage • Nickel cadmium battery warranted for five full years with additional five years pro-rated warranty

Battery Type	Battery Voltage	Temp. Range ¹
NiCad	4.8V, 0.7Ah	32°F - 100°F

¹To obtain rated life and capacity



Applications

The New York approved NNYXS Series is ideal for applications that require the durability of metal construction in an economical package. All NNYXS Series signs include a second faceplate and canopy for universal installation.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Rugged, heavy duty 20-gauge die-formed steel construction
- Universal mounting pattern knockouts in backplate for back mounting
- Second faceplate included for double face applications
- 8" letters with 1" stroke width
- Chevron directional indicator knockouts
- Corrosion-resistant polyester powder coat paint
- Dual voltage 120/277 VAC

Mounting

May be top, end or back mounted • All signs include canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: **NNYXS3RWH**

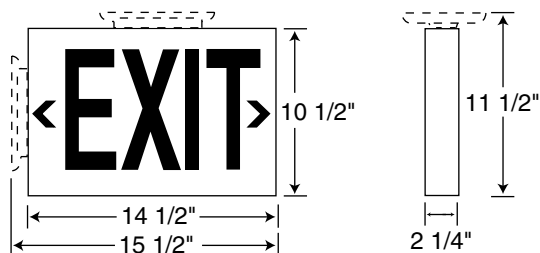
Series	Number of Faces	Letter Color	Finish
NNYXS	3	R	WH
NNYXS Series	3 - Universal Single/Double Face	R - Red	WH - White

Accessories

Catalog No.	Description
NVS2	Polycarbonate Vandal Shield - Medium Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs • Red LED/letters
• Signs consume less than 5 watts

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.04	4.5
Red LED	277	0.02	4.8



Applications

The New York approved NNYXSB Series is ideal for applications that require the durability of metal construction in an economical package. All NNYXSB Series signs include a second faceplate and canopy for universal installation.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Rugged, heavy duty 20-gauge die-formed steel construction
- Universal mounting pattern knockouts in backplate for back mounting
- Second faceplate included for double face applications
- 8" letters with 1" stroke width
- Chevron directional indicator knockouts
- Corrosion-resistant polyester powder coat paint
- Dual voltage 120/277 VAC
- Solid state charging and switching
- Brownout protection
- Battery low voltage disconnect
- Overload and short circuit protection
- AC power indicator and test switch
- Maintenance-free 3.6V nickel cadmium battery

Mounting

May be top, end or back mounted • All signs include canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: NNYXSB3RWH

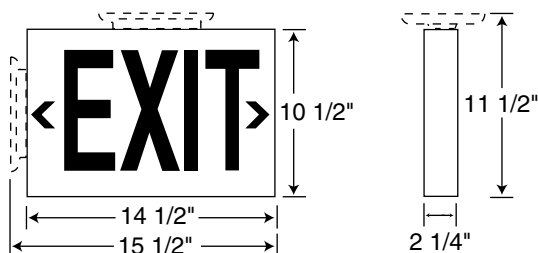
Series	Number of Faces	Letter Color	Finish
NNYXSB	3	R	WH
NNYXSB Series	3 - Universal Single/Double Face	R - Red	WH - White

Accessories

Catalog No.	Description
NVS2	Polycarbonate Vandal Shield - Medium Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs • Red LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.05	5.1	4.9
Red LED	277	0.02	5.5	5.0

*Fully charged battery

Battery Long life, maintenance-free, high performance nickel cadmium • Designed to operate over a wider range of temperatures (32°F - 100°F operating range) • Battery will operate sign for a minimum of 90 minutes in the event of a power outage • Nickel cadmium battery warranted for five full years

Battery Type	Battery Voltage	Temp. Range ¹
NiCad	3.6V, 0.7Ah	32°F - 100°F

¹To obtain rated life and capacity



Applications

New York approved NNYXSC Series offers unsurpassed value and performance for commercial and retail applications.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Includes three lighting heads, combining exit signage with the emergency lighting function for a convenient, comprehensive solution
- Rugged, heavy duty 20-gauge die formed steel construction
- Lighting heads made from high impact thermoplastic
- Universal mounting pattern knockouts in backplate for back mounting
- 8" letters with 1" stroke width
- Chevron directional indicator knockouts
- Includes three 6V, 9W lighting heads
- Heads are fully adjustable for comprehensive lighting coverage
- Maintenance-free, 6V sealed lead calcium battery
- Dual voltage 120/277 VAC

Mounting

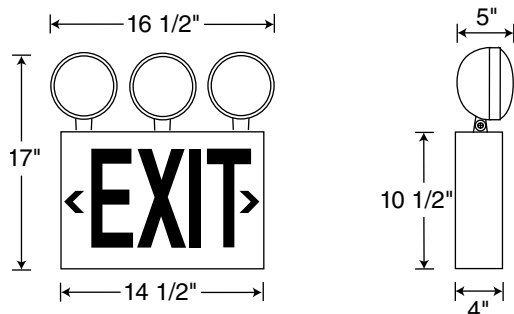
May be back mounted • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: NNYXSC1RWH3

Series	Number of Faces	Letter Color	Finish	Number of Heads
NNYXSC	1	R	WH	3
NNYXSC Series	1 - Single Face	R - Red	WH - White	3 - 3 Heads

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs • Red LED/letters
• Red signs consume less than 5 watts

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.08	7.8	3.9
Red LED	277	0.04	9.1	4.0

*Fully charged battery

Battery Sealed, maintenance-free lead calcium

- Standard battery will operate sign and three 9W heads for a minimum of 90 minutes in the event of a power outage
- Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium	6V, 12Ah	40°F - 95°F

¹To obtain rated life and capacity



Applications

NaviLite NNY6 Series New York Emergency Lights are designed for efficiency and ease of installation. Their rugged design meets New York City standards and provides dependable operation. The units are completely self contained and fully automatic.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Rugged, heavy duty design
- Durable 20 gauge steel housing and faceplate
- Supplied with two 6V, 9W thermoplastic lighting heads
- Dual voltage 120/277 VAC
- Solid state charging and switching
- Brownout protection
- Battery low voltage disconnect
- AC power indicator and test switch
- Maintenance-free 6V sealed lead calcium battery

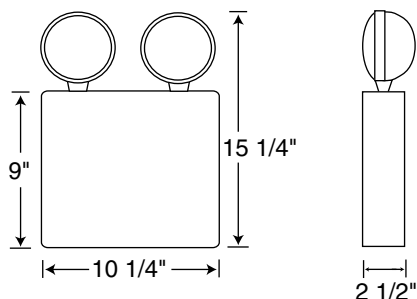
Mounting

Keyhole slots and junction box mounting holes provided for simplified wall mounting

Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts			
				1 1/2 hrs.	2 hrs.	4 hrs.	8 hrs.
NNY618WH2	White	6V	2 x 9W	18	—	—	—

Dimensions



Electrical Data

Lamps Supplied with 6V, 9W, Tungsten wedge base type lamps

Catalog No.	Input Voltage	Max. Amps	Max. Watts
NNY618WH2	120	0.06	1.5
	277	0.03	1.4

Battery Maintenance-free 6V sealed lead calcium battery will operate rated load for a minimum of 90 minutes in the event of a power outage • Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium	6V, 7Ah	40°F - 95°F

¹To obtain rated life and capacity



Applications

Navilite NNY6 Series New York Emergency Lights are designed for efficiency and ease of installation. Their rugged design meets New York City standards and provides dependable operation. The units are completely self contained and fully automatic.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Rugged, heavy duty design
- Durable 20 gauge steel housing and faceplate
- Supplied with three 6V, 9W thermoplastic lighting heads
- Dual voltage 120/277 VAC
- Solid state charging and switching
- Brownout protection
- Battery low voltage disconnect
- AC power indicator and test switch
- Maintenance-free 6V sealed lead calcium battery

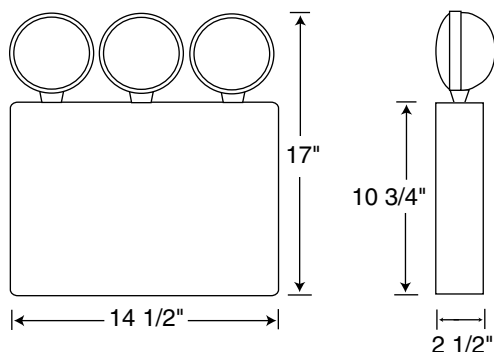
Mounting

Keyhole slots and junction box mounting holes provided for simplified wall mounting

Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts			
				1 1/2 hrs.	2 hrs.	4 hrs.	8 hrs
NNY627WH3	White	6V	3 x 9W	27	—	—	—

Dimensions



Electrical Data

Lamps Supplied with 6V, 9W, tungsten wedge base type lamps

Catalog No.	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
NNY627WH3	120	0.06	6.8	1.7
	277	0.03	8.8	1.7

*Fully charged battery

Battery Maintenance-free 6V sealed lead calcium battery will operate rated load for a minimum of 90 minutes in the event of a power outage • Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium	6V, 12Ah	40°F - 95°F

¹To obtain rated life and capacity



Applications

NaviLite NNY12 Series New York Emergency Lights are designed for efficiency and ease of installation. Their rugged design meets New York City standards and provides dependable operation. The units are completely self contained and fully automatic.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Rugged, heavy duty design
- Durable 20 gauge steel housing and faceplate
- Supplied with three 12V, 12W thermoplastic lighting heads
- Dual voltage 120/277 VAC
- Solid state charging and switching
- Brownout protection
- Battery low voltage disconnect
- AC power indicator and test switch
- Maintenance-free 6V sealed lead calcium batteries connected in series to deliver 12V

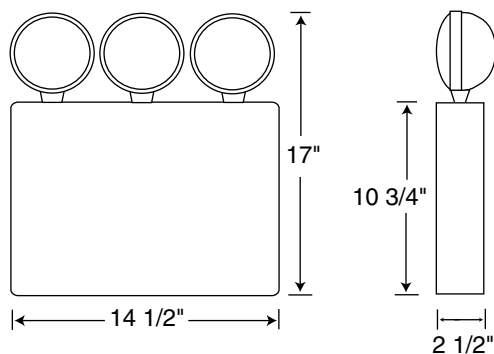
Mounting

Keyhole slots and junction box mounting holes provided for simplified wall mounting

Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts			
				1 1/2 hrs.	2 hrs.	4 hrs.	8 hrs
NNY1250WH3	White	12V	3 x 12W	50	37	–	–

Dimensions



Electrical Data

Lamps Supplied with 12V, 12W, tungsten wedge base type lamps

Catalog No.	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
NNY1250WH3	120	0.15	15.7	2.5
	277	0.07	16.6	2.2

*Fully charged battery

Battery Two maintenance-free 6V sealed lead calcium batteries connected in series to deliver 12 volts, 50 watts of rated capacity • Will operate the unit's three heads plus an additional 14 watts of remote capacity for a minimum of 90 minutes in the event of a power outage

- Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range ¹
Lead Calcium	6V, 10Ah	40°F - 95°F

¹To obtain rated life and capacity



Applications

LED Retrofit Kits are perfect for installations where the existing exit sign is still serviceable but consumes far too much energy due to its high wattage lamps. Screw-in retrofit kits are as simple to install as changing a lamp, thus minimizing labor costs.

Dimensions

W = 3/4"

L = 1 1/12"

H = 4 3/4" (add 1/4" when using adapters)

NXRS Series Exit Sign Retrofit Kits – Screw-In Installation

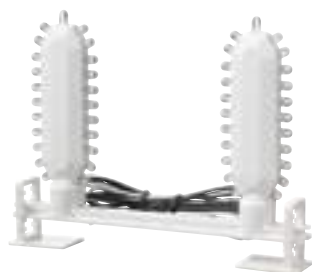
- Use for 120V applications only
- Consumes only 2.8W total per kit
- Designed to fit directly into candelabra base sockets
- Includes socket adapters to fit intermediate base or bayonet base sockets
- LED module height is 4 3/4" (add 1/4" when using adapters)
- ETL Listed
- 5-year warranty

Ordering Information

Catalog No.	Mounting Type	LED Color
NXRSR	Screw-In	Red LED

Electrical Data

Lamps Screw-in lamps designed to fit directly into candelabra base sockets • Includes socket adapters to fit intermediate base or bayonet base sockets • LED module height is 5 1/8" (add 1/4" when using adapters)



Applications

LED Retrofit Kits are perfect for installations where the existing exit sign is still serviceable but consumes far too much energy due to its high wattage lamps. Hard-wire retrofit kits are especially useful in 277V applications or where the local authority requires a more permanent conversion.

Dimensions

W = 1"

L = adjustable 4" to 7"

H = adjustable 5" to 5 1/2"

NXRH Series Exit Sign Retrofit Kits – Hard-Wire Installation

- Use for 120V or 277V applications
- Consumes only 2.8W total per kit
- LED modules can be repositioned to optimize sign uniformity
- Kits come complete with mounting hardware
- LED module height is adjustable
- ETL Listed
- 5-year warranty

Ordering Information

Catalog No.	Mounting Type	LED Color
NXRHR	Hard-Wire	Red LED

Electrical Data

Lamps Kit comes complete with mounting hardware • LED modules can be repositioned along mounting bracket to optimize sign uniformity • LED module height is adjustable


Polycarbonate Vandal Shields – NVS Series

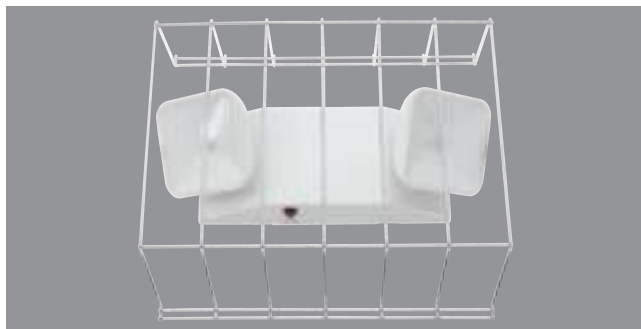
Clear polycarbonate vandal shields provide an extra level of protection from flying objects and vandalism without obscuring the visibility of exit signs or diminishing the performance of emergency lights. Includes mounting hardware. Ideal for use in school, gymnasiums and athletic centers and any area where protection from flying objects is necessary.

Compatibility Information

Catalog No.	Description	Product Compatibility	Dimensions (H x W x D)
NVS1	Vandal Shield - Small	NXD, NXDB, NXP, NXPB ¹ , NXS, NXSB, NXT Series	13 1/2" x 15" x 2 1/4"
NVS2	Vandal Shield - Medium Bubble	NXES, NXESB, NXD, NXDB, NXP, NNYXD, NNYXS, NXPB ¹ , NXS, NXSB, NXT, N8 ² Series	15 1/4" x 22 1/4" x 8"
NVS3	Vandal Shield - Small Bubble	N1, N2, N3, N4, NRSQ, NRMR Series	7 3/4" x 18 1/4" x 7 3/4"
NVS4	Vandal Shield - Large Bubble	NXPC Series	16 5/8" x 32 1/4" x 6 5/8"

¹ NVS1 is suitable for non-HO versions only – NVS2 is required for HO versions.

² NVS2 must be oriented vertically to accommodate N8 dimensions.


Wire Guards – NWG Series

Chrome plated, 0.150" diameter steel wire guards protect exit signs and emergency lights from flying objects. Wires are spread 2.5" apart making it easy to access fixtures to perform periodic testing. Includes mounting hardware. Ideal for use in gymnasiums and athletic centers and any area where protection from flying objects is necessary.

Compatibility Information

Catalog No.	Description	Product Compatibility	Dimensions (H x W x D)
NWG1	Wire Guard - Small	NXES, NXESB, NXD, NXDB, NXS, NXSB, NNYXD, NNYXS, NXP ³ , NXPB, NXT, N1, N2, N3, N4 Series	13 1/2" x 15" x 6"
NWG2	Wire Guard - Large	NXPC Series	13 1/2" X 30" X 6"

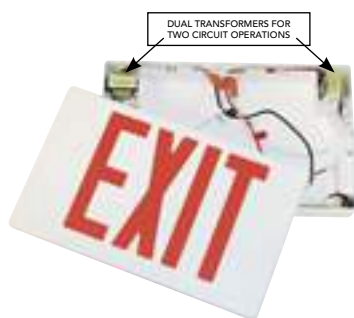
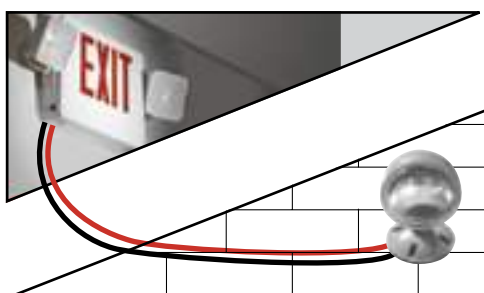
³ NWG1 is not suitable for NXPC combo versions – NWG2 is required for NXPC combo versions.

IF INDICATOR IS NOT ILLUMINATED THE UNIT IS IN EMERGENCY MODE

- (Steady) Normal
- (Double Pulse) Battery Failure*
- (Red/Green Flash) Hi Charge
- (Steady) Battery Disconnected
- (Three Pulse) LED Failure
- (Four Pulse) Lamp Failure
- (Two Pulse) 15 Minute Discharge**

*Will Function Only After 15 Minute Test

**Every 30 Days



Self-Diagnostic/Self-Test (SD) Option

Available as an option on many NaviLite products, and included standard on the NNYXD Series, the Self-Diagnostic/Self-Test capability is becoming increasingly more important in exit and emergency lighting as architects, engineers, designers and building owners consider its tremendous added value relative to system maintenance and reliability. The NaviLite SD Option not only provides user alerts to system malfunction and guides the troubleshooting process, it also executes periodic monthly and annual tests to confirm proper system operation. Any lamp, battery or charger circuit failure is quickly and accurately diagnosed, followed by a visual indication pinpointing the exact nature of the failure. The Self-Diagnostic/Self-Test Option helps to ensure that your life safety fixtures will operate when they are needed.

High Output (HO) Option

In some instances, it may prove more cost effective to operate one or two emergency lamps using one higher capacity fixture rather than install an additional discrete emergency light. Or, in many municipalities, emergency lighting is often required at an exit door and even on the egress path leading outside the building. For these applications and many others, the High Output Option is offered on a number of emergency lights and exit signs. These fixtures are equipped with a larger capacity battery designed to operate an additional remote load in the event of a power outage. See specific fixtures with the HO Option to confirm the available additional capacity.

Two-Circuit Capability (2C) Option

Many NaviLite AC Only exit signs are available with Two-Circuit Capability to meet various local and special codes. Two-Circuit exit signs are designed with a second AC input circuit enabling the sign to automatically switch to the alternate source in the event of primary AC failure. These signs are often specified in installations that employ a central inverter system or standby generator for emergency power such as high-rise buildings, banking institutions and health care facilities. Optional Two-Circuit signs are all dual voltage 120/277 VAC, can be specified with red or green letters and do not require any additional accessories.

Compatibility Information

Option Code	Description	Product Compatibility	Output Capacity
SD	Self-Diagnostic/Self-Test Option	NXDB, NXPB, NXPC, N1, N3, N5 Series	
HO	High Output/Remote Capacity Option	NXPB Series NXPC Series N1 Series N3 Series N4 Series	Additional 11W Additional 11W 16.5W Total 15W Total 20W Total
2C	Two-Circuit Capability Option	NXP Series	

Determining Wire Size

When remote lighting fixtures are connected to emergency lighting units, circuit runs must be of sufficient size to maintain a proper operating voltage to all lamps. The National Electrical Code limits voltage to drop to a maximum of 5% of normal. The accompanying table gives the maximum length of wire run based on system voltage, wire gauge and total wattage on the run. **To determine the maximum length of a wire run not listed**, divide the value of the load in watts into the constant listed at the bottom of each row. For examples, the maximum wire run length for #10 wire on a 12 volt system, with a 63 watt is $3397 \div 63$, or 53 feet.

