



LED

Track

Decorative Shades

Pendants

Cylinders

Recessed

Wall Sconce/Ceiling Mount

Accent

Emergency

Industrial Fans

what sets us apart

innovation

We combine the latest energy efficient technology and design styles to create an extensive range of attractive and sustainable luminaires.

We have over 5,000 products, including many high performance

products that can't be found anywhere else. Our Eco Technology solutions offer sustainable energy solutions that meet the qualitative needs of the visual environment with the least impact on the physical environment.



sustainability

At Con-Tech Lighting, our commitment to the environment is as important as our commitment to innovation, quality and our customers. We believe that lighting can be environmentally responsible and energy efficient, while providing high-quality performance and outstanding aesthetic design. EcoTechnology applies to our daily operation as well as to our products; from materials, manufacturing and transportation to the disposal process for our products and by-products.

quality

We use the best components and manufacturing methods resulting in the highest quality fixtures. From cast housings and high performance reflectors, to the testing of each ballasted fixture before it ships; Con-Tech Lighting is defined by its quality. For consistency, we use only the most reliable LED chip makers including Cree, Nichia, Lumileds, Bridgelux and Sharp.

service

Our responsive, personalized customer focus, and market expertise represents an oasis of outstanding service in an industry that values it, but frequently doesn't receive it. We are here for you, live and in person, Monday through Friday 7:30am–5:30pm CST.

product availability and speedship™

Our products are in stock and ready to ship. Our unique SpeedShip™ process helps us toward our goal of shipping 100% of placed orders within 48 hours; at no additional cost to you.



market expertise

Each market has its own unique lighting challenges. Designs can get tricky, having to verify every fixture, test every connector and make certain that every length of track is just right. We have an experienced staff of sales professionals to assist you with your projects from concept to completion.

con-tech lighting awards

The Con-Tech lighting Awards recognize and honor the excellent work of designers, architects, engineers and contractors. Entries are judged on creativity, originality and effective use of Con-Tech products. For more information and to submit entries online, go to www.contechlighting.com/application_gallery/entryform.aspx.





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LED

LED Lighting

LED (Light Emitting Diode) technology is the most sustainable form of artificial illumination available today. Long life, energy savings, great color, and small size are a few of the advantages of LED's, but the LED chip itself is only one part of the story. The chip can offer these benefits only if it is designed into an appropriate LED Fixture System. At Con-Tech Lighting we combine the best LED chips, with Thermal Management, Optical Performance, and Electrical Management to produce high quality, sustainable LED Fixture Systems to meet the needs of designers and our planet alike.

Con-Tech LED products offer many advantages, including:

- For consistency, we use only the most reliable LED chip makers, including Nichia, Cree, Lumileds, Osram, Bridgelux and Sharp.
- 50,000 hours of life depending on application
- No infrared or ultraviolet radiation
- RoHS compliant
- Five (5) year warranty

Track



O2
16W, 28W, 42W LED
CTL805XX
Page 22-23



Optica 18W, 27W LED
CTL802XXX
Page 24-25



OpticaMini
9W, 13W LED
CTL804XXX
Page 26-27



Track Cylinder
18W, 27W LED
CTL800
Page 28



Wall Lighter
56W LED
CTL171
Page 29



Optica 10W AR111
CTL802810L
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Pure Light Saturna
CTL8038LEM
Page 30



Pure Light Drama
CTL5038LEM
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Pure Light Slim Style Gimbal
CTL838/2LEM
Page 31



Pure Light Universal
CTL603LEM
Page 31



7W LED MR16
CTL71164L103
Page 31



7W Closed Back LED
CTL12164L103
Page 32



7W Flat Back LED
CTL11164L103
Page 32



Symphony 5W LED
MCT-3LED
Page 125



Festoon
MCT-201
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Pendants



22W, 30W LED
Pendant
CGL8
Page 220



32W, 59W, 79W
LED Pendant
CGL12
Page 224



3W LED Pendant
CRS7XX6 Series
Page 242



6W LED Pendant
CRS7XX7 Series
Page 244



3W LED Pendant
MRL-3LED
Page 252

Cylinders

Recessed

Wall Sconces



12W Pure Light
PAR38 6" Cylinder
CL6EM
Page 274



12W Pure Light
PAR38 8" Cylinder
CL8EM
Page 278



7W MR16 3"
Universal
LVR3164L
Pages 292-293



16W 1000 Series
29W 2000 Series
4" Universal
RA4LNC
Pages 294-295



16W 1000 Series
29W 2000 Series
45W 2700 Series
6" Universal
RA6LNC
Pages 296-297



12W Pure Light
PAR38 6" Architectural
RL38LEM
Pages 300-301



12W Pure Light
PAR38 6" Architectural
RA638VLEM
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18W, 27W Optica
Concealed Adjustable
RAN18L, RAN27L
Page 420



12W Pure Light
PAR38 Concealed Adjustable
RAN38LEM
Page 421



12W Quadris
WS075
Page 435



5W Taifun
SWS7101
Page 446



5W Phantom
SWS7102
Page 448



5W Elara
SWS7103W
Page 449

Accent



2W Beta AB DS
MSP55766
Page 462



2W Diana
MT30121
Page 462



2W Merker
MT301
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5W Eris
SR2008
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5W Venus
SR2000
Page 463



5W Pluton
SR2004
Page 463



3W Fixed
P1F
Page 464



3W Adjustable
P1FA
Page 464



6W Fixed
P3
Page 464



6W Adjustable
P3A
Page 464



5W Fixed
P31
Page 465



5W Adjustable
P31A
Page 465



5W Smile
SR2006
Page 468



1W Round Marker
P1LR
Page 468



1W Square Marker
P1SQ
Page 468



1W Square
Step Light
P1ST
Page 468



1W Rectangular
Step Light
P1RC
Page 468



2W Compact
Step Light
STPL
Page 469



3W Bedlight
BL3SC
Page 470



3W Bedlight
BL3JM
Page 470



LED Strip
ULED4
Page 477



Tapelight
1.2W/FT Standard Output
TLT12V1
Page 472



Tapelight
1.8W/FT High Output
TLT12V2
Page 472



Tapelight
3.9W/FT RGB Standard Output
TLT12V1
Page 474

Emergency



Exit Sign
EXOHRLED
Page 486



Exit Sign with
Battery Backup
EXOHRLEDEM
Page 486



Exit/Emergency Combo
EX2HRLEDEM
Page 486



Remote Capable LED
Exit/Emergency Combo
EXR2HRLEDEM
Page 487



Adjustable Recessed
or Surface Mount
Edge-Lit Exit Sign
REXASFGEMW
Page 488



Ceiling Mount
Recessed Edge-Lit
Exit Sign
REXELSFGLED
Page 489



Ceiling Mount Recessed
Edge-Lit Exit Sign with
Battery Backup
REXELSFGLEDEM
Page 489



Edge-Lit Exit Sign
with Battery Backup
EXELSFGLDEM
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LED Drivers

Non-Dimming



3W LED Drivers
LED3503,
LED7003
Page 480



12W/17W LED Drivers
LED3512,
LED7017
Page 480



12W LED Drivers
LED3513,
LED7012
Page 480



18W LED Drivers
LED3518,
LED7018
Page 480

Dimming



18W LED Driver
LED3518D
Page 481



36W LED Drivers
LED7036D
Page 481



LED Lamps
Page 508



from Con-Tech Lighting

In 1980 a company named Conservation Technology, Ltd. was founded with the mission of offering products that would help conserve energy. Today, that same company, better known as Con-Tech Lighting, continues its more than 30-year mission of conservation and protection of the environment by offering sustainable energy solutions called Eco-Technology.

Quality sustainable lighting is about balance, art and science. We offer many energy saving lighting solutions that meet our customer's performance and energy needs with the least impact on our physical environment.

We realize that lighting can account for up to 50 percent of a buildings total energy demand so anything we do to make more efficient lighting fixtures will have a big impact on helping to protect the environment and reduce energy bills.

That's why Con-Tech has made a powerful commitment to not just make lighting better, but to make our environment better, too.

*To Learn More About
Sustainable Energy Solutions
from Con-Tech, visit
www.ecocontech.com*

Sustainable Lighting Design
The IALD (International Association of Lighting Designers) defines sustainable lighting design as meeting the qualitative needs of the visual environment with the least impact on the physical environment.





Energy Solutions from Con-Tech

Quality lighting is not just about performance; it's also about energy management. Energy efficient lighting is a competitive tool. With the latest technology and correct application, it is possible to cut energy costs and improve lighting quality to increase the productivity of your space. High-efficiency is key to new design requirements. Some examples of high-efficiency fixtures are our track and down-lights that feature fluorescent and ceramic metal halide lamps. Con-Tech Lighting offers a wide range of solutions to meet these lighting requirements including track, recessed, and rail lighting.



StopAire® Recessed Fixtures

As lighting and energy costs keep rising, lighting fixtures play an important role in energy consumption. Not only is the electricity used to power each fixture a consideration but also each fixture's effect on heating and air conditioning costs. StopAire fixtures by Con-Tech are engineered to minimize lightings effects on heating and cooling costs. Standard recessed housings can allow 6.0 cubic ft. per minute of air leakage to escape into unconditioned spaces. StopAire fixtures prevent this leakage by sealing all air pathways between living areas and over-ceiling spaces. Additionally, these sealed housings can be covered with insulation.



ENERGY STAR Qualified Fixtures

Using Con-Tech's energy-efficient lighting fixtures in buildings not only delivers immediate cost savings but also better system efficiency; offering a sustained productivity increase for even greater value. The ENERGY STAR label is a widely recognized industry qualification awarded to products for energy efficiency.



Custom Fixture Rating Label Service

In order to help meet the power requirements of energy codes such as ASHRAE/IESNA 90.1, Con-Tech offers a Custom Labeling Program. This allows fixture-rating labels to reflect the actual specified wattage rather than the maximum rating of the selected fixture. In cases where conformance to unit-power density requirements becomes a design challenge, this labeling option can help you meet your design requirements. As an example, a 75W PAR30 fixture may be relabeled with a 50W maximum rating resulting in a 25W savings on your energy calculations. To participate in this service please contact your Con-Tech Sales Representative.



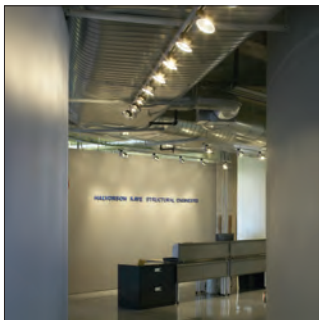
Most markets have their own unique lighting challenges. Con-Tech is proud to offer the products and people to meet those challenges. We have an experienced staff of sales professionals to assist you with your projects from concept to completion.



Material Possessions photo by Con-Tech Lighting.
Lighting design by Powell/Kleinschmidt.

Retail

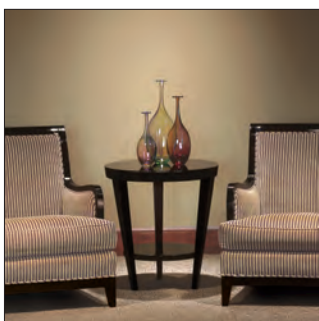
Lighting can make a world of difference when it comes to your store and your bottom line. Track and Recessed Lighting is easy and cost-effective to install and can project your store's image while creating an inviting atmosphere. Not only will the proper use and placement of lighting drive pedestrian traffic to your store, the right illumination can also help sell products and highlight selected items. Con-Tech's broad selection of lighting enables you to enhance and accent key displays and display cases. It also sets the mood and creates a welcoming, comfortable environment for customers.



Halvorson Kaye office photo by Con-Tech Lighting. Design by Powell/Kleinschmidt.

Commercial

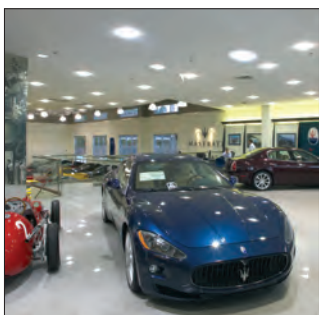
Lighting from Con-Tech is a valuable tool for enhancing office productivity, boosting company morale and making a statement about your place of business. With our Track and Recessed Lighting lines, you can use variable illumination such as perimeter wall washers and down lighting to make a room appear larger and more inviting. Con-Tech's Track Lighting can also provide effective spotlighting for accenting guest speakers and presentation materials. Track Lighting can also highlight your lobby by drawing the eye to company logos, project photos and industry awards.



Residence photo by Con-Tech Lighting.

Residential

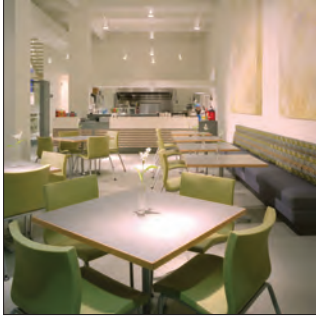
Con-Tech Lighting adds a new dimension to residential lighting by bringing a custom-design look to the home. Our broad selection of Track and Recessed designs allows you to create the right lighting for any décor. Distinct illumination techniques, such as island lighting or accent lighting can transform a previously unlit space. Our Symphony Mini-Track lighting is ideal for use in cabinets or cove lighting. If the setting calls for more traditional lighting, our Track and Recessed Lighting are excellent choices for in-home spaces or virtually any other application.



Auto Showroom photo by Con-Tech Lighting.

Automotive

An automotive showroom must not only be inviting to draw customers in, but must also merchandise the cars properly. Con-Tech offers an extensive selection of fixtures which can create a unique and bright showroom experience as well as intimate waiting areas and sales rooms. Our products surpass the most stringent requirements of auto dealerships for color control, performance, and energy efficiency.



Jacksonville Museum of Modern Art by Neil Rashba Photography.

Hospitality

Whether the mood calls for a dramatic or serene setting, Con-Tech's selection of lighting allows owners and designers of hotels, restaurants and casinos to easily create the desired atmosphere for their establishment. From a cozy, intimate environment, to a spacious open area, our lighting can give any space the ambiance you desire. Used effectively, lighting from Con-Tech can beautifully accent artwork, seating areas, architectural detailing and more.



Store photo by Con-Tech Lighting.

Supermarket

The effective placement of Con-Tech Lighting in supermarket store environments greatly enhances the overall appearance of your merchandise. It's a key element in creating visual appeal and branding your store. The versatility of track systems make them easily adjusted by onsite store personnel, giving you the flexibility to change your lighting as often as you change your displays. Correctly illuminating your shopping atmosphere and enhancing the colors and textures of departments such as produce, bakery, and floral can positively impact your bottom line.



Store photo by Con-Tech Lighting.

Furniture

Furniture stores are unique lighting challenges. It is important to incorporate flexibility along with style, simplicity, color and energy efficiency. Choosing the right lighting is critical for projecting the desired store image, focusing and attracting attention and enhancing the appeal of merchandise leading to purchase. Con-Tech offers an unsurpassed selection of concealed adjustable, illumination, track, and flexible track, both line and low voltage, and decorative luminaires to give you a complete palette from which to create your signature design.



Jewelry photo by Con-Tech Lighting.

Jewelry

The right lighting creates a mood and atmosphere to support your store image and enhance product color, texture and sparkle. Jewelry stores present unique lighting challenges; there is no single formula to abide by or a "one size fits all" approach. It is important to create a careful balance between style, simplicity, color, flexibility, and energy efficiency. Con-Tech Lighting is exceptionally qualified to fulfill all your lighting needs. With an unsurpassed selection of track systems, as well as recessed downlighting, concealed adjustable illumination and many decorative luminaires, Con-Tech gives you a complete palette from which to create your signature design.

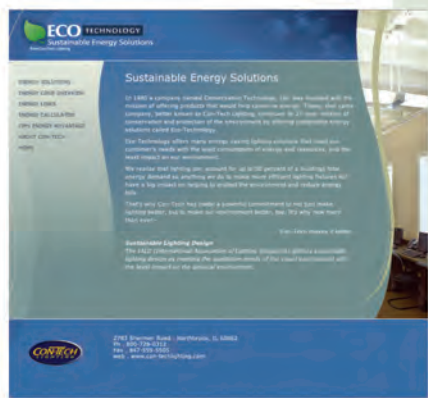


Our website offers more valuable tools and resources than ever. Log on to con-techlighting.com to find the latest industry and product updates, as well as complete product catalogs, IESNA photometric data, customizable specification sheets, downloadable high resolution product images, extensive search capabilities (by fixture type, lamp, wattage, and specialty listing), market specific solutions, and installation instructions. And don't miss our application gallery, where you can browse through an array of product applications and images that can serve as a springboard for your design ideas.



CON-TECH LIGHTING

Providing even more online resources





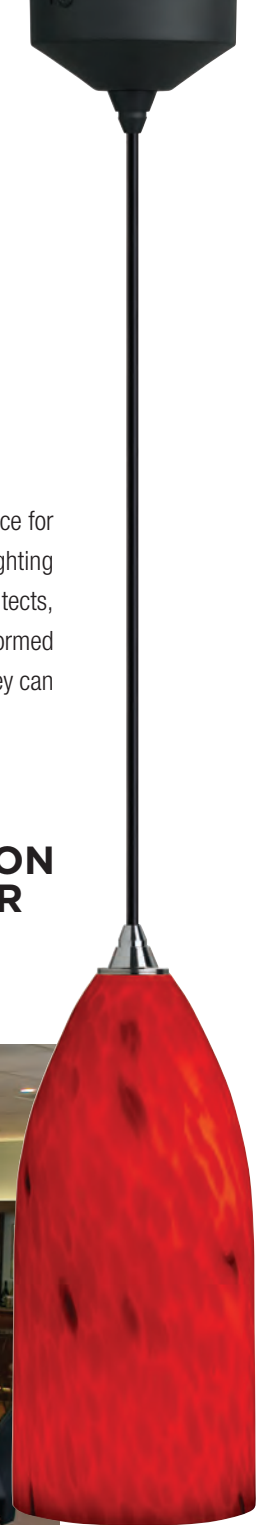
Lighting Education and Training

Our education center, located at our Northbrook, Illinois corporate headquarters, is a great resource for professional growth. Our Continuing Education (CEU/LEU) accredited seminars have lighting professionals visiting us from all over North America including specifiers, designers, architects, distributors, sales representatives, and more. Our mission is to leave all our visitors better informed about the latest lighting technology, lighting design solutions, and energy code applications so they can better service their customers.

Con-Tech Lighting is a registered provider with the AIA/CES (LU) and USGBC/GBCI (CE). In addition, our training sessions are accredited by other organizations including: the ALA (CLC), ASID (CEU) and NCQLP (LEU).



EDUCATION PROVIDER





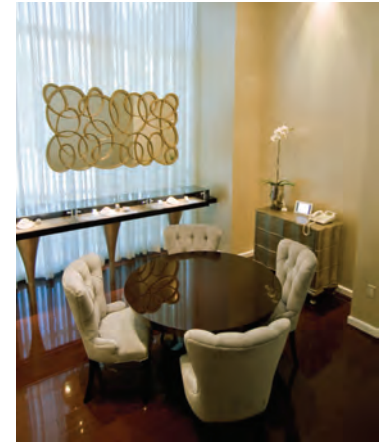
8500

POINT

CONTECH

lighting awards

The Con-Tech Lighting Awards recognize and honor the excellent work of designers, architects and specifiers of lighting using Con-Tech products. Entries are judged on creativity, originality and effective use of Con-Tech Lighting products.



Con-Tech Lighting Award Winners

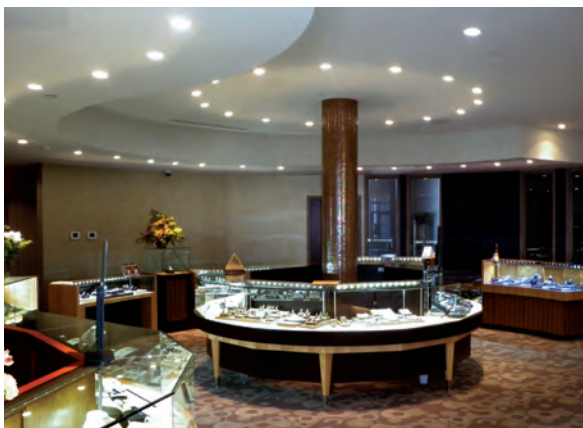
Since 1999 the Con-Tech Lighting Awards have showcased many talented artists who beautifully blend their vision of light and space to create innovative environments. Shown is a sample of their work. For complete details on past winners, please check them out on our website at:

www.con-techlighting.com/gallery

Entries are accepted in many categories including, but not limited to: Commercial, Retail, Hospitality and Residential. In addition to recognition and trophies, \$2,000 will be awarded to the winning Specifying Designer and \$2,000 to the winning Sales Representative in each category.

To enter: Enter online or download an entry form at:

www.con-techlighting.com





Lululemon retail store photo by Con-Tech Lighting.

design
style
and
versatility



Con-Tech Lighting's comprehensive track lighting offering achieves the perfect balance of advanced technology coupled with distinctive designs. Whether you are looking for the unlimited design possibilities and configurations of our Sirius, Magellan, and Odyssey Flexible Track Systems, or the traditional performance and versatility of our Line Voltage and Symphony Low Voltage Track Systems, Con-Tech Lighting has the solution to your lighting application.

t r a c k l i g h t i n g



Enhance the effects of your lighting design with light control accessories available for a wide variety of fixtures.

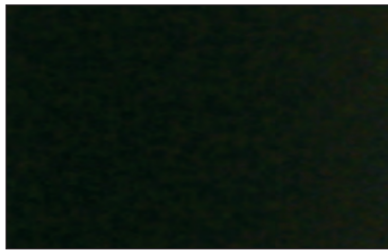
Compatible with all of our lighting systems is a vast collection of decorative glass. Create an extraordinary atmosphere by mounting these glass shades on pendants from our Flexible Track, Traditional Track, or mono-point ceiling systems.



t r a c k f i x t u r e f i n i s h e s



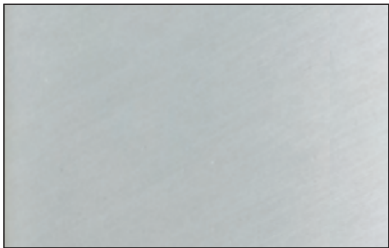
Antique Bronze



Black



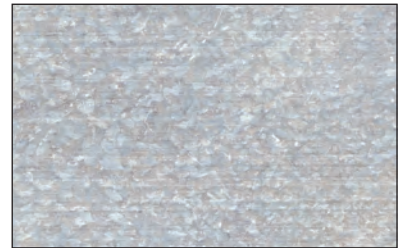
Grey



Silver



Satin Chrome



UNLook



White

TRACK SYSTEMS

LED Track Fixtures *Pages 22 - 32* **LED**

Con-Tech Lighting has incorporated the latest LED technology into track fixtures that achieve the perfect balance of advanced technology coupled with distinctive design.



Stealth 22W and 39W Mini Wall Lighter *Page 38*

This specification grade CMH track fixture features a compact, low profile design. The die cast aluminum housing offers an aesthetically pleasing look to the space while using energy efficient, low wattage ceramic metal halide technology. Select from a flood distribution that provides a large rectangular beam pattern for maximum coverage, or a wall wash distribution that evenly illuminates the wall from floor to ceiling.