Conversely, **to determine the maximum load on a run of known length**, divide the run length into the constant. For example, a 100 foot run of #10 wire on a 12 volt system can be loaded to, $3397 \div 100$, or 33 watts; on #8 wire, $5403 \div 100$, or 54 watts.

Wiring Distance in Feet (for maximum voltage drop of 5%)									
Total Watts on Wire Run	6 Volt System Wire Size				12 Volt System Wire Size				
	#12	#10	#8	#6	#12	#10	#8	#6	#4
6	89	141	225	357	356	566	900	1431	2276
8	66	106	168	268	267	424	675	1073	1707
9	59	94	150	238	237	377	600	954	1517
10	53	84	135	214	213	339	540	859	1366
12	44	70	112	178	178	283	450	715	1138
16	33	53	84	134	133	212	337	536	853
18	29	47	75	119	118	188	300	477	758
24	22	35	56	89	89	141	225	357	569
25	21	33	54	85	85	135	216	343	546
27	19	31	50	79	79	125	200	318	505
30	17	28	45	71	71	113	180	286	455
36	14	23	37	59	59	94	150	238	379
42	12	20	32	51	50	80	128	204	325
45	11	18	30	47	47	75	120	190	303
48	11	17	28	44	44	70	112	178	284
50	10	16	27	42	42	67	108	171	273
75	7	11	18	28	28	45	72	114	182
100	5	8	13	21	21	33	54	85	136
Constant	534	849	1350	2148	2137	3397	5403	8590	13660

Longer Wire Runs

The wiring distances give the maximum length of a low voltage circuit, assuming that the entire load is concentrated at the end of the circuit. If loads are uniformly spaced along the circuit path (equal watts, equal spacing distances), the lengths in the table may be increased, based on number of fixtures on a given circuit, by means of the chart and formula below. For example, a 60 foot long, 12 volt circuit has five 9 watt heads spaced 12 feet apart. According to the wire run table, #10 wire must be used (at 75 feet for a 5% voltage drop). However, by multiplying the 47 feet for #12 wire by 1.67 (5 fixtures equally spaced multiplier), a 78 foot wire run is acceptable, so #12 wire may be used and still meet the 5% voltage drop limitation.

Number of Fixtures	2	3	4	5	6	n
Multiply feet by	1.33	1.5	1.6	1.67	1.7	$2n/(n+1)$

Product Warranty Information

All NaviLite products are warranted against defects in material or workmanship for a **full five (5) years from date of invoice**. This guarantee covers all components except batteries (see Battery Warranty below) provided the defect develops while the product is used under normal and manufacturer specified conditions. Juno Lighting Group's sole obligation in the event of such defect is limited to repair or replacement of the defective component — no labor charges will be honored without prior written approval from the factory.

Battery Warranty Information

The battery warranty period is defined as follows:

Battery Type	Warranty Period		
	No Charge Period	Pro-Rata Charge Period	Total Warranty
Lead Calcium	1 Year	4 Years	5 Years
Nickel Cadmium	5 Years	5 Years	10 Years

The No Charge Warranty Period begins on the date of installation or 90 days from the date of invoice, whichever is earlier. The Pro-Rata Charge Warranty Period begins the day that the No Charge Warranty Period ends.

A battery that is determined to be defective during the Pro-Rata Charge Warranty Period will be replaced at the cost of the net price in effect at the time, less the relative percentage of years remaining on the Total Warranty. For example, a Lead calcium battery determined to be defective in year 2 of the Total Warranty would be replaced for the cost of the net price less 60% (3 of 5 years remaining).

Product	Page	Product	Page	Product	Page
1x4DWA	436, 438	14B-BL	74, 90, 97	26WHZ-WH	160
1x4EC	436	14B-SC	74, 90, 97	26W-WH	160
2x2DWA	434, 437, 439-441, 443	14B-WH	74, 90, 97	27B-WH	141, 160, 168, 218
2x2EC	434	14W-WH	74, 90, 97	27C-WH	141, 160, 168, 218
2x4DWA	435, 437, 439, 440	16-WH	98	27G-WH	141, 160, 168, 218
2x4EC	435	17B-WH	74, 90, 97	27HYP2-B-WH	142
2A	43	17CLI-WH	90	27HYP2-C-WH	142
2B	42	17C-WH	74, 97	27HYP2-HZ-WH	142
2C	42	17G-WH	74, 90, 97	27HYP2-WHZ-ABZ	142
2-JCTA150	42-45	17HYP2-B-WH	74	27HYP2-WHZ-WH	142
2-NCMF	42-45	17HYP2-C-WH	74	27HYP2-W-WH	142
2SQ	44	17HYP2-HZ-WH	74	27HYP3-B-WH	142, 219
2SQA	45	17HYP2-WHZ-ABZ	74	27HYP3-C-WH	142, 219
3C	725, 729, 731	17HYP2-WHZ-WH	74	27HYP3-HZ-WH	142, 219
3C-SOW	727	17HYP2-W-WH	74	27HYP3-WHZ-ABZ	142, 219
3C-TLP	725, 729, 731	17HZ-WH	74, 90, 97	27HYP3-WHZ-WH	142, 219
4RLA	49, 51, 52	17PT-SC	74, 90, 97	27HYP3-W-WH	142, 219
4RLD	48, 51, 52	17SQ-B-WH	75, 91, 100	27HZ-WH	141, 160, 168, 218
4RLS	50	17SQ-HZ-WH	75, 91, 100	27PT-SC	141, 160, 168, 218
4RLS-RETROKIT	50	17SQ-WHZ-WH	75, 91, 100	27WHZ-ABZ	141, 160, 168, 218
4TSA	28, 29, 31, 92, 94, 222	17SQ-W-WH	75, 91, 100	27WHZ-WH	141, 160, 168, 218
5RLA	54-56	17WHZ-ABZ	74, 90, 97	27W-WH	141, 160, 168, 218
5RLD	53, 55, 56	17WHZ-WH	74, 90, 97	28B-WH	149, 155, 160, 168, 173
6C-TLP	734, 735	17W-WH	74, 90, 97	28W-WH	149, 155, 160, 168, 173
6RLA	58, 64, 65	18-SC	97	29C-WH	149, 155, 161, 168, 173
6RLC	221	18-WH	97	29W-WH	149, 155, 161, 168, 173
6RLD	57, 64, 65	19-WH	97	39C-WH	74
6RLS-927-6-WH	59	20-PW	141, 164, 218	39HZ-WH	74
6RLS-927-9-WH	59	20-WH	141, 164, 218	39WHZ-WH	74
6RLS-930-6-WH	59	21-PW	141, 164, 218	39W-WH	74
6RLS-930-9-WH	59	21-WH	141, 164, 218	41L-ABZ	80
10-ABZ	97	22-WH	141, 149, 164, 218	41L-SC	80
10-BL	97	23B-WH	162	41LSQ-WH	81
10-SC	97	23R24	387	41L-WH	80
10-WH	97	23R56	386	42LB-WH	80
10H2-18QW	362	23SQ58	385	42LC-WH	80
10H2-26QW	362	24B-ABZ	141, 160, 168, 218	42LHZ-WH	80
10H-18QW	362	24B-BL	141, 160, 168, 218	42LPT-SC	80
10H-26QW	362	24B-SC	141, 160, 168, 218	42LSQ-B-WH	81
11-WH	74, 90, 98	24B-WH	141, 160, 168, 218	42LSQ-HZ-WH	81
12-32TW	363	24W-WH	141, 160, 168, 218	42LSQ-WHZ-WH	81
12-42TW	363	25B-ABZ	160, 168	42LSQ-W-WH	81
12B-32TW	363	25B-BL	160, 168	42LWHZ-ABZ	80
12B-42TW	363	25B-SC	160, 168	42LWHZ-WH	80
12H2-32TW	364	25B-WH	160, 168	42LW-WH	80
12H2-42TW	364	25R24	395	45L-WH	80
12H-32TW	364	25R56	394	45SQ41	432
12H-42TW	364	25R71	397	47LB-WH	80
12P-32TW	363	25R91	398	47LC-WH	80
12P-42TW	363	25SQ21	396	47LHZ-WH	80
12SQ-W-WH	75, 91, 100	25SQ58	393	47LPT-SC	80
12W-ABZ	74, 90, 98	25W-WH	160, 168	47LSQ-B-WH	81
12W-SC	74, 90, 98	26B-WH	160	47LSQ-HZ-WH	81
12W-WH	74, 90, 98	26C-WH	160	47LSQ-WHZ-WH	81
13SQ-WH	75, 91, 100	26G-WH	160	47LSQ-W-WH	81
13-WH	74, 90, 97	26HZ-WH	160	47LWHZ-ABZ	80
14B-ABZ	74, 90, 97	26PT-SC	160	47LWHZ-WH	80

Product	Page	Product	Page	Product	Page
47LW-WH	80	211-PW	128	247HZ-WH	161, 168, 173, 178
56RLS-RETROKIT	59	212N-ABZ	111, 128, 131, 213	247WHZ-WH	161, 168, 173, 178
60-WH	207	212N-SC	111, 128, 131, 213	248W-WH	162, 169, 174, 178
70-WH	208	212N-WH	111, 128, 131, 213	249B-WH	163, 169, 174, 178
71-WH	208	213G3B-WH	112, 214	249W-WH	163, 169, 174, 178
104-WH	203, 204, 206	213G3W-WH	112, 214	250-ABZ	162, 169, 173, 178
140B-WH	90	215B-WH	121, 126	250-SC	162, 169, 173, 178
140W-WH	90	215W-WH	121, 126	250-WH	162, 169, 173, 178
170CLI-WH	90	216C-WH	121, 127	251-WH	162
170WHZ-ABZ	90	216G-WH	121, 127	252-WH	169
170WHZ-WH	90	216HZ-WH	121, 127	254B-WH	161
201N-WH	126	216WHZ-WH	121, 127	254W-WH	161
203B-WH	126	216W-WH	121, 127	257B-WH	161
203W-WH	126	218B-WH	121	257C-WH	161
204B-WH	111, 126, 213	218W-WH	121	257G-WH	161
204C-WH	111, 126, 213	219C-WH	121	257HZ-WH	161
204G-WH	111, 126, 213	219HZ-SC	121	257WHZ-WH	161
204HYP2-B-WH	112	219HZ-WH	121	261B-WH	150, 156, 164, 175
204HYP2-C-WH	112	219WHZ-ABZ	121	261W-WH	150, 156, 164, 175
204HYP2-HZ-WH	112	219WHZ-WH	121	262G3B-WH	142, 219
204HYP2-WHZ-ABZ	112	220-PW	149	262G3W-WH	142, 219
204HYP2-WHZ-WH	112	220-WH	149	264B-WH	163, 170, 174
204HYP2-W-WH	112	224B-WH	162	264W-WH	163, 170, 174
204HYP3-B-WH	112, 214	224W-WH	162	267B-WH	163, 170, 174
204HYP3-C-WH	112, 214	226B-WH	162, 169, 174	267C-WH	163, 170, 174
204HYP3-HZ-WH	112, 214	226W-WH	162, 169, 174	267G-WH	163, 170, 174
204HYP3-WHZ-ABZ	112, 214	228-WH	162, 169, 174, 178	267HZ-WH	163, 170, 174
204HYP3-WHZ-WH	112, 214	229-ABZ	162, 169, 174, 178	267WHZ-WH	163, 170, 174
204HYP3-W-WH	112, 214	229-BL	162, 169, 174, 178	271-PW	150, 156
204HZ-WH	111, 126, 213	229-SC	162, 169, 174, 178	275B-WH	131
204PT-SC	111, 126, 213	229-WH	162, 169, 174, 178	275W-WH	131
204WHZ-ABZ	111, 126, 213	230CB-WH	161, 173	276B-WH	131
204WHZ-WH	111, 126, 213	230CW-WH	161, 173	276C-WH	131
204W-WH	111, 126, 213	231C-WH	169	276HZ-WH	131
205B-ABZ	111, 126, 213	231G-WH	169	276WHZ-WH	131
205B-SC	111, 126, 213	231W-WH	169	276W-WH	131
205B-WH	111, 126, 213	232C-WH	149, 155, 161, 173	424B-WH	163
205W-WH	111, 126, 213	232G-WH	149, 155, 161, 173	427W-WH	163
206B-WH	126	232HZ-WH	149, 155, 161, 173	430NB-FM	258, 277
206C-WH	126	232WHZ-WH	149, 155, 161, 173	430NB-SF	258, 277
206G-WH	126	232W-WH	149, 155, 161, 173	430NB-WH	258, 277
206HZ-WH	126	233C-WH	149, 155, 161, 173	430NC-FM	258, 277
206PT-SC	126	239-WH	141, 149, 155, 163, 170, 175, 218	430NC-SF	258, 277
206WHZ-ABZ	126	240-PW	155, 164	430NC-WH	258, 277
206WHZ-WH	126	240-WH	155, 164	430NHZ-FM	258, 277
207B-WH	127	241-PW	150, 155, 164, 170, 175, 178	430NHZ-SC	258, 277
207C-WH	127	241-WH	150, 155, 164, 170, 175, 178	430NHZ-SF	258, 277
207G-WH	127	242-ABZ	142, 150, 164, 170, 219	430NHZ-WH	258, 277
207HZ-WH	127	242-SC	142, 150, 164, 170, 219	430NWHZ-ABZ	258, 277
207WHZ-WH	127	242-WH	142, 150, 164, 170, 219	430NWHZ-FM	258, 277
207W-WH	127	243-WH	143, 150, 156, 165, 220	430NWHZ-SF	258, 277
208NB-WH	128, 131	244B-WH	160, 168, 173, 178	430NWHZ-WH	258, 277
208NW-WH	128, 131	244W-WH	160, 168, 173, 178	431NB-FM	261, 280
209N-WH	128, 131	247B-WH	161, 168, 173, 178	431NB-SF	261, 280
210N-ABZ	111, 121, 128, 213	247C-WH	161, 168, 173, 178	431NB-WH	261, 280
210N-SC	111, 121, 128, 213	247G-WH	161, 168, 173, 178	431NC-FM	261, 280
210N-WH	11, 121, 128, 213			431NC-SF	261, 280

Product	Page	Product	Page	Product	Page
431NC-WH . . . . .	.261, 280	436NB-ABZ . . . . .	.259, 277	438SQBHZ-SF . . . . .	.269, 286
431NHZ-FM . . . . .	.261, 280	436NB-FM . . . . .	.259, 277	438SQHZ-FM . . . . .	.269, 286
431NHZ-SC . . . . .	.261, 280	436NB-SC . . . . .	.259, 277	438SQHZ-SF . . . . .	.269, 286
431NHZ-SF . . . . .	.261, 280	436NB-SF . . . . .	.259, 277	438SQW-FM . . . . .	.269, 286
431NHZ-WH . . . . .	.261, 280	436NB-WH . . . . .	.259, 277	438SQWHZ-FM . . . . .	.269, 286
431NWHZ-ABZ . . . . .	.261, 280	436NC-FM . . . . .	.259, 277	438SQWHZ-SF . . . . .	.269, 286
431NWHZ-FM . . . . .	.261, 280	436NC-SF . . . . .	.259, 277	438SQW-SF . . . . .	.269, 286
431NWHZ-SF . . . . .	.261, 280	436NC-WH . . . . .	.259, 277	439NB-FM . . . . .	.260, 279
431NWHZ-WH . . . . .	.261, 280	436NHZ-FM . . . . .	.259, 277	439NB-SF . . . . .	.260, 279
431SQBHZ-FM . . . . .	.270, 287	436NHZ-SC . . . . .	.259, 277	439NB-WH . . . . .	.260, 279
431SQBHZ-SF . . . . .	.270, 287	436NHZ-SF . . . . .	.259, 277	439NC-FM . . . . .	.260, 279
431SQHZ-FM . . . . .	.270, 287	436NHZ-WH . . . . .	.259, 277	439NC-SF . . . . .	.260, 279
431SQHZ-SF . . . . .	.270, 287	436NWHZ-ABZ . . . . .	.259, 277	439NC-WH . . . . .	.260, 279
431SQW-FM . . . . .	.270, 287	436NWHZ-FM . . . . .	.259, 277	439NHZ-FM . . . . .	.260, 279
431SQWHZ-FM . . . . .	.270, 287	436NWHZ-SF . . . . .	.259, 277	439NHZ-SC . . . . .	.260, 279
431SQWHZ-SF . . . . .	.270, 287	436NWHZ-WH . . . . .	.259, 277	439NHZ-SF . . . . .	.260, 279
431SQW-SF . . . . .	.270, 287	437NB-ABZ . . . . .	.257, 276	439NHZ-WH . . . . .	.260, 279
432NB-FM . . . . .	.261, 280	437NB-FM . . . . .	.257, 276	439NW-FM . . . . .	.260, 279
432NB-SF . . . . .	.261, 280	437NB-SC . . . . .	.257, 276	439NWHZ-ABZ . . . . .	.260, 279
432NB-WH . . . . .	.261, 280	437NB-SF . . . . .	.257, 276	439NWHZ-FM . . . . .	.260, 279
432NC-FM . . . . .	.261, 280	437NB-WH . . . . .	.257, 276	439NWHZ-SF . . . . .	.260, 279
432NC-SF . . . . .	.261, 280	437NC-FM . . . . .	.257, 276	439NWHZ-WH . . . . .	.260, 279
432NC-WH . . . . .	.261, 280	437NC-SF . . . . .	.257, 276	439NW-SF . . . . .	.260, 279
432NHZ-FM . . . . .	.261, 280	437NC-WH . . . . .	.257, 276	439NW-WH . . . . .	.260, 279
432NHZ-SC . . . . .	.261, 280	437NHZ-FM . . . . .	.257, 276	439SQBHZ-FM . . . . .	.269, 286
432NHZ-SF . . . . .	.261, 280	437NHZ-SC . . . . .	.257, 276	439SQBHZ-SF . . . . .	.269, 286
432NHZ-WH . . . . .	.261, 280	437NHZ-SF . . . . .	.257, 276	439SQHZ-FM . . . . .	.269, 286
432NWHZ-ABZ . . . . .	.261, 280	437NHZ-WH . . . . .	.257, 276	439SQHZ-SF . . . . .	.269, 286
432NWHZ-FM . . . . .	.261, 280	437NWHZ-ABZ . . . . .	.257, 276	439SQW-FM . . . . .	.269, 286
432NWHZ-SF . . . . .	.261, 280	437NWHZ-FM . . . . .	.257, 276	439SQWHZ-FM . . . . .	.269, 286
432NWHZ-WH . . . . .	.261, 280	437NWHZ-SF . . . . .	.257, 276	439SQWHZ-SF . . . . .	.269, 286
432SQBHZ-FM . . . . .	.270, 287	437NWHZ-WH . . . . .	.257, 276	439SQW-SF . . . . .	.269, 286
432SQBHZ-SF . . . . .	.270, 287	437SQBHZ-FM . . . . .	.268, 285	440-ABZ . . . . .	.32, 97
432SQHZ-FM . . . . .	.270, 287	437SQBHZ-SF . . . . .	.268, 285	440-BL . . . . .	.32, 97
432SQHZ-SF . . . . .	.270, 287	437SQHZ-FM . . . . .	.268, 285	440LEDG4 . . . . .	.82, 83
432SQW-FM . . . . .	.270, 287	437SQHZ-SF . . . . .	.268, 285	440-SC . . . . .	.32, 97
432SQWHZ-FM . . . . .	.270, 287	437SQW-FM . . . . .	.268, 285	440SQ-BL . . . . .	.34, 100
432SQWHZ-SF . . . . .	.270, 287	437SQWHZ-FM . . . . .	.268, 285	440SQ-WH . . . . .	.34, 100
432SQW-SF . . . . .	.270, 287	437SQWHZ-SF . . . . .	.268, 285	440-WH . . . . .	.32, 97
433N-ABZ . . . . .	.259, 278	437SQW-SF . . . . .	.268, 285	441SQ-W-WH . . . . .	.34
433N-BL . . . . .	.259, 278	438NB-ABZ . . . . .	.258, 277	441W-ABZ . . . . .	.33
433N-BL-FM . . . . .	.259, 278	438NB-FM . . . . .	.258, 277	441W-SC . . . . .	.33
433N-SC . . . . .	.259, 278	438NB-SC . . . . .	.258, 277	441W-WH . . . . .	.33
433N-WH . . . . .	.259, 278	438NB-SF . . . . .	.258, 277	442B-WH . . . . .	.32
433N-WH-FM . . . . .	.259, 278	438NB-WH . . . . .	.258, 277	442C-WH . . . . .	.32
433SQ-BL . . . . .	.269, 286	438NC-FM . . . . .	.258, 277	442G-WH . . . . .	.32
433SQ-BL-FM . . . . .	.269, 286	438NC-SF . . . . .	.258, 277	442HZ-WH . . . . .	.32
433SQ-WH . . . . .	.269, 286	438NC-WH . . . . .	.258, 277	442WHZ-WH . . . . .	.32
433SQ-WH-FM . . . . .	.269, 286	438NHZ-FM . . . . .	.258, 277	443B-WH . . . . .	.32
434NB-ABZ . . . . .	.257, 276	438NHZ-SC . . . . .	.258, 277	443SQ-WH . . . . .	.34
434NB-SC . . . . .	.257, 276	438NHZ-SF . . . . .	.258, 277	444B-ABZ . . . . .	.32
434NB-WH . . . . .	.257, 276	438NHZ-WH . . . . .	.258, 277	444B-BL . . . . .	.32
434NW-WH . . . . .	.257, 276	438NWHZ-ABZ . . . . .	.258, 277	444B-SC . . . . .	.32
435NB-ABZ . . . . .	.259, 278	438NWHZ-FM . . . . .	.258, 277	444B-WH . . . . .	.32
435NB-SC . . . . .	.259, 278	438NWHZ-SF . . . . .	.258, 277	444W-WH . . . . .	.32
435NB-WH . . . . .	.259, 278	438NWHZ-WH . . . . .	.258, 277	445-WH . . . . .	.32, 98
435NW-WH . . . . .	.259, 278	438SQBHZ-FM . . . . .	.269, 286	446-WH . . . . .	.33, 98

Product	Page	Product	Page	Product	Page
447B-WH	32	616W-WH	194	2001SQWHZ-SF	245
447C-WH	32	617W-WH	194	2001SQW-SF	245
447G-WH	32	619B-WH	194	2001W-FM	238
447HZ-WH	32	619W-WH	194	2001WHZ-FM	238
447PT-SC	32	620B-WH	185	2001WHZ-SF	238
447SQ-B-WH	34	620C-WH	185	2001W-SF	238
447SQ-HZ-WH	34	620HZ-SC	185	2002B-FM	236
447SQ-WHZ-WH	34	620HZ-WH	185	2002B-SF	236
447WHZ-ABZ	32	620WHZ-ABZ	185	2002C-FM	236
447WHZ-WH	32	620WHZ-WH	185	2002C-SF	236
448-WH	32, 98	620W-WH	185	2002HZ-FM	236
449-ABZ	32	688B-WH	128, 131	2002HZ-SF	236
449-BL	32	688W-WH	128, 131	2002SQBHZ-FM	244
449-SC	32	689C-WH	128, 131	2002SQBHZ-SF	244
449-WH	32	689G-WH	128, 131	2002SQHZ-FM	244
454B-WH	35	689HZ-WH	128	2002SQHZ-SF	244
457C-WH	35	689WHZ-ABZ	128	2002SQW-FM	244
458W-WH	35	689WHZ-WH	128	2002SQWHZ-FM	244
464B-WH	36	816	661, 662, 667-669	2002SQWHZ-SF	244
464W-WH	36	817	670	2002SQW-SF	244
467C-WH	36	835-BL	816, 201, 205	2002W-FM	236
529-ABZ	128, 131	835-WH	816, 201, 205	2002WHZ-FM	236
529-SC	128, 131	836-BL	816, 201, 205	2002WHZ-SF	236
529-WH	128, 131	836-WH	816, 201, 205	2002W-SF	236
602B-WH	185, 190, 198	837-BL	816, 201, 205	2007B-FM	236
602C-WH	185, 190, 198	837-WH	816, 201, 205	2007B-SF	236
602G-WH	190, 198	838LED-13	202, 817	2007C-FM	236
602HZ-SC	185, 190, 198	840-WH	203, 204, 206	2007C-SF	236
602HZ-WH	185, 190, 198	851	413, 426	2007HZ-FM	236
602WHZ-ABZ	185, 190, 198	852	410, 423, 424, 425	2007HZ-SF	236
602WHZ-WH	185, 190, 198	853	408, 422	2007SQBHZ-FM	244
602W-WH	185, 190, 198	854	414, 415, 427	2007SQBHZ-SF	244
603B-WH	198	855	411, 412	2007SQHZ-FM	244
603W-WH	198	856	409	2007SQHZ-SF	244
604B-ABZ	185, 190, 198	902QJ	1132	2007SQW-FM	244
604B-BL	185, 190, 198	905QJ	1132	2007SQWHZ-FM	244
604B-SC	185, 190, 198	905QJL	1132	2007SQWHZ-SF	244
604B-WH	185, 190, 198	907QJ	1132	2007SQW-SF	244
604W-WH	185, 190, 198	909QJ	1133	2007W-FM	236
606B-WH	198	909QJL	1133	2007WHZ-FM	236
606W-WH	198	931	659, 660, 665, 666	2007WHZ-SF	236
610B-WH	194	932	657, 658, 663, 664	2007W-SF	236
610W-WH	194	1086BK	689	2008B-FM	238
612B-WH	190, 194	1086WH	689	2008B-SF	238
612C-WH	190, 194	1087	514, 515, 516	2008C-FM	238
612G-WH	190, 194	2001B-FM	238	2008C-SF	238
612HZ-SC	190, 194	2001B-SF	238	2008HZ-FM	238
612HZ-WH	190, 194	2001C-FM	238	2008HZ-SF	238
612WHZ-ABZ	190, 194	2001C-SF	238	2008SQBHZ-FM	245
612WHZ-WH	190, 194	2001HZ-FM	238	2008SQBHZ-SF	245
612W-WH	190, 194	2001HZ-SF	238	2008SQHZ-FM	245
614B-ABZ	185, 190, 194	2001SQBHZ-FM	245	2008SQHZ-SF	245
614B-BL	185, 190, 194	2001SQBHZ-SF	245	2008SQW-FM	245
614B-SC	185, 190, 194	2001SQHZ-FM	245	2008SQWHZ-FM	245
614B-WH	185, 190, 194	2001SQHZ-SF	245	2008SQWHZ-SF	245
614W-WH	185, 190, 194	2001SQW-FM	245	2008SQW-SF	245
616B-WH	194	2001SQWHZ-FM	245	2008W-FM	238

Product	Page	Product	Page	Product	Page
2008WHZ-FM	238	2301SQBHZ-BL-FM	245	2331SQBHZ-WH-FM	246
2008WHZ-SF	238	2301SQBHZ-BL-SF	245	2331SQBHZ-WH-SF	246
2008W-SF	238	2301SQBHZ-WH-FM	245	2332BHZ-BL-FM	237
2009B-FM	239	2301SQBHZ-WH-SF	245	2332BHZ-BL-SF	237
2009B-SF	239	2302BHZ-BL-FM	236	2332BHZ-WH-FM	237
2009C-FM	239	2302BHZ-BL-SF	236	2332BHZ-WH-SF	237
2009C-SF	239	2302BHZ-WH-FM	236	2332SQBHZ-BL-FM	244
2009HZ-FM	239	2302BHZ-WH-SF	236	2332SQBHZ-BL-SF	244
2009HZ-SF	239	2302SQBHZ-BL-FM	244	2332SQBHZ-WH-FM	244
2009SQBHZ-FM	246	2302SQBHZ-BL-SF	244	2332SQBHZ-WH-SF	244
2009SQBHZ-SF	246	2302SQBHZ-WH-FM	244	2337BHZ-BL-FM	237
2009SQHZ-FM	246	2302SQBHZ-WH-SF	244	2337BHZ-BL-SF	237
2009SQHZ-SF	246	2307BHZ-BL-FM	236	2337BHZ-WH-FM	237
2009SQW-FM	246	2307BHZ-BL-SF	236	2337BHZ-WH-SF	237
2009SQWHZ-FM	246	2307BHZ-WH-FM	236	2337SQBHZ-BL-FM	244
2009SQWHZ-SF	246	2307BHZ-WH-SF	236	2337SQBHZ-BL-SF	244
2009SQW-SF	246	2307SQBHZ-BL-FM	244	2337SQBHZ-WH-FM	244
2009W-FM	239	2307SQBHZ-BL-SF	244	2337SQBHZ-WH-SF	244
2009WHZ-FM	239	2307SQBHZ-WH-FM	244	2338BHZ-BL-FM	238
2009WHZ-SF	239	2307SQBHZ-WH-SF	244	2338BHZ-BL-SF	238
2009W-SF	239	2308BHZ-BL-FM	238	2338BHZ-WH-FM	238
2017B-FM	236	2308BHZ-BL-SF	238	2338BHZ-WH-SF	238
2017B-SF	236	2308BHZ-WH-FM	238	2338SQ2BHZ-BL-FM	249
2017C-FM	236	2308BHZ-WH-SF	238	2338SQ2BHZ-BL-SF	249
2017C-SF	236	2308SQ2BHZ-BL-FM	249	2338SQ2BHZ-WH-FM	249
2017HZ-FM	236	2308SQ2BHZ-BL-SF	249	2338SQ2BHZ-WH-SF	249
2017HZ-SF	236	2308SQ2BHZ-WH-FM	249	2338SQ3BHZ-BL-FM	251
2017W-FM	236	2308SQ2BHZ-WH-SF	249	2338SQ3BHZ-BL-SF	251
2017WHZ-FM	236	2308SQ3BHZ-BL-FM	251	2338SQ3BHZ-WH-FM	251
2017WHZ-SF	236	2308SQ3BHZ-BL-SF	251	2338SQ3BHZ-WH-SF	251
2017W-SF	236	2308SQ3BHZ-WH-FM	251	2338SQBHZ-BL-FM	245
2130B-WH	111, 121, 213	2308SQ3BHZ-WH-SF	251	2338SQBHZ-BL-SF	245
2130W-WH	111, 121, 213	2308SQBHZ-BL-FM	245	2338SQBHZ-WH-FM	245
2228SQ2BHZ-BL-FM	249	2308SQBHZ-BL-SF	245	2338SQBHZ-WH-SF	245
2228SQ2BHZ-BL-SF	249	2308SQBHZ-WH-FM	245	4017NB-FM	258
2228SQ2BHZ-WH-FM	249	2308SQBHZ-WH-SF	245	4017NB-SF	258
2228SQ2BHZ-WH-SF	249	2320C-WH	149	4017NB-WH	258
2228SQ3BHZ-BL-FM	251	2320HZ-SC	149	4017NC-FM	258
2228SQ3BHZ-BL-SF	251	2320HZ-WH	149	4017NC-SF	258
2228SQ3BHZ-WH-FM	251	2320WHZ-ABZ	149	4017NC-WH	258
2228SQ3BHZ-WH-SF	251	2320WHZ-WH	149	4017NHZ-FM	258
2228SQBHZ-BL-FM	246	2330B-WH	141, 150, 156, 218	4017NHZ-SF	258
2228SQBHZ-BL-SF	246	2330W-WH	141, 150, 156, 218	4017NHZ-WH	258
2228SQBHZ-WH-FM	246	2331BHZ-BL-FM	239	4017NW-FM	258
2228SQBHZ-WH-SF	246	2331BHZ-BL-SF	239	4017NWHZ-FM	258
2301BHZ-BL-FM	238	2331BHZ-WH-FM	239	4017NWHZ-SF	258
2301BHZ-BL-SF	238	2331BHZ-WH-SF	239	4017NWHZ-WH	258
2301BHZ-WH-FM	238	2331SQ2BHZ-BL-FM	249	4017NW-SF	258
2301BHZ-WH-SF	238	2331SQ2BHZ-BL-SF	249	4017NW-WH	258
2301SQ2BHZ-BL-FM	249	2331SQ2BHZ-WH-FM	249	4101-ABZ	75, 91, 99
2301SQ2BHZ-BL-SF	249	2331SQ2BHZ-WH-SF	249	4101-SC	75, 91, 99
2301SQ2BHZ-WH-FM	249	2331SQ3BHZ-BL-FM	251	4101-WH	75, 91, 99
2301SQ2BHZ-WH-SF	249	2331SQ3BHZ-BL-SF	251	4102-ABZ	75, 91, 99
2301SQ3BHZ-BL-FM	251	2331SQ3BHZ-WH-FM	251	4102-SC	75, 91, 99
2301SQ3BHZ-BL-SF	251	2331SQ3BHZ-WH-SF	251	4102-WH	75, 91, 99
2301SQ3BHZ-WH-FM	251	2331SQBHZ-BL-FM	246	4103FROST-SC	75, 91, 99
2301SQ3BHZ-WH-SF	251	2331SQBHZ-BL-SF	246	4103FROST-WH	75, 91, 99

Product	Page	Product	Page	Product	Page
4104HZ-SC	75, 91, 99	4335N-BL-FM	259, 278	5001SQBHZ-FM	299
4104WHZ-ABZ	75, 91, 99	4335N-SC	259, 278	5001SQBHZ-SF	299
4150MESH-SC	75, 91, 99	4335N-WH	259, 278	5001SQHZ-FM	299
4180FROST	99	4335N-WH-FM	259, 278	5001SQHZ-SF	299
4181CLEAR	99	4337N-ABZ	257, 276	5001SQW-FM	299
4301N-BL	262, 281	4337N-BL	257, 276	5001SQWHZ-FM	299
4301N-BL-FM	262, 281	4337N-BL-FM	257, 276	5001SQWHZ-SF	299
4301N-WH	262, 281	4337N-SC	257, 276	5001SQW-SF	299
4301N-WH-FM	262, 281	4337N-WH	257, 276	5001W-FM	293
4301SQ-BL	271, 288	4337N-WH-FM	257, 276	5001WHZ-FM	293
4301SQ-BL-FM	271, 288	4337SQ-BL	268, 285	5001WHZ-SF	293
4301SQ-WH	271, 288	4337SQ-BL-FM	268, 285	5001W-SF	293
4301SQ-WH-FM	271, 288	4337SQ-WH	268, 285	5002B-FM	292
4302N-BL	262, 281	4337SQ-WH-FM	268, 285	5002B-SF	292
4302N-BL-FM	262, 281	4345N-BL	260, 278	5002C-FM	292
4302N-WH	262, 281	4345N-BL-FM	260, 278	5002C-SF	292
4302N-WH-FM	262, 281	4345N-WH	260, 278	5002HZ-FM	292
4302SQ-BL	271, 288	4345N-WH-FM	260, 278	5002HZ-SF	292
4302SQ-BL-FM	271, 288	4349NB	279	5002SQBHZ-FM	298
4302SQ-WH	271, 288	4349NB-WH	279	5002SQBHZ-SF	298
4302SQ-WH-FM	271, 288	4401-ABZ	33	5002SQHZ-FM	298
4307N-BL	257, 276	4401-SC	33	5002SQHZ-SF	298
4307N-WH	257, 276	4401-WH	33	5002SQW-FM	298
4307SQ-BL	268, 285	4402-ABZ	33	5002SQWHZ-FM	298
4307SQ-BL-FM	268, 285	4402-SC	33	5002SQWHZ-SF	298
4307SQ-WH	268, 285	4402-WH	33	5002SQW-SF	298
4307SQ-WH-FM	268, 285	4403FROST-SC	33	5002W-FM	292
4308N-BL	260, 279	4403FROST-WH	33	5002WHZ-FM	292
4308N-BL-FM	260, 279	4404HZ-SC	33	5002WHZ-SF	292
4308N-WH	260, 279	4404WHZ-ABZ	33	5002W-SF	292
4308N-WH-FM	260, 279	4450MESH-SC	34	5007B-FM	292
4308SQ-BL	269, 286	4480FROST	34	5007B-SF	292
4308SQ-BL-FM	269, 286	4481CLEAR	34	5007C-FM	292
4308SQ-WH	269, 286	5000B-FM	293	5007C-SF	292
4308SQ-WH-FM	269, 286	5000B-SF	293	5007HZ-FM	292
4331N-ABZ	262, 281	5000C-FM	293	5007HZ-SF	292
4331N-BL	262, 281	5000C-SF	293	5007SQBHZ-FM	298
4331N-BL-FM	262, 281	5000HZ-FM	293	5007SQBHZ-SF	298
4331N-SC	262, 281	5000HZ-SF	293	5007SQHZ-FM	298
4331N-WH	262, 281	5000SQBHZ-FM	299	5007SQHZ-SF	298
4331N-WH-FM	262, 281	5000SQBHZ-SF	299	5007SQW-FM	298
4331SQ-BL	270, 288	5000SQHZ-FM	299	5007SQWHZ-FM	298
4331SQ-BL-FM	270, 288	5000SQHZ-SF	299	5007SQWHZ-SF	298
4331SQ-WH	270, 288	5000SQW-FM	299	5007SQW-SF	298
4331SQ-WH-FM	270, 288	5000SQWHZ-FM	299	5007W-FM	292
4332N-ABZ	261, 280	5000SQWHZ-SF	299	5007WHZ-FM	292
4332N-BL	261, 280	5000SQW-SF	299	5007WHZ-SF	292
4332N-BL-FM	261, 280	5000W-FM	293	5007W-SF	292
4332N-SC	261, 280	5000WHZ-FM	293	5008B-FM	293
4332N-WH	261, 280	5000WHZ-SF	293	5008B-SF	293
4332N-WH-FM	261, 280	5000W-SF	293	5008C-FM	293
4332SQ-BL	270, 287	5001B-FM	293	5008C-SF	293
4332SQ-BL-FM	270, 287	5001B-SF	293	5008HZ-FM	293
4332SQ-WH	270, 287	5001C-FM	293	5008HZ-SF	293
4332SQ-WH-FM	270, 287	5001C-SF	293	5008SQBHZ-FM	299
4335N-ABZ	259, 278	5001HZ-FM	293	5008SQBHZ-SF	299
4335N-BL	259, 278	5001HZ-SF	293	5008SQHZ-FM	299