Metal Halide Track Fixtures *Pages 39 - 52*

Utilizing the latest in Ceramic Metal Halide lamp technology, Con-Tech's electronically ballasted, CMH track fixtures lead the way offering lighting designers unparalleled versatility and power in esthetically pleasing and energy efficient fixture designs. CMH track lighting is ideal for maximizing the visual impact of your retail or commercial space providing superior color rendition, a brighter source of light and significant energy savings.



Fluorescent Fixtures *Pages 58 - 62*

High-lumen output fluorescent floodlights deliver exceptionally smooth, even wall-wash lighting. Ideal for retail and other commercial environments, including new construction and retrofit usage, these energy efficient fixtures provide high-performing illumination and up to 70% energy savings over ordinary incandescent lighting.



Line Voltage Incandescent Fixtures *Pages 64 - 81*

Con-Tech's line voltage incandescent fixtures utilize a variety of lamp options for either general or accent lighting. You'll be delighted with the many ways it allows you to select the precise light for creating any atmosphere.



Track Kits *Page 79*

Track kits are a convenient and economical choice for builders. Available in three fixture kits complete with track and floating electrical outlet feed. They may be used as starter kits by adding connectors and additional track sections.



Low Voltage Eclipse Fixtures *Pages 86 - 87*

These low voltage fixtures offer an economical alternative to our standard low voltage fixtures. The aluminum fixture housing and polycarbonate transformer housing provide a lighting solution for those that are on a strict budget.



Low Voltage Fixtures *Pages 88 - 95*

A versatile and efficient choice for creating high-impact lighting in retail displays, restaurants and commercial environments. Con-Tech offers countless options in terms of low voltage lamp types, wattages and beam spreads. And for additional flexibility, many of our low voltage lights are designed to match our line voltage fixtures for a seamless lighting design.



Track and Accessories *Pages 100 - 123*

Con-Tech Track fits into virtually any lighting design. An extensive selection of track and accessories are offered in our single circuit, two-circuit and two circuit/two neutral offerings.

- **Single Circuit Track**

A myriad of configurations are possible with these 20 amp rated track sections and connectors.

- **Two-Circuit Track**

Enhance the versatility of your track system by installing two-circuit track.

- **Single and Two-Circuit Track Installation Accessories**

- **Two-Circuit/Two Neutral Track and Accessories**

An ideal track system for dimming intensive applications.

- **Lux Beam Lighting Track and Ceiling Beam Grid System**

System offers track flexibility and grid beam structure to add “people scale” to any space.



Symphony Mini-Track System *Pages 126 - 139* **LED**

Low Voltage Symphony Mini-Track offers a powerful light source that defies miniature size. Ideal for accenting, highlighting and enhancing, you'll be amazed that something so small can perform so big. Utilize a wide variety of fixtures, track lengths with various accessories, transformers and installation accessories to customize your lighting plans.



FLEXIBLE SYSTEMS

Low Voltage Sirius Flexible Track *Pages 142 - 156* **LED**

Sirius Low Voltage Flexible Track offers unmatched linear flexibility combined with fixtures that are positionable at any point along the track. Fixtures are milled from solid brass and finished in hand-polished chrome, platinum or 24K polished gold plate.



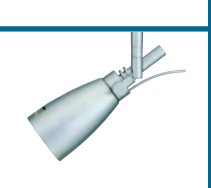
Low Voltage Quick Release System *Pages 158 - 164* **LED**

The Quick Release Lighting System offers endless lighting combinations with convenient adaptability. Use these low voltage flexible track fixtures with our Odyssey and Magellan Flexible Track Systems, our Low Voltage Symphony Mini-Track System, our Line Voltage Track System, or ceiling mono-point canopies.



Low Voltage Magellan Flexible Track *Pages 166 - 174* **LED**

Low Voltage Flexible Track offers greater solutions than standard track systems. Utilize a variety of fixtures, track lengths, accessories and transformers to customize your lighting configurations. The curvable track allows endless design patterns.

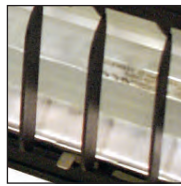


Line Voltage Odyssey Flexible Track *Pages 175-187* **LED**

Line Voltage Flexible Track delivers the ease of using a line voltage installation, and offers greater solutions than standard track systems. The curvable track allows endless design patterns.







l i n e v o l t a g e t r a c k

- LED fixtures
- metal halide fixtures
- fluorescent fixtures
- incandescent fixtures
- track kits
- low voltage eclipse fixtures
- low voltage fixtures
- 1 circuit track & accessories
- 2-circuit track & accessories
- 2-circuit, 2 neutral track & accessories
- 2-circuit, 2 neutral fixtures
- Lux Beam

Con-Tech's Line Voltage Track Lighting utilizes a variety of lamp options for general, task, or accent lighting. You'll delight in the many ways it allows you to select the precise light for creating your desired ambiance. Our fixtures that utilize LED, HID or compact fluorescent lamps provide a powerful, esthetically pleasing, light source that is also energy-efficient. Our low-voltage and 120 volt halogen lamp models provide exceptional color and beam control. When it comes to design and aesthetics, Con-Tech has contemporary style pendants with decorative glass to fit everyone's tastes. Combining our fixture offerings along with our broad selection of track and installation accessories, Con-Tech's Line Voltage Track Lighting provides the versatility and flexibility you need to design any atmosphere.

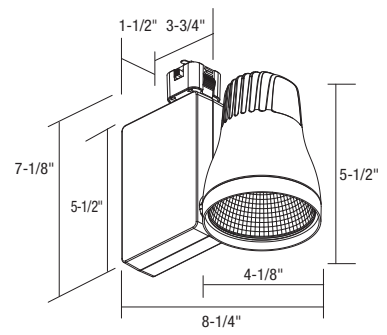
LED

O2 - 16W, 28W and 42W LED Track Fixtures - Vertical



CTL8051VS27N-P

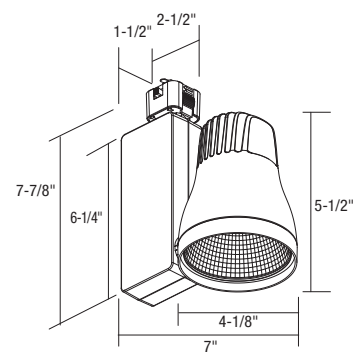
The O2 line of LED track fixtures are available in three (3) wattages; 16W, 28W and 42W. Each O2 fixture features a single high lumen output multi-chip LED array. Specular reflectors provide smooth, precise uniform beams. Select from spot, medium or flood beam distributions, in 2700K, 3000K or 3500K. Dimming is available and allows smooth illumination down to less than 10%. Vertically oriented die-cast aluminum driver housing with die-cast aluminum heat-sink includes vertically oriented fins engineered for optimal heat dissipation. Lockable, precision aiming enables 360°+ horizontal rotation and 180° vertical aiming adjustment. Integral on/off switch and track polarity indicator are standard.



Will accept one (1) LF20 lens or LA-45 louver
 For compatible dimmers, see page 33.
 Finish: - B, P, S



CTL8052VTM35N-P



Thin Housing Option

Ordering Information:

CTL8051V – 16W Vertical	S – Spot Beam	27 – 2700K	N – Non-Dimming	B – Black
CTL8052V – 28W Vertical	M – Medium Beam	3 – 3000K	D – Dimming	P – White
CTL8053V – 42W Vertical	F – Flood Beam	35 – 3500K		S – Silver

Thin Housing Option
 (non-dimming only)
CTL8052VT – 28W Vertical

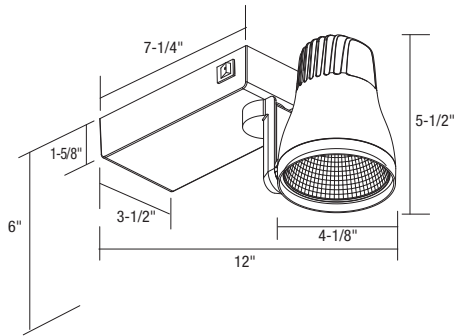
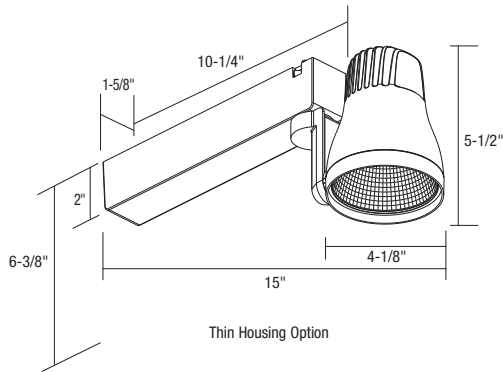
ORDER EXAMPLE:

CTL8051VM3N-P

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black **P** - White **S** - Silver

LED**CTL8051HS27N-P****CTL8051HTS27N-P**

O2 - 16W, 28W and 42W LED Track Fixtures – Horizontal

The O2 line of LED track fixtures are available in three (3) wattages; 16W, 28W and 42W. Each O2 fixture features a single high lumen output multi-chip LED array. Specular reflectors provide smooth, precise uniform beams. Select from spot, medium or flood beam distributions, in 2700K, 3000K or 3500K. Dimming is available and allows smooth illumination down to less than 10%. Horizontally oriented die-cast aluminum driver housing with die-cast aluminum heat-sink includes vertically oriented fins engineered for optimal heat dissipation. Precision aiming enables 360°+ horizontal rotation and 180° vertical aiming adjustment. Integral on/off switch and track polarity indicator are standard.

Will accept one (1) LF20 lens or LA-45 louver

For compatible dimmers, see page 33.

Finish: - B, P, S

Ordering Information:

CTL8051H – 16W Horizontal	S – Spot Beam	27 – 2700K	N – Non-Dimming	B – Black
CTL8052H – 28W Horizontal	M – Medium Beam	3 – 3000K	D – Dimming	P – White
CTL8053H – 42W Horizontal	F – Flood Beam	35 – 3500K		S – Silver

Thin Housing Option
(non-dimming only)

CTL8052HT – 28W Horizontal

CTL8053HT – 42W Horizontal

*High CRI (90+) option available, consult factory.

ORDER EXAMPLE:

CTL8051HM3N-P

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

S - Silver



Optica 18W and 27W LED Track Fixtures – Vertical

These 18W and 27W LED track fixtures feature high lumen output LED modules that provide smooth, uniform beams. Select from spot, medium or flood beam distributions, in 2700K, 3000K and 3500K. Dimming is available and allows smooth illumination down to 10%. Vertically oriented die-cast aluminum driver housing with die-cast aluminum heat-sink includes vertically oriented fins engineered for optimal heat dissipation. Lockable, precision aiming enables 360°+ horizontal rotation and 180° vertical aiming adjustment. Integral on/off switch and track polarity indicator are standard.

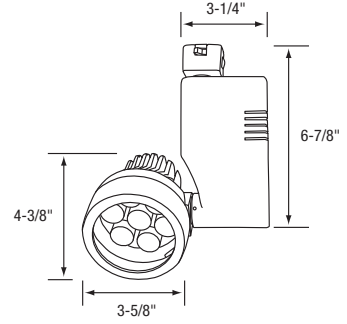
Will accept one (1) LF18 lens or louver.

For compatible dimmers, see page 33.

Finish: - B, P, S



CTL802818LS27-P



Ordering Information:

CTL802818L – 18W Vertical
 CTL802927L – 27W Vertical

S – Spot Beam **27** – 2700K
M – Medium Beam **3** – 3000K
F – Flood Beam **35** – 3500K

(blank) – Non-Dimming
D – Dimming

B – Black
P – White
S – Silver

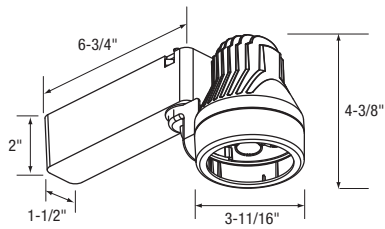
ORDER EXAMPLE:

CTL802818LM3-P

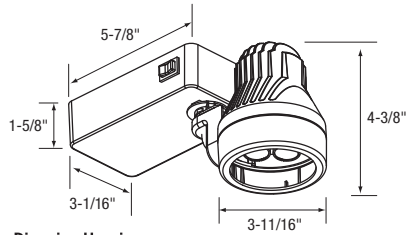
*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black **P** - White **S** - Silver



Non-Dimming Housing
18W Horizontal



Dimming Housing
27W Horizontal
18W Horizontal (Dimming)



CTL802818LHS3N-P



CTL802927LHS27D-P

Optica 18W and 27W LED Track Fixtures – Horizontal

These 18W and 27W LED track fixtures feature high lumen output LED modules that provide smooth, uniform beams. Select from spot, medium or flood beam distributions, in 2700K, 3000K and 3500K. Dimming is available and allows smooth illumination down to 10%. Note: 18W dimming option requires larger housing, see drawing for details. Horizontally oriented die-cast aluminum driver housing with die-cast aluminum heat-sink includes vertically oriented fins engineered for optimal heat dissipation. Precision aiming enables 360°+ horizontal rotation and 180° vertical aiming adjustment. Integral on/off switch and track polarity indicator are standard.

Will accept one (1) LF18 lens.

For compatible dimmers, see page 33.

Finish: - B, P, S

Ordering Information:

CTL802818LH – 18W Horizontal	S – Spot Beam	27 – 2700K	N – Non-Dimming	B – Black
CTL802927LH – 27W Horizontal	M – Medium Beam	3 – 3000K	D – Dimming	P – White
	F – Flood Beam	35 – 3500K		S – Silver

ORDER EXAMPLE:

CTL802818LHM3N-P

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

S - Silver

LED

OpticaMini 9W and 13W LED Track Fixtures – Vertical



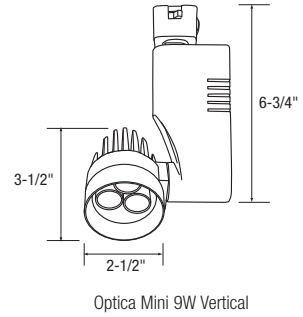
CTL804L1VM3N-P

These 9W and 13W Optica Mini fixtures provide high performance output in a small scale. Featuring high lumen output LED modules that provide smooth, uniform beams. Select from spot, medium or flood beam distributions, in 2700K, 3000K and 3500K. Dimming is available (13W only) and allows smooth illumination down to 10%. Vertically oriented die-cast aluminum driver housing with die-cast aluminum heat-sink includes vertically oriented fins engineered for optimal heat dissipation. Lockable, precision aiming enables 360°+ horizontal rotation and 180° vertical aiming adjustment. Integral on/off switch and track polarity indicator are standard.

Will accept one (1) LF16 lens or FA-16 50MM louver (must be used with FA-804 accessory holder).

For compatible dimmers, see page 33.

Finish: - B, P, S



Ordering Information:

CTL804L1V – 9W Vertical
CTL804L2V – 13W Vertical

S – Spot Beam
M – Medium Beam
F – Flood Beam

27 – 2700K
3 – 3000K
35 – 3500K

N – Non-Dimming
D – Dimming (13W only)

B – Black
P – White
S – Silver

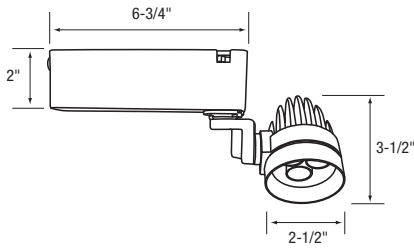
ORDER EXAMPLE:

CTL804L1VM3N-P

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black **P** - White **S** - Silver



CTL804L1HM3N-P

OpticaMini 9W and 13W LED Track Fixtures – Horizontal

These 9W and 13W Optica Mini fixtures provide high performance output in a small scale. Featuring high lumen output LED modules that provide smooth, uniform beams. Select from spot, medium or flood beam distributions, in 2700K, 3000K and 3500K. Dimming is available (13W only) and allows smooth illumination down to 10%. Horizontally oriented die-cast aluminum driver housing with die-cast aluminum heat-sink includes vertically oriented fins engineered for optimal heat dissipation. Precision aiming enables 360°+ horizontal rotation and 180° vertical aiming adjustment. Integral on/off switch and track polarity indicator are standard.

Will accept one (1) LF16 lens or FA-16 50MM louver (must be used with FA-804 accessory holder).

For compatible dimmers, see page 33.

Finish: - B, P, S

Ordering Information:

CTL804L1H – 9W Horizontal	S – Spot Beam	27 – 2700K	N – Non-Dimming	B – Black
CTL804L2H – 13W Horizontal	M – Medium Beam	3 – 3000K	D – Dimming (13W only)	P – White
	F – Flood Beam	35 – 3500K		S – Silver

ORDER EXAMPLE:

CTL804L1HM3N-P

*For use on other manufacturer’s track systems, see page 112.

Fixture Finish Codes

B - Black **P** - White **S** - Silver



LED Track Cylinder – 18W and 27W Dimmable

These 18W and 27W LED track fixtures feature high lumen output LED modules that provide smooth, uniform beams. Select from spot, medium or flood beam distributions, in 2700K, 3000K and 3500K. Dimming is included and allows smooth illumination down to 10%. The sleek, cylindrical extruded aluminum housing includes vertically oriented fins engineered for optimal heat dissipation. Lockable, precision aiming enables 350° horizontal rotation and 180° vertical aiming adjustment. Integral on/off switch and track polarity indicator are standard.

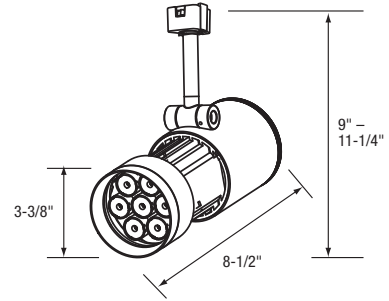
Will accept one (1) LF18 lens or louver

For compatible dimmers, see page 33.

Finish: - B, P, S



CTL8001M3D-S



Ordering Information:

CTL800

1 – 18W	S – Spot Beam	27 – 2700K	D – Dimming	B – Black
2 – 27W	M – Medium Beam	3 – 3000K		P – White
	F – Flood Beam	35 – 3500K		S – Silver

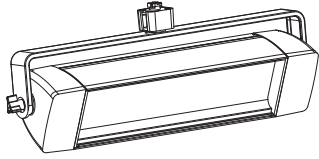
ORDER EXAMPLE:

CTL8001M3D-P

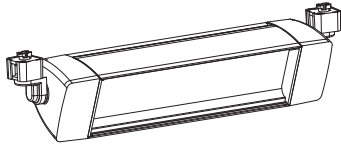
*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black P - White S - Silver



Wall Lighter Swivel Mount



Wall Lighter Fixed Mount



CTL171SM3D-P

LED Wall Lighter – 56W Dimmable

High lumen output LED wall lighter provides exceptionally smooth, even illumination well suited for any retail or commercial application. Extruded aluminum housing / heat sink provides excellent heat dissipation while maintaining a sleek look. The 56W LED fixture is available in three (3) color temperatures: 2700K, 3000K and 3500K and is dimmable down to 10%. Choose from two (2) mounting options; the swivel option includes one track connector and a heavy duty mounting yoke providing 360° horizontal rotation and 180° vertical adjustment with two (2) locking knobs. The fixed mounting option utilizes two (2) track connectors that position the fixture close to the ceiling for a clean, integrated appearance.

Will accept one (1) FA-42-(B,P,S)

For compatible dimmers, see page 33.

Finish: - B, P, S

Ordering Information:

CTL171

S – Swivel 1-Connector	M – Medium Beam	27 – 2700K 3 – 3000K 35 – 3500K	D – Dimming	B – Black P – White S – Silver
F – Fixed 2-Connectors				

ORDER EXAMPLE:

CTL171SM3D-P

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

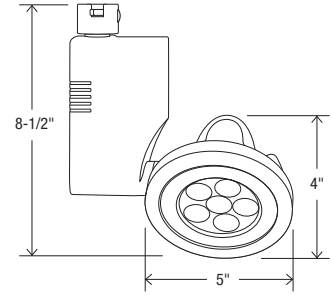
B - Black **P** - White **S** - Silver

LED



Optica 10W LED AR111 Track Fixtures

- CTL802810L153 - 10W 3000K with 15 Degree Beam**
- CTL802810L253 - 10W 3000K with 25 Degree Beam**
- CTL802810L403 - 10W 3000K with 40 Degree Beam**
- CTL802810L154 - 10W 4000K with 15 Degree Beam**
- CTL802810L254 - 10W 4000K with 25 Degree Beam**
- CTL802810L404 - 10W 4000K with 40 Degree Beam**
- CTL802810L156 - 10W 6000K with 15 Degree Beam**
- CTL802810L256 - 10W 6000K with 25 Degree Beam**
- CTL802810L406 - 10W 6000K with 40 Degree Beam**



These fixtures feature a replaceable LED module consisting of 6 LEDs consuming 10 watts of power. The AR111-type LED module is available in cool white (6000K), neutral white (4000K), or warm white (3000K) color temperatures with three beam distributions available: 15 degrees, 25 degrees and 40 degrees. The die cast aluminum housing features a vertical housing and provides lockable, precision aiming adjustment with 360°+ horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard.

Finish: - B, P, S

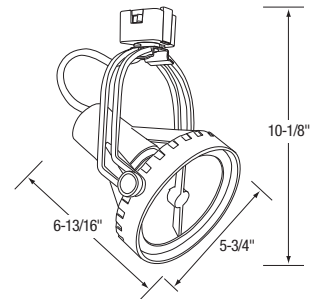
LED



Pure Light PAR38 LED Saturna™

- CTL8038LEM - 11W E26 Base**
- CTL8038LGM - 11W GU24 Base**

This 11W Pure Light Led fixture provides a better way to generate white light by using a patented mixture of unsaturated yellow and saturated red LEDs. Designed for 50,000 hours, this fixture features a CRI of 93 with an R9 red color value of 93. The intelligent color management system maintains color consistency over time and temperature. The 19° beam offers high visual comfort and great cut-off.



The die cast aluminum housing features an open design for cooler operation and convenient front relamping. "Sure-Set" yoke provides accurate aiming without tools. The fixture provides 358° horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 11W PAR38 Pure Light LED Lamp, 120V, 60Hz Only, Dimmable to 20%

For compatible dimmers, see page 33.

LEM Finish: - B, P, S, U

LGM Finish: - B, P, S

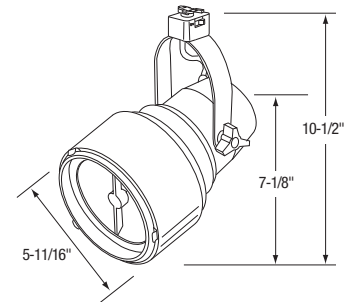
LED



Pure Light PAR38 LED Drama

- CTL5038LEM - 11W E26 Base**
- CTL5038LGM - 11W GU24 Base**

This 11W Pure Light Led fixture provides a better way to generate white light by using a patented mixture of unsaturated yellow and saturated red LEDs. Designed for 50,000 hours, this fixture features a CRI of 93 with an R9 red color value of 93. The intelligent color management system maintains color consistency over time and temperature. The 19° beam offers high visual comfort and great cut-off.