Product	Page	Product	Page	Product	Page
5008SQHZ-SF	299	5308BHZ-WH-SF	293	ACF16	682, 683, 684
5008SQW-FM	299	5308SQ-BL-FM	299	ACG	729
5008SQWHZ-FM	299	5308SQ-BL-SF	299	ACG-A-WG	729
5008SQWHZ-SF	299	5308SQ-WH-FM	299	ACG-C-WG	729
5008SQW-SF	299	5308SQ-WH-SF	299	AF	770
5008W-FM	293	6033B-WH	185	AF2-10	232-235, 240-243, 248, 250
5008WHZ-FM	293	6033W-WH	185, 190	AF2-20	232-235, 240-243, 248, 250
5008WHZ-SF	293	6101-ABZ	142, 150, 156, 219	AF2-40	232-235, 240-243, 248, 250
5008W-SF	293	6101-SC	142, 150, 156, 219	AF2-50	232-235, 240-243, 248, 250
5009B-FM	294	6101-WH	142, 150, 156, 219	AF2-90x1	232-235, 240-243, 248, 250
5009B-SF	294	6330B-WH	185	AF3-10	253-256, 265-267
5009C-FM	294	6330W-WH	185, 190	AF3-20	253-256, 265-267
5009C-SF	294	9024W-WH	143, 165, 171, 220	AF3-30	253-256, 265-267
5009HZ-FM	294	8060-120V	1132	AF3-40	253-256, 265-267
5009HZ-SF	294	9324-SC	143, 165, 171, 220	AF3-50	253-256, 265-267
5009SQBHZ-FM	300	9524-SC	143, 165, 171, 220	AF3-60x1	253-256, 265-267
5009SQBHZ-SF	300	9702	143, 165, 171, 220	AF4-10	291, 297
5009SQHZ-FM	300	9900-WH	150, 156, 165	AF4-20	291, 297
5009SQHZ-SF	300	A1	827	AF4-40	291, 297
5009SQW-FM	300	A1B	825	AF4-50	291, 297
5009SQWHZ-FM	300	A1-HS	825	AF4-60x1	291, 297
5009SQWHZ-SF	300	A1-HSS	827, 829	AF4-80	291, 297
5009SQW-SF	300	A1-LS	825, 827, 829	AF-BC	770
5009W-FM	294	A2	827	ALG5	113, 117, 122, 129, 222
5009WHZ-FM	294	A2B	825	ALG5R	114, 118, 123, 130, 222
5009WHZ-SF	294	A2-HS	825	ALG6	145, 151, 157, 166, 172,
5009W-SF	294	A2-HSS	827, 829	ALG6R	176, 223
5101-ABZ	111, 121, 213	A2-LS	825, 827, 829	ALG926	223
5101-SC	111, 121, 213	A4	636, 637	ALG928	223
5101-WH	111, 121, 213	A4-277	636, 637	AMAA	825
5301BHZ-BL-FM	293	A6	640, 641	AP1	829
5301BHZ-BL-SF	293	A6-277	640, 641	AP2	829
5301BHZ-WH-FM	293	A6-2772	640	APTF	823, 825, 827, 829
5301BHZ-WH-SF	293	A6-2773	641	ARPA34	823, 825, 827, 829
5301SQBHZ-BL-FM	299	A6H	639	ARPA56	823, 825, 827, 829
5301SQBHZ-BL-SF	299	A6H-277	639	AW	787
5301SQBHZ-WH-FM	299	A8	643-645	AWB	785
5301SQBHZ-WH-SF	299	A8-277	643-645	AWMB	823, 825, 827, 829
5302BHZ-BL-FM	292	A8-2772	643, 644	AWPG	785, 787
5302BHZ-BL-SF	292	A8-2773	645	AWSS	785, 787
5302BHZ-WH-FM	292	A400	636	AWWG	785, 787
5302BHZ-WH-SF	292	A400B	636	BBD4	524, 525, 526
5302SQBHZ-BL-FM	298	A600-A19	640	BBD6	527, 528, 529
5302SQBHZ-BL-SF	298	A600-A21	640	BBD8	530-532
5302SQBHZ-WH-FM	298	A600B-A19	640	BBDRM4	533-535
5302SQBHZ-WH-SF	298	A600B-A21	640	BBDRM6	536-538
5307BHZ-BL-FM	292	A600WS-A19	640	BBDRM8	539-541
5307BHZ-BL-SF	292	A600WS-A21	640	BBDRM8	539-541
5307BHZ-WH-FM	292	A650	639	BBDRT6	542-544
5307BHZ-WH-SF	292	A650WS	639	BBDRT8	545-547
5307SQ-BL-FM	298	A800-A21	643	BET5-2-U	1158
5307SQ-BL-SF	298	A800-A23	643	BET5HO	1158, 1161
5307SQ-WH-FM	298	A800B-A23	643, 644	BP-FRTM	361
5307SQ-WH-SF	298	A800LC-A23	644	C	519, 521, 523
5308BHZ-BL-FM	293	A800WS-A21	643	C4V-113T	572
5308BHZ-BL-SF	293	A800WS-A23	643	C4V-118T	572
5308BHZ-WH-FM	293	AB	732	C4V-126T	572

Product	Page	Product	Page	Product	Page
C6AW-126/42T	589	C600	573, 574	C852WS	590, 595
C6H-113Q	585, 586	C600-42	576	C852X	593, 597
C6H-118Q	585, 586	C600B	573-575	C900	583
C6H-126/42T	587, 588	C600B-42	576, 577	C900B	583, 584
C6H-126Q	585, 586	C600LC	575	C900LC	584
C6H-213Q	585, 586	C600LC-42	577	C900WC	583
C6H-218Q	585, 586	C600WC	574	C900WD	583
C6H-226Q	585, 586	C600WC2	573	C900WS	583
C6V-113Q	573	C600WC-42	576	C952	599, 600
C6V-118Q	573	C600WD	573, 574	C952B	599, 600
C6V-126/42T	574-577	C600WD-42	576	C952B-T	601
C6VW-113Q	573	C600WS	573, 574	C952LC-T	601
C6VW-118Q	573	C600WS-42	576	C952-T-CL-FD	602
C6VW-126/42T	574, 576	C600X	573, 574	C952-T-WTL-FD	602
C6WL	589	C600X-42	576	C952WS	599, 600
C8AW-126/42T	598	C650	585, 587	C952X	603
C8AW-218Q	594	C650B-Q	585, 586	C1252-T	605
C8AW-226Q	594	C650B-T	587, 588	C-CSK	771
C8H-118Q	590, 591	C650LC-Q	586	CFB	732
C8H-126/42T	595, 596	C650LC-T	588	CLS1M	1006
C8H-126Q	590, 591	C650WS	585, 587	CLS2M	1006
C8H-218Q	590, 591	C650X-Q	585	CLS3M	1006
C8H-226/42T	595, 596	C650X-T	587	CLS4M	1006
C8H-226Q	590, 591	C652	585	CLS5M	1006
C8HD-118Q	592	C652B-Q	585, 586	CLS6	1006
C8HD-126Q	592	C652LC-Q	586	CLS6F	1006
C8HD-218Q	592	C652WS	585	CLS6M	1006
C8HD-226Q	592	C652X-Q	585	CLS7	1006
C8HX-218Q	593	C800	578, 579	CLS7F	1006
C8HX-226/42T	597	C800-42	581	CLS7M	1006
C8HX-226Q	593	C800B	578-580	CLS8	1006
C8V-118Q	578	C800B-42	581, 582	CLS8F	1006
C8V-126/42T	579, 580, 581, 582	C800LC	580	CLS8M	1006
C8V-126Q	578	C800LC-42	582	CLS9	1006
C8VW-118Q	578	C800W-42	581	CLS9F	1006
C8VW-126/42T	579, 581	C800WC	578, 579	CLS9M	1006
C8VW-126Q	578	C800WC-42	581	CLS10	1006
C8WL 594,	598	C800WD	578, 579	CLS10F	1006
C9A	604	C800WD-42	581	CLS10M	1006
C9AW-226/42T	604	C800WS	578, 579	CLS11	1006
C9H-118Q	599	C800WS-42	581	CLS11F	1006
C9H-126/42T	600	C800X	578, 579	CLS11M	1006
C9H-126Q	599	C850	590, 595	CLS12	1006
C9H-218Q	599	C850B-Q	590, 591	CLS12F	1006
C9H-226/42T	600, 601	C850B-T	595, 596	CLS12M	1006
C9H-226Q	599	C850LC-Q	591	CLS13	1006
C9HD-126/42T	602	C850LC-T	596	CLS13F	1006
C9HD-226/42T	602	C850-Q-CL-FD	592	CLS14	1006
C9HX-226/42T	603	C850-Q-CL-FD2	592	CLS14F	1006
C9V-126/42T	583, 584	C850WS	590, 595	CLS15	1006
C9VW-126/42T	583	C852	590, 595	CLS15F	1006
C12H-170T	605	C852B-Q	590, 591	CLS16	1006
C12H-185T	605	C852B-T	595, 596	CLS16F	1006
C12H-257T	605	C852LC-Q	591	CLS17	1006
C400	572	C852LC-T	596	CLS17F	1006
C400B	572	C852-Q-CL-FD	592	CLS18	1006
C400WS	572	C852-Q-CL-FD2	592	CLS18F	1006

Product	Page	Product	Page	Product	Page
CLS19	1006	CSB-400HSS	830	DC381	685
CLS19F	1006	CSB-1000HSS	830	DC381-70EMH	681
CLS20	1006	CSB-LS400	830	DC381-100EMH	681
CLS20F	1006	CSB-LS1000	830	DC381-NT	686
CLS21	1006	CSB-WB	830	DC382	685
CLS21F	1006	CT4	548-550	DC382-70EMH	681
CLS22	1006	CT6	551-553	DC382-100EMH	681
CLS22F	1006	CT8	554-556	DC382-NT	686
CLS23	1006	CTA2-120	232, 233	DC383	685
CLS23F	1006	CTA2-150	232, 233	DC383-70EMH	681
CLS24	1006	CTA4N-125	253, 255, 256	DC383-100EMH	681
CLS24F	1006	CTA4N-163	253, 255, 256	DC383-NT	686
CLS25	1006	CTA4N-200	253, 255, 256	DCBT	676, 677
CLS25F	1006	CTA4SQ-125	265, 266, 267, 282	DCS16	672, 673
CLS26	1006	CTA4SQ-163	265, 266, 267, 282	DCS30	674, 675
CLS26F	1006	CTA4SQ-200	265, 266, 267, 282	DCT4	676, 677
CLS27	1006	CTA5N-125	291	DCT6	678, 679
CLS27F	1006	CTA5N-163	291	DCTM	676, 677
CLS28	1006	CTA5N-200	291	DCX161	683
CLS28F	1006	CTA5SQ-125	297	DCX162	683
CLS29	1006	CTA5SQ-163	297	DCX163	683
CLS29F	1006	CTA5SQ-200	297	DF2	1158
CLS30	1006	CTASQ2-120	240, 241, 248, 250	DF3	1158
CLS30F	1006	CTASQ2-150	240, 241, 248, 250	DF4	1158
CLS31	1006	CTRM4	557-559	DL	725, 727
CLS31F	1006	CTRM6	560-562	DL-SS	725
CLS32	1006	CTRM8	563-565	DL2	1156
CLS32F	1006	CTRT6	566-568	DL3	1156
CLS33	1006	CTRT8	569-571	DL4	1156
CLS33F	1006	CTTOOL	548-571	DL17-WG	725
CLS34	1006	DC161	682	DL22-WG	725
CLS34F	1006	DC161-NT	684	DL101-E	1154
CLS35	1006	DC162	682	DL101-P	1154
CLS35F	1006	DC162-NT	684	DL101-TB	1154
CLS36	1006	DC163	682	DL102-EE	1154
CLS36F	1006	DC163-NT	684	DL102-FLX2	1154
CLS37	1006	DC201	685	DL102-FLX37	1154
CLS37F	1006	DC201-39EMH	680	DL103-AME48-S	1154
CLS38	1006	DC201-NT	686	DL103-AME96-S	1154
CLS38F	1006	DC202	685	DL103-MB001	1154
CLS39	1006	DC202-39EMH	680	DL103-MS48-S	1154
CLS39F	1006	DC202-NT	686	DL103-MS96-S	1154
CLS40	1006	DC203	685	DL106-840-C	1154
CLS40F	1006	DC203-39EMH	680	DL106-840-F	1154
CLS41	1006	DC203-NT	686	DL106-850-C	1154
CLS41F	1006	DC301	685	DL106-850-F	1154
CLS42	1006	DC301-39EMH	681	DL106-930-C	1154
CLS42F	1006	DC301-70EMH	681	DL106-930-F	1154
COD	797, 801	DC301-NT	686	DL112-840-C	1154
COS	796, 799	DC302	685	DL112-840-F	1154
COU	796	DC302-39EMH	681	DL112-850-C	1154
CP6	38, 39	DC302-70EMH	681	DL112-850-F	1154
CPL	778	DC302-NT	686	DL112-930-C	1154
CSB2	830	DC303	685	DL112-930-F	1154
CSB3	830	DC303-39EMH	681	DLD-25E	1160
CSB3-1000AM	830	DC303-70EMH	681	DLD-25E-DIM	1160
CSB4	830	DC303-NT	686	DLD-60E	1156, 1160

Product	Page
DLD-60E-DIM	1156, 1160
DLD-96E	1156, 1160
DLD-96E-DIM	1156, 1160
DM	361
DM-D1	361
DM-PD	361
DR	789, 791, 793, 795
DS	789, 791, 793
DT	789, 791, 799
DWA	810
DWF	397, 398
DWF-BL	397, 398
DZ	789, 791, 793, 795
E2	745, 747, 749
E3	739, 741, 743, 751, 753,
.	755, 757, 759, 761, 763,
.	765, 767
EAB	732
E-CSK	771
EHF75SS	727
EHK75SS	715, 717, 727
ELF4	736, 779
ELF8	779
ELFNARROWHNGKT	779
ELF-NARROW-SSL	779
ELFPLUGWT	779
ELF-WIDE-HNGKT	736
EMI-20	232, 234, 235, 240-243,
.	248, 250, 253-256, 265-267,
.	291, 297
EW1	815
EW1KNCLBZ	815
EW1SFBZ	815
EW1TRNBZ	815
EW2	815
EW2SFBZ	815
EW2TRNBZ	815
EWSFCBxBZ	815
F24T5	1158, 1161
F39T5	1158, 1161
F54T5	1158, 1161
FD14	369
FD16	370
FD18	371
FD19	372
FD26	366
FD28	367
FD59	368
FDSQ14	380
FDSQ16	381
FDSQ24	382
FDSQ26	383
FDSQ58	384
FLC	849
FLC-CA	849
FLC-LS	849
FLC-TA	849

Product	Page
FLC-TV	849
FLM	848
FLM-CA	848
FLM-LS	848
FLM-TA	848
FLM-TV	848
FMA2	.232, 233
FMA2R	.234, 235
FMA4	.252, 255, 256, 272, 273, 275
FMA4-SC087	.252, 255, 256, 272, 273, 275
FMA4-SC125	.252, 255, 256, 272, 273, 275
FMA4-SC163	.252, 255, 256, 272, 273, 275
FMA5	290
FMA5-SC087	290
FMA5-SC125	290
FMA5-SC163	290
FMASQ2	.240, 241
FMASQ2-2	248
FMASQ2-3	250
FMASQ2R	.242, 243
FMASQ4	.264, 266, 267, 282-284
FMASQ4-SC100	.264, 266, 267, 282-284
FMASQ4-SC138	.264, 266, 267, 282-284
FMASQ4-SC175	.264, 266, 267, 282-284
FMASQ5	296
FMASQ5-SC100	296
FMASQ5-SC138	296
FMASQ5-SC175	296
FT-1000AM	830
FW14	376
FW16	377
FW18	378
FW19	379
FW26	373
FW28	374
FW59	375
FWSQ14	388
FWSQ16	389
FWSQ24	390
FWSQ26	391
FWSQ58	392
G11	224
G20-240	224
G21-241	224
G24	225
G60	224
G61	224
G70	224
G71	224
G92	225

Product	Page
G93	225
G94	225
G99	225
GCF16	682-684
GES15	1058, 1063
GU10-WHIP	92-96, 222
H1	719
H1SH5	719
H1YT20	719
H38	771
H75	771
HA54	410
HA56	411
HA58	412
HA74	408
HA76	409
HAB4	413
HAB6	414
HAB8	415
HASQ54	424
HASQ56	425
HASQ74	422
HASQ76	423
HASQB4	426
HASQB6	427
HB-1	210-212, 215-217, 225, 253, 255, 256, 265-267, 291, 297
HB-4	572-575, 585-589, 639-642, 647, 649-653, 680-683, 685, 693-702
HB-26	210-212, 215-217, 225, 253, 255, 256, 265-267, 291, 297
HB-28	340-359, 447, 449, 451, 453, 455, 457, 459, 461, 463, 465, 467, 469, 514-516, 524-532, 548-556, 572-597, 603-605, 608-670, 672, 674, 676, 678, 680-688, 690-702
HB-50	210-212, 215-217, 225, 253, 255, 256, 265-267, 291, 297
HB-52	340-359, 447, 449, 451, 453, 455, 457, 459, 461, 463, 465, 467, 469, 514-516, 524-532, 548-556, 572-597, 603-605, 608-670, 672, 674, 676, 678, 680-688, 690-702
HB1	731
HB5	725, 727, 731
HB-BSC10	725, 727, 729, 731
HB-BSC20	725, 727, 729, 731
HBPH	725, 729, 731
HB-RSC	725, 729, 731

Product	Page	Product	Page	Product	Page
HB-SS	731	IC1LEDG4	66	IC23R-LEDT24	57, 58, 60-63, 65
HB-TL	340-359, 447, 449, 451, 453, 455, 457, 459, 461, 463, 465, 467, 469, 514-516, 524-532, 548-556, 572-597, 603-605, 608-670, 672, 674, 676, 678, 680-688, 690-702	IC1-LEDT24	48, 49, 51	IC23W	172
HCL16	682-684	IC1LWDG4N	68	IC23WG	172
HD54	402	IC1P	93	IC25	129
HD56	403	IC1PG	93	IC25G	129
HD58	404	IC1RALEDG4	83	IC25R	130
HD74	400	IC1RLEDG4	67	IC25S	129
HD76	401	IC1R-LEDT24	48, 49, 52	IC25SG	129
HDB4	405	IC1RLWDG4N	69	IC25W	129
HDB6	406	IC1S	92	IC25WG	129
HDB8	407	IC1SG	92	IC43N	272
HDSQ54	418	IC1W	92	IC43SQ	282
HDSQ56	419	IC1WG	92	IC43T	256
HDSQ74	416	IC2	157	IC43TSQ	267
HDSQ76	417	IC2G	157	IC44N	28
HDSQB4	420	IC2W	157	IC44NG	28
HDSQB6	421	IC2WG	157	IC44S	28
HF75SS	725, 729, 731	IC4AL	76	IC44SG	28
HILOOCSENSW	827, 829, 830	IC4RAL	77	IC44W	28
HK75SS	711, 713, 725, 729, 731	IC6	207	IC44WG	28
HK75SSB	719	IC7	208	IC49T	256
HTCLO.5	1062	IC13N	275	IC49TSQ	267
HTCLO.25	1062	IC13SQ	284	IC91LEDG4	70
HTCLO.75	1062	IC20	122	IC91LWDG4	72
HTCL1.00	1062	IC20G	122	IC91RLEDG4	71
HTCL2.50	1062	IC20LEDG4	102	IC91RLWDG4	73
HTCL5.00	1062	IC20-LEDT24	53-55	IC104AL	78
HTCL7.50	1062	IC20LWDG4N	104	IC113LED	203
HTCL10.0	1062	IC20N	122	IC115LEDHSG	201, 202, 816, 817
HTCL15.0	1062	IC20NG	122	IC115LEDPM	201, 816
HTEK11	1061, 1065	IC20NW	122	IC207LA	233
HTEK11CL	1062	IC20NWG	122	IC207LD	232
HTEK12	1061, 1065	IC20R	123	IC207LSQ	248, 250
HTEK12CL	1062	IC20RLEDG4	103	IC207LSQA	241
HTEK14	1061, 1065	IC20R-LEDT24	53, 54, 56	IC207LSQAD	240
HTEK21	1061, 1065	IC20RLWDG4N	105	IC210LA	233
HTEK24	1062	IC20S	122	IC210LD	232
HTEK34	1062, 1065	IC20SG	122	IC210LSQA	241
HTEK38	1062, 1065	IC20W	122	IC210LSQD	240
HTEK39	1062, 1065	IC20WG	122	IC408L	252
HTEK40	1062, 1065	IC21	176	IC408LP	255
HTEK41	1063	IC21G	176	IC408LPSQ	266
HTEK44	1061	IC21R	177	IC408LR	254
HTEK48	1061	IC22	166	IC408LSQ	264
HTEK412	1061	IC22G	166	IC412L	252
HWSQ54	430	IC22LEDG4	132	IC412LP	255
HWSQ56	431	IC22LWDG4N	134	IC412LPSQ	266
HWSQ74	428	IC22R	167	IC412LSQ	264
HWSQ76	429	IC22RLEDG4	133	IC415L	252
IC1	92	IC22RLWDG4N	135	IC415LP	255
IC1ALEDG4	82	IC22S	166	IC415LPSQ	266
IC1G	92	IC22SG	166	IC415LSQ	264
		IC22W	166	IC420L	252
		IC22WG	166	IC420LSQ	264
		IC23	172	IC512L	290
		IC23G	172	IC512LSQ	296
		IC23-LEDT24	57, 58, 60-64	IC517L	290