The die cast aluminum housing features an open design for cooler operation and convenient front relamping. "Sure-Set" yoke provides accurate aiming without tools. The fixture provides 358° horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 11W PAR38 Pure Light LED Lamp, 120V, 60Hz Only, Dimmable to 20%

For compatible dimmers, see page 33.

Finish: -B, P, S

*For use on other manufacturer's track systems, see page 112.

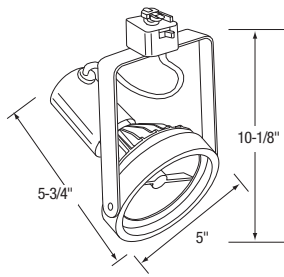
Fixture Finish Codes

B - Black

P - White

S - Silver

U - UNLook



Pure Light PAR38 LED Slim Style Gimbal

CTL838/2LEM - 11W E26 Base
CTL838/2LGM - 11W GU24 Base

This 11W Pure Light Led fixture provides a better way to generate white light by using a patented mixture of unsaturated yellow and saturated red LEDs. Designed for 50,000 hours, this fixture features a CRI of 93 with an R9 red color value of 93. The intelligent color management system maintains color consistency over time and temperature. The 19° beam offers high visual comfort and great cut-off.

The 2-plane gimbal design permits the maximum horizontal and vertical swivel for excellent aiming, and the "Sure-Set" yoke holds the fixture firmly in place. Integral on/off switch and track polarity indicator are standard.

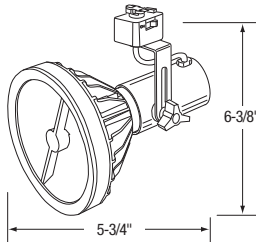
Max. Lamp: 11W PAR38 Pure Light LED Lamp, 120V, 60Hz Only, Dimmable to 20%

For compatible dimmers, see page 33.

2LEM Finish: - B, P, S, U
 2LGM Finish: - B, P, S



LED



Pure Light PAR38 LED Universal Lampholder

CTL603LEM - 11W E26 Base

This 11W Pure Light Led fixture provides a better way to generate white light by using a patented mixture of unsaturated yellow and saturated red LEDs. Designed for 50,000 hours, this fixture features a CRI of 93 with an R9 red color value of 93. The intelligent color management system maintains color consistency over time and temperature. The 19° beam offers high visual comfort and great cut-off.

Features a half yoke design with a slide adjustment slot to maximize the fixture height options. Integral on/off switch and track polarity indicator are standard.

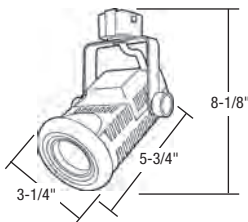
Max. Lamp: 11W PAR38 Pure Light LED Lamp, E26 Medium Base, 120V, 60Hz Only, Dimmable to 20%

For compatible dimmers, see page 33.

Finish: -B, P, S



LED



7W LED Track Fixture with Magnetic Transformer

CTL71164L103 - 7W 3000K with 8 Degree Beam
CTL71164L253 - 7W 3000K with 25 Degree Beam
CTL71164L353 - 7W 3000K with 35 Degree Beam

High performance LED track fixture with replaceable LED MR16 lamp allows a simple and inexpensive way to change beam spreads and color temperature without having to buy a new fixture. Warm white (3000K) LEDs are available in 8°, 25° or 35° beam distributions. Die cast aluminum, vertical housing contains magnetic transformer (120/12V). Rugged steel "Sure Set" yoke design for precise aiming without tools and full 360°+ horizontal rotation; 180° vertical rotation. Integral ON/OFF switch and track polarity indicator are standard. GU5.3 base.

Finish: - B, P, S



LED

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

S - Silver

LED

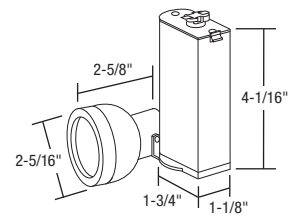
7W LED Closed-Back Track Fixtures

- CTL12164L103 - 7W 3000K with 8 Degree Beam**
- CTL12164L253 - 7W 3000K with 25 Degree Beam**
- CTL12164L353 - 7W 3000K with 35 Degree Beam**



High performance LED track fixture with replaceable LED MR16 lamp allows a simple and inexpensive way to change beam spreads and color temperature without having to buy a new fixture. Warm white (3000K) LEDs are available in 8°, 25° or 35° beam distributions. Die cast aluminum, vertical housing contains transformer (120/12V, 0.6W - 60W range). Adjustable to 180° horizontal rotation; 180° vertical rotation. GU5.3 base.

Finish: - B, P, S



LED

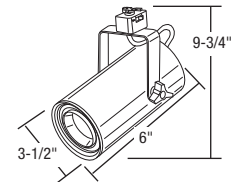
7W LED Flat Back Track Fixtures

- CTL11164L103 - 7W 3000K with 8 Degree Beam**
- CTL11164L253 - 7W 3000K with 25 Degree Beam**
- CTL11164L353 - 7W 3000K with 35 Degree Beam**



High performance LED track fixture with replaceable LED MR16 lamp allows a simple and inexpensive way to change beam spreads and color temperature without having to buy a new fixture. Warm white (3000K) LEDs are available in 8°, 25° or 35° beam distributions. Die cast aluminum, vertical housing contains magnetic transformer (120/12V). Rugged yoke for balanced fixture adjustment and full 360°+ horizontal rotation; 180° vertical rotation. Integral ON/OFF switch and track polarity indicator are standard. GU5.3 base.

Finish: - B, P, S



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

- B** - Black
- P** - White
- S** - Silver

Optica 18W LED Track Fixture Dimming Capability

The following Con-Tech Products are compatible with most electronic low voltage dimmers, and have been tested with the dimmers listed below.

LED PRODUCTS

Optica 18W LED Track Fixture: **CTL802818L**

Quadris 12W LED Wet Location Wall Sconce: **WS07512LD**

LED DIMMERS*

Standard Dimmers:

- Cooper Aspire Series
- Leviton Illumitech Series
- Leviton SureSlide Series
- Leviton Trimatron Series
- Leviton True Torch Series
- Lutron Maestro Series
- Lutron Skylark Series

Electronic Low Voltage Dimmers:

- Leviton Acenti
- Lutron Faedra
- Lutron Nova T Series

*Testing has been performed on these dimmers, but this does not imply any warranty of compatibility.



Pure Light Dimming Capability

The following Con-Tech Products are compatible with most electronic low voltage dimmers, and have been tested with the dimmers listed below.

LED PRODUCTS

PAR38 Pure Light LED with E26 Base, which includes the following products:

CL6EM, CL8EM, CTL838/2LEM, CTL8038LEM, CTL5038LEM, CTL603LEM, RL38LEM, RL38ICLEM, RL38ICRLEM, RA638VLEM, RAN38LEM

LED DIMMERS*

- Leviton Acenti
- Leviton Digital Push
- Leviton MDE03-1LW
- Leviton Slide Dimmer
- Leviton Sureslide
- Lutron DIVA
- Lutron Faedra
- Lutron Maestro
- Lutron Nova T

*Testing has been performed on these dimmers, but this does not imply any warranty of compatibility.





Colored Glass Filters

- LF16**
2"Dia.
Finish: - A, B, G, LB, R, RO, Y
- LF18**
3-1/16"Dia.
Finish: - A, B, G, LB, R, RO, Y
- LF20**
3-3/4"Dia.
Finish: - A, B, G, LB, R, RO, Y
- LF30**
4-11/16"Dia.
Finish: - A, B, G, LB, R, RO, Y
- LF40**
5-7/16"Dia.
Finish: - A, B, G, LB, R, RO, Y



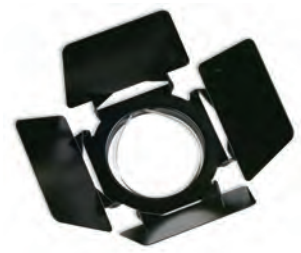
Optical Filters

- LF16**
2"Dia.
Finish: - 73, CL, DPE, LS, SL, SOL, UV
- LF18**
3-1/16"Dia.
Finish: - 73, CL, DPE, LS, SL, UV
- LF20**
3-3/4"Dia.
Finish: - 73, CL, DPE, LS, MDP, SL, UV
- LF30**
4-11/16"Dia.
Finish: - 73, CL, DPE, LS, SL, UV
- LF40**
5-7/16"Dia.
Finish: - 73, CL, DPE, LS, SL, UV



Egg Crate Louvers

- LA-38**
(For CTL838/2L)
Finish: - B, P, S
- LA-39**
(For CTL8038L and CTL5038L)
Finish: - B, P, S
- LA-44**
(For CTL802818L, CTL802927L, CTL802818LH and CTL802927LH)
Finish: - B, P, S



- BD16A***
Black Barn Door with Accessory Clips
(For CTL804L1V, CTL804L2V, CTL804L1H AND CTL804L2H)
 - BD38***
Black Barn Door with Accessory Clips
(For CTL838/2L)
 - BD40***
Black Barn Door with Accessory Clips
(For CTL8038L and CTL5038L)
- * Black is standard finish. Natural aluminum may be ordered by adding suffix -U.

Heat Treated Solid Color Glass Filter Finishes

- | | |
|------------------|----------------|
| A - Medium Amber | R - Red |
| B - Medium Blue | RO - Rose/Pink |
| G - Medium Green | Y - Yellow |
| LB - Light Blue | |

Notes:

Optivex™ is a trademark of Bausch & Lomb. UV filters reduce fading and discoloration in applications such as museums, art galleries, etc.

- **DPE or Dichroic Peach filters warm CCT from 3000°K to 2700°K.**
- **All of the lenses above are tempered glass.**

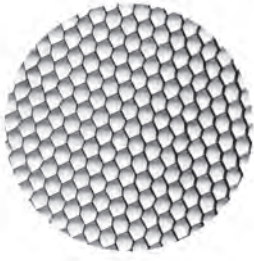
Optical Filter Finishes

- | | |
|---------------------------------------------------------------|----------------------------------------------------------------------|
| 73 - Prismatic Spread Lens | MDP - Medium Dichroic Peach Lens
(Warm CCT from 5500°K to 3800°K) |
| CL - Clear Lens | SL - Soft Light, Sandblasted Lens |
| DPE - Dichroic Peach Lens
(Warm CCT from 3000°K to 2700°K) | SOL - Solite Lens |
| LS - Linear Spread Lens | UV - Optivex UV Filter |

Accessory Finish Codes

- B - Black
- P - White
- S - Silver

Fixture Accessories



FA-16 50MM

Honeycomb Louver, Black
(For CTL804L1V, CTL804L2V,
CTL804L1H, CTL804L2H,
CTL71164L, CTL12164L and
CTL11164L)
Dia.: 2"

LA-35

Honeycomb Louver, Black
(For CTL802818L and
CTL802927L)
Dia.: 3-1/16"

LA-45

Honeycomb Louver, Black
(For CTL805 Series)
Dia.: 3-25/32"



Snoots

LA-816

(For CTL71164L, CTL12164L
and CTL 11164L)



FA-42

Vertical Blade Louver
(For CTL171)
Finish: - B, P, S

Accessory Holders

FA-38

Accessory Holder
(For CTL838/2L)
Finish: - B, P

FA-40*

Accessory Holder
(For CTL8038L and CTL5038L)
Finish: - B, P, S

FA-41

Snoot/Accessory Holder
(For CTL805 Series)
Finish: - B, P, S

FA-804

Accessory Holder
(For CTL804 Series)

* Black is standard finish.
Natural aluminum may be ordered
by adding suffix -U.

LED Fixture/Accessory Compatibility Chart

	Accessory Holder	Amber Lens	Blue Lens	Clear Lens	Green Lens	Light Blue Lens	Red Lens	Rose Lens	Yellow Lens	Prismatic Spread Lens	Linear Spread Lens	Soft Light Lens	Optivex UV Lens	Dichroic Peach Lens	Louver	Barn Door	Baffle/ Snoot
CTL8053H	FA-41	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE	LA-45		FA-41
CTL8051V	FA-41	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE	LA-45		FA-41
CTL8052V	FA-41	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE	LA-45		FA-41
CTL8053V	FA-41	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE	LA-45		FA-41
CTL802818L		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-35		LA-44
CTL802927L		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-35		LA-44
CTL802818LH		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-35		LA-44
CTL802927LH		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-35		LA-44
CTL804L1V	FA-804	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE	FA-16 50MM	BD16A	
CTL804L2V	FA-804	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE	FA-16 50MM	BD16A	
CTL804L1H	FA-804	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE	FA-16 50MM	BD16A	
CTL804L2H	FA-804	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE	FA-16 50MM	BD16A	
CTL8001		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-35		
CTL8002		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-35		
CTL802810L																	
CTL8038L	FA-40	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LF40-DPE	LA-39	BD40	
CTL5038L	FA-40	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LF40-DPE	LA-39	BD40	
CTL838/2L	FA-38	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LF30-DPE	LA-38	BD38	
CTL603L																	
CTL71164L		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE	FA-16 50MM		LA-816
CTL12164L		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE	FA-16 50MM		LA-816
CTL11164L		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE	FA-16 50MM		LA-816
CTL171																	FA-42

Optimize Your Lighting Designs with Con-Tech Ceramic Metal Halide Track Lighting

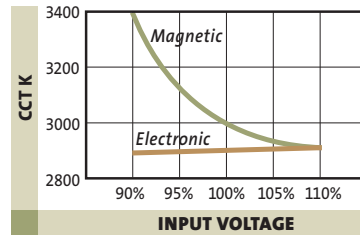
Utilizing the latest in Ceramic Metal Halide (CMH) lamp technology, Con-Tech's electronically ballasted CMH Track fixtures lead the way offering lighting designers unparalleled versatility and power in aesthetically pleasing and energy efficient fixture designs. CMH track lighting is ideal for maximizing the visual impact of your retail or commercial space providing superior color rendition, a brighter source of light and significant energy savings.

TRACK / LINE VOLTAGE / METAL HALIDE

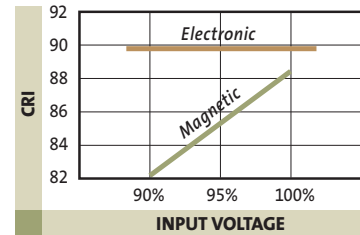
Superior Color

- Color is uniform from lamp to lamp and consistent over lamp life

Superior Color Uniformity - 70W Lamps



Superior CRI at Low Input Voltages - 70W Lamps



Brighter Light Source

- Higher beam intensities increase contrast ratios and create brighter light for accenting textures and finishes

Significant Energy Savings

- Three times more efficient than halogen lamps, saving up to 80% on energy costs versus 120V Halogen Systems
- Up to 17% more efficient than magnetically ballasted systems
- Fewer fixtures and lower wattages reduce the load on the HVAC system

Longer Lamp Life

- 10,000+ hours of life, up to five times longer than Halogen lamps, providing you with less "downtime" in your space
- Our electronic ballasts manage input voltage to provide up to 20% longer lamp life than CMH lamps operated with magnetic ballasts

Lower Installation Costs

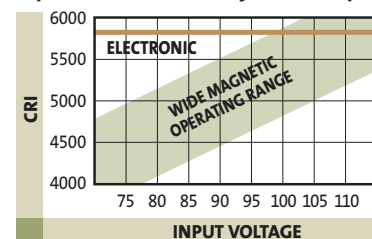
- More fixtures on existing circuits equals fewer branch circuits, reducing the branch circuit wiring costs
- Fewer fixtures per branch circuit



Consistent Light Output

- Light output stays consistent regardless of the supply voltage versus magnetically ballasted systems that may vary up to 10%

Superior Lumen Uniformity - 70W Lamps



Design Choices

- More fixture design choices are available than ever before to blend energy-efficient lighting into your design



Dichroic Peach Lenses

- Con-Tech Lighting's unparalleled Metal Halide track fixtures now have the ability to project warm incandescent-like color thanks to our new Dichroic peach lenses. These lenses convert a 3000°K light source to a 2700°K light source without a perceptible change in intensity.



without Dichroic Peach Lens



with Dichroic Peach Lens



without Dichroic Peach Lens



with Dichroic Peach Lens

It Pays to Use

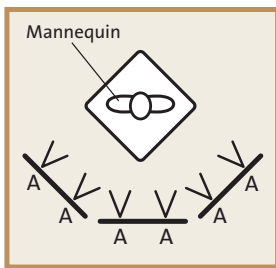
Con-Tech CMH Track Lighting

- With all the cost saving benefits considered, payback analyses have been conducted for many CMH lamp/fixture combinations. Paybacks for various applications can be realized in 1 to 3 years at current product and energy costs.



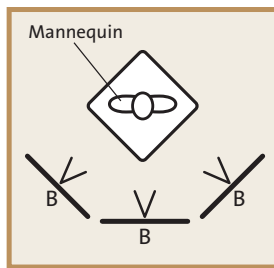
90W PAR38

Retail Plan View



A — 90W PAR38 Inc. Track Fixture

Retail Plan View

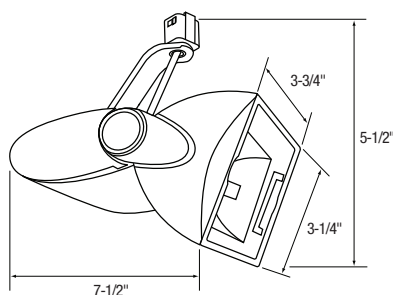


B — 70W T6 CMH track fixture



70W CMH

Fixture Type	A	B
Lamp	PAR38 Incandescent	T6 CMH
Lamp Wattage	90	70
Fixture Wattage	90	77
Number of Fixtures	6	3
Total Energy Used	540W	231W
fc Level	305fc	700fc
Hours of Operation	2,500	12,000
Heat Generated	540W	231W



Stealth, Philips PGJ5 Mini Wall Lighter

CTL22FL - 22W Flood

CTL39FL - 39W Flood

CTL22WW - 22W Wall Wash

CTL39WW - 39W Wall Wash

This specification grade CMH track fixture features a compact, low profile design. The die cast aluminum housing offers an aesthetically pleasing look to the space while using energy efficient, low wattage ceramic metal halide technology. Select from a flood distribution that provides a large rectangular beam pattern for maximum coverage, or a wall wash distribution that evenly illuminates the wall from floor to ceiling. The Solite lens provides up to 42% UV filtering. Integral on/off switch and track polarity indicator are standard. 120V only.

Will accept one (1) LA-72 (-B,P,S)

Max. Lamp CTL22FL/CTL22WW: 22W Philips T3.5, PGJ5 Twist & Lock Base

Max. Lamp CTL39FL/CTL39WW: 39W Philips T3.5, PGJ5 Twist & Lock Base

Finish: - B, P, S

Stealth GE or Sylvania GU6.5 Mini Wall Lighter

CTL20GFL - 20W Flood

CTL39GFL - 39W Flood

CTL20GWW - 20W Wall Wash

CTL39GWW - 39W Wall Wash

This specification grade CMH track fixture features a compact, low profile design. The die cast aluminum housing offers an aesthetically pleasing look to the space while using energy efficient, low wattage ceramic metal halide technology. Select from a flood distribution that provides a large rectangular beam pattern for maximum coverage, or a wall wash distribution that evenly illuminates the wall from floor to ceiling. The Solite lens provides up to 42% UV filtering. Integral on/off switch and track polarity indicator are standard. 120V only.

Will accept one (1) LA-72 (-B,P,S)

Max. Lamp CTL20GFL/CTL20GWW: 20W T4 GE, Philips, or Sylvania CMH Lamp, GU6.5 Twist & Lock Base

Max. Lamp CTL39GFL/CTL39GWW: 39W T4 GE or Philips CMH Lamp, GU6.5 Twist & Lock Base

Finish: - B, P, S

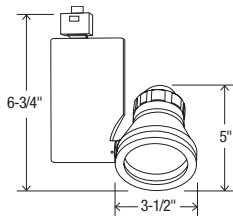
*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

S - Silver



Optica 22W and 39W Adjustable Beam Ceramic Metal Halide Fixtures

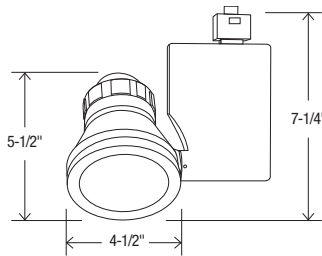
These fixtures feature a "cool-to-the-touch" adjustment knob to change the beam distribution from SPOT to NARROW FLOOD to FLOOD. During adjustment, the knob smoothly "clicks" into the selected beam pattern which is noticeably marked on the fixture. High performance optics provide maximum performance at each beam distribution. The fixture provides lockable, precision aiming adjustment with 360° + horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept (2) LF18 lens, (1) LA-82 snoot, or (1) LA-44 Egg Crate Louver.

Max. Lamp CTL8028A22MBT: 22W Philips T3.5, PGJ5 Twist & Lock Base

Max. Lamp CTL8028A39MBT: 39W Philips T3.5, PGJ5 Twist & Lock Base

Finish: - B, P, S

CTL8028A22MBT
CTL8028A39MBT



Optica T6 Adjustable Beam Ceramic Metal Halide Fixture

These fixtures feature a "cool-to-the-touch" adjustment knob to change the beam distribution from SPOT to NARROW FLOOD to FLOOD. During adjustment, the knob smoothly "clicks" into the selected beam pattern which is noticeably marked on the fixture. High performance optics provide maximum performance at each beam distribution. The fixture provides lockable, precision aiming adjustment with 360° + horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept (1) LF20 lens.

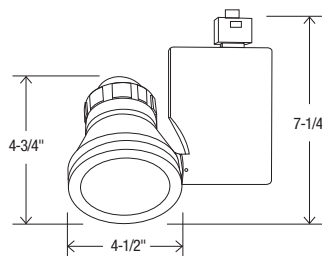
Max. Lamp CTL8029A620MH: 20W T4.5 CMH Lamp, G12 Base

Max. Lamp CTL8029A639MH: 39W T4.5 or T6 CMH Lamp, G12 Base

Max. Lamp CTL8029A670MH: 70W T6 CMH Lamp, G12 Base

Finish: - B, P, S

CTL8029A620MH
CTL8029A639MH
CTL8029A670MH



Optica T4 Adjustable Beam Ceramic Metal Halide Fixture

These fixtures feature a "cool-to-the-touch" adjustment knob to change the beam distribution from SPOT to NARROW FLOOD to FLOOD. During adjustment, the knob smoothly "clicks" into the selected beam pattern which is noticeably marked on the fixture. High performance optics provide maximum performance at each beam distribution. The fixture provides lockable, precision aiming adjustment with 360° + horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept (1) LF20 lens.

Max. Lamp CTL8029A420MH: 20W T4.5 CMH Lamp, G8.5 Base, Bi-Pin

Max. Lamp CTL8029A439MH: 39W T4 or T4.5 CMH Lamp, G8.5 Base, Bi-Pin

Max. Lamp CTL8029A470MH: 70W T4 or T4.5 CMH Lamp, G8.5 Base, Bi-Pin

Finish: - B, P, S

CTL8029A420MH
CTL8029A439MH
CTL8029A470MH



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

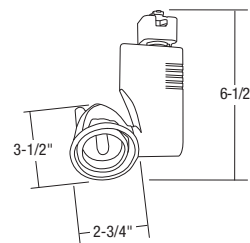
P - White

S - Silver



CTL802720MTL Optica 20W MR16 Ceramic Metal Halide with Vertical Ballast

Designed for the GE, Philips, or Sylvania 20W MR16 Ceramic Metal Halide lamp, this fixture provides the power and efficiency of a metal halide lamp in a package smaller than most halogen MR16 fixtures. The compact, vertical housing is designed for the "Micro Slim" electronic CMH ballast. The fixture provides 360°+ horizontal and 180° vertical rotation with precision, lockable aiming. Integral on/off switch and track polarity indicator are standard. Will accept FA-8027 accessory holder and (2) LF16 lenses.

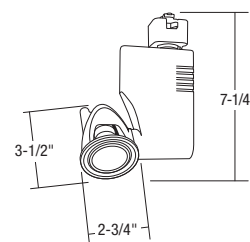


Max. Lamp: 20W GE or Philips MR16 CMH Lamp, GX10 Twist & Lock Base, 120V, 50/60Hz
Finish: - B, P, S



CTL802839MTL Optica 39W MR16 Ceramic Metal Halide with Vertical Ballast

Designed for the GE 39W MR16 Ceramic Metal Halide lamp, this fixture provides the power and efficiency of a metal halide lamp in a package smaller than most halogen MR16 fixtures. The compact, vertical housing is designed for the "Micro Slim" electronic CMH ballast. The fixture provides 360°+ horizontal and 180° vertical rotation with precision, lockable aiming. Integral on/off switch and track polarity indicator are standard. Will accept FA-8027 accessory holder and (2) LF16 lenses.



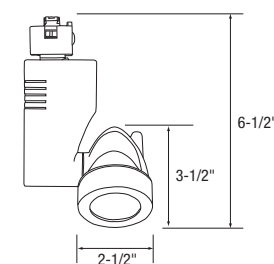
Max. Lamp: 39W GE or Philips (3911) MR16 CMH Lamp, GX10 Twist & Lock Base, 120V, 50/60Hz
Finish: - B, P, S



Optica GU6.5 20W with Vertical Ballast

- CTL8027S20MTL - Spot Distribution Reflector**
- CTL8027M20MTL - Medium Distribution Reflector**
- CTL8027F20MTL - Flood Distribution Reflector**

Designed for the Philips, GE or Sylvania 20W Ceramic Metal Halide lamp, this fixture provides 4 times the power and efficiency than comparable incandescent or halogen lamps. The fixture features a compact, vertical housing designed for the "Micro Slim" electronic CMH ballast. The fixture provides 360°+ horizontal and 180° vertical rotation with precision, lockable aiming. Integral on/off switch and track polarity indicator are standard. Will accept (1) LF16 lens.

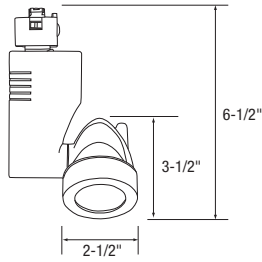


Max. Lamp: 20W T4 GE, Philips or Sylvania CMH Lamp, GU6.5 Twist & Lock Base, 120V, 50/60Hz
Finish: - B, P, S

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black P - White S - Silver

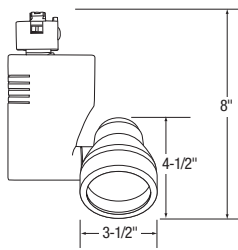


Optica PGJ5 22W with Vertical Ballast

- CTL8027S22MBT - Spot Distribution Reflector**
- CTL8027M22MBT - Medium Distribution Reflector**
- CTL8027F22MBT - Flood Distribution Reflector**

Designed for the Philips 22W Mini Master Color® Ceramic Metal Halide lamp, this fixture offers high performance optics to provide maximum light output. The fixture features a compact, vertical housing designed for the "Micro Slim" electronic CMH ballast. The fixture provides 360°+ horizontal and 180° vertical rotation with precision, lockable aiming. Integral on/off switch and track polarity indicator are standard. Will accept (1) LF16 lens.

Max. Lamp: 22W Mini MasterColor® CMH Lamp, T3.5 Bulb,
PGJ5 Twist & Lock Base
Finish: - B, P, S

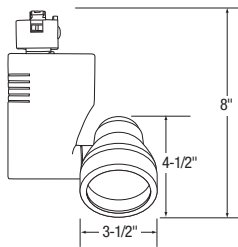


Optica Philips 22W with Vertical Ballast

- CTL8028S22MBT - Spot Distribution Reflector**
- CTL8028M22MBT - Medium Distribution Reflector**
- CTL8028F22MBT - Flood Distribution Reflector**

Designed for the Philips 22W Mini MasterColor® Ceramic Metal Halide lamp, this fixture offers high performance optics to provide maximum light output. This fixture features a compact, vertical housing. The fixture provides 360°+ horizontal and 180° vertical rotation with precision, lockable aiming. Integral on/off switch and track polarity indicator are standard. Will accept (2) LF18 lenses, (1) LA-82 (-B,P) or (1) LA-44 Egg Crate Louver.

Max. Lamp: 22W Mini MasterColor® CMH Lamp, T3.5 Bulb,
PGJ5 Twist & Lock Base
Finish: - B, P, S



Optica Philips 39W with Vertical Ballast

- CTL8028S39MBT - Spot Distribution Reflector**
- CTL8028M39MBT - Medium Distribution Reflector**
- CTL8028F39MBT - Flood Distribution Reflector**

Designed for the Philips 39W Mini MasterColor® Ceramic Metal Halide lamp, this fixture offers high performance optics to provide maximum light output. This fixture features a compact, vertical housing. The fixture provides 360°+ horizontal and 180° vertical rotation with precision, lockable aiming. Integral on/off switch and track polarity indicator are standard. Will accept (2) LF18 lenses, (1) LA-82 (-B,P) or (1) LA-44 Egg Crate Louver

Max. Lamp: 39W Mini MasterColor® CMH Lamp, T3.5 Bulb,
PGJ5 Twist & Lock Base
Finish: - B, P, S



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

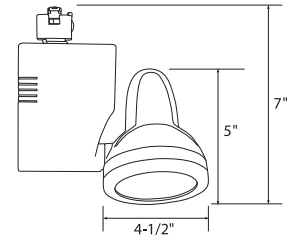
S - Silver

**CTL8029S420MH
CTL8029S439MH
CTL8029S470MH**

**Optica T4 Spot Reflector
with Vertical Ballast**

These fixtures feature a spot reflector and a die cast aluminum housing designed for the "Mini Square" electronic CMH ballast. The vertical ballast design offers tremendous power in a sleek design. The fixture provides lockable, precision aiming adjustment with 360°+ horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept one LF20 lens.

Max. Lamp CTL8029S420MH: 20W T4.5 CMH Lamp, G8.5 Base, Bi-Pin
Max. Lamp CTL8029S439MH: 39W T4 or T4.5 CMH Lamp, G8.5 Base, Bi-Pin
Max. Lamp CTL8029S470MH: 70W T4 or T4.5 CMH Lamp, G8.5 Base, Bi-Pin
Finish: - B, P, S

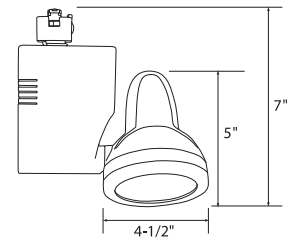


**CTL8029M420MH
CTL8029M439MH
CTL8029M470MH**

**Optica T4 Medium Reflector
with Vertical Ballast**

These fixtures feature a medium reflector and a die cast aluminum housing designed for the "Mini Square" electronic CMH ballast. The vertical ballast design offers tremendous power in a sleek design. The fixture provides lockable, precision aiming adjustment with 360°+ horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept one LF20 lens.

Max. Lamp CTL8029M420MH: 20W T4.5 CMH Lamp, G8.5 Base, Bi-Pin
Max. Lamp CTL8029M439MH: 39W T4 or T4.5 CMH Lamp, G8.5 Base, Bi-Pin
Max. Lamp CTL8029M470MH: 70W T4 or T4.5 CMH Lamp, G8.5 Base, Bi-Pin
Finish: - B, P, S

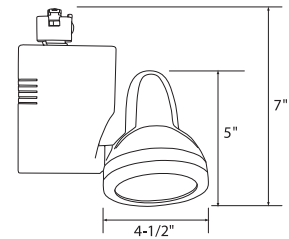


**CTL8029F420MH
CTL8029F439MH
CTL8029F470MH**

**Optica T4 Flood Reflector
with Vertical Ballast**

These fixtures feature a flood reflector and a die-cast aluminum housing designed for the "Mini Square" electronic CMH ballast. The vertical ballast design offers tremendous power in a sleek design. The fixture provides lockable, precision aiming adjustment with 360°+ horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept one LF20 lens.

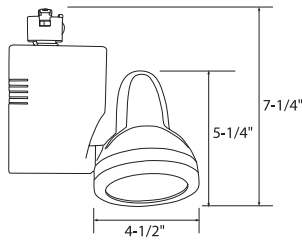
Max. Lamp CTL8029F420MH: 20W T4.5 CMH Lamp, G8.5 Base, Bi-Pin
Max. Lamp CTL8029F439MH: 39W T4 or T4.5 CMH Lamp, G8.5 Base, Bi-Pin
Max. Lamp CTL8029F470MH: 70W T4 or T4.5 CMH Lamp, G8.5 Base, Bi-Pin
Finish: - B, P, S



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black P - White S - Silver



Optica T6 Spot Reflector with Vertical Ballast

These fixtures feature a spot reflector and a die cast aluminum housing designed for the "Mini Square" electronic CMH ballast. The vertical ballast design offers tremendous power in a sleek design. The fixture provides lockable, precision aiming adjustment with 360°+ horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept one LF20 lens.

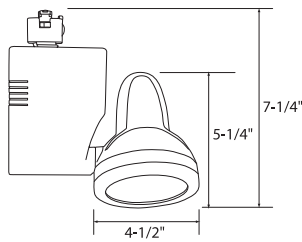
Max. Lamp CTL8029S620MH: 20W T4.5 CMH Lamp, G12 Base

Max. Lamp CTL8029S639MH: 39W T4.5 or T6 CMH Lamp, G12 Base

Max. Lamp CTL8029S670MH: 70W T6 CMH Lamp, G12 Base

Finish: - B, P, S

CTL8029S620MH
CTL8029S639MH
CTL8029S670MH



Optica T6 Medium Reflector with Vertical Ballast

These fixtures feature a medium reflector and a die cast aluminum housing designed for the "Mini Square" electronic CMH ballast. The vertical ballast design offers tremendous power in a sleek design. The fixture provides lockable, precision aiming adjustment with 360°+ horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept one LF20 lens.

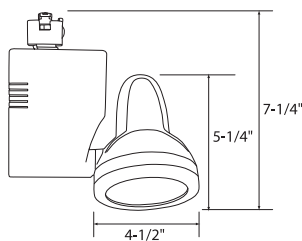
Max. Lamp CTL8029M620MH: 20W T4.5 CMH Lamp, G12 Base

Max. Lamp CTL8029M639MH: 39W T4.5 or T6 CMH Lamp, G12 Base

Max. Lamp CTL8029M670MH: 70W T6 CMH Lamp, G12 Base

Finish: - B, P, S

CTL8029M620MH
CTL8029M639MH
CTL8029M670MH



Optica T6 Flood Reflector with Vertical Ballast

These fixtures feature a flood reflector and a die cast aluminum housing designed for the "Mini Square" electronic CMH ballast. The vertical ballast design offers tremendous power in a sleek design. The fixture provides lockable, precision aiming adjustment with 360°+ horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept one LF20 lens.

Max. Lamp CTL8029D620MH: 20W T4.5 CMH Lamp, G12 Base

Max. Lamp CTL8029D639MH: 39W T4.5 or T6 CMH Lamp, G12 Base

Max. Lamp CTL8029D670MH: 70W T6 CMH Lamp, G12 Base

Finish: - B, P, S

CTL8029D620MH
CTL8029D639MH
CTL8029D670MH



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

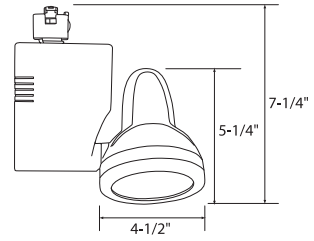
S - Silver

**CTL8029F620MH
CTL8029F639MH
CTL8029F670MH**

Optica T6 Wide Flood Reflector with Vertical Ballast

These fixtures feature a wide flood reflector and a die cast aluminum housing designed for the "Mini Square" electronic CMH ballast. The vertical ballast design offers tremendous power in a sleek design. The fixture provides lockable, precision aiming adjustment with 360°+ horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept one LF20 lens.

Max. Lamp CTL8029F620MH: 20W T4.5 CMH Lamp, G12 Base
 Max. Lamp CTL8029F639MH: 39W T4.5 or T6 CMH Lamp, G12 Base
 Max. Lamp CTL8029F670MH: 70W T6 CMH Lamp, G12 Base
 Finish: - B, P, S

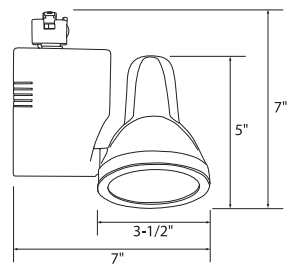


**CTL80292020MH
CTL80292039MH**

Optica PAR20 CMH with Vertical Ballast

These fixtures feature a die cast aluminum housing designed for the "Mini Square" electronic CMH ballast. The vertical ballast design offers tremendous power in a sleek design. The fixture provides lockable, precision aiming adjustment with 360°+ horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept one LA-41 Egg Crate Louver. 72mm lens or louvers required.

Max. Lamp CTL80292020MH: 20W PAR20 CMH Lamp, E26 Medium Base
 Max. Lamp CTL80292039MH: 39W PAR20 CMH Lamp, E26 Medium Base
 Finish: -B, P, S

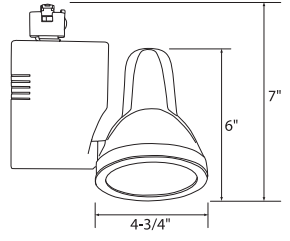


**CTL80293020MH
CTL80293039MH
CTL80293070MH**

Optica PAR30LN CMH with Vertical Ballast

These fixtures feature a die cast aluminum housing designed for the "Mini Square" electronic CMH ballast. The vertical ballast design offers tremendous power in a sleek design. The fixture provides lockable, precision aiming adjustment with 360°+ horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept one LA-42 Egg Crate Louver. 105mm lens or louvers required.

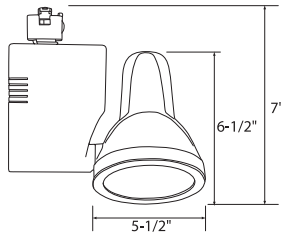
Max. Lamp CTL80293020MH: 20W PAR30LN CMH Lamp, E26 Medium Base
 Max. Lamp CTL80293039MH: 39W PAR30LN CMH Lamp, E26 Medium Base
 Max. Lamp CTL80293070MH: 70W PAR30LN CMH Lamp, E26 Medium Base
 Finish: - B, P, S



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

- B - Black
- P - White
- S - Silver

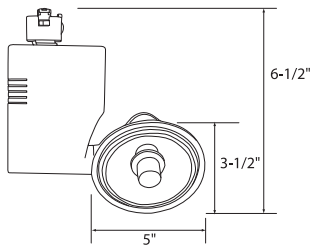


Optica PAR38 CMH with Vertical Ballast

CTL80293870MH

This fixture features a die cast aluminum housing designed for the "Mini Square" electronic CMH ballast. The vertical ballast design offers tremendous power in a sleek design. The fixture provides lockable, precision aiming adjustment with 360°+ horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept one LA-43 Egg Crate Louver. 123mm lens or louvers required.

Max. Lamp CTL80293870MH: 70W PAR38 CMH Lamp, E26 Medium Base
Finish: - B, P, S

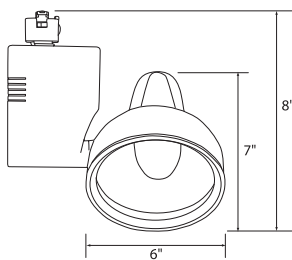


Optica CDM-R111 with Vertical Ballast

**CTL8029RS20MH
CTL8029RS39MH
CTL8029RS70MH**

These fixtures feature a die cast aluminum housing designed for the "Mini Square" electronic CMH ballast. The vertical ballast design offers tremendous power in a sleek design. The fixture provides lockable, precision aiming adjustment with 360°+ horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard.

Max. Lamp CTL8029RS20MH: 20W CDM-R111 CMH Lamp, GX8.5 Base
Max. Lamp CTL8029RS39MH: 39W CDM-R111 CMH Lamp, GX8.5 Base
Max. Lamp CTL8029RS70MH: 70W CDM-R111 CMH Lamp, GX8.5 Base
Finish: - B, P, S



Optica ED17 CMH Flood Reflector with Vertical Ballast

**CTL8029F1750M
CTL8029F1770M**

This fixture features a flood reflector in a die cast aluminum housing designed for the "Mini Square" electronic CMH ballast. The vertical ballast design offers tremendous power in a sleek design. The fixture provides lockable, precision aiming adjustment with 360°+ horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard.

Max. Lamp CTL8029F1750M: 50W ED17 or E17, CMH, E26 Medium Base
Max. Lamp CTL8029F1770M: 70W ED17, BD17 or E17, CMH, E26 Medium Base
Finish: - B, P, S



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

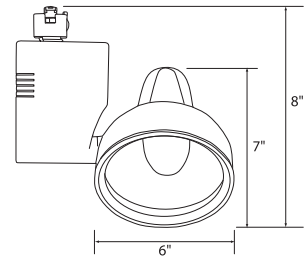
P - White

S - Silver

**CTL8029W1750M
CTL8029W1770M**

Optica ED17 CMH Wide Flood Reflector with Vertical Ballast

This fixture features a wide flood reflector in a die cast aluminum housing designed for the "Mini Square" electronic CMH ballast. The vertical ballast design offers tremendous power in a sleek design. The fixture provides lockable, precision aiming adjustment with 360°+ horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard.

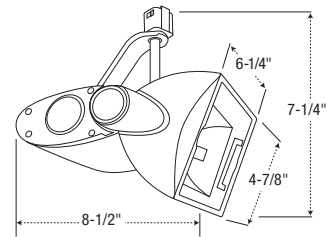


Max. Lamp CTL8029W1750M: 50W ED17 or E17, CMH, E26 Medium Base
Max. Lamp CTL8029W1770M: 70W ED17, BD17 or E17, CMH, E26 Medium Base
Finish: - B, P, S

CTL70DE-WW

Stealth - CMH Track Wall Lighter

Provides wall wash optical spread in a cast aluminum housing with clear tempered safety glass that provides 42% UV filtering. Horizontal adjustment of 360°+, and vertical adjustment of 30° to 90° provides lighting flexibility. Will accept one LF70I lens. Electrical: Safety Interlock Switch turns off lamp when lens is removed. Integral on/off switch and track polarity indicator are standard.

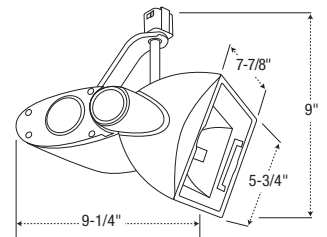


Max. Lamp: 70W T6 or TD-6 double-ended CMH Lamp, R7S RSC Base.
Finish: - B, P, S

**CTL5017WW
CTL7017WW
CTL10017WW**

Stealth - ED17 Track Wall Lighter

Provides wall wash optical spread in a cast aluminum housing with prismatic tempered safety glass that provides 42% UV filtering. Horizontal adjustment of 360°+, and vertical adjustment of 30° to 90° provides lighting flexibility. Will accept one LF-100 lens internally. Standard with C73 Prismatic lens. Integral on/off switch and track polarity indicator are standard.

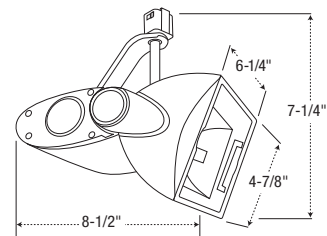


Max. Lamp CTL5017WW: 50W ED17 CMH Lamp, E26 Medium Base
Max. Lamp CTL7017WW: 70W ED17 CMH Lamp, E26 Medium Base
Max. Lamp CTL10017WW: 100W ED17 CMH Lamp, E26 Medium Base
Finish: - B, P, S

**CTL20G85WW
CTL39G85WW
CTL70G85WW**

Stealth - T4 Track Wall Lighter

Provides wall wash optical spread in a cast aluminum housing with prismatic tempered safety glass that provides 42% UV filtering. Horizontal adjustment of 360°+, and vertical adjustment of 30° to 90° provides lighting flexibility. Will accept one LF70I lens. Standard with Solite Prismatic lens. Integral on/off switch and track polarity indicator are standard.

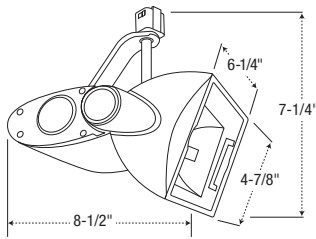


Max. Lamp CTL20G85WW: 20W T4.5 CMH Lamp, G8.5 Base
Max. Lamp CTL39G85WW: 39W T4 or T4.5 CMH Lamp, G8.5 Base
Max. Lamp CTL70G85WW: 70W T4 or T4.5 CMH Lamp, G8.5 Base
Finish: - B, P, S

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black P - White S - Silver

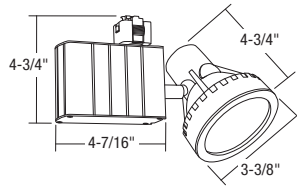


Stealth - T6 Track Wall Lighter

Provides wall wash optical spread in a cast aluminum housing with prismatic tempered safety glass that provides 42% UV filtering. Horizontal adjustment of 360°+, and vertical adjustment of 30° to 90° provides lighting flexibility. Will accept one LF70I lens. Standard with Solite Prismatic lens. Integral on/off switch and track polarity indicator are standard.

Max. Lamp CTL20G12WW: 20W T4.5 CMH, G12 Base
 Max. Lamp CTL39G12WW: 39W T4.5 or T6 CMH, G12 Base
 Max. Lamp CTL70G12WW: 70W T6 CMH, G12 Base
 Finish: - B, P, S

CTL20G12WW
CTL39G12WW
CTL70G12WW

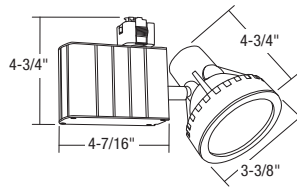


Closed Back Gimbal with Spot Reflector

Single arm, side mounted gimbal features a spot reflector. The side mounted, rectangular cast aluminum ballast housing is designed with vertical ribs for better heat dissipation. Vertical rotation is 135 to 180° and horizontal rotation is 360°+. Integral on/off switch and track polarity indicator are standard. Will accept one LF20 lens within the front assembly or FA-30 holder and one LF30 lens externally.