Product	Page	Product	Page	Product	Page
IC517LSQ	296	ICPL926R-32N-DB120	187	L800B	465, 485, 523, 531,
IC522L	290	ICPL928-42	188	. . . . .	540, 555, 564
IC522LSQ	296	ICPL928-42-DB120	188	L800H	463, 483, 523, 530,
IC527L	290	ICPL928R-32	189	. . . . .	539, 554
IC527LSQ	296	ICPL928R-32N-DB120	189	L800HN	463, 483, 523, 530, 539
IC920LEDG4	106	ICTC113	206	L800HW	463, 483, 523, 530,
IC920LWDG4	108	IL1	717	. . . . .	539, 554, 563
IC920RLEDG4	107	IL2	717	L800HWS	467, 479, 487, 523
IC920RLWDG4	109	IL-WG	713, 717	L800P	465, 485, 523, 531,
IC922LEDG4	136	IPMS-HB	736, 779	. . . . .	540, 555, 564
IC922LWDG4	138	IPMS-LB	736, 779	L800WC	469, 489, 523
IC922RLEDG4	137	IS1	714	L800WD	469, 489, 523
IC922RLWDG4	139	IS2	714	L800WS	469, 489, 523, 532,
IC926	191	IS-WG	711, 715	. . . . .	541, 556, 565
IC926LED9G4	179	J6RLEG4	62, 64, 65	LA1	819
IC926LED14G4	181	J6RLEWDG4N	63-65	LA2	819
IC926LWD9G4	180	J6RLG4	60, 64, 65	LA4	514
IC926W	191	J6RLTRIM	60, 61	LA6	515
IC928	195	J6RLWDG4N	61, 64, 65	LA8	516
IC928LED9G4	182	JC3-8	1142-1145	LA400	514
IC928LED14G4	184	JC3-17	1142-1145	LA600	515
IC928LWD9G4	183	JC3-26	1142-1145	LA800	516
IC928W	195	JLG-B100	1051, 1108, 1117	LAB	821
IC943T	256	L Series	1155	LB-27	210-212, 215-217, 225, 253,
IC943TSQ	267	L4	447, 449, 451, 453	. . . . .	255, 256, 265-267, 291,
IC1420LEDG4	110	L6	455, 459, 457	. . . . .	297, 447, 449, 451, 453,
IC1422LEDG4	140	L8	463, 465, 467, 469	. . . . .	455, 457, 459, 461, 463,
ICPL418E	87	L400B	449, 471, 519, 525,	. . . . .	465, 467, 469, 514-516,
ICPL418RE	88	. . . . .	534, 549, 558	. . . . .	548, 549-556, 572-605,
ICPL426E	84	L400H	447, 519, 524, 533,	. . . . .	608-669, 672, 674, 676,
ICPL426EN	84	. . . . .	548, 557	. . . . .	678, 680-688, 690-702
ICPL426EN-DB120	84	L400HN	447, 470, 519, 533,	LBCF16	682-684
ICPL518E	117	. . . . .	548, 557	LC4	519
ICPL518RE	118	L400HW	447, 470, 519, 524,	LC6	521
ICPL526E	113	. . . . .	533, 548	LC8	523
ICPL526E-DB120	113	L400HWS	451, 472, 519	LEDOPTIC2	42-45
ICPL526EN	113	L400P	449, 471, 519, 525,	LEDOPTICG3-M	62, 63, 102-110,
ICPL526EN-DB120	113	. . . . .	534, 549, 558	. . . . .	132-140, 210-212,
ICPL526RE	114	L400WC	453, 473, 519	. . . . .	215-217, 224
ICPL526REN	114	L400WD	453, 473, 519	LEDOPTICG3-N	62, 102, 103, 106,
ICPL526REN-DB120	114	L400WS	453, 473, 519, 526,	. . . . .	107, 110, 132, 133,
ICPL618E	151	. . . . .	535, 550, 559	. . . . .	136, 137, 140, 210,
ICPL618RE	152	L600B	457, 521, 528, 537,	. . . . .	211, 212, 215- 217,
ICPL626E	145	. . . . .	552, 561	. . . . .	224
ICPL626E-DB120	145	L600H	455, 475, 521, 527,	LEDOPTICG3-S	62, 102, 103, 106, 107,
ICPL626EN	145	. . . . .	536, 551, 560, 563	. . . . .	110, 132, 133, 136, 137,
ICPL626EN-DB120	145	L600HN	455, 475, 521, 536,	. . . . .	140, 210-212, 215-217,
ICPL626RE	146	. . . . .	551, 560, 563	. . . . .	224
ICPL626REN	146	L600HW	455, 475, 521, 527,	LF1	841
ICPL626REN-DB120	146	. . . . .	536, 551, 560	LF2	841
ICPL632E	144	L600HWS	459, 521	LFB	843
ICPL632E-DB120	144	L600P	457, 521, 528, 537,	LFC	434-436
ICPL632EN-DB120	144	. . . . .	552, 561	LH1	713
ICPL813	204	L600WC	461, 481, 521	LH2	713
ICPL926-42	186	L600WD	461, 481, 521	LMS	199
ICPL926-42-DB120	186	L600WS	461, 481, 521, 529,	LMSW	200
ICPL926R-32	187	. . . . .	538, 553, 562	LPACG	729

Product	Page	Product	Page	Product	Page
LPDL	725, 727	M4-P20-39E	610	M6PD-P20-39E	657
LPHB1	731	M4-P20-39M	610	M6PD-P20-39M	657
LRM4	470-473	M4-T4-20E	608	M6SR-P20-39E	658
LRM6	475, 477, 479, 481	M4-T4-39E	608	M6SR-P20-39M	658
LRM8	483, 485, 487, 489	M4-T4-70E	608	M6-T4-20E	611
LRT6	491, 493, 495	M4-T6-20E	609	M6-T4-39E	611
LRT8	497, 499, 501	M4-T6-39E	609	M6-T4-70E	611
LRT9	503, 505, 507	M4-T6-70E	609	M6-T6-20E	612
LRT10	509	M4-TM-20E	608	M6-T6-39E	612
LRT12	511, 513	M4-TM-39E	608	M6-T6-70E	612
LRT600B	493, 543, 567	M6A-BT-20E1	629	M6-T6-150E1	612
LRT600H	491, 542, 566	M6A-P30-39E	631	M6-T6-150E2	612
LRT600HN	491, 542	M6A-P30-39M	631	M6-TM-20E	611
LRT600HW	491, 542	M6A-P38-70E	631, 632	M6-TM-39E	611
LRT600P	493, 543, 567	M6A-P38-70M	631, 632	M8A-P30-39E	634
LRT600WS	495, 544, 568	M6A-P38-100E	631, 632	M8A-P30-39M	634
LRT800B	499, 546, 570	M6A-P38-100M	631, 632	M8A-P38-70E	634, 635
LRT800H	497, 545, 569	M6A-P38-150E120	631, 632	M8A-P38-70M	634, 635
LRT800HN	497, 545	M6A-P38-150E277	631, 632	M8A-P38-100E	634, 635
LRT800HW	497, 545	M6A-P38-150M	631, 632	M8A-P38-100M	634, 635
LRT800P	499, 546, 570	M6A-T4-20E	629	M8A-P38-150E120	634, 635
LRT800WS	501, 547, 571	M6A-T4-39E	629	M8A-P38-150E277	634, 635
LRT900H	503	M6A-T4-70E	629	M8A-P38-150M	634, 635
LRT900HN	503	M6A-T6-20E	630	M8A-T6-39E	633
LRT900HW	503	M6A-T6-39E	630	M8A-T6-70E	633
LRT900P	505	M6A-T6-70E	630	M8A-T6-150E1	633
LRT1000H	507	M6A-T6-150E1	630	M8A-T6-150E2	633
LRT1000HN	507	M6A-T6-150E2	630	M8AW-P38-70E	625
LRT1000HW	507	M6A-TM-20E	629	M8AW-P38-70M	625
LRT1000P	509	M6A-TM-39E	629	M8AW-P38-100E	625
LRT1200H	511	M6AW-BT-20E1	621	M8AW-P38-100M	625
LRT1200HN	511	M6AW-P38-70E	623	M8AW-P38-150E120	625
LRT1200HW	511	M6AW-P38-70M	623	M8AW-P38-150E277	625
LRT1200P	513	M6AW-P38-100E	623	M8AW-P38-150M	625
LV12A-WH	731, 741, 745, 751	M6AW-P38-100M	623	M8AW-T6-39E	624
LV12S-SR	743, 745, 751	M6AW-P38-150E120	623	M8AW-T6-70E	624
LV16A-WH	731, 741, 747, 753	M6AW-P38-150E277	623	M8AW-T6-150E1	624
LV16G-WH	739, 747, 753	M6AW-P38-150M	623	M8AW-T6-150E2	624
LV16S-SR	743, 747, 753	M6AW-T4-20E	621	M8-EDS-50E	619
LV22A-WH	731, 741, 749, 755	M6AW-T4-39E	621	M8-EDS-50M	619
LV22S-SR	743, 749, 755	M6AW-T4-70E	621	M8-EDS-70E	617, 619
LV25A-WH	731	M6AW-T6-20E	622	M8-EDS-70M	617, 619
LW1	781	M6AW-T6-39E	622	M8-EDS-100E	617, 619
LW2	781	M6AW-T6-70E	622	M8-EDS-100M	617, 619
LWB	783	M6AW-T6-150E1	622	M8-EDS-150E120	617, 619
M4A-BT-20E1	626	M6AW-T6-150E2	622	M8-EDS-150E277	617, 619
M4A-P20-39E	628	M6AW-TM-20E	621	M8-EDS-150M	617, 619
M4A-P20-39M	628	M6AW-TM-39E	621	M8HD-T6-39E	615
M4A-T4-20E	626	M6-BT-20E1	611	M8HD-T6-70E	615
M4A-T4-39E	626	M6-EDS-50E	614	M8HD-T6-150E1	615
M4A-T4-70E	626	M6-EDS-50M	614	M8HD-T6-150E2	615
M4A-T6-20E	627	M6-EDS-70E	613, 614	M8-P30-39E	617
M4A-T6-39E	627	M6-EDS-70M	613, 614	M8-P30-39M	617
M4A-T6-70E	627	M6-EDS-100E	613, 614	M8PD-P30-39E	659
M4A-TM-20E	626	M6-EDS-100M	613, 614	M8PD-P30-39M	659
M4A-TM-39E	626	M6-P30-39E	613	M8PD-P30-70E	659
M4A-TM-39E	626	M6-P30-39M	613	M8PD-P30-70M	659
M4-BT-20E1	608				

Product	Page	Product	Page	Product	Page
M8PD-P38-70E	661	MJA	1156	MLTQJ75	1051
M8PD-P38-70M	661	ML4	1046	MLTQJL75	1051
M8PD-P38-100E	661	ML8	1046	MP400AB-P20-B	628
M8PD-P38-100M	661	MLE	1046	MP400A-P20	628
M8PD-P38-150E120	661	MLE2	1046	MP400-P20	610
M8PD-P38-150E277	661	MLF-EXT12	1051	MP400PIN-P20-W	628
M8PD-P38-150M	661	MLF-EXT24	1051	MP400SLT-P20-W	628
M8SR-P30-39E	660	MLF-EXT36	1051	MP600A-P38	631
M8SR-P30-39M	660	MLF-EXT48	1051	MP600-P38	613
M8SR-P30-70E	660	MLJ1	1046	MP600SB-P38	632
M8SR-P30-70M	660	MLJ2	1046	MP600SC-P38	632
M8SR-P38-70E	662	MLJ3	1047	MP800-P38	617
M8SR-P38-70M	662	MLJ4	1047	MS120-70EMH	694
M8SR-P38-100E	662	MLJ6	1047	MS120-100EMH	694
M8SR-P38-100M	662	MLKD1	1053	MS122	698
M8SR-P38-150E120	662	MLKD2	1053	MS124	696
M8SR-P38-150E277	662	MLKD3	1053	MS161	699
M8SR-P38-150M	662	MLKD4	1053	MS161-20H	692
M8-T6-39E	616	MLKS1	1052	MS161-39H	692
M8-T6-70E	616	MLKS2	1052	MS162	699
M8-T6-150E1	616	MLKS3	1052	MS162-20H	692
M8-T6-150E2	616	MLKSA	1052	MS162-39H	692
M10-EDS-100E	620	MLP1J1	1050	MS163	699
M10-EDS-100M	620	MLP1J1-2	1050	MS163-20H	692
M10-EDS-150E120	620	MLP1J1-12	1050	MS163-39H	692
M10-EDS-150E277	620	MLP1J1-24	1050	MS256	697
M10-EDS-150M	620	MLP1J1-36	1050	MS257	695
M10-EDS-175M-120	620	MLP1J1-48	1050	MS257BT	695
M10-EDS-175M-277	620	MLP1J4	1050	MS257TM	695
M10-EDS-250M-120	620	MLP1J4-2	1050	MS301	700
M10-EDS-250M-277	620	MLP1J4-12	1050	MS301-39EMH	693
M600B	614	MLP1J4-24	1050	MS301-70EMH	693
M600LC	614	MLP1J4-36	1050	MS302	700
M800B	619	MLP1J4-48	1050	MS302-39EMH	693
M800LC	619	MLP104	1050	MS302-70EMH	693
M1001B	620	MLP112	1050	MS303	700
M1001LC	620	MLP140	1050	MS303-39EMH	693
M1002B	620	MLP142	1050	MS303-70EMH	693
M1002LC	620	MLP144	1050	MS381-BL	701
MBCF16	682-684	MLP146	1050	MS381-WH	701
MD1LG2	38	MLP148	1050	MS382-BL	701
MD1LWG2	38	MLP150	1050	MS382-WH	701
MD8-P30/38-70E	618	MLP164	1049	MS570BL	700
MD8-P30/38-70M	618	MLP165	1049	MS580BL	701
MD8-P30-39E	618	MLP166	1049	MSBT	690
MD8-P30-39M	618	MLS1	1047	MSHILO120	823
MD8-P38-100E	618	MLS2	1047	MSHILO277	823
MD8-P38-100M	618	MLS3	1047	MSHILO347	823
MD8-P38-150E120	618	MLS10	1048	MSHILO480	823
MD8-P38-150E277	618	MLS11	1048	MSL1	814
MD8-P38-150M	618	MLS14	1048	MSL2	814
MD800B-P38	618	MLS16	1048	MSONOFF120	823
MD800-P38	618	MLS30	1048	MSONOFF277	823
MDSL2	40	MLS31	1048	MSONOFF347	823
MDSLWG2	40	MLS50	1049	MSS16	687
MG1LG2	39	MLS61	1049	MSS30	688
MGSLG2	41	MLS64	1049	MSSRT30	689

Product	Page	Product	Page	Product	Page
MST4	690	N2BL	1202	NEB500	1216, 1217
MST6	691	N2WH	1202	NEB650C	1216, 1217
MSTM	690	N3BL	1199	NEB700	1216, 1217
MT6WL	621, 622	N3BLHO	1199	NEB1400	1216, 1217
MT8WL	624	N3BLSD	1199	NEB3000	1216, 1217
MT400AF	626, 627	N3WGY	1201	NNY618WH2	1237
MT400AN	626, 627	N3WGYCB	1201	NNY627WH3	1238
MT400AS	626, 627	N3WH	1199	NNY1250WH3	1239
MT400F	608, 609	N3WHHO	1199	NNYXDB Series	1233
MT400N	608, 609	N3WHSD	1199	NNYXD Series	1232
MT400S	608, 609	N4BL	1197	NNYXERB Series	1229
MT600AF	629, 630	N4BLHO	1197	NNYXER Series	1228
MT600AF-150	630	N4BLHO7	1198	NNYXESB Series	1231
MT600AN	629, 630	N4BLHO9	1198	NNYXES Series	1230
MT600AN-150	630	N4BLHO10	1198	NNYXSB Series	1235
MT600AS	629, 630	N4WH	1197	NNYXSC Series	1236
MT600AS-150	630	N4WHHO	1197	NNYXS Series	1234
MT600F	611, 612	N4WHHO7	1198	NRGWH	1203
MT600N	611, 612	N4WHHO9	1198	NRLC Series	1212, 1213
MT600S	611, 612	N4WHHO10	1198	NRL Series	1212, 1213
MT600W	611, 612	N5BZ	1206	NR Series	1214, 1215
MT800AF	633	N5BZSDCB	1206	NVS1	1172-1175, 1178-1183, 1241
MT800AF-150	633	N5LBZSD	1205	NVS2	1181, 1208, 1209, 1232-1235, 1241
MT800AN	633	N5LBZSDCB	1205	NVS3	1194-1199, 1202, 1212-1214, 1241
MT800AN-150	633	N5LWHSD	1205	NVS4	1184-1186, 1241
MT800AS	633	N5LWHSDCB	1205	NWG1	1172-1175, 1178-1183, 1194-1199, 1202, 1232-1235, 1241
MT800AS-150	633	N5WH	1206	NWG2	1184-1186, 1241
MT800F	616	N5WHSDCB	1206	NXDAFPGBA	1176
MT800N	616	N7WH	1204	NXDAFPGBL	1176
MT800S	616	N8GLY	1208	NXDAFPGWH	1176
MT800W	616	N8GY	1209	NXDAFPRBA	1176
MT852B	615	N650WH	1211	NXDAFPRBL	1176
MT852LC	615	N1250WH	1210	NXDAFPRWH	1176
N1BL	1196	N3650WH12	1200	NXDA Series	1174
N1BLHO	1196	N6100WH	1211	NXDBA Series	1175
N1BLHOSD	1196	N12100WH	1210	NXDB Series	1173
N1BLSD	1196	N31250WH12	1200	NXDC Series	1176
N1LBL	1194	NC627WH	1224	NXDFPRGBA	1172, 1173
N1LBLHL	1195	NC650WH	1225	NXDFPRGBL	1172, 1173
N1LBLHLHO	1195	NC1250WH	1226	NXDFPRGWH	1172, 1173
N1LBLHLHOSD	1195	NC6100WH	1225	NXD Series	1172
N1LBLHLSD	1195	NC12100WH	1226	NXECRA Series	1168
N1LBLHO	1194	NCESLB Series	1221	NXECRBA Series	1169
N1LBLHOSD	1194	NCESL Series	1220	NXESA Series	1170
N1BLSD	1194	NCEXLB Series	1221	NXESBA Series	1171
N1LWH	1194	NCEXL Series	1220	NXPA Series	1182
N1LWHHL	1195	NCR627WH	1227	NXPBA Series	1183
N1LWHHLHO	1195	NCR650WH	1227	NXPB Series	1181
N1LWHHLHOSD	1195	NCR1250WH	1227	NXPCA Series	1184
N1LWHHLSD	1195	NCRESLB Series	1219	NXPCL Series	1185
N1LWHHO	1194	NCRESL Series	1218	NXPC Series	1186
N1LWHHOSD	1194	NCREXLB Series	1219	NXPL Series	1187
N1LWHSD	1194	NCREXL Series	1218		
N1WH	1196	NCSLB Series	1223		
N1WHHO	1196	NCSL Series	1222		
N1WHHOSD	1196	NCXLB Series	1223		
N1WHSD	1196	NCXL Series	1222		