Max. Lamp CTL8235S20MH6: 20W T4.5 CMH, G12 Base
 Max. Lamp CTL8235S39MH6: 39W T4.5 or T6 CMH, G12 Base
 Max. Lamp CTL8235S70MH6: 70W T6 CMH, G12 Base
 Finish: - B, P, S

CTL8235S20MH6
CTL8235S39MH6
CTL8235S70MH6

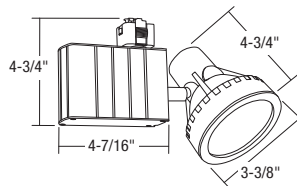


Closed Back Gimbal with Medium Reflector

Single arm, side mounted gimbal features a medium reflector. The side mounted, rectangular cast aluminum ballast housing is designed with vertical ribs for better heat dissipation. Vertical rotation is 135 to 180° and horizontal rotation is 360°+. Integral on/off switch and track polarity indicator are standard. Will accept one LF20 lens within the front assembly or FA-30 holder and one LF30 lens externally.

Max. Lamp CTL8233S20MH6: 20W T4.5 CMH, G12 Base
 Max. Lamp CTL8233S39MH6: 39W T4.5 or T6 CMH, G12 Base
 Max. Lamp CTL8233S70MH6: 70W T6 CMH, G12 Base
 Finish: - B, P, S

CTL8233S20MH6
CTL8233S39MH6
CTL8233S70MH6



Closed Back Gimbal with Flood Reflector

Single arm, side mounted gimbal features a flood reflector. The side mounted, rectangular cast aluminum ballast housing is designed with vertical ribs for better heat dissipation. Vertical rotation is 135 to 180° and horizontal rotation is 360°+. Integral on/off switch and track polarity indicator are standard. Will accept one LF20 lens within the front assembly or FA-30 holder and one LF30 lens externally.

Max. Lamp CTL8231S20MH6: 20W T4.5 CMH Lamp, G12 Base
 Max. Lamp CTL8231S39MH6: 39W T4.5 CMH Lamp, G12 Base
 Max. Lamp CTL8231S70MH6: 70W T4.5 CMH Lamp, G12 Base
 Finish: - B, P, S

CTL8231S20MH6
CTL8231S39MH6
CTL8231S70MH6



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

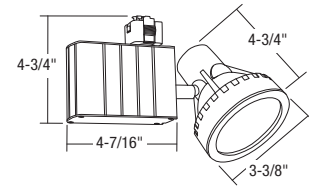
S - Silver

**CTL8230S20MH6
CTL8230S39MH6
CTL8230S70MH6**

**Closed Back Gimbal
with Wide Flood Reflector**



Single arm, side mounted gimbal features a wide flood reflector. The side mounted, rectangular cast aluminum ballast housing is designed with vertical ribs for better heat dissipation. Vertical rotation is 135 to 180° and horizontal rotation is 360°+. Integral on/off switch and track polarity indicator are standard. Will accept one LF20 lens within the front assembly or FA-30 holder and one LF30 lens externally.



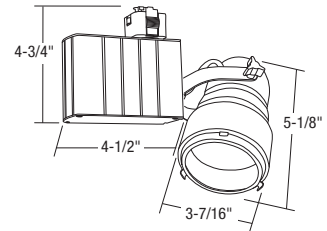
Max. Lamp CTL8230S20MH6: 20W T4.5 CMH, G12 Base
Max. Lamp CTL8230S39MH6: 39W T4.5 or T6 CMH, G12 Base
Max. Lamp CTL8230S70MH6: 70W T6 CMH, G12 Base
Finish: - B, P, S

**CTL5020S/20MH
CTL5020S/39MH**

**PAR20 CMH Drama
With Side Mount Ballast**



Stepped back design creates a minimal size impression and conceals the lamp. Offers a double yoke with a single locking knob and architectural textured paint finish. The side mounted, rectangular cast aluminum ballast housing is designed with vertical ribs for better heat dissipation. For maximum versatility, the yoke vertical rotation is 0 to 180°, fixture rotation from 45° to 250°, and horizontal rotation is 360°+. Integral on/off switch and track polarity indicator are standard.



Max. Lamp CTL5020S/20MH: 20W PAR20 CMH Lamp, E26 Medium Base
Max. Lamp CTL5020S/39MH: 39W PAR20 CMH Lamp, E26 Medium Base
Finish: - B, P, S

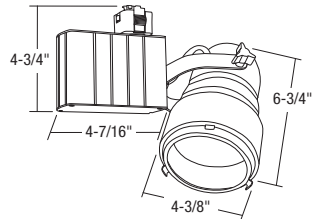
Note: Inner sleeve requires a 70mm lens. Outside diameter of fixture will not accept the FA-20.

**CTL5030S/20MH
CTL5030S/39MH
CTL5030S/70MH**

**PAR30 CMH Drama
With Side Mount Ballast**



Stepped back design creates a minimal size impression and conceals the lamp. Offers a double yoke with a single locking knob and architectural textured paint finish. The side mounted, rectangular cast aluminum ballast housing is designed with vertical ribs for better heat dissipation. For maximum versatility, the yoke vertical rotation is 5 to 185°, fixture rotation from 45° to 250°, and horizontal rotation is 360°+. Integral on/off switch and track polarity indicator are standard. Will accept two LF20 lenses within the aperture sleeve or FA-30 holder and one LF30 lens.



Max. Lamp CTL5030S/20MH: 20W PAR30LN CMH Lamp, E26 Medium Base
Max. Lamp CTL5030S/39MH: 39W PAR30LN CMH Lamp, E26 Medium Base
Max. Lamp CTL5030S/70MH: 70W PAR30LN CMH Lamp, E26 Medium Base
Finish: - B, P, S

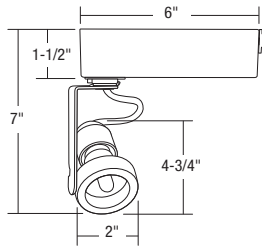
*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

S - Silver

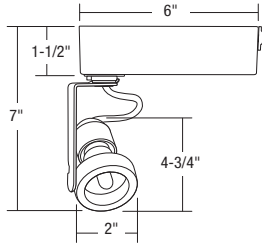


20W MR16 Ceramic Metal Halide Gimbal with Horizontal Ballast

CTL8116H20MTL

This gimbal features a "Sure-Set" yolk design to provide accurate aiming. The horizontal ballast housing brings the fixture close to the track for a low profile design. The fixture provides 360° horizontal and 90° vertical rotation. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 20W GE or Philips MR16 CMH Lamp,
GX10 Twist & Lock Base
Finish: - B, P, S

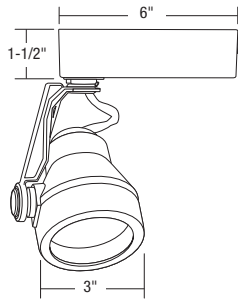


39W MR16 Ceramic Metal Halide Gimbal with Horizontal Ballast

CTL8116H39MTL

This gimbal features a "Sure-Set" yolk design to provide accurate aiming. The horizontal ballast housing brings the fixture close to the track for a low profile design. The fixture provides 360° horizontal and 90° vertical rotation. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 39W GE or Philips (3911) MR16 CMH Lamp,
GX10 Twist & Lock Base
Finish: - B, P, S

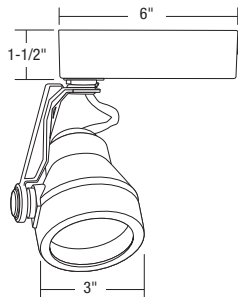


22W PGJ5 Ceramic Metal Halide with Horizontal Ballast

CTL8028HS22 - Spot Distribution Reflector
CTL8028HM22 - Medium Distribution Reflector
CTL8028HF22 - Flood Distribution Reflector

Designed for the Philips 22W Mini MasterColor® Ceramic Metal Halide lamp, this fixture offers high performance optics to provide maximum light output. The horizontal ballast housing brings the fixture close to the track for a low profile design. The "Sure-Set" yolk design provides accurate aiming and provides 350° horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept (2) LF18 lenses, (1) LA-82 Snoot, or (1) LA-44 Egg Crate Louver.

Max. Lamp: 22W Mini MasterColor® CMH Lamp, T3.5 Bulb,
PGJ5 Twist & Lock Base
Finish: - B, P, S



39W PGJ5 Ceramic Metal Halide with Horizontal Ballast

CTL8028HS39 - Spot Distribution Reflector
CTL8028HM39 - Medium Distribution Reflector
CTL8028HF39 - Flood Distribution Reflector

Designed for the Philips 39W Mini MasterColor® Ceramic Metal Halide lamp, this fixture offers high performance optics to provide maximum light output. The horizontal ballast housing brings the fixture close to the track for a low profile design. The "Sure-Set" yolk design provides accurate aiming and provides 350° horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept (2) LF18 lenses, (1) LA-82 Snoot, or (1) LA-44 Egg Crate Louver

Max. Lamp: 39W Mini MasterColor® CMH Lamp, T3.5 Bulb,
PGJ5 Twist & Lock Base
Finish: - B, P, S



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

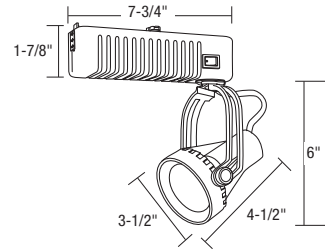
S - Silver



CTL8020H20 AroTech PAR20 Saturna™ Gimbal
CTL8020H39

The die cast aluminum housing features an open design for cooler operation and convenient front relamping. The horizontal ballast housing brings the fixture close to the track for a low profile design. The fixture provides 358° horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept FA-20 holder and one LF20 lens.

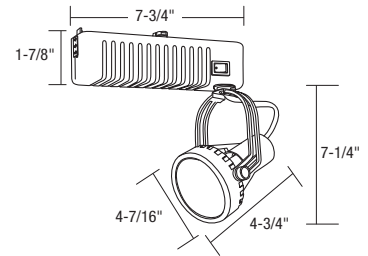
Max. Lamp CTL8020H20: 20W PAR20 CMH Lamp, E26 Medium Base
 Max. Lamp CTL8020H39: 39W PAR20 CMH Lamp, E26 Medium Base
 Finish: - B, P, S



CTL8235H620 AroTech T6 Closed Back Gimbal
CTL8235H639 with Spot Reflector
CTL8235H670

The die cast aluminum housing features a "Sure-Set" yoke for accurate aiming. The horizontal ballast housing brings the fixture close to the track for a low profile design. The fixture provides 358° horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept FA-30 holder and one LF30 lens externally and one LF20 lens internally.

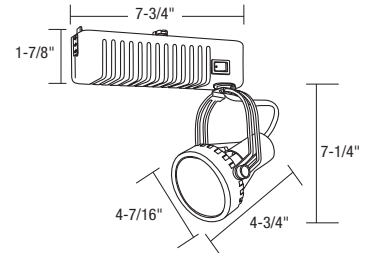
Max. Lamp CTL8235H620: 20W T4.5 CMH, G12 Base
 Max. Lamp CTL8235H639: 39W T4.5 or T6 CMH, G12 Base
 Max. Lamp CTL8235H670: 70W T6 CMH, G12 Base
 Finish: - B, P, S



CTL8230H620 AroTech T6 Closed Back Gimbal
CTL8230H639 with Flood Reflector
CTL8230H670

The die cast aluminum housing features a "Sure-Set" yoke for accurate aiming. The horizontal ballast housing brings the fixture close to the track for a low profile design. The fixture provides 358° horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept FA-30 holder and one LF30 lens externally and one LF20 lens internally.

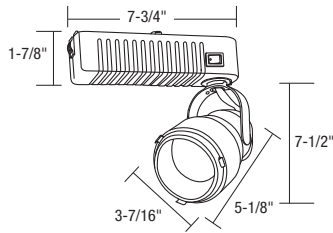
Max. Lamp CTL8230H620: 20W T4.5 CMH, G12 Base
 Max. Lamp CTL8230H639: 39W T4.5 or T6 CMH, G12 Base
 Max. Lamp CTL8230H670: 70W T6 CMH, G12 Base
 Finish: - B, P, S



*For other AroTech fixture mounting options, see page 56.

Fixture Finish Codes

B - Black P - White S - Silver



AroTech PAR20 Drama

The stepped back design creates a minimal size impression and conceals the lamp. Offers a full yoke with a single locking knob for accurate aiming. The horizontal ballast housing brings the fixture close to the track for a low profile design. The fixture provides 358° horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard.

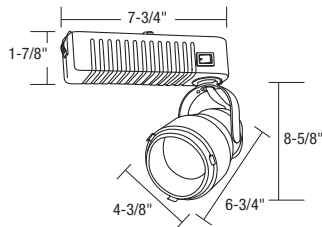
Max. Lamp CTL5020H20: 20W PAR20 CMH Lamp, E26 Medium Base

Max. Lamp CTL5020H39: 39W PAR20 CMH Lamp, E26 Medium Base

Finish: - B, P, S

Note: Inner sleeve requires 70mm lens. FA-20 will not fit.

CTL5020H20 CTL5020H39



AroTech PAR30LN Drama

The stepped back design creates a minimal size impression and conceals the lamp. Offers a full yoke with a single locking knob for accurate aiming. The horizontal ballast housing brings the fixture close to the track for a low profile design. The fixture provides 358° horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. Will accept FA-30 holder and one LF30 lens externally and two LF20 lenses internally.

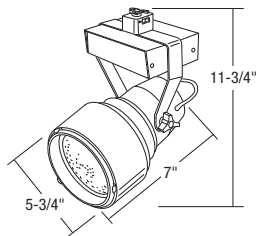
Max. Lamp CTL5030H20: 20W PAR30LN CMH Lamp, E26 Medium Base

Max. Lamp CTL5030H39: 39W PAR30LN CMH Lamp, E26 Medium Base

Max. Lamp CTL5030H70: 70W PAR30LN CMH Lamp, E26 Medium Base

Finish: - B, P, S

CTL5030H20 CTL5030H39 CTL5030H70



PAR38 CMH Drama

The horizontal ballast housing mounts close to the track to provide a minimal profile design. Horizontal rotation is 360°+. Will accept FA-40 holder and one LF40 lens. Integral on/off switch and track polarity indicator are standard.

Max. Lamp CTL5038/10-MH: 100W PAR38 CMH Lamp, E26 Medium Skirted Base

Max. Lamp CTL5038/70-MH: 70W PAR30L or PAR38 CMH Lamp, E26 Medium Skirted Base

Finish: - B, P, S

CTL5038/10-MH CTL5038/70-MH



*For other AroTech fixture mounting options, see page 56

Fixture Finish Codes

B - Black

P - White

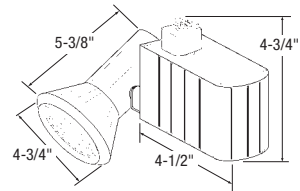
S - Silver

CTL1610S/20MH
CTL1610S/39MH
CTL1610S/70MH



PAR30LN CMH Reflector Cone

Features single arm, low profile side-mount universal lampholder with PAR30LN reflector cone. Provides 360°+ horizontal rotation and 75° vertical rotation with a compact ballast housing. Will accept FA-37A holder and one LF30 lens. Integral on/off switch and track polarity indicator are standard.



Max. Lamp CTL1610S/20MH: 20W PAR30LN, CMH Lamp, E26 Medium Base
 Max. Lamp CTL1610S/39MH: 39W PAR30LN, CMH Lamp, E26 Medium Base
 Max. Lamp CTL1610S/70MH: 70W PAR30LN, CMH Lamp, E26 Medium Base
 Finish: - B, P, S

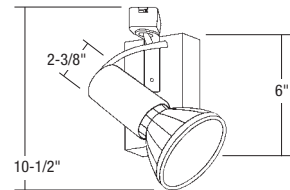
CTL1610/10-MH
CTL1610/20-MH
CTL1610/35-MH
CTL1610/70-MH



Shown with LA6038

CMH Universal Lampholders

The vertical compartment provides flexible aiming. Lamp sockets are pulse rated. May be used with open lamp for modern minimalist styling or with an attractive lamp-shield cone, shade sold separately. Integral on/off switch and track polarity indicator are standard. Horizontal rotation is 360°+.



CTL1610/20-MH and CTL1610/35-MH will accept FA-37 clips and one LF20 lens with LA6020 cone shade for PAR20 lamps.

CTL1610/20-MH, CTL1610/35-MH and CTL1610/70-MH will accept FA-37A clips and one LF30 lens with LA6030 cone shade for PAR30LN lamps.

CTL1610/70-MH and CTL1610/10-MH will accept FA-37B clips and one LF40 lens with LA6038 cone shade for PAR38 lamps.

Max. Lamp CTL1610/10-MH: 100W PAR38 CMH Lamp, E26 Medium Skirted Base

Max. Lamp CTL1610/20-MH: 20W PAR20, 20W PAR30L, CMH Lamp, E26 Medium Base

Max. Lamp CTL1610/35-MH: 35W or 39W PAR20 or PAR30L CMH Lamp, E26 Medium Base

Max. Lamp CTL1610/70-MH: 70W PAR30L or PAR38 CMH Lamp, E26 Medium Skirted Base

Finish: - B, P, S

Lamp Cone Shades

LA6020

Cone Shade for PAR20 CMH Lamps
 Finish: - B, P, S

LA6030

Cone Shade for PAR30LN CMH Lamps
 Finish: - B, P, S

LA6038

Cone Shade for PAR38 CMH Lamps
 Finish: - B, P, S

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

S - Silver



Colored Glass Filters

- LF16**
2"Dia.
Finish: - A, B, G, LB, R, RO, Y
- LF18**
3-1/16"Dia.
Finish: - A, B, G, LB, R, RO, Y
- LF20**
3-3/4"Dia.
Finish: - A, B, G, LB, R, RO, Y
- LF30**
4-11/16"Dia.
Finish: - A, B, G, LB, R, RO, Y
- LF38**
4-7/8"Dia.
Finish: - A, B, G, LB, R, RO, Y
- LF40**
5-7/16"Dia.
Finish: - A, B, G, LB, R, RO, Y

Notes:

Optivex™ is a trademark of Bausch & Lomb. UV filters reduce fading and discoloration in applications such as museums, art galleries, etc.

- **DPE or Dichroic Peach filters warm CCT from 3000°K to 2700°K.**
- **MDP or Medium Dichroic Peach filters warm CCT from 5500K to 3800K.**
- **All of the lenses above are tempered glass.**

Heat Treated Solid Color Glass Filter Finishes

A - Medium Amber	LB - Light Blue	Y - Yellow
B - Medium Blue	R - Red	
G - Medium Green	RO - Rose/Pink	

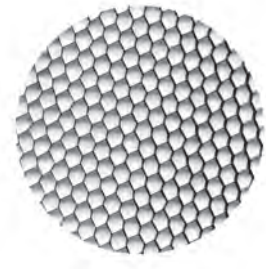
Optical Filter Finishes

73 - Prismatic Spread Lens	MDP - Medium Dichroic Peach Lens (Warm CCT from 5500°K to 3800°K)
CL - Clear Lens	SL - Soft Light, Sandblasted Lens
DPE - Dichroic Peach Lens (Warm CCT from 3000°K to 2700°K)	SOL - Solite Lens
LS - Linear Spread Lens	UV - Optivex UV Filter



Optical Filters

- LF16**
2"Dia.
Finish: - 73, CL, DPE, LS, SL, SOL, UV
- LF18**
3-1/16"Dia.
Finish: - 73, CL, DPE, LS, SL, UV
- LF20**
3-3/4"Dia.
Finish: - 73, CL, DPE, LS, MDP, SL, UV
- LF30**
4-11/16"Dia.
Finish: - 73, CL, DPE, LS, SL, UV
- LF38**
4-7/8"Dia.
Finish: - 73, CL, DPE, LS, SL, UV
- LF40**
5-7/16"Dia.
Finish: - 73, CL, DPE, LS, SL, UV
- LF70I**
Finish: - 73, CL, DPE, LS, SL, UV
- LF-100**
Finish: - 73, DPE, LS, SL, SOL, UV



FA-16 50MM
Honeycomb Louver, Black
(For CTL802720MTL and CTL802839MTL)
Dia.: 2"



LA-71
Vertical Blade Louver
(For CTL20G12WW, CTL39G12WW, CTL70DE-WW, and CTL70G12WW)
Finish: - B, P, S



Snoots

- LA-72**
(For CTL22, CTL39, CTL20G, CTL39G)
Finish: -B, P, S
- LA-82**
(For CTL8028A22MBT, CTL8028A39MBT, CTL8028S22MBT, CTL8028M22MBT, CTL8028F22MBT, CTL8028S39MBT, CTL8028M39MBT, CTL8028F39MBT)
Finish: - B, P, S
- LA-816**
(For CTL8027 Series)

Accessory Finish Codes

- B** - Black
- P** - White
- S** - Silver



Egg Crate Louvers

LA-37

(For CTL1610/20-MH, CTL1610/35-MH, CTL8020H20, CTL8020H39, CTL8029A420MH, CTL8029A439MH, CTL8029A470MH, CTL8029A620MH, CTL8029A639MH, CTL8029A670MH)
Finish: - B, P, S

LA-38

(For CTL1610/20-MH, CTL1610/35-MH, CTL1610/70-MH, CTL1610S/20MH, CTL1610S/39MH, CTL1610S/70MH, CTL5030H20, CTL5030H39, CTL5030H70, CTL5030S/20MH, CTL5030S/39MH, CTL5030S/70MH, CTL8030H20, CTL8230H420, CTL8230S20MH6, CTL8230S39MH6, CTL8230S70MH6, CTL8235H620, CTL8235H639, CTL8235H670, CTL8235S20MH6, CTL8235S39MH6, and CTL8235S70MH6)
Finish: - B, P, S

LA-39

(For CTL1610/10-MH, CTL1610/70-MH, CTL5038/10-MH, CTL5038/70-MH)
Finish: - B, P, S

LA-41

(For CTL80292020MH and CTL80292039MH)

Finish: - B, P, S

LA-42

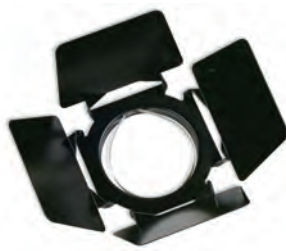
(For CTL80293020MH, CTL80293039MH and CTL80293070MH)
Finish: - B, P, S

LA-43

(For CTL80293870MH)
Finish: - B, P, S

LA-44

(For CTL8028A22MBT, CTL8028A39MBT, CTL8028S22MBT, CTL8028M22MBT, CTL8028F22MBT, CTL8028S39MBT, CTL8028M39MBT, CTL8028F39MBT)
Finish: - B, P, S



BD30*

Black Barn Door with Accessory Clips (For CTL5030H20, CTL5030H39, CTL5030H70, CTL5030S/20MH, CTL5030S/39MH, CTL5030S/70MH, CTL8230H620, CTL8230H639, CTL8230H670, CTL8230S20MH6, CTL8230S39MH6, CTL8230S70MH6, CTL8235H620, CTL8235H639, CTL8235H670, CTL8235S20MH6, CTL8235S39MH6, and CTL8235S70MH6)

BD40*

Black Barn Door with Accessory Clips (For CTL5038/10-MH and CTL5038/70-MH)

BD70

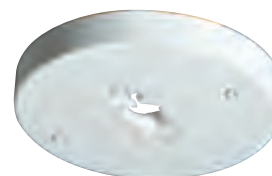
Barn Door (For CTL20G12WW, CTL39G12WW, CTL70DE-WW, and CTL70G12WW)
Finish: - B, P, S

* Black is standard finish. Natural aluminum may be ordered by adding suffix -U.



LA-25-SC

18" Steel Safety Cable
Secures with swivel snap.



LA-18

Mono-Point Adapter
Mounts one 120V track head to outlet box.
5/8"H x 4-3/4"Dia.
Finish: - B, P, S

LA-18/277V

Mono-Point Adapter
Mounts one 277V track head to outlet box. Locking mechanism provided.
5/8"H x 4-3/4"Dia.
Finish: - B, P, S

Accessory Finish Codes

B - Black

P - White

S - Silver

Accessory Holders

FA-20

Accessory Holder
(For CTL8020H20 and
CTL8020H39)
Finish: - B, P, S

FA-30

Accessory Holder
(For CTL5030H20,
CTL5030H39,
CTL5030H70,
CTL5030S/20MH,
CTL5030S/39MH,
CTL5030S/70MH,
CTL8230H620,
CTL8230H639,
CTL8230H670,
CTL8230S20MH6,
CTL8230S39MH6,
CTL8230S70MH6,
CTL8235H620,
CTL8235H639,
CTL8235H670,
CTL8235S20MH6,
CTL8235S39MH6,
and CTL8235S70MH6)
Finish: - B, P, S

FA-37

Black Accessory Mounting Clips
(Set of 3)
(For CTL1610/20-MH,
CTL1610/35-MH)

FA-37A

Black Accessory Mounting Clips
(Set of 3)
(For CTL1610/35-MH,
CTL1610/70-MH,
CTL1610S/20MH,
CTL1610S/39MH,
and CTL1610S/70MH)

FA-37B

Black Accessory Mounting Clips
(Set of 3)
(For CTL1610/70-MH,
CTL1610/10-MH)

FA-40

Accessory Holder
(For CTL5038/10-MH and
CTL5038/70-MH)
Finish: - B, P, S

FA-8027

Accessory Holder
(For CTL802720MTL and
CTL802839MTL)
Finish: - B, P, S

Dichroic Lenses for Bold, Warm Metal Halide Light!

with dichroic lens



with dichroic lens



Con-Tech Lighting's unparalleled Metal Halide track fixtures now have the ability to project warm incandescent-like color thanks to our Dichroic peach lenses. These lenses convert a 3000°K light source to a 2700°K light source without a perceptible change in intensity.

Accessory Finish Codes

B - Black

P - White

S - Silver

AroTech Component Mounting Options (see below for part number configuration)

Use stem to extend AroTech CMH fixture below the AroTech ballast compartment.

- Steel stems, 12mm/.47" diameter, powder coated with architectural paint finish.
- Push-in wire connectors are provided for the connections.
- cULus Listed. Suitable for dry locations.

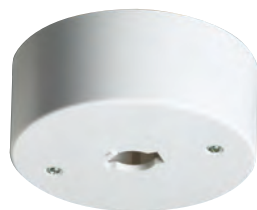
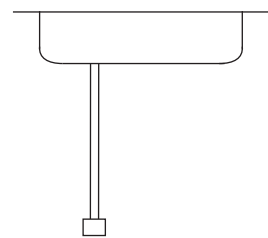
LA1012MH
12" Stem Extension
Length: 15-1/2"
Finish: - B, P, S

LA1018MH
18" Stem Extension
Length: 21-1/2"
Finish: - B, P, S

LA1024MH
24" Stem Extension
Length: 27-1/2"
Finish: - B, P, S

LA1036MH
36" Stem Extension
Length: 39-1/2"
Finish: - B, P, S

LA1048MH
48" Stem Extension
Length: 51-1/2"
Finish: - B, P, S



Surface Mount AroTech Ballast Canopy

Allows installation of CMH fixtures in any mono-point application.

120V and 277V
2-1/8"H x 5-5/16"Dia.
cULus Listed. Suitable for damp locations.

Finish: - B, P, S

LA1820MHE-(B, P, S)

20W CMH 120V

LA1839MHE-(B, P, S)

39W CMH 120V

LA1870MHE-(B, P, S)

70W CMH 120V

LA1820MHE-(B, P, S) 277

20W CMH 277V

LA1839MHE-(B, P, S) 277

39W CMH 277V

LA1870MHE-(B, P, S) 277

70W CMH 277V



Odyssey/AroTech Metal Halide Fixture Adapter

Allows use of Con-Tech AroTech Metal Halide Track Fixtures on Odyssey Line Voltage Flexible Track. Offers on/off switch and provides push-in wire connectors between adapter and fixture.

7-3/4"H x 2"W x 4-1/4"H
Finish: -S

LIR20MHE

20W Metal Halide Ballast, 120V

LIR39MHE

39W Metal Halide Ballast, 120V

LIR70MHE

70W Metal Halide Ballast, 120V

Alternative AroTech Mounting Options

STEP 1 Select the AroTech fixture from pages 46-50

STEP 2 Select the fixture mounting

(replace letter "H" in part number if wanting mono-point or Odyssey mountings)

- H** - Horizontal Ballast Housing, 120V Track
- C1** - Mono-Point Canopy, 120V
- C2** - Mono-Point Canopy, 277V
- R** - Odyssey Flexible Track, 120V

STEP 3 Select the available wattage

(see chart below)

Mounting Part # (Step 1)	Option (Step 2)	Stem Wattage (Step 3)	Extension (Step 4)	Finish (Step 5)
CTL5020		20, 39		B, P, S
CTL5030		20, 39, 70		B, P, S
CTL8020		20, 39		B, P, S
CTL8230		20, 39, 70		B, P, S
CTL8235		20, 39, 70		B, P, S

STEP 4 Select stem extension, if necessary

(add two digit code at the end of the part number)

- 12** - 12" Extension
- 18** - 18" Extension
- 24** - 24" Extension
- 36** - 36" Extension
- 48** - 48" Extension

STEP 5 Select finish

- B** - Black
- P** - White
- S** - Silver

Ordering Example

Step 1: CTL8235

Step 2: C1

Step 3: 670

Step 4: 12

Step 5: -B

Final Part Number: CTL8235C167012-B

Fixture Finish Codes

B - Black

P - White

S - Silver

Metal Halide Fixture/Accessory Compatibility Chart

	Accessory Holder	Amber Lens	Blue Lens	Clear Lens	Green Lens	Light Blue Lens	Red Lens	Rose Lens	Yellow Lens	Prismatic Spread Lens	Linear Spread Lens	Soft Light Lens	Optivex UV Lens	Dichroic Peach Lens	Louver	Barn Door	Baffle/Snoot
CTL10017WW										LF100-73	LF100-LS	LF100-SL	LF100-UV	LF100-DPE			
CTL1610/10-MH (With LA6038 PAR38 Cone Shade)	FA-37B	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LF40-DPE	LA-39		
CTL1610/20-MH (With LA6020 PAR20 Cone Shade)	FA-37	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE	LA-37		
CTL1610/35-MH (With LA6020 PAR20 Cone Shade)	FA-37	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE	LA-37		
CTL1610/35-MH (With LA6030 PAR30 Cone Shade)	FA-37A	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LF30-DPE	LA-38		
CTL1610/70-MH (With LA6030 PAR30 Cone Shade)	FA-37A	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LF30-DPE	LA-38		
CTL1610/70-MH (With LA6038 PAR38 Cone Shade)	FA-37B	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LF40-DPE	LA-39		
CTL1610S	FA-37A	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LF30-DPE	LA-38		
CTL20G12WW				LF70I-CL						LF70I-73	LF70I-LS	LF70I-SL	LF70I-UV	LF70I-DPE	LA-71	BD70	
CTL39G12WW				LF70I-CL						LF70I-73	LF70I-LS	LF70I-SL	LF70I-UV	LF70I-DPE	LA-71	BD70	
CTL5017WW										LF100-73	LF100-LS	LF100-SL	LF100-UV	LF100-DPE			
CTL5030H (Within Front Assembly)		LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE			
CTL5030H (With Accessory Holder)	FA-30	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LF30-DPE	LA-38	BD30	
CTL5030S (Within Aperture Sleeve)		LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE			
CTL5030S (With Accessory Holder)	FA-30	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LF30-DPE	LA-38	BD30	
CTL5038 (Within Aperture Sleeve)		LF38-A	LF38-B	LF38-CL	LF38-G	LF38-LB	LF38-R	LF38-RO	LF38-Y	LF38-73	LF38-LS	LF38-SL	LF38-UV	LF38-DPE			
CTL5038 (With Accessory Holder)	FA-40	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LF40-DPE	LA-39	BD40	
CTL7017WW											LF100-73	LF100-LS	LF100-SL	LF100-UV	LF100-DPE		
CTL70DE-VVV				LF70I-CL						LF70I-73	LF70I-LS	LF70I-SL	LF70I-UV	LF70I-DPE	LA-71	BD70	
CTL70G12WW				LF70I-CL						LF70I-73	LF70I-LS	LF70I-SL	LF70I-UV	LF70I-DPE	LA-71	BD70	
CTL8020H	FA-20	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE	LA-37		
CTL802720MTL	FA-8027	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE	FA-16 50MM		LA-816
CTL8027F20MTL		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE			LA-816
CTL8027M20MTL		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE			LA-816
CTL8027S20MTL		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE			LA-816
CTL802839MTL	FA-8027	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE	FA-16 50MM		
CTL8028A		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-44		LA-82
CTL8028F		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-44		LA-82
CTL8028H		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-44		LA-82
CTL8028M		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-44		LA-82
CTL8028S		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-44		LA-82
CTL8029A		LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE	LA-37		
CTL8029F		LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE	LA-37		
CTL8029M		LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE	LA-37		
CTL8029S		LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE	LA-37		
CTL8230 (Within Aperture Sleeve)		LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE	LA-37		
CTL8230 (With Accessory Holder)	FA-30	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LF30-DPE	LA-38	BD30	
CTL8233S (Within Aperture Sleeve)	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE				
CTL8233S (With Accessory Holder)	FA-30	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LF30-DPE	LA-38	BD30	
CTL8235 (Within Aperture Sleeve)		LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE			
CTL8235 (With Accessory Holder)	FA-30	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LF30-DPE	LA-38	BD30	
CTL8029F17		LF-40-A	LF-40-B	LF-40-CL	LF-40-G	LF-40-LB	LF-40-R	LF-40-RO	LF-40-Y	LF-40-73	LF-40-LS	LF-40-SL	LF-40-UV	FA-140-DPE			
CTL8029W17		LF-40-A	LF-40-B	LF-40-CL	LF-40-G	LF-40-LB	LF-40-R	LF-40-RO	LF-40-Y	LF-40-73	LF-40-LS	LF-40-SL	LF-40-UV	FA-140-DPE			

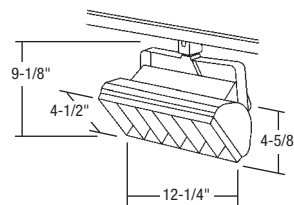


High-lumen output fluorescent floodlights from Con-Tech deliver exceptionally smooth, even wall-wash lighting. Ideal for retail and other commercial environments, including new construction and retrofit usage, these energy efficient fixtures provide high-performing illumination and up to 70% energy savings over ordinary incandescent lighting.

CTL1518 Wall Lighter – Dual 18W



Equipped with a high efficiency specular aluminum reflector and a parabolic louver for glare control. The lightweight electronic ballast provides excellent energy efficiency and low harmonic distortion. The durable extruded aluminum housing has no exposed fasteners, and the mounting bracket offers full vertical aiming with a single adjustment knob. Designed for track-mounting or fixed mounted to an outlet box with an accessory adapter. Integral on/off switch and track polarity indicator are standard. Will accept 1518 accessories. 120-277V Ballast. 50/60Hz.



No Dimming Option Available.

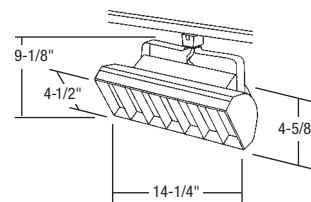
Max. Lamp: (2) 18W T5 Lamps, 2G11 Base.

Finish: - B, P, S

CTL1527N Wall Lighter – Dual 27W



Equipped with a high efficiency specular aluminum reflector and a parabolic louver for glare control. The lightweight electronic ballast provides excellent energy efficiency and low harmonic distortion. The durable extruded aluminum housing has no exposed fasteners, and the mounting bracket offers full vertical aiming with a single adjustment knob. Designed for track-mounting or fixed mounted to an outlet box with an accessory adapter. Integral on/off switch and track polarity indicator are standard. Will accept 1527 accessories. 120-277V Ballast. 50/60Hz.



No Dimming Option Available.

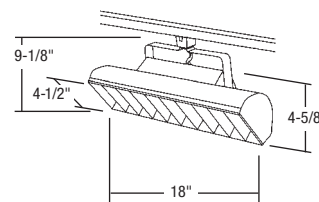
Max. Lamp: (2) 27W GE (or 24W Osram/Phillips) T5 Lamps, 2G11 Base.

Finish: - B, P

CTL1539N Wall Lighter – Dual 39W



Equipped with a high efficiency specular aluminum reflector and a parabolic louver for glare control. The lightweight electronic ballast provides excellent energy efficiency and low harmonic distortion. The durable extruded aluminum housing has no exposed fasteners, and the mounting bracket offers full vertical aiming with a single adjustment knob. Designed for track-mounting or fixed mounted to an outlet box with an accessory adapter. Integral on/off switch and track polarity indicator are standard. Will accept 1539 accessories. 120-277V Ballast. 50/60Hz.



Dimming Option Available.

Max. Lamp: (2) 39W GE (or 36W Osram/Phillips) T5 Lamps, 2G11 Base.

Finish: - B, P

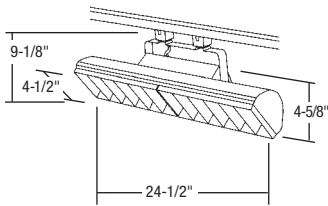
Note: 277V for use with LA-18/277V Mono-point or Nordic 2C2N 277V track with HTEK100 track adapters.

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White



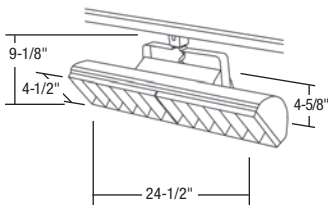
Wall Lighter – Dual 40W

Equipped with a high efficiency specular aluminum reflector and a parabolic louver for glare control. The lightweight electronic ballast provides excellent energy efficiency and low harmonic distortion. The durable extruded aluminum housing has no exposed fasteners, and the mounting bracket offers full vertical aiming with a single adjustment knob. Designed for track-mounting or fixed mounted to an outlet box with an accessory adapter. Integral on/off switch and track polarity indicator are standard. Will accept 1518 and 1540 accessories. 120-277V Ballast. 50/60Hz.

Dimming Option Available.

Max. Lamp: (2) 40W T5 Lamps, 2G11 Base.
Finish: - B, P

CTL1540



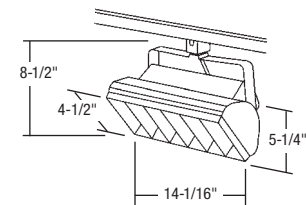
Wall Lighter – Dual 40W

Equipped with a high efficiency specular aluminum reflector and a parabolic louver for glare control. The lightweight electronic ballast provides excellent energy efficiency and low harmonic distortion. The durable extruded aluminum housing has no exposed fasteners, and the mounting bracket offers full vertical aiming with a single adjustment knob. Designed for track-mounting or fixed mounted to an outlet box with an accessory adapter. Integral on/off switch and track polarity indicator are standard. Will accept 1518 and 1540 accessories. 120-277V Ballast. 50/60Hz.

Dimming Option Available.

Max. Lamp: (2) 40W T5 Lamps, 2G11 Base.
Finish: - B, P

CTL1540N



Wall Lighter – Dual 32W TTT

Made of cast aluminum with a heavy-duty mounting yoke. Opposite end lamp placement, specular reflector, and efficient electronic ballast insure the highest level of lumen output over a broad area. Equipped with a parabolic louver for glare control. Mount to track or mono-point (LA-18) with a single adapter for greater versatility. Features electronic ballast (98%+ efficiency), end-of-life automatic shutoff, smaller length vs. lumen output, and 5-year ballast warranty. Integral on/off switch and track polarity indicator are standard. Will accept 1527 accessories. 120-277V Ballast. 50/60Hz.

No Dimming Option Available.

Max. Lamp: (2) 32W TTT CFL T4 Lamps, GX24q-3 Base.
Finish: - B, P, S

CTL1532



*For use on other manufacturer's track systems, see page 112.

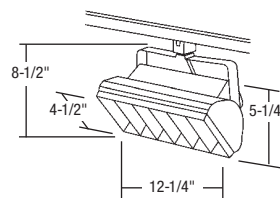
Fixture Finish Codes

B - Black P - White S - Silver



CTL15142 Wall Lighter – Single 42W TTT

Made of cast aluminum with a heavy-duty mounting yoke. Specular reflector, and efficient electronic ballast insure the highest level of lumen output over a broad area. Equipped with a parabolic louver for glare control. Mount to track or mono-point (LA-18) with a single adapter for greater versatility. Features electronic ballast (98%+ efficiency) and end-of-life automatic shutoff. Integral on/off switch and track polarity indicator are standard. Will accept 1518 accessories. 120-277V Ballast. 50/60Hz.



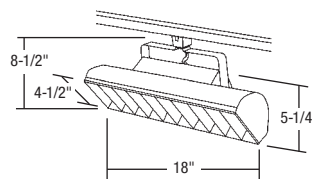
No Dimming Option Available.

Lamp:
 (1) 26W TTT 4-PIN T4 Lamp, GX24q-3 Base.
 (1) 32W TTT 4-PIN T4 Lamp, GX24q-3 Base.
 (1) 42W TTT 4-PIN T4 Lamp, GX24q-4 Base.
 Finish: - B, P, S



CTL1542N Wall Lighter – Dual 42W TTT

Made of cast aluminum with a heavy-duty mounting yoke. Specular reflector, and efficient electronic ballast insure the highest level of lumen output over a broad area. Equipped with a parabolic louver for glare control. This model can be mounted directly to an outlet box with the addition of the LA-18 accessory. Features electronic ballast (98%+ efficiency) and end-of-life automatic shutoff. Integral on/off switch and track polarity indicator are standard. Will accept 1539 accessories. 120-277V Ballast. 50/60Hz.



No Dimming Option Available.

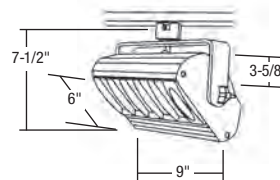
Max. Lamp: (2) 42W TTT QBX CFL T4 Lamps, GX24q-4 Base.
 Finish: - B, P, S

1542 LP Support



CTL15042N Wall Lighter – Single 42/32/26W TTT

Made of cast aluminum with a heavy-duty mounting yoke. Specular reflector, and efficient electronic ballast insure the highest level of lumen output over a broad area. Mount to track or mono-point (LA-18) with a single adapter for greater versatility. Features electronic ballast (98%+ efficiency) and end-of-life automatic shutoff. Integral on/off switch and track polarity indicator are standard. Will accept 15042 accessories. 120-277V Ballast. 50/60Hz.



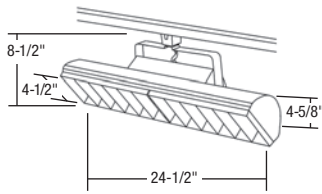
No Dimming Option Available.

Lamp:
 (1) 26W TTT 4-PIN T4 Lamp, GX24q-3 Base.
 (1) 32W TTT 4-PIN T4 Lamp, GX24q-3 Base.
 (1) 42W TTT 4-PIN T4 Lamp, GX24q-4 Base.
 Finish: - B, P, S

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black P - White S - Silver



Wall Lighter – Dual 50/55W Biaxial

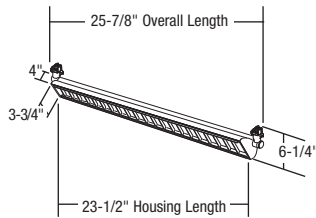
Made of cast aluminum with a heavy-duty mounting yoke. Opposite end lamp placement, specular reflector, and efficient electronic ballast insure the highest level of lumen output over a broad area. Equipped with a parabolic louver for glare control. Mount to track or mono-point (LA-18) with a single adapter for greater versatility. Features electronic ballast (98%+ efficiency) and end-of-life automatic shutoff. Integral on/off switch and track polarity indicator are standard. Will accept 1518 and 1540 accessories. 120-277V Ballast. 50/60Hz.

No Dimming Option Available.

Max. Lamp: (2) 50W GE (or 55W Osram/Philips) Biaxial Tubes, 4-PIN T5 Lamps, 2G11 Base.

Finish: - B, P

CTL1555N



Slim Style Wall Lighter – Single 24W T5HO Linear

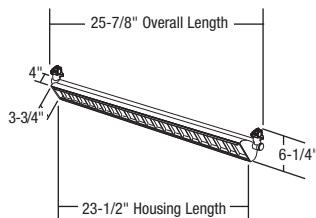
Single piece extruded aluminum with die-cast end caps. Clean housing appearance with no exposed fasteners. Solid vertical aiming with dual "Sure-Set" positioning swivels on track adapters. Side mounted track adapter design for a low profile fixture. Textured powder coat paint finish. Semi-specular aluminum reflector provides maximum lamp output. Color matched louvers blends perfectly with housing and cuts off side-spill from the lamp. Louver may be removed without tools for easy relamping. Integral on/off switch and track polarity indicator are standard. 120-277V Ballast. 50/60Hz.

No Dimming Option Available.

Max. Lamp: (1) 24W T5 Lamp, T5HO Linear, Mini-BiPin Base.

Finish: - B, P, S

CTL14124/HO



Slim Style Wall Lighter – Dual 24W T5HO Linear

Single piece extruded aluminum with die-cast end caps. Clean housing appearance with no exposed fasteners. Solid vertical aiming with dual "Sure-Set" positioning swivels on track adapters. Side mounted track adapter design for a low profile fixture. Textured powder coat paint finish. Semi-specular aluminum reflector provides maximum lamp output. Color matched louvers blends perfectly with housing and cuts off side-spill from the lamp. Louver may be removed without tools for easy relamping. Integral on/off switch and track polarity indicator are standard. Will accept LA-14224 accessories. 120-277V Ballast. 50/60Hz.

Dimming Option Available.

Max. Lamp: (2) 24W T5 Lamps, T5HO Linear, Mini-BiPin Base.

Finish: - B, P, S

CTL14224/HO



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

S - Silver

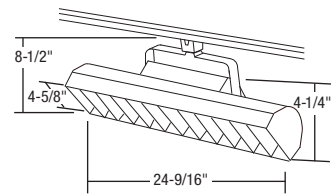


CTL1524/HO Wall Lighter – Dual 24W T5HO Linear

Made of cast aluminum with a heavy-duty mounting yoke. Specular reflector, and efficient electronic ballast insure the highest level of lumen output over a broad area. Equipped with a parabolic louver for glare control. Mount to track or mono-point (LA-18) with a single adapter for greater versatility. Features electronic ballast (98%+ efficiency) and end-of-life automatic shutoff. Integral on/off switch and track polarity indicator are standard. Will accept 1518 and 1540 accessories. 120-277V Ballast. 50/60Hz.