Product	Page	Product	Page	Product	Page
NXP Series	1180	P8PD-P38	667	PD800-P38	646
NXRHR	1240	P8PD-P38-277	667	PDUSBPCCABLE	783, 821, 843
NXRSR	1240	P8PD-P38-2773	667	PG1	777
NXSB Series	1179	P8RA-P38	655	PG1BG	777
NXS Series	1178	P8RA-P38-277	655	PG1PL	777
NXWAB Series	1193	P8RA-P38-2773	655	PG1WG	777
NXWA Series	1192	P8SR-P38	668	PG2	777
NXWBGY	1191	P8SR-P38-277	668	PG2BG	777
NXWBRGY	1191	P8SR-P38-2773	668	PG2PL	777
NXWCGY	1189	P8WL-P38 625,	648	PG2WG	777
NXWCRGY	1189	P9A-P38	656	PKH310	1134
NXWGGY	1190	P9PD-P38	670	PKH312	1134
NXWRGY	1190	P9PD-P38-277	670	PKH314	1134
P	519, 521, 523	P9PD-P38-2773	670	PKH316	1134
P4A-P20	649	P18	361, 702	PKH322	1134
P4A-P20-277	649	P18-W	362-364	PKH324	1134
P4D	638	P24	361, 702	PKH326	1134
P4D-277	638	P24-W	362-364	PKH328	1134
P5A-P38	650	P36	361, 702	PKL310	1134
P5A-P38-277	650	P36-W	362-364	PKL311SILVER	1134
P5A-P38-2773	650	P38	1120, 1123	PKL312	1134
P6A-P30	652	P45	1120, 1123	PKL314	1134
P6A-P30-277	652	P47	1120, 1123	PKL316	1134
P6A-P38	653	P52	1120, 1123	PKL318	1134
P6A-P38-277	653	P61	1120, 1123	PKL322	1134
P6A-P38-2773	653	P68	1121, 1124	PKL324	1134
P6ASQ-P38	651	P88	1121, 1124	PKL326	1134
P6ASQ-P38-277	651	P95	1121, 1124	PL2	832
P6ASQ-P38-2773	651	P136	1121, 1125	PL2ANCHOR	832
P6AW-P38	647	P160	1121, 1125	PL7	831, 833
P6AW-P38-277	647	P400AB-P20-B	649	PL115	205
P6D-P30	642	P400AB-P20-W	649	PL418EU	89
P6D-P30-277	642	P400A-P20	649	PL426EU	85
P6D-P38	642	P400B-P20	610, 637	PL426RE	86
P6D-P38-277	642	P400-P20	637	PL518EU	119
P6-P30	641	P400PIN-P20-W	649	PL518RE	120
P6-P30-277	641	P400SB-P30	638	PL526EU	115
P6PD-P20	663	P400SC-P30	638	PL526RE	116
P6PD-P20-277	663	P400SLT-P20-W	649	PL618EU	153
P6PD-P30	665	P500A-P38	650	PL618RE	154
P6PD-P30-277	665	P600A-P38	652, 653	PL642EU	147
P6SR-P20	664	P600B-P38	613, 641	PL642RE	148
P6SR-P20-277	664	P600-P38	641	PR12-CL	731
P6SR-P30	666	P600SB-P38	652, 653	PR12-DL	731
P6SR-P30-277	666	P600SC-P30	652	PR16-BL	731
P6WL-P38	623, 647	P600SC-P38	653	PR16-CL	731
P8A-P38	654	P800AC-P38	655	PR16CL	721
P8A-P38-277	654	P800A-P38	634, 654	PR16-DL	731
P8A-P38-2773	654	P800B-P38	617, 645	PR16DL	721
P8AW-P38	648	P800-P38	645	PR16FL	721
P8AW-P38-277	648	P800SB-P38	635, 655	PR16-FWG	731
P8D-P38	646	P800SC-P38	635, 655	PR22-BL	731
P8D-P38-277	646	P900A-P38	656	PR22-CL	731
P8D-P38-2773	646	PCF16	682-684	PR22-DL	731
P8FA-P38	669	PD600B-P38	642	PR22-FWG	731
P8FA-P38-277	669	PD600-P38	642	PR25-BL	731
P8FA-P38-2773	669	PD800B-P38	646	PR25-CL	731

Product	Page	Product	Page	Product	Page
PSQ600-P38-B	651	R701	1017	S16DL	721
PSQ600-P38-W	651	R702	1017	S16FL	721
Q-DECK	725, 727, 729, 731	R703	1016	S311	852
R2	1026	R704	1016	S311L2	852
R3F511W-WH	1034	R705	1017	S312	853
R4	1026	R706	1017	S312L2	853
R4K3512W-WH	1034	R707	1015	S313	853
R4K3551WH	1034	R708	1015	S313L2	853
R4K3600L	1034	R709	1016	S314	854
R6	1026	R710	1016	S314L2	854
R8	1026	R711	1019	S399	852
R20	1028	R712	1019	S401	852
R21	1026	R713	1019	S401L2	852
R21R	1026	R714	1019	S411	852
R22	1027	R715	1020	S411L2	852
R23	1028	R716	1020	S412	853
R24	1028	R717	1020	S412L2	853
R25	1028	R718	1020	S413	853
R25R	1028	R731	1018	S413L2	853
R28	1026	R740	1018	S414	854
R29	1027	R741	1018	S414L2	854
R34	1027	RBF	845, 847	SC	769
R34R	1027	RBF-PTF	845, 847	SC6	361
R36	1027	RBF-S-HLV	845, 847	SC6B	361
R36R	1027	RBF-S-LS	845, 847	SC6P	361
R37-9-16	1032, 1111, 1112	RBF-S-SV	845, 847	SCA4	340, 343, 350, 353, 369, 400, 402, 405, 447, 449, 451, 453, 524-526, 548-550, 572, 608-610, 636-638
R37D	1032, 1111, 1112	RBF-STANCHION	845, 847	SCA6	341, 344, 351, 354, 366, 370, 401, 403, 406, 455, 457, 459, 461, 527-529, 551-553, 573-577, 585-588, 611-614, 639-642, 702
R37F	1032, 1111, 1112	RBF-S-TV	845, 847	SCA8	342, 345, 352, 355, 367, 371, 404, 407, 463, 465, 467, 469, 530-532, 554-556, 578-582, 590-593, 595-597, 615-619, 643, 644, 646, 702
R38	1026	RBR	774, 775	SCA9	368, 372, 583, 584, 599-603, 702
R38R	1026	RBR2	775	SCA10	620, 702
R40	1032	RCF16	682-684	SCL	769
R49	1028	RCLF11	1029	SCR	769
R58	1032	RCLF21	1029	S-CSK	771
R122	1027	RCLFM11	1029	SD4	340, 343
R500	1023	RCLFMR11	1029	SD4BBD	350, 353
R501B	1023	RFB1	772	SD6	341, 344
R501W-WH	1023	RFB2	773	SD6BBD	351, 354
R502B	1023	RP-JLEDRETRO-WHIP	224	SD8	342, 345
R502W-WH	1023	RP-NL6V5ANC	1206	SD8BBD	352, 355
R510	1024	RP-NL6V5ANCHS	1206	SDSQ4	346, 348
R511B	1024	RP-NL6V6XEN	1206	SDSQ4BBD	356, 358
R511W-WH	1024	RP-NL48V2ANC	1205	SDSQ6	347, 349
R512B	1024	RP-NL48V2ANCHS	1205	SDSQ6BBD	357, 359
R512W-WH	1024	RSE-12	1051	SH1	710
R521W-WH	1023	RSE-24	1051	SH2	710
R522W-WH	1023	RSE-36	1051		
R530	1021	RSE-48	1051		
R531	1021	RTS	836		
R532	1021	S1X4	438		
R533	1024	S1X4BL	436		
R534	1024	S2X2	437, 439, 440		
R541	1021	S2X2BL	434		
R550	1022	S2X2PP	441, 442		
R551	1022	S2X2PZ	443		
R552	1022	S2X4	437, 439, 440		
R560	1025	S2X4BL	435		
R600L	1014	S16CL	721		

Product	Page	Product	Page	Product	Page
SKB10	1058, 1063	SSAV4	837	T40N	1001
SKB30	1058, 1063	SSAV5	837	T41N	1001
SKB34-5	1058, 1063	SSAV6	837	T42N	1001
SKB34-9	1058, 1063	SSS4	834	T45	1002
SKBT12	1058, 1063	SSS5	834	T46	1002
SKBX12	1058, 1063	SSS6	834	T47	1003
SL39	924	STS	835	T49	986
SL40	924	SW5ML	1044	T56	988, 994, 1032
SLSFPS1347	734, 735	T2	984	T57N-WH	1002
SLSFPS1480	734, 735	T4	984	T58	1001
SMPLT-4	30, 95, 96, 222	T5C22	926	T63	954, 955
SMPLT-5	103, 105, 114, 118, 120, 123, 125, 130, 222	T5C32	926	T64	954, 955
SO	769	T5C42	926	T71BL	950, 956, 957, 959, 960, 1013
SOL	769	T5E	734	T72BL	950, 956, 957, 959, 960, 983, 1013
SOR	769	T5K	735	T73BL	950, 956, 958, 959, 960, 1013
SP4P	1059, 1064	T5L22CL	925, 926, 1044	T73WH	950, 956, 958, 959, 960, 1013
SP10MLU	1045	T5L32CL	925, 926	T74BL	940, 942-944, 974-976, 1012, 1077, 1078, 1094, 1105, 1116
SP11MLU	1045	T5L42CL	925, 926	T90-12	987, 993, 1031, 1222, 1223
SP12MLU	1045	T5T22	925	T90-18	987, 993, 1031
SP40	850	T5T32	925	T90-24	987, 993, 1031
SP95MLU	1045	T5T42	925	T90-36	987, 993, 1031
SP100	850	T6	984	T90-48	987, 993, 1031
SP150	850	T8	984	T90CLF-12	1009, 1030
SP207MLXP	1042	T8E	734	T90CLF-18	1009, 1030
SP254MLL	1038	T8K	735	T90CLF-24	1009, 1030
SP258MLL	1038	T12	984	T90CLF-36	1009, 1030
SP259MLL	1038	T14WH	999	T90CLF-48	1009, 1030
SP261MLLG2	1037	T18WH	999	T91-12	987, 993, 1031, 1222, 1223
SP262MLL	1037	T20	986	T91-18	987, 993, 1031
SP263MLLG2	1037	T21	984	T91-24	987, 993, 1031
SP271MLL	1040	T21R	984	T91-36	987, 993, 1031
SP272MLL	1040	T22	985	T91-48	987, 993, 1031
SP275MLL	1040	T23	986	T91CLF-12	1009, 1030
SP283MLL	1039	T24	986	T91CLF-18	1009, 1030
SP285MLL	1039	T24F	986	T91CLF-24	1009, 1030
SP403MLP	1043	T25	986	T91CLF-36	1009, 1030
SP407MLP	1043	T25R	986	T91CLF-48	1009, 1030
SP852MLP	1043	T26	986	T92	988
SP853MLP	1043	T27	986, 992, 1028	T92L	988
SP892MLP	1044	T28	984	T93	988, 994, 1032
SP893MLP	1044	T29	985	T94	988, 994, 998, 1031, 1084
SP992G2	896, 1041	T31	989, 995, 998, 1033	T94SL	1111
SP995G2	896, 1041	T32	989, 995, 998, 1033	T95	989, 995, 998, 1000, 1032
SP-CA	850	T33	989, 995, 998, 1033	T95WA	989, 995, 998, 1000
SP-CA-2	850	T34	985	T96	988, 994, 998, 1031, 1084
SP-CA-3	850	T34R	985	T96SL	1111
SP-CA-4	850	T35	985	T121WH	999
SP-L-SUPPORT	850	T36	985	T122	985
SP-SF	850	T36R	985	T123WH	999
SP-TA	850	T37D	988, 994		
SP-TV	850	T37D-9-16	988, 994		
SPUS12	1058, 1063	T37F	988, 994		
SPUS18	1058, 1063	T37F-9-16	988, 994		
SPUS24	1058, 1063	T38	985		
SPUS48	1058, 1063	T38R	985		
SP-WB1	850	T39	988, 994		
		T40F	1001		

Product	Page	Product	Page	Product	Page
T132	1003	T315W-WH	957	T487	941
T133	1003	T317B	958	T537	1004
T135	1003	T317W-WH	958	T537QJ	1004
T196	978	T326B	959	T537QJU	1004, 1130
T209LG2	885	T326W-WH	959	T537U	1004
T216	944, 975	T327B	959	T538	1004
T218	945	T327W-WH	959	T539WH	1002
T219	945	T328B	959	T543WH	1002
T220	947	T328W-WH	959	T551	692, 699, 1010, 1035,
T227	946, 977	T338WH	950, 983		1094, 1116
T228	946	T340	957, 983	T551-5	940, 950, 974
T229	946	T342B	958	T551-6	929, 942, 944, 948,
T230	947	T342W-WH	958		951, 957, 968, 973,
T231	947	T350	983		975, 976, 978-981,
T238	947	T359WH	954		983, 1017, 1077, 1078,
T239	947	T362	952		1080, 1105, 1106
T252L	886	T363	952	T552	1010, 1035, 1094, 1116
T254L	887	T366	961	T553	692, 699
T255LG2	888	T367	961	T553N	1010, 1035, 1094, 1116
T256LED-3K	894	T368	952	T554N	1010, 1035, 1094, 1116
T256LED-4K	894	T371WH	962	T555	692, 699, 1010, 1035,
T256LED-27K	894	T372WH	962		1094, 1116
T256LED-35K	894	T393WH	950	T556	1010, 1035, 1094, 1116
T257LED-3K	895	T395WH	950	T556BL	940, 968, 974, 1012,
T257LED-4K	895	T397WH	950		1077, 1094
T257LED-27K	895	T398	982	T557	692, 699, 929, 940, 942,
T257LED-35K	895	T401	977		944, 948, 950, 951, 957,
T258L	893	T403	931		968, 973-976, 978-981,
T259L	893	T404	931		983, 1010, 1017, 1035,
T261LG2	880	T406	929, 973		1077, 1078, 1080, 1094,
T262L	881	T407	930		1105, 1106, 1116
T263LG2	882	T408	930	T558BL	940, 944, 968, 974, 975,
T265LG2	883	T409	930		980, 1012, 1077, 1078,
T267L	884	T411	929, 973		1094, 1105, 1116
T271L	890	T420B	956	T559	692, 699, 929, 940, 942,
T272L	891	T420W-WH	956		944, 948, 950, 951, 957,
T275L	892	T421B	956		968, 973-976, 978-981,
T283L	889	T421W-WH	956		983, 1010, 1017, 1035,
T285L	889	T423B	956		1077, 1078, 1080, 1094,
T290BL	951, 981	T423W-WH	956		1105, 1106, 1116
T291	948, 975	T425B	956	T560BL	950, 956, 957, 959,
T292	948	T425W-WH	956		960, 1011
T293	948	T427B	956	T561	674-679, 688-691,
T294	949	T427W-WH	956		693, 700, 1011, 1054
T295BL	951	T430	942, 976	T561-6	881, 882, 887, 907,
T296	949	T431	943		909-911, 914, 918, 928,
T301	954	T433	943		930, 931, 935, 936, 938,
T303B	960	T435	943		941, 943, 945, 948, 950,
T303W-WH	960	T437	943		951, 956, 957, 959, 960,
T305B	960	T442	980		981, 1037, 1038, 1043, 1044
T305W-WH	960	T443	979	T562	674-679, 688-691,
T307B	960	T446	978		693, 700, 1011, 1054
T308	954	T447	980	T563	674-679, 688-691,
T311	957	T480	940, 974		693, 700, 1011, 1054
T313B	957	T482	941	T564	674-679, 688-691,
T313W-WH	957	T483	941		693, 700, 1011, 1054
T315B	957	T485	940, 974		

Product	Page	Product	Page	Product	Page
T565	674-679, 688-691, 693, 700, 1011, 1054	T596-48	987, 1032	T805	968
T566	674-679, 688-691, 693, 700, 1011, 1054	T596-144	987, 1032	T807	968
T569BL	674-679, 688-691, 700, 881, 882, 887, 907, 909-911, 914, 918, 928, 930, 931, 935, 936, 938, 941, 943, 945, 948, 950, 951, 956, 957, 959, 960, 981, 1011, 1037, 1038, 1043, 1044, 1054	T597	906, 911, 912, 913, 917, 928, 930, 1011, 1042, 1043, 1054	T809	968
T570BL	950, 956, 957, 959, 960, 983, 1011	T597-48	987, 993, 1032	T811	878, 970
T571	701, 1011	T597-144	987, 993, 1032	T812	878, 970
T571-6	883, 884, 888, 904, 907, 908, 911, 914, 918, 928-931, 940, 941, 943, 945, 948-950, 952, 956, 957, 959, 960, 973, 974, 983	T598	906, 907, 911, 912, 913, 917, 928, 930, 1011, 1042, 1043, 1054	T816	879, 971
T572	701, 1011	T598-48	987, 1032	T817	879, 971
T573	701, 1011	T598-144	987, 1032	T831	877
T574	701, 1011	T599	92, 222	T832	877
T575	701, 1011	T620	955	T834	877
T576	701, 1011	T630-9	937, 972	T841	928, 967
T577BL	914, 931, 941, 945, 1013, 1043	T630-16	937, 972	T844	928
T579BL	701, 883-885, 888, 904, 907, 908, 911, 914, 918, 928-931, 940, 941, 943, 945, 948-950, 952, 956, 957, 959, 960, 973, 974, 983, 1011	T635-9	937	T845	928
T580BL	950, 956, 958, 959, 960, 1011	T635-16	937	T846	928
T581	1011	T640	938, 972	T850	935, 966
T581-6	949, 950, 956, 958, 959, 960	T645	938	T852	935
T582	1011	T645MC	938, 1011	T853	935
T583	1011	T660BL	945, 1011	T853MC	935, 1011, 1043, 1044
T584	1011	T670BL	945, 1011	T853MC-BL	1054
T585	1011	T687	953	T858	935
T586	1011	T689	953	T860	934, 966
T587BL	914, 931, 940, 941, 945, 974, 1013	T690	953	T863	934
T589BL	949, 950, 956, 958, 959, 960, 1011	T691	955	T868	934
T591	1011, 1054	T696	978	T890	936, 966
T591-6	906, 907, 911, 912, 913, 917, 928, 930, 1042, 1043	T741	253-256, 265-267, 672, 673, 687, 1010, 1035, 1054, 1094, 1116	T892	936
T592	1011, 1054	T741-6	878-880, 886, 905, 916, 928, 935-938, 946, 966, 967, 970-972, 977, 1072, 1073, 1076-1079, 1100, 1101, 1103, 1104, 1107	T893	936
T593	1011, 1054	T742	253-256, 265-267, 672, 673, 687, 1010, 1035, 1054, 1094, 1104, 1116	T893MC	936, 1011
T594	1011, 1054	T743	253-256, 265-267, 672, 673, 687, 1010, 1035, 1054, 1094, 1116	T893MC-BL	1054
T595	1011, 1054	T744	253-256, 265-267, 672, 673, 687, 1010, 1035, 1054, 1094, 1116	T898	936
T595-48	987, 993, 1032	T745	253-256, 265-267, 672, 673, 687, 1010, 1035, 1054, 1094, 1116	T1016V	900, 964
T595-144	987, 993, 1032	T746	253-256, 265-267, 672, 673, 687, 1010, 1035, 1054, 1094, 1116	T1020E	902, 932
T596	1011, 1054	T751	291, 297	T1020E-10W	902, 932
		T752	291, 297	T1020G	902, 932
		T753	291, 297	T1030E	902, 932
		T754	291, 297	T1030E-18W	902, 932
		T755	291, 297	T1030G	902, 932
		T756	291, 297	T1031SE	902, 932
				T1031SE-18W	902, 932
				T1031SG	902, 932
				T1038E	903, 933
				T1038E-25W	903, 933
				T1038G	903, 933
				T1040H	901, 965
				T1040V	900, 964
				T1041H	901, 965
				T1041V	900, 964
				T1042H	901, 965
				T1042V	900, 964
				T1043H	901, 965
				T1043V	900, 964
				T5501	692, 699, 1010, 1035, 1094, 1116
				T5501-18	929, 940, 942, 944, 948, 950, 951, 957, 968, 973-976, 978-981, 983, 1017, 1077, 1078, 1080, 1105, 1106

Product	Page	Product	Page	Product	Page
T5503 . . . . .	.692, 699, 1010, 1035, 1094, 1116	T5620 . . . . .	.881, 882, 887, 907, 909-911, .914, 918, 928, 930, 931, 935, .936, 938, 941, 943, 945, 948, .950, 951, 956, 957, 959, 960, .981, 1011, 1037, 1038, 1043, 1044, 1054	T5720 . . . . .	.883, 884, 888, 904, 907, 908, .911, 914, 918, 928-931, 940, .941, 943, 945, 948-950, 952, .956, 957, 959, 960, 973, 974, 983, 1011
T5504 . . . . .	.692, 699, 1010, 1035, 1094, 1116	T5621 . . . . .	.674, 675, 688, 689, 693, 700, 881, 882, 887, 907, 909-911, 914, 918, 928, 930, 931, 935, 936, 938, 941, 943, 945, 948, 950, 951, 956, 957, 959, 960, .981, 1011, 1037, 1038, 1043, 1044, 1054	T5721 . . . . .	.701, 883, 884, 888, 904, 907, .908, 911, 914, 918, 928-931, .940, 941, 943, 945, 948-950, .952, 956, 957, 959, 960, 973, 974, 983, 1011
T5505 . . . . .	.692, 699, 1010, 1035, 1094, 1116	T5622 . . . . .	.676-679, 690, 691, 693, 700, 881, 882, 887, 907, 909-911, 914, 918, 928, 930, 931, 935, 936, 938, 941, 943, 945, 948, 950, 951, 956, 957, 959, 960, .981, 1011, 1037, 1038, 1043, 1044, 1054	T5722 . . . . .	.701, 883-885, 888, 904, 907, .908, 911, 914, 918, 928-931, .940, 941, 943, 945, 948-950, .952, 956, 957, 959, 960, 973, 974, 983, 1011
T5506 . . . . .	.692, 699, 1010, 1035, 1094, 1116	T5623 . . . . .	.674, 675, 688, 689	T5777 . . . . .	.701, 883, 884, 888, 904, 907, .908, 911, 914, 918, 928-931, .940, 941, 943, 945, 948-950, .952, 956, 957, 959, 960, 973, 974, 983, 1011
T5511 . . . . .	.692, 699, 1010, 1035, 1094, 1116	T5677 . . . . .	.674-679, 688-691, 693, 700, 881, 882, 887, 907, 909-911, 914, 918, 928, 930, 931, 935, 936, 938, 941, 943, 945, 948, 950, 951, 956, 957, 959, 960, .981, 1011, 1037, 1038, 1043, 1044, 1054	T5778 . . . . .	.701, 883, 884, 888, 904, 907, .908, 911, 914, 918, 928-931, .940, 941, 943, 945, 948-950, .952, 956, 957, 959, 960, 973, 974, 983, 1011
T5516 . . . . .	.692, 699, 1010, 1035, 1094, 1116	T5678 . . . . .	.674-679, 688-691, 693, 700, 881, 882, 887, 907, 909-911, 914, 918, 928, 930, 931, 935, 936, 938, 941, 943, 945, 948, 950, 951, 956, 957, 959, 960, .981, 1011, 1037, 1038, 1043, 1044, 1054	T5901	1011, 1054
T5518 . . . . .	.692, 699, 1010, 1035, 1094, 1116	T5701	1011	T5901-18	928, 930, 1043
T5520 . . . . .	.692, 699, 929, 940, 942, 944, 948, 950, 951, 957, .968, 973-976, 978-981, .983, 1010, 1017, 1035, 1077, 1078, 1080, 1094, 1105, 1106, 1116	T5701-9	904	T5901-19	906, 911, 912, 913, 917, 1042
T5521 . . . . .	.692, 699, 929, 940, 942, 944, 948, 950, 951, 957, .968, 973-976, 978-981, .983, 1010, 1017, 1035, 1077, 1078, 1080, 1094, 1105, 1106, 1116	T5701-18 . . . . .	.883-885, 888, 928-931, .940, 941, 943, 945, 948-950, .952, 956, 957, 959, 960, 973, 974, 983	T5903	1011, 1054
T5522 . . . . .	.692, 699, 929, 940, 942, 944, 948, 950, 951, 957, .968, 973-976, 978-981, .983, 1010, 1017, 1035, 1077, 1078, 1080, 1094, 1105, 1106, 1116	T5701-19 . . . . .	.907, 908, 911, 914, 918	T5904	1011, 1054
T5558BL	1075	T5703	1011	T5905	1011, 1054
T5559BL . . . . .	.692, 699, 929, 940, 942, 944, 948, 950, 951, 957, .968, 973-976, 978-981, .983, 1010, 1017, 1035, 1077, 1078, 1080, 1094, 1105, 1106, 1116	T5704	1011	T5906	1011, 1054
T5601	1011, 1054	T5705	1011	T5911	1011, 1054
T5601-18 . . . . .	.881, 882, 887, 928, 930, 931, 935, 936, 938, 941, 943, 945, 948, 950, 951, 956, 957, 959, 960, 981, 1037, 1038, 1043, 1044	T5706	1011	T5916	1011, 1054
T5601-19 . . . . .	.907, 909-911, 914, 918	T5711	1011	T5918	1011, 1054
T5603	1011, 1054	T5716	1011	T5919	1011, 1054
T5604	1011, 1054	T5718 . . . . .	.701, 1011	T5920	906, 911-913, 917, 928, 930, 1011, 1042, 1043, 1054
T5605	1011, 1054	T5719	1011	T5921	906, 907, 911-913, 917, 928, 930, 1011, 1042, 1043, 1054
T5606	1011, 1054			T5922	906, 911-913, 917, 928, 930, 1011, 1042, 1043, 1054
T5611	1011, 1054			T5928BL	906, 911, 917, 928, 930, 1011, 1042, 1043, 1054
T5616	1011, 1054			T7400 . . . . .	.937, 946, 972, 977, 1015, 1016, 1078, 1107
T5618 . . . . .	.674, 675, 688, 693, .700, 1011, 1054			T7400BL	1010, 1035, 1094, 1116
T5619 . . . . .	.676-679, 690, 691, .693, 1011, 1054			T7400SA	1010, 1035, 1094, 1116
				T7401	253-256, 265-267, 1010, 1035, 1054, 1094, 1116
				T7401-16 . . . . .	.880, 1037, 1038

Product	Page	Product	Page	Product	Page
T7401-18 . . . 878, 879, 886, 916, 928, 935-938, 946, 966, 967, 970-972, 977, 1015-1018, 1072, 1073, 1076-1079, 1100, 1101, 1103, 1104, 1107		T7477 253-256, 265-267, 672, 673, 687, 878-880, 886, 905, 916, 928, 935-938, 946, 966, 967, 970-972, 977, 1010, 1015, 1016, 1018, 1035, 1037, 1038, 1054, 1072, 1073, 1076-1079, 1094, 1100, 1101, 1103, 1104, 1107, 1116		TC44-E1 29 TC44R 30 TC44R-E1 30 TC44S 29 TC44V 29 TC45 35 TC46 36 TC47 31 TC47V 31 TC49T 256 TC49TSQ 267 TC104AL 78 TC104RAL 79 TC207LA 233 TC207LAR 235 TC207LD 232 TC207LDR 234 TC207LSQA 241 TC207LSQAR 243 TC207LSQD 240 TC207LSQDR 242 TC210LA 233 TC210LAR 235 TC210LD 232 TC210LDR 234 TC210LSQ 248, 250 TC210LSQA 241 TC210LSQAR 243 TC210LSQD 240 TC210LSQDR 242 TC412LR 254 TC420L 252 TC420LP 255 TC420LPSQ 266 TC420LSQ 264 TC532L 290 TC532LSQ 296 TC920LEDG4 210 TC922LEDG4 215 TC926 192 TC926R 193 TC928 196 TC928R 197 TC943N 273 TC943SQ 283 TC949T 256 TC949TSQ 267 TC1420LED4 211 TC1422LED4 216 TC2020LED4 212 TC2022LED4 217 TCL0.5 1008, 1029, 1057 TCL1 1008, 1029, 1057 TCL2 1008, 1029, 1057 TCL3 1008, 1029, 1057 TCL4 1008, 1029, 1057 TCL5 1008, 1029, 1057	
T7401-19 905 T7403 253-256, 265-267, 1010, 1035, 1054, 1094, 1116 T7404 253-256, 265-267, 1010, 1035, 1054, 1094, 1116 T7405 253-256, 265-267, 1010, 1035, 1054, 1094, 1116 T7406 253-256, 265-267, 1010, 1035, 1054, 1094, 1116 T7411 253-256, 265-267, 1010, 1035, 1054, 1094, 1116 T7416 253-256, 265-267, 1010, 1035, 1054, 1094, 1116 T7418 1010, 1035, 1054, 1094, 1116 T7419 1010, 1054 T7420 253-256, 265-267, 878-880, 886, 905, 916, 928, 935-938, 946, 966, 967, 970-972, 977, 1010, 1015-1018, 1035, 1037, 1038, 1054, 1072, 1073, 1076-1079, 1094, 1100, 1101, 1103, 1107, 1116 T7421 253-255, 266, 672, 673, 687, 878-880, 886, 905, 916, 928, 935-938, 946, 966, 967, 970-972, 977, 1010, 1015, 1016, 1018, 1035, 1037, 1038, 1054, 1072, 1073, 1076-1079, 1094, 1100, 1101, 1103, 1104, 1107, 1116 T7422 253-256, 265-267, 878-880, 886, 905, 916, 928, 935-938, 946, 966, 967, 970-972, 977, 1010, 1015-1018, 1035, 1037, 1038, 1054, 1072, 1073, 1076-1079, 1094, 1100, 1101, 1103, 1104, 1107, 1116 T7459BL 253-256, 265-267, 672, 673, 687, 878-880, 905, 916, 928, 935-938, 946, 966, 967, 970-972, 977, 1010, 1015-1018 1035, 1037, 1038, 1054, 1072, 1073, 1076-1079, 1094, 1100, 1101, 1103, 1107, 1116 T7459L 886 T7470BL 937, 972, 977, 1012, 1079, 1094, 1107, 1116		T7501 291, 297 T7503 291, 297 T7504 291, 297 T7505 291, 297 T7506 291, 297 T7511 291, 297 T7516 291, 297 T7520 291, 297 T7521 291, 297 T7522 291, 297 T7559BL 291, 297 T7577 291, 297 T7578 291, 297 TA-WWEYEBROW 893, 1038 TA-WWLOUVER 893, 1038 TA-WWSNOOT 893, 1038 TBX18E 924 TBX39E 924 TBX40E 924 TC1 94 TC1R 95 TC1RCWN 96 TC1S 94 TC2 158 TC2R 159 TC2S 158 TC2W 158 TC4RAL 77 TC6 207 TC7 208 TC13N 275 TC13SQ 284 TC18 46 TC19 47 TC20 124 TC20R 125 TC20S 124 TC43N 272 TC43NR 274 TC43SQ 282 TC44 29			

Product	Page	Product	Page	Product	Page
TCL6	1008, 1029, 1057	TF114G2	1099	TIR-1-SP	880, 886, 1037
TCL7	1008, 1029, 1057	TF130-9-SL	1107	TIR-1-WFL	880, 886, 1037
TCL8	1008, 1029, 1057	TF140SL	1104	TIR-2-FL	76-79, 82, 83, 1072, 1073, 1100, 1101
TCL9	1008, 1029, 1057	TF141SL	1104	TIR-2-NFL	76-79, 82, 83, 1072, 1073, 1100, 1101
TCL10	1008, 1029, 1057	TF150SL	1103	TIR-2-SP	76-79, 82, 83, 1072, 1073, 1100, 1101
TCL12	1008, 1029, 1057	TF155SL	1103	TIR-4-SP	1014
TCL14	1008, 1029, 1057	TF160SL	1106	TIR-ACLX2-FL	232-235, 240-243, 248, 250
TCLF11	1008	TF165SL	1106	TIR-ACLX2-NFL	232-235, 240-243, 248, 250
TCLF21	1008	TF196SL	1106	TIR-ACLX2-SP	232-235, 240-243, 248, 250
TCLFM11	1008	TF252L	1100	TIR-ACLX2-WFL	232-235, 240-243, 248, 250
TCLFMR11	1008	TF261L	1101	TIR-ACLX3-FL	253-255, 265, 266
TE-4-ACH	734	TF301SL	1107	TIR-ACLX3-NFL	253-255, 265, 266
TE-4-AG	734	TF308SL	1107	TIR-ACLX3-SP	253-255, 265, 266
TE-4-APH	734	TF529SL	1109	TIR-ACLX3-WFL	253-255, 265, 266
TE-4-PG	734	TF530SL	1109	TIR-ACLX4-FL	291, 297
TE-4-WG	734	TF540SL	1113	TIR-ACLX4-NFL	291, 297
TE-6-ACH	734	TF540U-SL	1113	TIR-ACLX4-SP	291, 297
TE-6-AG	734	TF903SL	1111	TIR-ACLX4-WFL	291, 297
TE-6-APH	734	TF912SL	1111	TIR-TW-F	256, 267
TE-6-PG	734	TF918SL	1111	TIR-TW-N	256, 267
TE-6-WG	734	TF924SL	1111	TIR-TW-V	256, 267
TEK11	1056, 1060	TF936SL	1111	TL2	1085
TEK11CL	1057	TF948SL	1111	TL4	1085
TEK12	1056, 1060	TF950SL	1110	TL6	1085
TEK12CL	1057	TF950SL-144	1110	TL8	1085
TEK14	1056, 1060	TF1016SL	1102	TL20	1086
TEK21	1056, 1060	TF5150BL	1089, 1115	TL21	1085
TEK24	1057	TF5150BL-277	1089, 1115	TL24	1086
TEK34	1057, 1060	TF5300BL	1089, 1115	TL34	1085
TEK38	1057, 1060	TF5300BL-277	1089, 1115	TL38	1085
TEK39	1057, 1060	TF5600BL	1089, 1115	TL40	1093
TEK40	1057, 1060	TF5600BL-24V	1089, 1115	TL43	1093
TEK41	1058	TF5600BL-277	1089, 1115	TL44	1093
TEK44	1056	TF6060C	1114	TL103	1069
TEK48	1056	TF6060S	1090, 1114	TL103LED-3K	1069
TEK412	1056	TF6060W	1114	TL103LED-4K	1069
TE-SH-3	734, 735	TF6150E-SL	1091, 1113	TL106	1077
TE-SH-5	734, 735	TF6300SL	1091, 1113	TL109	1077
TE-YT-10	734, 735	TF51200BL-24V	1089, 1115	TL110	1075
TF4SL	1108	TF60100C	1114	TL112	1075
TF8SL	1108	TF60100S	1090, 1114	TL114G2	1071
TF21SL	1110	TF60100W	1114	TL116	1078
TF22SL	1110	TF60150C	1114	TL117	1078
TF23SL	1108	TF60150S	1090, 1114	TL130-9	1079
TF24SL	1108	TF60150W	1114	TL140	1079
TF30SL	1108	TFG116SL	1105	TL141	1077
TF31SL	1109	TFP78	1131	TL143	1080
TF32SL	1109	TFP116SL	1105	TL150	1076
TF33SL	1112	TFP144	1131	TL155	1076
TF34SL	1112	TFPL	1135	TL190	1076
TF34SL-144	1112	TFPLED78	1130		
TF40SL	1113	TFPLED144	1130		
TF45SL	1109	TFQJASL	1113		
TF90SL	1111	THCL1	890, 891, 1040		
TF91SL	1111	THCL2	892, 1040		
TF92SL	1111	TIR-1-FL	880, 886, 1037		
TF93SL	1112	TIR-1-NFL	880, 886, 1037		

Product	Page	Product	Page	Product	Page
TL191	1078	TL601E-75	1088	TLP318	1128
TL196	1080	TL602E	38-41, 1140	TLP322	1128
TL201	1068	TL602E-10-WH	1088	TLP324	1129
TL202	1068	TL602E-25-WH	1088	TLP326	1129
TL211	1068	TL602E-60-WH	1088	TLP328	1129
TL212	1068	TL644	1092	TLPL	1135
TL214LED-3K	1067	TL900	1068	TLPLED78	1130
TL214LED-4K	1067	TL901	1068	TLPLED144	1130
TL214LED-27K	1067	TL903	1068	TLQJA	1091
TL214LED-27K-WD	1066	TL905-24V	1068	TLQJP78NI	1131
TL214LED-35K	1067	TL910-24V	1068	TLQJP144NI	1131
TL214LED-BLUE	1067	TL923	1069	TLQJPLED78	1130
TL214LED-GREEN	1067	TL925	1131	TLQJPLED144	1130
TL214LED-RED	1067	TL926	1131	TLR2	1082
TL214LEDX1-22K	1067	TL926-24V	1131	TLR4	1082
TL214LEDX2-22K	1067	TL950CL	1068	TLR6	1082
TL214LEDX3-22K	1067	TL950FR	1068	TLR8	1082
TL252L	1072	TL951CL	1068	TLR20	1083
TL261L	1073	TL951FR	1068	TLR21	1082
TL296	1080	TL952CL-24V	1068	TLR23	1083
TL301	1079	TL952FR-24V	1068	TLR24	1083
TL539	1092	TL953CL-24V	1068	TLR28	1082
TL540	1092	TL953FR-24V	1068	TLR34	1082
TL540U	1092	TL960CL	1068	TLR36	1082
TL541U	1092	TL960FR	1068	TLR36TB	1082
TL544U	1087	TL961CL	1068	TLR37	1083, 1086
TL546	1087	TL961FR	1068	TLR37-9-16	1083, 1086
TL547	1087	TL964CL-24V	1068	TLR38	1082
TL548	1088	TL964FR-24V	1068	TLR50	1082
TL548U	1088	TL965CL-24V	1068	TLR90-12	1083
TL549N-277-BL	1089, 1115	TL965FR-24V	1068	TLR90-18	1083
TL549N-BL	1089, 1115	TL1016	1074	TLR90-24	1083
TL550N-277-BL	1089, 1115	TL1040	1074	TLR90-36	1083
TL550N-BL	1089, 1115	TL1041	1074	TLR90-48	1083
TL551N-277-BL-24V	1089, 1115	TL1042	1074	TLR91-12	1083
TL551N-BL-24V	1089, 1115	TL1043	1074	TLR91-18	1083
TL552N-277-BL-24V	1089, 1115	TL4000	1086	TLR91-24	1083
TL552N-BL-24V	1089, 1115	TLENS-1-FL	890, 1040	TLR91-36	1083
TL553N-277-BL-24V	1089, 1115	TLENS-1-NFL	890, 1040	TLR91-48	1083
TL553N-BL-24V	1089, 1115	TLENS-1-SP	890, 1040	TLR92-12	1084
TL554N-277-BL	1089, 1115	TLENS-2-FL	892, 1040	TLR92-18	1084
TL554N-BL	1089, 1115	TLENS-2-NFL	892, 1040	TLR92-24	1084
TL566U-100	1087	TLENS-2-SP	892, 1040	TLR92-36	1084
TL567U-100	1087	TLENS-3-FL	891, 1040	TLR92-48	1084
TL575-20-277-BL	1089, 1115	TLENS-3-NFL	891, 1040	TLR93	1084
TL575-20-BL	1089, 1115	TLENS-3-SP	891, 1040	TLR95-48	1084
TL575-40-277-BL	1089, 1115	TLENS-4-FL	1014	TLR95-144	1084
TL575-40-BL	1089, 1115	TLENS-4-NFL	1014	TLR96-48	1084
TL575-75-277-BL	1089, 1115	TLP78	1131	TLR96-144	1084
TL575-75-BL	1089, 1115	TLP116	1078	TLR6060	1090
TL576	38-41, 1140	TLP144	1131	TLR60100	1090
TL576-10-BL	1089, 1115	TLP310	1127	TLR60150	1090
TL576-25-BL	1089, 1115	TLP311SILVER	1127	TLRSK	1090
TL576-60-BL	1089, 1115	TLP312	1127	TLRW12	1091
TL601E-10	1088	TLP314	1127	TLRW18	1091
TL601E-25	1088	TLP315	1127	TLRW24	1091
TL601E-60	1088	TLP316	1128	TLRW36	1091