No Dimming Option Available.

Max. Lamp: (2) 24W T5HO Linear, Mini-BiPin Base.
Finish: - B, P, S

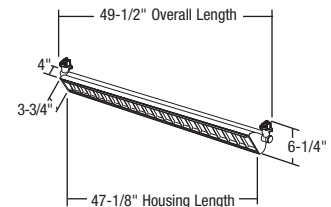


CTL14154/HO Slim Style Wall Lighter – Single 54W T5HO Linear

Single piece extruded aluminum with die cast end caps. Clean housing appearance with no exposed fasteners. Solid vertical aiming with dual “Sure-Set” positioning swivels on track adapters. Side mounted track adapter design for a low profile fixture. Textured powder coat paint finish. Semi-specular aluminum reflector provides maximum lamp output. Color matched louvers blends perfectly with housing and cuts off side-spill from the lamp. Louver may be removed without tools for easy relamping. Integral on/off switch and track polarity indicator are standard. Will accept LA-14154 accessories. 120-277V Ballast. 50/60Hz.

Dimming Option Available.

Max. Lamp: (1) 54W T5 Lamp, T5HO Linear, Mini-BiPin Base.
Finish: - B, P, S

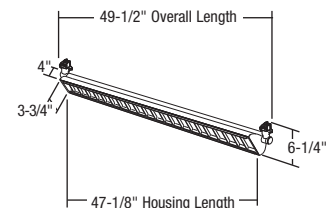


CTL14254/HO Slim Style Wall Lighter – Dual 54W T5HO Linear

Single piece extruded aluminum with die cast end caps. Clean housing appearance with no exposed fasteners. Solid vertical aiming with dual “Sure-Set” positioning swivels on track adapters. Side mounted track adapter design for a low profile fixture. Textured powder coat paint finish. Semi-specular aluminum reflector provides maximum lamp output. Color matched louvers blends perfectly with housing and cuts off side-spill from the lamp. Louver may be removed without tools for easy relamping. Integral on/off switch and track polarity indicator are standard. Will accept LA-14254 accessories. 120-277V Ballast. 50/60Hz.

Dimming Option Available.

Max. Lamp: (2) 54W T5 Lamps, T5HO Linear, Mini-BiPin Base.
Finish: - B, P, S

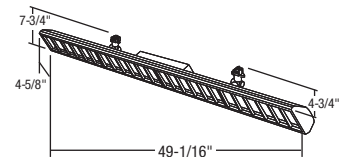


CTL1554/HO Wall Lighter – Dual 54W T5HO Linear

Single piece extruded aluminum with welded end caps. Specular louver and efficient electronic ballast insure the highest level of lumen output over a broad area. Equipped with a parabolic louver or glare control. Clean housing appearance with no exposed fasteners. Heavy duty aiming bracket for solid positioning with dual adjustment knobs to lock aiming position. Durable powder coat paint finish. Integral on/off switch and track polarity indicator are standard. Will accept 1518 and 1540 accessories. 120-277V Ballast. 50/60Hz.

No Dimming Option Available.

Max. Lamp: (2) 54W T5 Lamps, T5HO Linear, Mini-BiPin Base.
Finish: - B, P, S



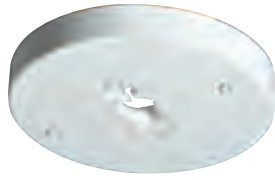
*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

S - Silver



LA-18
Mono-point Mounting Adapter for Outlet Box
Dia.: 4-3/4"; 5/8"D
Finish: - B, P, S

LA-18/277V
Mono-Point Adapter
Mounts one 277V track head to outlet box. Locking mechanism provided.
5/8"H x 4-3/4"Dia.
Finish: - B, P, S



LA1521
Dual Mounting Adapter for Outlet Box
(For use with CTL1540)
4-1/16"W x 13"H x 7/8"D
Finish: - B, P, S

Accessory Finish Codes

B - Black P - White S - Silver



LA-25-SC
18" Steel Safety Cable
Secures with swivel snap.



LA-142
External Accessory Holder
(For CTL14124/HO and CTL14224/HO)
Lenses and louvers provided by others.

LA-144
External Accessory Holder
(For CTL14154/HO and CTL14254/HO)
Lenses and louvers provided by others.



15042 LENS
Lens
(For CTL15042N)
Finish: - B, P, S

1518 LENS
Lens
(For CTL15142, CTL1518, CTL1524/HO, CTL1540, CTL1540N, CTL1554/HO, and CTL1555N)

1527N LENS
Lens
(For CTL1527N and CTL1532)

1539 LENS
Lens
(For CTL1539N and CTL1542N)

LA-14224-LENS
Internal Lens
(For CTL14224/HO)

LA-14154-LENS
Internal Lens
(For CTL14154/HO)

LA-14254-LENS
Internal Lens
(For CTL14254/HO)



15142 LOUVER-P
White Louver
(For CTL15142)

1518 LOUVER-C/N
Chrome Louver
(For CTL15142 and CTL1518)

1527 LOUVER
Chrome Louver
(For CTL1527N and CTL1532)

1527 LOUVER-P
White Louver
(For CTL1527N and CTL1532)

1539 LOUVER-C/N
Chrome Louver
(For CTL1539N and CTL1542N)

1539N LOUVER-WH
White Louver
(For CTL1539N and CTL1542N)

1540 LOUVER-C/N
Chrome Louver
(For CTL1524/HO, CTL1540, CTL1540N, CTL1554/HO, and CTL1555N)

1540 LOUVER-P
White Louver
(For CTL1524/HO, CTL1540, CTL1540N, CTL1554/HO, and CTL1555N)

Fluorescent Fixture/Accessory Compatibility Chart

	External Accessory Holder	Lens	Chrome Louver	White Louver
CTL14124/HO	LA-142			
CTL14154/HO	LA-144	LA-14154-LENS		
CTL14224/HO	LA-142	LA-14224-LENS		
CTL14254/HO	LA-144	LA-14254-LENS		
CTL15042N		15042 LENS		
CTL15142		1518 LENS	1518 LOUVER-C/N	15142 LOUVER-P
CTL1518		1518 LENS	1518 LOUVER-C/N	
CTL1524/HO		1518 LENS (x2)	1540 LOUVER-C/N	1540 LOUVER-P
CTL1527N		1527N LENS	1527 LOUVER	1527 LOUVER-P
CTL1532		1527N LENS	1527 LOUVER	1527 LOUVER-P
CTL1539N		1539 LENS	1539 LOUVER-C/N	1539N LOUVER-WH
CTL1540		1518 LENS (x2)	1540 LOUVER-C/N	1540 LOUVER-P
CTL1540N		1518 LENS (x2)	1540 LOUVER-C/N	1540 LOUVER-P
CTL1542N		1539 LENS	1539 LOUVER-C/N	1539N LOUVER-WH
CTL1554/HO		1518 LENS (x4)	1540 LOUVER-C/N (x2)	1540 LOUVER-P (x2)
CTL1555N		1518 LENS (x2)	1540 LOUVER-C/N	1540 LOUVER-P

incandescent fixtures



Jacksonville Museum of Modern Art photo by Neil Bashta Photography

Con-Tech's Line Voltage Incandescent fixtures utilize a variety of lamp options for either general or accent lighting. You'll delight in the many ways it allows you to select the precise light for creating any atmosphere.

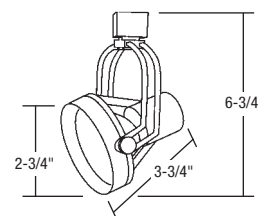
TRACK / LINE VOLTAGE / INCANDESCENT FIXTURES



CTL8016 PAR16 Saturna™

The precision-crafted die cast aluminum housing features an open design for cooler operation and convenient front relamping. "Sure-Set" yoke provides accurate aiming without tools. Integral on/off switch and track polarity indicator are standard. Steel dual rail yoke.

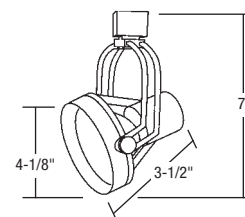
Max. Lamp: 75W PAR16, E26 Medium Base, 120V
Finish: - B, P, S, U
Saturna Patent No. D 345,616



CTL8020 PAR20 Saturna™

The precision-crafted die cast aluminum housing features an open design for cooler operation and convenient front relamping. "Sure-Set" yoke provides accurate aiming without tools. Integral on/off switch and track polarity indicator are standard. Steel dual rail yoke. Will accept FA-20 holder and one LF20 lens.

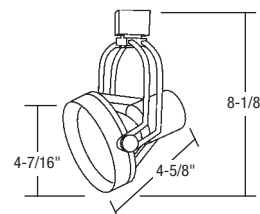
Max. Lamp: 50W PAR20, E26 Medium Base, 120V
Finish: - B, P, S, U
Saturna Patent No. D 345,616



CTL8030 PAR30 Saturna™

The precision-crafted die cast aluminum housing features an open design for cooler operation and convenient front relamping. "Sure-Set" yoke provides accurate aiming without tools. Integral on/off switch and track polarity indicator are standard. Steel dual rail yoke. Will accept FA-30 holder and one LF30 lens.

Max. Lamp: 75W PAR30S, E26 Medium Base, 120V
Finish: - B, P, S, U
Saturna Patent No. D 345,616



*For use on other manufacturer's track systems, see page 112.

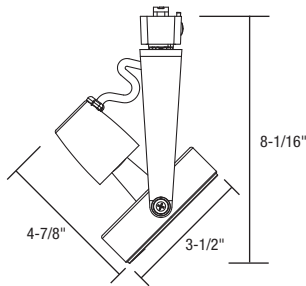
Fixture Finish Codes

B - Black

P - White

S - Silver (Adapter and Cord)

U - UNLook (Black Adapter and Cord)

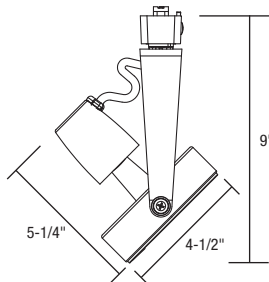


PAR20 Front Relamping Gimbal

Two plane design permits 360° horizontal swivel and 150° adjustability in the vertical plane for excellent aiming. Front re-lamping with grooved baffle insert. "Sure-Set" yoke holds the fixture firmly in place. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 50W PAR20, E26 Medium Base, 120V
Finish: - B, P, S

CTL8120

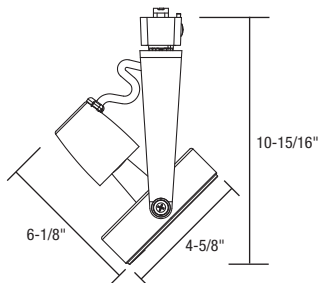


PAR30 Front Relamping Gimbal

Two plane design permits 360° horizontal swivel and 150° adjustability in the vertical plane for excellent aiming. Front re-lamping with grooved baffle insert. "Sure-Set" yoke holds the fixture firmly in place. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 75W PAR30, E26 Medium Base, 120V
Finish: - B, P, S

CTL8130

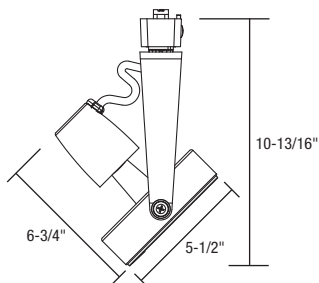


PAR30LN Front Relamping Gimbal

Two plane design permits 360° horizontal swivel and 150° adjustability in the vertical plane for excellent aiming. Front re-lamping with grooved baffle insert. "Sure-Set" yoke holds the fixture firmly in place. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 75W PAR30LN, E26 Medium Base, 120V
Finish: - B, P, S

CTL8130LN



PAR38 Front Relamping Gimbal

Two plane design permits 360° horizontal swivel and 150° adjustability in the vertical plane for excellent aiming. Front re-lamping with grooved baffle insert. "Sure-Set" yoke holds the fixture firmly in place. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 250W PAR38, E26 Medium Base, 120V
Finish: - B, P, S

CTL8138



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

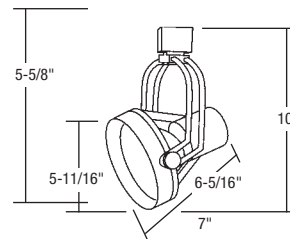
S - Silver



CTL8038 PAR38 Saturna™

The precision-crafted die cast aluminum housing features an open design for cooler operation and convenient front relamping. "Sure-Set" yoke provides accurate aiming without tools. Integral on/off switch and track polarity indicator are standard. Steel dual rail yoke. Will accept FA-40 holder and one LF40 lens.

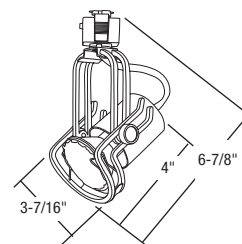
Max. Lamp: 250W PAR38, E26 Medium Skirted Base, 120V
 Finish: - B, P, S, U
 Saturna Patent No. D 345,616



CTL8520 PAR20 Sculptura Gimbal

Rugged steel housing features open back design for cooler operation and enduring quality. Dual-rail yoke design provides a "hi-tech," less bulky look. Features "Sure-Set" yokes for precise aiming without tools and full 360°+ rotation. Front spring clips hold the lamp edge tightly to the yoke seating. Integral on/off switch and track polarity indicator are standard.

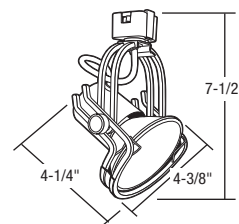
Max. Lamp: 50W PAR20, E26 Medium Base, 120V
 Finish: - B, P, S



CTL8530 PAR30 Sculptura Gimbal

Rugged steel housing features open back design for cooler operation and enduring quality. Dual-rail yoke design provides a "hi-tech," less bulky look. Features "Sure-Set" yokes for precise aiming without tools and full 360°+ rotation. Front spring clips hold the lamp edge tightly to the yoke seating. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 75W PAR30S, E26 Medium Base, 120V
 Finish: - B, P, S

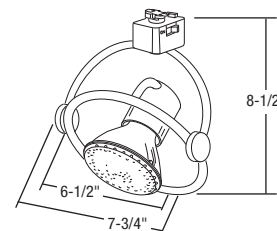


CTL8330 Gyro

Molded of nonferrous polycarbonate. Provides unsurpassed aiming flexibility – ideal for the lighting of retail store space or other high styled applications. May be aimed to put the light precisely where it's needed. The "Sure-Set" pivot points accurately hold the desired adjustment. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 75W PAR16; 50W PAR20; 75W PAR30S;
 E26 Medium Base, 120V
 Finish: - B, GY, P

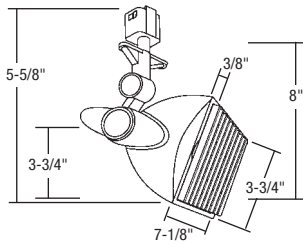
Shown with PAR30 lamp



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

- B - Black
- P - White
- S - Silver
- U - UNLook

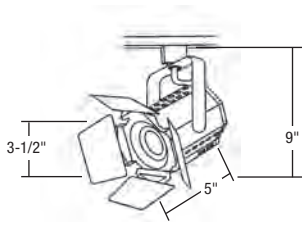


Stealth Quartz Wall Wash

Features cast aluminum housing, clear tempered safety glass single knuckle, and "Sure-Set" precise aiming adjustment. 358° horizontal rotation, 30-90° vertical rotation. Rear heat sink and aiming grip. Integral on/off switch and track polarity indicator are standard. Will accept one LA-71 louver or one LF-70 lens with accessory holder LA-70.

Max. Lamp: 500W Double End Quartz, Tungsten Halogen Lamp, T3 Bulb, RSC (Recessed Single Contact) Base, 4-11/16" Maximum Overall Length
Finish: - B, P, S

CTL500DEWW

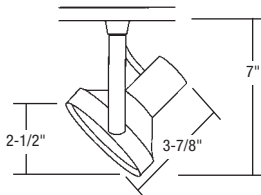


Theatrical

The theatrical stage light design of this model blends well in contemporary retail applications. Built-in barn doors provide excellent cut-off and light control. Integral on/off switch and track polarity indicator are standard. Will accept FA-9020 clips and one LF20 lens.

Max. Lamp: 50W PAR20, E26 Medium Base, 120V
Finish: - B, P, S

CTL9020

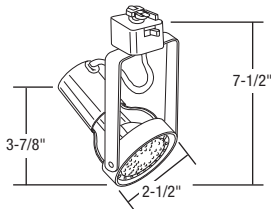


PAR20 Gimbal

The 2-plane gimbal design permits the maximum horizontal and vertical swivel for excellent aiming, and the "Sure-Set" yoke holds the fixture firmly in place. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 50W PAR20, E26 Medium Base, 120V
Finish: - B, P, U

CTL820N



PAR20 Front Relamping Gimbal

The 2-plane gimbal design permits the maximum horizontal and vertical swivel for excellent aiming, and the "Sure-Set" yoke holds the fixture firmly in place. Integral on/off switch and track polarity indicator are standard. Front lamp loading ease. Will accept FA-28 clips and one LF20 86MM lens.

Max. Lamp: 50W PAR20, E26 Medium Base, 120V
Finish: - B, P, S

CTL2820



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

S - Silver

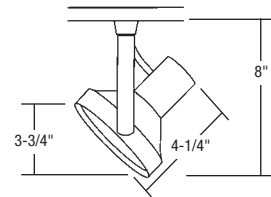
U - UNLook



CTL830 PAR30 Gimbal

The 2-plane gimbal design permits the maximum horizontal and vertical swivel for excellent aiming, and the "Sure-Set" yoke holds the fixture firmly in place. Supplied with field-mounted accessory clips (FA-38). Integral on/off switch and track polarity indicator are standard. Will accept FA-38 clips and one LF20 lens.

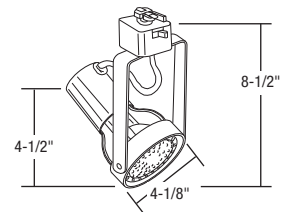
Max. Lamp: 75W PAR30S, E26 Medium Base, 120V
 Finish: - B, P, U, US (Grey Track Adapter and Black Cord)



CTL2830 PAR30 Front Relamping Gimbal

The 2-plane gimbal design permits the maximum horizontal and vertical swivel for excellent aiming, and the "Sure-Set" yoke holds the fixture firmly in place. Integral on/off switch and track polarity indicator are standard. Front lamp loading ease. Will accept FA-28 clips and one LF30 lens.

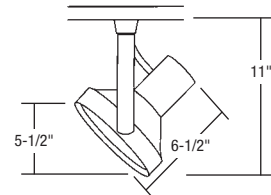
Max. Lamp: 75W PAR30S, Short Neck, E26 Medium Base, 120V
 Finish: - B, P, S



CTL838 PAR38 Gimbal - Heavy Duty

The 2-plane gimbal design permits the maximum horizontal and vertical swivel for excellent aiming, and the "Sure-Set" yoke holds the fixture firmly in place. Supplied with spring clips for the use of accessories such as colored lenses and/or egg crate louvers. PAR38 medium base lamp. Integral on/off switch and track polarity indicator are standard. Will accept two LF38 lenses.

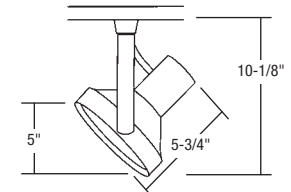
Max. Lamp: 250W PAR38, E26 Medium Skirted Base, 120V
 Finish: - B, P



CTL838/2 PAR38 Gimbal - Slim Style

The 2-plane gimbal design permits the maximum horizontal and vertical swivel for excellent aiming, and the "Sure-Set" yoke holds the fixture firmly in place. Supplied with field-mounted accessory clips (FA-38). PAR38 medium base lamp. Integral on/off switch and track polarity indicator are standard. Will accept FA-38 clips and one LF30 lens.

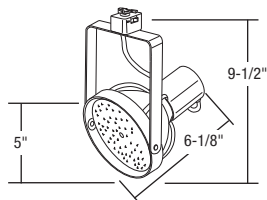
Max. Lamp: 250W PAR38, E26 Medium Skirted Base, 120V
 Finish: - B, P, U



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

- B - Black
- P - White
- S - Silver
- U - UNLook
- US - Satin UNLook

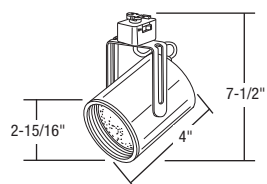


PAR38 Front Relamping Gimbal

The 2-plane gimbal design permits the maximum horizontal and vertical swivel for excellent aiming, and the "Sure-Set" yoke holds the fixture firmly in place. Integral on/off switch and track polarity indicator are standard. Front lamp loading ease. Will accept FA-2838 clips and one LF40 lens.

Max. Lamp: 250W PAR38, E26 Medium Skirted Base, 120V
Finish: - B, P, S

CTL2838N

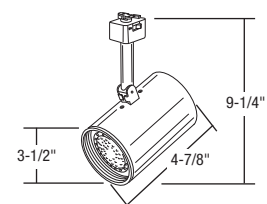


PAR16 Mini Flat Back Cylinder

A deep set black baffle provides lamp concealment for visual comfort. The modern flat back design presents a crisp, high-tech silhouette. Integral on/off switch and track polarity indicator are standard. Offers precise, rigid aiming and full 360°+ rotation. Will accept FAH-16 holder and one LF18 lens.

Max. Lamp: 75W PAR16, E26 Medium Base, 120V
Finish: - B, P

CTL2116

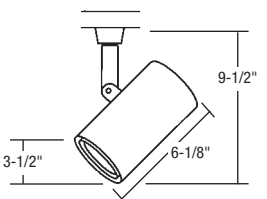


PAR20 Compact Flat Back Cylinder

A deep set black baffle provides lamp concealment for visual comfort. The modern flat back design presents a crisp, high-tech silhouette. Integral on/off switch and track polarity indicator are standard. The slender stem mount conceals wiring. Offers precise, rigid aiming and full 350° rotation. Will accept FA-20 holder and one LF20 lens.

Max. Lamp: 50W PAR20, E26 Medium Base, 120V
Finish: - B, P

CTL2120



PAR20 Flat Back Cylinder

The modern flat back design presents a crisp, high-tech silhouette. A deep set black baffle provides lamp concealment for visual comfort. The slender stem mount conceals wiring. Offers precise, rigid aiming and full 350° rotation. Integral on/off switch and track polarity indicator are standard. Will accept FA-20 holder and one LF20 lens.

Max. Lamp: 50W PAR20, 75W R20, E26 Medium Base, 120V
Finish: - B, P

CTL120



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

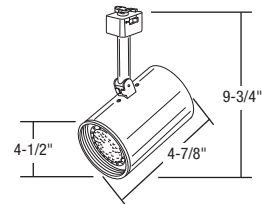
S - Silver



CTL2130 PAR30 Compact Flat Back Cylinder

A deep set black baffle provides lamp concealment for visual comfort. The modern flat back design presents a crisp, high-tech silhouette. Integral on/off switch and track polarity indicator are standard. The slender stem mount conceals wiring. Offers precise, rigid aiming and full 350° rotation. Will accept FA-30 holder and one LF30 lens.