Product	Page	Product	Page	Product	Page
TLRW48	1091	TM250-70-SL-SP	908	TM570N	921
TM108	918	TM250-70-WH-FL	908	TM5100	921
TM109	918	TM250-70-WH-NFL	908	TMBX26	924
TM120	919	TM250-70-WH-SP	908	TMCRT4-FL	909
TM141	916	TM250-100-BL-FL	908	TMCRT4-NFL	909
TM144	917	TM250-100-BL-NFL	908	TMCRT4-SP	909
TM201-39EMH	914	TM250-100-BL-SP	908	TMCRT6-FL	910
TM201-70EMH	914	TM250-100-SL-FL	908	TMCRT6-NFL	910
TM203-20EMH	914	TM250-100-SL-NFL	908	TMCRT6-SP	910
TM203-39EMH	914	TM250-100-SL-SP	908	TMC-SNOOT	1071
TM203-70EMH	914	TM250-100-WH-FL	908	TMC-SNOOT-SL	1099
TM204-70EMH	914	TM250-100-WH-NFL	908	TMM5420E-S	922
TM207-20EMH	911	TM250-100-WH-SP	908	TMM5439E-S	922
TM207-39EMH	911	TM251-39-BL-FL	904	TMM5450E-S	922
TM208-20EMH	911	TM251-39-BL-NFL	904	TMM5470E-S	922
TM208-39EMH	911	TM251-39-BL-SP	904	TMM54100E-S	922
TM208-70EMH	911	TM251-39-SL-FL	904	TMM54150E-S-120	922
TM209-70EMH	911	TM251-39-SL-NFL	904	TMM54150E-S-277	922
TM213-39EMH	910	TM251-39-SL-SP	904	TMP1120	920
TM213-70EMH	910	TM251-39-WH-FL	904	TMP1220PL	920
TM214-39EMH	910	TM251-39-WH-NFL	904	TMP1221PL	920
TM214-70EMH	910	TM251-39-WH-SP	904	TMP1222HZ	920
TM215-39EMH	910	TM251-70-BL-FL	904	TMP1230CL	920
TM215-70EMH	910	TM251-70-BL-NFL	904	TMP1231PL	920
TM216-39EMH	909	TM251-70-BL-SP	904	TMP1232UL	920
TM216-70EMH	909	TM251-70-SL-FL	904	TMR1-BT5-FL	913
TM217-39EMH	909	TM251-70-SL-NFL	904	TMR1-BT5-NFL	913
TM217-70EMH	909	TM251-70-SL-SP	904	TMR1-BT5-SP	913
TM218-39EMH	909	TM251-70-WH-FL	904	TMR1-MINI-FL	906, 912
TM218-70EMH	909	TM251-70-WH-NFL	904	TMR1-MINI-NFL	906, 912
TM232-20-FL	912	TM251-70-WH-SP	904	TMR1-MINI-SP	906, 912
TM232-20-NFL	912	TM254-20-BL-FL	906	TMR1-T6-FL	904
TM232-20-SP	912	TM254-20-BL-NFL	906	TMR1-T6-NFL	904
TM232-39-FL	912	TM254-20-BL-SP	906	TMR1-T6-SP	904
TM232-39-NFL	912	TM254-20-SL-FL	906	TMR60BL	694, 696, 698
TM232-39-SP	912	TM254-20-SL-NFL	906	TMW12	923
TM232-70-FL	912	TM254-20-SL-SP	906	TMW18	923
TM232-70-NFL	912	TM254-20-WH-FL	906	TMW24	923
TM232-70-SP	912	TM254-20-WH-NFL	906	TMW36	923
TM233-20-FL	913	TM254-20-WH-SP	906	TMW48 9	23
TM233-20-NFL	913	TM254-39-BL-FL	906	TP78	1131
TM233-20-SP	913	TM254-39-BL-NFL	906	TP144	1131
TM233-39-FL	913	TM254-39-BL-SP	906	TP216	944, 975
TM233-39-NFL	913	TM254-39-SL-FL	906	TP443	979
TM233-39-SP	913	TM254-39-SL-NFL	906	TQJ114G2	896, 1041
TM241-20	905	TM254-39-SL-SP	906	TQJ252L	1038
TM241-39	905	TM254-39-WH-FL	906	TQJ1016STN	899
TM245-39	907	TM254-39-WH-NFL	906	TQJ1040STN	899, 1102
TM245-70	907	TM254-39-WH-SP	906	TQJ1041STN	899, 1102
TM246-70	907	TM256-39	915	TQJ1042STN	899, 1102
TM246-100	907	TM256-70	915	TQJ1043STN	899, 1102
TM246-150	907	TM256-150	915	TQJDL-CLAMP	898
TM250-70-BL-FL	908	TM520	921	TQJDLH	897
TM250-70-BL-NFL	908	TM530BL	914, 931, 1011,	TQJDLV	897
TM250-70-BL-SP	908	. . . . .	1043, 1054	TQJPL	1135
TM250-70-SL-FL	908	TM538BL	914, 931, 1011	TR1-CL-NFL	883, 884
TM250-70-SL-NFL	908	TM539	921	TR1-CL-SP	883, 884

Product	Page	Product	Page	Product	Page
TR2-CL-FL	887	TU35	991	UPLED22	1142
TR2-CL-NFL	887	TU36	991	UPLED30	1142
TR2-CL-SP	887	TU36R	991	UPX109	1144
TR3-CL-FL	881, 882, 1037	TU38	991	UPX214	1144
TR3-CL-NFL	881, 882, 1037	TU38R	991	UPX322	1144
TR3-CL-SP	881, 882, 1037	TU596-48	993	UPX430	1144
TR4-CL-FL	883, 884	TU596-144	993	UPX-LAMP	1144
TR5-ABZ	222	TU598-48	993	UST18G	1140
TR5-BL	222	TU598-144	993	USTL1	1140
TR5-SC	222	TUCLF11	1008	USTL548	1140
TR5-WH	222	TUCLF21	1008	USTLR1	1140
TR6-ABZ	223	TW12	1000, 1033	USTL-REC	1140
TR6-BL	223	TW12WA	923, 1000, 1033	USTL-SHIELD	1140
TR6-SC	223	TW18	1000, 1033	USTL-SNOOT	1140
TR6-WH	223	TW18WA	923, 1000, 1033	V6RL-TRB	60-63
TR7-CL-FL	888	TW24	1000, 1033	V100	851
TR7-CL-NFL	888	TW24WA	923, 1000, 1033	V200	851
TR7-CL-SP	888	TW36	1000, 1033	VB-6	223
TR8-CL-FL	885	TW36WA	923, 1000, 1033	VB-6L	223
TR8-CL-NFL	885	TW48	1000, 1033	VC42CF	851
TR8-CL-SP	885	TW48WA	923, 1000, 1033	VC100	851
TT4	996	TW71BL	943, 1013	VC200	851
TT8	996	TW72BL	943, 1013	VOD	809
TT503	996	TW75BL	943, 1013	VOM	805, 809
TT520	996	TWL12	1000	VOS	809
TT524	996	TWL18	1000	VP42CF	851
TT528	997	TWL24	1000	VP100	851
TT529	997	TWL36	1000	VP200	851
TT590-12	997	TWL48	1000	VRD	807
TT590-18	997	TWLED-12	886	VRM	803, 807
TT590-24	997	TWLED-18	886	VRS	807
TT590-36	997	TWLED-24	886	VW42CF	851
TT590-48	997	TWLED-36	886	VW100	851
TT591-12	998	TWLED-48	886	VW200	851
TT591-18	998	TWS24	1000, 1033	WB-1	830, 841, 843, 845, 847-849
TT591-24	998	TWS24WA	923, 1000, 1033	WG2	719
TT591-36	998	UFL12	1146	WG4	719
TT591-48	998	UFL22	1146	WG6	719
TT595	997	UFL34	1146	WL2	813
TT596	997	UFL46	1146	WL2-FC	813
TT597	997	UK3STL	1140	WL2-PG	813
TT598	997	ULH109	1145	WL2-WG	813
TU4	990	ULH214	1145	WL18	924
TU8	990	ULH322	1145	WL39	924
TU12	990	ULH430	1145	WL40	924
TU20	992	ULH-CONN	1142-1146	WM2	813
TU21	990	ULH-CP	1143-1146	WP2	811, 813
TU21R	990	ULH-CP-BL	1142	WP2-FC	813
TU23	992	ULH-DWM	1142-1145	WP2-PG	813
TU24	992	ULH-DWMOC	1142, 1143	WP2-WG	811-813
TU25	992	ULH-DWMOCRS	1142, 1143	WP3	812
TU25R	992	UPF12	1143	XTSV12	1059, 1064
TU26	992	UPF22	1143		
TU28	990	UPF34	1143		
TU29	991	UPF46	1143		
TU34	991	UPLED09	1142		
TU34R	991	UPLED14	1142		

And the winner is ...

Juno Lighting Group products are universally recognized for their innovative technology, energy-efficiency, and style, and regularly find themselves at the top of industry awards competitions. Look at some of the recent honors we've won:

2015

Architectural Products Magazine Product Innovation Award (PIA)

Indy™ Generation 3 L-Series Downlights
Indy Designer Series LED Downlights with Black Body Dimming
Aculux® 2-inch LED Multiple with Scoop Trim
Juno® 900 Lumen 6RLC Commercial Retrofit

Architectural Products Magazine Product Citation Award

Indy Generation 2 ChromaControl – Best Product for an Office

Lighting for Tomorrow

Aculux Tunable White 3-1/4-inch Precision Recessed Luminaire

NGL Next Generation Luminaires

Indy L-Series LED Cylinders
Indy L-Series Downlights

Architectural SSL Product Innovation Awards (PIA)

Indy Designer Series LED Downlight and Wall Wash Luminaire with Black Body Dimming
AccuLite™ PL2 Series LED Bollard
Aculux 2-inch Precision Recessed Hyperbolic Downlight
Aculux 2-inch Precision Recessed Adjustable Luminaire
Juno 2-inch LED Downlights

Consulting-Specifying Engineer Product of the Year

Aculux 3 1/4-inch with BBD/TW – **Finalist**
Juno 2-inch LED Downlights – **Finalist**
Juno Trac 12™ TL214 Low Power Modules (WarmDim and Colors) – **Finalist**
Juno Trac 12 LED Mini-Cylinder Spotlight Gen. 2 – **Finalist**

ADEX

Juno Trac 12 WarmDim® and Color LED Modules
Juno 2-inch LED Downlights and Adjustables
Indy Designer Series LED Downlights and Wall Washers
Aculux 2-inch LED Precision Recessed Luminaires
Aculux 3 1/4-inch LED Precision Recessed Luminaires

2014

Next Generation Luminaires (Indoor)

Indy L-Series LED Retrofit
Indy X-Series 1x4, 2x2 and 2x4
Juno 2-inch LED Round and Square Downlight
Juno Generation 2 Mini LED Round and Square Downlight
Juno Conix® II T267L 64W Trac Luminaire
Juno T259L Wall Wash LED Trac Luminaire
Juno Arc™ XL T275L 26W LED Trac Luminaire
Juno Trac 12™ TL114G2 LED Mini-Cylinder Spotlight
AccuLite™ H1-Series LED Highbay
Aculux 2-inch LED Precision Recessed Multi-Lamp Luminaire
Aculux 3/4-inch LED with Black Body Dimming and Tunable White Technologies

IES Progress Report

Indy L-Series LED Downlights
Indy L-Series LED Adjustables
Indy Designer Series with Black Body Dimming
Aculux 3/4-inch LED with Black Body Dimming and Tunable White Technologies

2014 continued

Aculux 2-inch LED Precision Recessed Adjustable
Juno IC 900 Lumen WarmDim® LED Downlights
Juno T259L Wall Wash LED Trac Luminaire
Juno Trac 12™ TL114G2 LED Mini-Cylinder Spotlight
Juno Arc XL T275L 26W LED Trac Luminaire
Juno Trac 12 TL214LED WarmDim
Juno Conix II T267L 64W Trac Luminaire
Juno 2-inch LED Round and Square Downlight
Aculux 2-inch Hyperbolic Downlight
Aculux 2-inch Hyperbolic Wall Wash

LIGHTFAIR® International Innovation Awards

Aculux 3/4-inch LED Precision Recessed Luminaires –
Winner Recessed Downlights Category
Juno Generation 2 TL114 LED Trac Fixture with Snoot – **Recognized**
Juno Trac 12™ LED WarmDim Modules – **Recognized**
Juno Trac 12 LED Color Modules – **Recognized**
AccuLite PL2 Series LED Bollards – **Recognized**

Architectural SSL Product Innovation Awards (PIA)

Juno TC 1400 Lumen Downlights
Juno Gen 2 Mini Downlights and Gimbals
Indy Downlights with ChromaControl™ Technology
DanaLite Linear Sign Lighter
Juno Recessed Solo-Task
Juno Trac-Master® T271L Arc Series
Juno Trac-Master T261L Conix II Series

Architectural SSL Product Innovation Awards (PIA): Best Control or Optical System

Indy Downlights with ChromaControl™ Technology

Award for Design Excellence (ADEX)

Indy L-Series Generation 2
Indy LED ChromaControl
Juno Conix II LED Trac Lighting

Edison Report Top 10 Products of the Year

Aculux 3/4-inch LED with Black Body Dimming and Tunable White Technologies

Plant Engineering Product of the Year

AccuLite Highbay LED luminaire – **Finalist**
Indy Designer Series – **Finalist**

Architectural Products, Product Innovation Awards (PIA)

Juno Trac 12 WarmDim and Color Modules
AccuLite PL2 Series LED Bollards

EC&M Product of the Year

Indy ChromaControl – **Category Winner**
Indy L-Series Generation 2 LED Downlights
Juno Conix II LED Trac Luminaires

Consulting-Specifying Engineer Product of the Year

Indy ChromaControl – **Finalist**
Indy L-Series Generation 2 – **Finalist**

Building Operating Management Top Products

AccuLite LED Mini-Security Light

Buildings Money-Saving Products

Indy L-Series Generation 2 LED Downlights – **Featured**

2013

IES Progress Report

Indy ChromaControl Architectural LED Downlights
Indy Gen2 LED Downlights with Hyperbolic Reflector
Juno WarmDim® Retrofit LED Trim Modules

Architectural Products Magazine Product Innovation Awards (PIA)

Juno Trac-Master® T271L Arc™ LED
Indy ChromaControl Architectural LED Downlights
Indy Gen2 LED Downlights with Hyperbolic Reflector

NGL Next Generation Luminaires (Outdoor)

AccuLite™ PL2 Series Bollards - **Best in Class**
AccuLite Finia™ LED LW Series - **Best in Class**
AccuLite LED Mini Security Light

NGL Next Generation Luminaires (Indoor)

Juno Trac-Master T254L Cylindra LED – **Best in Class**
Juno Trac-Master T252L Cylindra LED
Juno Trac-Master T265L Conix II LED
Juno Trac-Master T271L Arc LED

American Lighting Association, Consortium for Energy Efficiency and Underwriters Laboratories Lighting for Tomorrow Competition

Juno Trac-Master T271L Arc LED – **Winner**
Juno Cylindra™ T252L, TF252L and TL252L Miniature LED Trac Fixtures – **Honorable Mention**
Juno Slope Ceiling Generation 3 LED Downlights –
Noteworthy Recognition

Architectural SSL Product Innovation Awards

AccuLite LED Mini Security Light
Indy Gen2 LED Downlights with Hyperbolic Reflector
Juno Trac 12™ TL214LED Modules
Aculux® Gen 2 Precision Recessed LED

EC&M Product of the Year

Juno Trac 12™ LT214LED Modules – **Category Winner**

Building Operating Management Top Products

Juno Generation 3 LED Downlights Series

Green Builder Magazine Hot 50 Products

Indy LED Multi-Spot LED Luminaires

Plant Engineering Product of the Year Awards

Indy Retrofit LED Downlight

All these award winners can be found in this easy-to-use Product Guide along with over 50,000 other exceptional products for everything from recessed lighting, to trac systems, to recessed linear luminaires, and outdoor lighting. Another way to access these products is through our user-friendly Web site, www.junolightinggroup.com. There you'll find complete specifications, ordering information, and other helpful resources.

Product Guide or Web site ... you'll find the products you need to create your own award-winning lighting projects.



Juno Lighting Group
1300 South Wolf Road
Des Plaines, IL 60018
Ph: 847.827.9880
www.junolightinggroup.com

Regional Offices & Warehouses

California
Illinois
Indiana
Pennsylvania
Texas
Ontario, CN

Photo Credits

Front Cover

Left to right: Verizon Destination Store, Chicago, Illinois; 37 Volts Light Studio; Mark Steele Photography. The Art Hotel, Denver Colorado; Astula Inc. / Raul J. Garcia Photography. Juno Lighting Group Corporate Headquarters, Des Plaines, Illinois; PictureBoy Photography. Northtown Mall, Spokane, Washington; Mark Steele Photography. UI LABS DMDII; Schuler Shook, Lighting Designers; Christopher Barrett Photography. Overstreet Builders, Model Home, Naperville, Illinois; PictureBoy Photography. Crescent Electric, Minneapolis, Minnesota; Mark Steele Photography. Anaheim Ducks Honda Center, Anaheim, California, Doug Salin Photography.

Page 2

Juno Lighting Group Corporate Headquarters, Des Plaines, Illinois; PictureBoy Photography. Bill & Hillary Clinton National Airport, Little Rock, Arkansas; Doug Salin Photography. LSW Architects, Vancouver, Washington; LSW Architects; Doug Salin Photography. Anaheim Ducks Honda Center, Anaheim, California; Doug Salin Photography. Private Residence, St. Charles, Illinois; PictureBoy Photography.

Page 3

Crate and Barrel, Atlanta, Georgia; Mark Steele Photography. Private Residence, Minneapolis, Minnesota; Alyssa Lee Photography. Private Office, Chicago, Illinois; PictureBoy Photography. Prince George County Spauldings Branch Library, Gant Brunnett Architects; Karl Connolly Photography. White Castle Restaurant; Mark Steele Photography.

Page 4

Private Residence, Key Biscayne, Florida; Diego Fernandez, Lighting Designer, Powerhouse Lighting; Mark Steele Photography.

Page 5

Overstreet Builders, Model Home, Naperville, Illinois; PictureBoy Photography.

Page 8

Clockwise: Verizon Destination Store, Chicago, Illinois; 37 Volts Light Studio, Mark Steele Photography. Toronto Maple Leafs, Air Canada Centre; Paul Nieboer Lighting Designer; David Whittaker Photography. Wintrust Bank, Rosemont, Illinois. Juno Lighting Group Corporate Headquarters, Des Plaines, Illinois; PictureBoy Photography.

Page 9

Clockwise: Overstreet Builders, Model Home, Naperville, Illinois; PictureBoy Photography. Fairview Builders, The Cliffs at Mountain Park; Fairview Builders. Crescent Electric, Minneapolis, Minnesota; Mark Steele Photography. Corporate Parking Lot; PictureBoy Photography. Juno Lighting Group Corporate Headquarters, Des Plaines, Illinois; PictureBoy Photography. The Art Hotel, Denver Colorado; Astula Inc. / Raul J. Garcia Photography. The Westin River North, Chicago, Illinois; PictureBoy Photography.

Page 14

Overstreet Builders, Model Home, Naperville, Illinois; PictureBoy Photography.

Page 226

One Madison Park, New York City, New York; Cooley Monato Studio; Mark Steele Photography.

Page 302

Wintrust Bank, Rosemont, Illinois.

Page 704

Avril Supermarché Santé in Longueuil, Quebec; François Lahaie, Richporter Research in Lighting; Mark Steele Photography.

Page 856

Anaheim Ducks Honda Center, Anaheim, California, Doug Salin Photography.

Page 1136

Overstreet Builders, Model Home, Naperville, Illinois; PictureBoy Photography.

Page 1162

Private Office, Chicago, Illinois, PictureBoy Photography.

©2015 JUNO LIGHTING, LLC. The marks appearing in this catalog are registered trademarks of Juno Lighting, LLC, unless otherwise noted. Products shown in this catalog are covered by U.S. and international patents and patents pending. Specifications subject to change without notice.

Printed in the U.S.A. LIT-JLG-PRODGUIDE 12/15