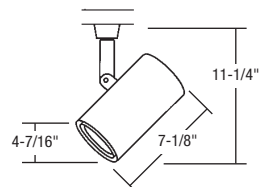
Max. Lamp: 75W PAR30S, E26 Medium Base, 120V
Finish: - B, P



CTL130 PAR30LN Flat Back Cylinder

The modern flat back design presents a crisp, high-tech silhouette. A deep set black baffle provides lamp concealment for visual comfort. The slender stem mount conceals wiring. Offers precise, rigid aiming and full 350° rotation. Integral on/off switch and track polarity indicator are standard. Will accept FA-30 holder and one LF30 lens.

Max. Lamp: 75W PAR30LN, 100W A19, 65W BR30, E26 Medium Base, 120V
Finish: - B, P



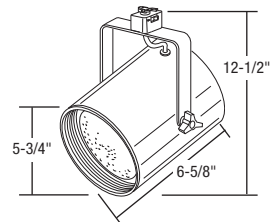
Long neck PAR30 or BR30 lamps are suggested for this model.



CTL2140 PAR38 Compact Flat Back Cylinder

The modern flat back design presents a crisp, high-tech silhouette. A deep set black baffle provides lamp concealment for visual comfort. The slender stem mount conceals wiring, while a yoke provides a complimentary balanced appearance. Precise, rigid aiming and full 360°+ rotation. Integral on/off switch and track polarity indicator are standard. Will accept FA-40 holder and one LF40 lens.

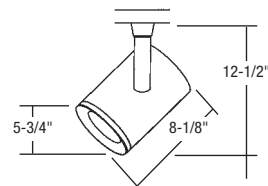
Max. Lamp: 250W PAR38, E26 Medium Skirted Base, 120V
Finish: - B, P



CTL140 PAR38 Flat Back Cylinder

The modern flat back design presents a crisp, high-tech silhouette. A deep set black baffle provides lamp concealment for visual comfort. Integral on/off switch and track polarity indicator are standard. Offers precise, rigid aiming and full 360°+ rotation. Will accept FA-40 holder and one LF40 lens.

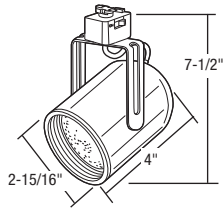
Max. Lamp: 250W PAR38, 120W BR40, E26 Medium Skirted Base, 120V
Finish: - B, P



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black P - White

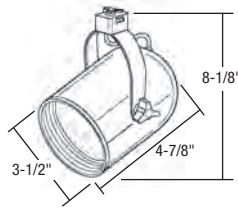


PAR16 Mini-Round Back Cylinder

The rounded back design of these models provides a softer look. Features a deep black phenolic baffle to conceal the lamp and provide control of glare, for visual comfort. Integral on/off switch and track polarity indicator are standard. Will accept FAH-16 holder and one LF18 lens.

Max. Lamp: 75W PAR16, E26 Medium Base, 120V
Finish: - B, P

CTL2216

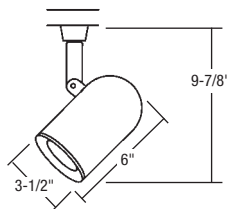


PAR20 Compact Round Back Cylinder

The rounded back design of these models provides a softer look. Features a deep black phenolic baffle to conceal the lamp and provide control of glare, for visual comfort. Integral on/off switch and track polarity indicator are standard. Will accept FA-20 holder and one LF20 lens.

Max. Lamp: 50W PAR20, E26 Medium Base, 120V
Finish: - B, P

CTL2220

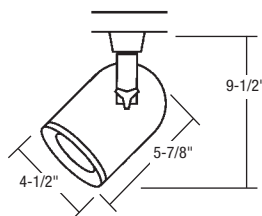


PAR20 Round Back Cylinder

The rounded back design of these models provides a softer look. Features a deep black phenolic baffle to conceal the lamp and provide control of glare, for visual comfort. Integral on/off switch and track polarity indicator are standard. Will accept FA-20 holder and one LF20 lens.

Max. Lamp: 50W PAR20, 75W R20, E26 Medium Base, 120V
Finish: - B, P

CTL220



PAR30 Compact Round Back Cylinder

The rounded back design of these models provides a softer look. Features a deep black phenolic baffle to conceal the lamp and provide control of glare, for visual comfort. Integral on/off switch and track polarity indicator are standard. Will accept FA-30 holder and one LF30 lens.

Max. Lamp: 75W PAR30S, E26 Medium Base, 120V
Finish: - B, P

CTL2230



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

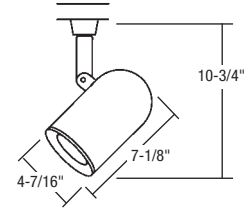
P - White



CTL230 PAR30LN Round Back Cylinder

The rounded back design of these models provides a softer look. Features a deep black phenolic baffle to conceal the lamp and provide control of glare, for visual comfort. Integral on/off switch and track polarity indicator are standard. Will accept FA-30 holder and one LF30 lens.

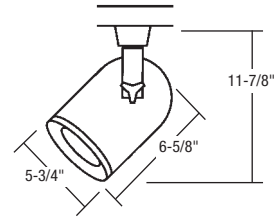
Max. Lamp: 75W PAR30 (Long neck PAR30 halogen lamp is recommended); 100W A19; 65W BR30, E26 Medium Base, 120V
Finish: - B, P



CTL2240 PAR38 Compact Round Back Cylinder

The rounded back design of these models provides a softer look. Features a deep black phenolic baffle to conceal the lamp and provide control of glare, for visual comfort. Integral on/off switch and track polarity indicator are standard. Will accept FA-40 holder and one LF40 lens.

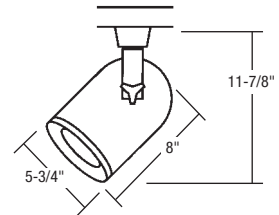
Max. Lamp: 150W PAR38, E26 Medium Skirted Base, 120V
Finish: - B, P



CTL240 PAR38 Round Back Cylinder

The rounded back design of these models provides a softer look. Features a deep black phenolic baffle to conceal the lamp and provide control of glare, for visual comfort. Integral on/off switch and track polarity indicator are standard. Will accept FA-40 holder and one LF40 lens.

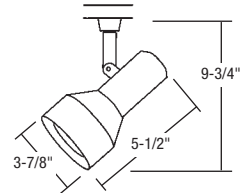
Max. Lamp: 250W PAR38, 120W BR40, E26 Medium Skirted Base, 120V
Finish: - B, P



CTL320 PAR20 Elite Step Cylinder

Contemporary step-back styling of these models presents a discrete appearance for home or office settings. The deep black phenolic baffle conceals the lamp and provides excellent cut-off and glare control. Integral on/off switch and track polarity indicator are standard.

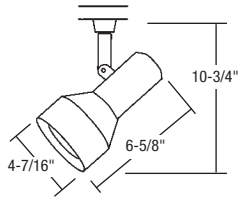
Max. Lamp: 50W PAR20, 75W R20, E26 Medium Base, 120V
Finish: - B, P



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black P - White

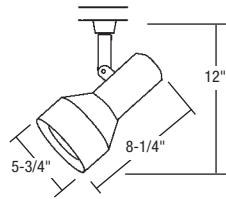


PAR30 Elite Step Cylinder

Contemporary step-back styling of these models presents a discrete appearance for home or office settings. The deep black phenolic baffle conceals the lamp and provides excellent cut-off and glare control. Integral on/off switch and track polarity indicator are standard. Will accept FA-30 holder and one LF30 lens.

Max. Lamp: 75W PAR30S/PAR30LN; 100W A19; 65W BR30, E26 Medium Base, 120V
Finish: - B, P

CTL330

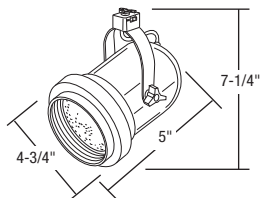


PAR38 Elite Step Cylinder

Contemporary step-back styling of these models presents a discrete appearance for home or office settings. The deep black phenolic baffle conceals the lamp and provides excellent cut-off and glare control. Integral on/off switch and track polarity indicator are standard. Will accept FA-40 holder and one LF40 lens.

Max. Lamp: 150W PAR38; 120W BR40, E26 Medium Base, 120V
Finish: - B, P

CTL340

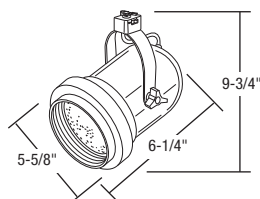


PAR20 Classic Bell

This classic design enhances any interior, and features a deep black phenolic baffle to provide accent lighting with exceptional visual comfort. Integral on/off switch and track polarity indicator are standard. Will accept FA-20 holder and one LF20 lens.

Max. Lamp: 50W PAR20; 60W A19, 50W R20; E26 Medium Base, 120V
Finish: - B, P

CTL520



PAR30 Classic Bell

This classic design enhances any interior, and features a deep black phenolic baffle to provide accent lighting with exceptional visual comfort. Integral on/off switch and track polarity indicator are standard. Will accept FA-30 holder and one LF30 lens.

Max. Lamp: 75W PAR30S; 75W A19; 65W BR30, E26 Medium Base, 120V
Finish: - B, P

CTL530



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

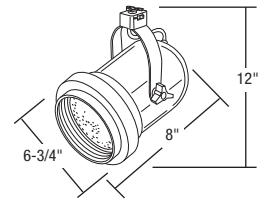
P - White



CTL540 PAR38 Classic Bell

This classic design enhances any interior, and features a deep black phenolic baffle to provide accent lighting with exceptional visual comfort. Integral on/off switch and track polarity indicator are standard. Will accept FA-40 holder and one LF40 lens.

Max. Lamp: 150W PAR38; 120W BR40, E26 Medium Skirted Base, 120V
Finish: - B, P

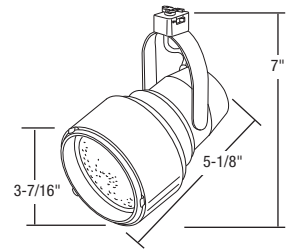


CTL5020 PAR20 Drama

A stepped back design creates a minimal size impression. Fixture design conceals lamp. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 50W PAR20, E26 Medium Base, 120V
Finish: - B, P, S

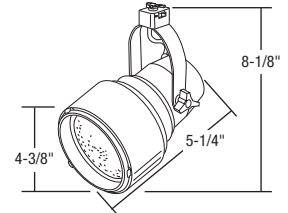
Note: Inner sleeve requires a 70mm lens. Outside diameter of fixture will not accept the FA-20.



CTL5030 PAR30 Drama

A stepped back design creates a minimal size impression. Fixture design conceals lamp (if PAR30L is used, the lamp face will be even with aperture). Integral on/off switch and track polarity indicator are standard. Will accept two LF20 lenses within the included aperture sleeve, or will accept FA-30 holder and one LF30 lens.

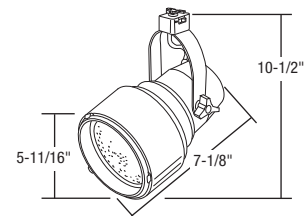
Max. Lamp: 75W PAR30S E26 Medium Base, 120V
Finish: - B, P, S



CTL5038 PAR38 Drama

A stepped back design creates a minimal size impression. Integral on/off switch and track polarity indicator are standard. Will accept one LF38 lens within the included aperture sleeve, or will accept FA-40 holder and one LF40 lens.

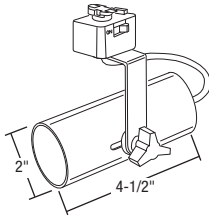
Max. Lamp: 250W PAR38, E26 Medium Skirted Base, 120V
Finish: - B, P, S



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black P - White S - Silver

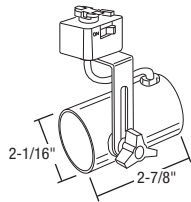


Universal Lampholder

The CTL601 economy model features an adjustable socket for proper seating of various lamps within the fixture. It has an unobtrusive half yoke design and provides "Sure-Set" aiming adjustment to firmly hold the position. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 75W PAR16; 50W PAR20; 75W PAR30S/PAR30LN; 250W PAR38, E26 Medium Base, 120V
Finish: - B, P

CTL601



Universal Lampholder - Side Swivel

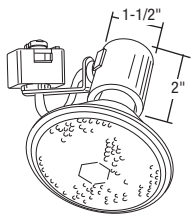
The CTL603 Economy Mini-swivel may be used with Long Neck PAR30 lamps as well as PAR16, PAR20, and PAR38. Features a half yoke design with a slide adjustment slot to maximize the fixture height options. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 75W PAR16; 50W PAR20; 75W PAR30LN; 250W PAR38, E26 Medium Base, 120V
Finish: - B, P, S

**CTL603
CTL603A***



***Order Model CTL603A for use with Short Neck 75W max. PAR30S lamps.**

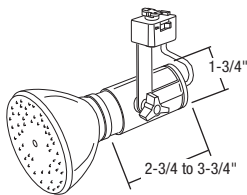


Universal Lampholder - Low Profile Side Swivel

The CTL602 Mini-swivel is well suited for valance lighting and other applications where a short overall dimension is required. Features a half yoke design and provides "Sure-Set" aiming adjustment to firmly hold the position. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 75W PAR16; 50W PAR20; 75W PAR30S; 250W PAR38, E26 Medium Base, 120V
Finish: - B (White Porecelain Socket), P

CTL602



Universal Lampholder - Adjustable Side Swivel

This Adjustable Universal model features an offset bracket for close mounting to track, and an adjustable housing that permits a perfect fit between the fixture and any size PAR lamp. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 75W PAR16; 50W PAR20; 75W PAR30S; 250W PAR38, E26 Medium Base, 120V
Finish: - B, P

CTL1638



Shown with PAR38 lamp



CTL1638-P
Shown with PAR16 lamp



CTL1638-P
Shown with PAR20 lamp



CTL1638-P
Shown with PAR30 lamp

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

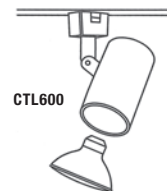
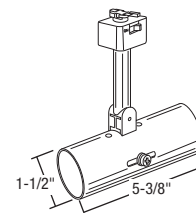
S - Silver



CTL600 Universal Lampholders/Shades

The modular CTL600 universal system allows for a versatile choice of configurations: lamp only for economy and simplicity... or with deep-baffled shades to conceal the lamp and provide the popular step-cylinder fixture silhouette. Features an adjustable socket for proper seating of various lamps within the fixture. Uses a slim-line stem mount that conceals wiring and provides "Sure-Set" aiming adjustment to firmly hold the position. Integral on/off switch and track polarity indicator are standard. Will accept FA-30 holder and one LF30 lens with LA-30 lampshade. Will accept FA-40 holder and one LF40 lens with LA-40 lampshade.

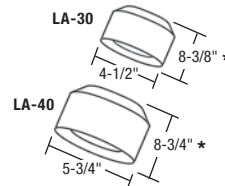
Max. Lamp: 75W PAR16; 50W PAR20; 75W PAR30; 250W PAR38, E26 Medium Base, 120V
Finish: - B, P



CTL600/LA-30-P
Shown with LA-30 PAR30 baffled lampshade



CTL600/LA-40-P
Shown with LA-40 PAR38 baffled lampshade



CTL600 Accessories

LA-30 (- B, P) PAR30 Baffled Lampshade Max. Watt: 75W PAR30, 100W A19

LA-40 (- B, P) PAR38 Baffled Lampshade Max. Watt: 250W PAR38

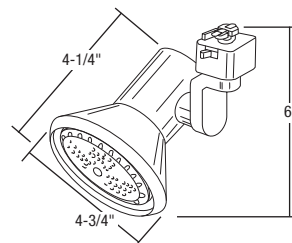
* Total length of fixture plus lamp shade.



CTL6130 PAR30 Lampholder with Reflector Cone

Equipped with a formed steel reflector cone, this fixture offers superb performance, and brilliant color in commercial, retail, and residential settings. Molded side swivel provides a low profile and precision aiming. Integral on/off switch and track polarity indicator are standard. Will accept FA-37A accessory clips and LF30 lenses.

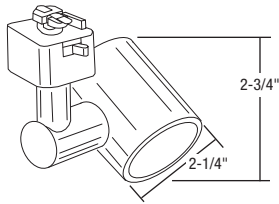
Max. Lamp: 75W PAR30S, E26 Medium Base, 120V
Finish: -SC



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black P - White SC - Satin Chrome



Ultimate Universal

Features a low profile side swivel design with modular component flexibility. The short barreled CTL610 lampholder and swivel are molded of durable Lexan™ 940. Convenient features include "Sure-Set" swivel for precise aiming. Integral on/off switch and track polarity indicator are standard. Use with PAR16, 20, 30, 38 lamps, accessories, or as a bare lamp holder.

Max. Lamp: 75W PAR16, 50W PAR20, 75W PAR30S, 150W PAR38, E26 Medium Skirted Base, 120V
Finish: - B, P, S

CTL610



Shown with LA638 collar and PAR16 lamp

CTL610/LA620-B
Shown with LA620 shade and PAR20 lamp



CTL610/LA630-B
Shown with LA630 shade and PAR30 lamp



CTL610/LA638-B
Shown with LA638 collar and PAR38 lamp



CTL610/LA6838
Shown with LA6838 collar and PAR38 lamp



CTL610 Accessories

LA620 (- B, P, S) PAR20 Cone Shade

LA630 (- B, P, S) PAR30S Cone Shade

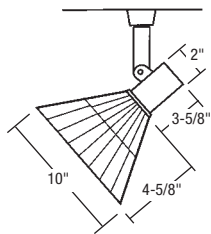
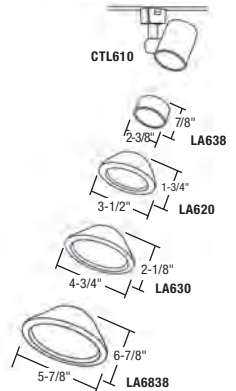
LA638 (- B, P) Lamp Collar (use with PAR16 or 38)

LA6838 (- B, P, S) PAR38 Cone Shade

FA-37 Set of 3 Accessory Holding Clips that may be mounted to the LA620 to enable use of lens or louver accessories. FA-37 clips use one LF20 86mm lens or LA-37 egg crate louvers. Black finish.

FA-37A Set of 3 Accessory Holding Clips that may be mounted to the LA630 to enable use of lens or louver accessories. FA-37A clips use one LF30 lens or LA-38 egg crate louvers. Black finish.

FA-37B Set of 3 Accessory Holding Clips that may be mounted to the LA6838 to enable use of lens or louver accessories. FA-37B clips use one LF40 lens or LA-39 egg crate louvers. Black finish.



Decorative

Complement these designer installations with the CTL619 lampholders. These feature a slender stem mount with a built-in on/off switch. 6" and 10" glass shades are available in frost or clear ribbed and cased green. May be track mounted or use as mono-point with optional LA-18. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 100W A19, E26 Medium Base, 120V
Finish: - B, P

CTL619



Shown with LA1935
Frost Ribbed Glass Shade

CTL619 Glass Shades



LA1534
Frost Ribbed Glass Shade
4-5/8"H x 10"Dia.

LA1935
(Shown here with CTL619-P)
Frost Ribbed Glass Shade
4-5/8"H x 6"Dia.



LA1551
Cased Green Glass Shade
4-5/8"H x 10"Dia.

LA1937
(Shown here with CTL619-B)
Cased Green Glass Shade
5-1/4"H x 6-1/2"Dia.



LA1536
Clear Ribbed Glass Shade
4-5/8"H x 10"Dia.

LA1971
(Shown here with CTL619-B)
Clear Ribbed Glass Shade
4-5/8"H x 6"Dia.

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

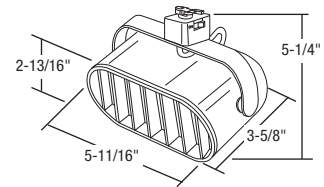
S - Silver



CTL1504 New Decade - Wall Wash

Designed for the T4 120V single-ended frosted halogen lamp (ETF) to provide an even wash of illumination for wide accent areas such as art galleries, product displays, signage, etc. The rounded compact design features a die cast full cut-off louver and tempered glass lens. A stippled aluminum reflector assures a smooth beam pattern for uniform light distribution. The "Sure-Set" yoke firmly holds the aiming position without unsightly knobs. Integral on/off switch and track polarity indicator are standard. Black louver.

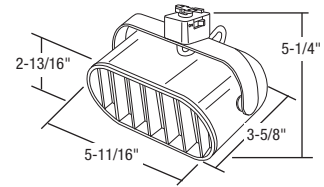
Max. Lamp: 150W, T4, Frosted, Double Contact, Bayonet Base, 120V (ETF)
Finish: - B, P



CTL1504-P-WHT New Decade - Wall Wash

Designed for the T4 120V single-ended frosted halogen lamp (ETF) to provide an even wash of illumination for wide accent areas such as art galleries, product displays, signage, etc. The rounded compact design features a die cast full cut-off louver and tempered glass lens. A stippled aluminum reflector assures a smooth beam pattern for uniform light distribution. The "Sure-Set" yoke firmly holds the aiming position without unsightly knobs. Integral on/off switch and track polarity indicator are standard. White louver.

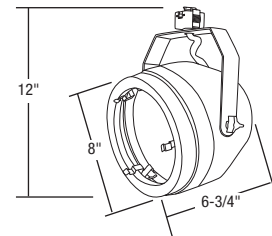
Max. Lamp: 150W, T4, Frosted, Double Contact, Bayonet Base, 120V (ETF)
Finish: - P



CTL5256 PAR56 Theatrical Bell

This PAR fixture is ideal for sophisticated spaces such as museums, galleries, and malls. Anywhere powerful interior light is needed, these fixtures are up for the task. The fixture provides 360° horizontal rotation and 0° to 120° vertical rotation for aiming. The two adjustment knobs lock the fixture into place. The deep faceplate provides visual cutoff to the lamp. The accessory clips are included to accommodate one LF56 lens. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 300W PAR56 or Q500W PAR56, Extended Mogul end prong, 120V
Finish: - B, P, S



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

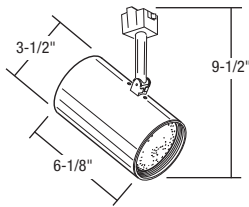
B - Black

P - White

S - Silver



These kits are a convenient and economical choice for builders. Available in three fixture kits, complete with track and floating electrical outlet feed. Track kits also may be used as starter kits by adding connectors and additional track sections.



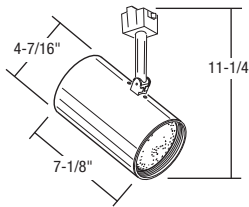
PAR20 Builder's Track Kit

A very economical three light fixture kit complete with track and floating electrical outlet feed. Stem mounting conceals wires while providing 350° rotation with full vertical adjustment. A black phenolic baffle assures full cut-off. LTK models may be used as starter kits by adding LA-2 or LA-12 connectors (page 100) and additional track sections. Will accept FA-20 holders and LF20 lenses (see page 83 for fixture accessories).

Max. Lamp: 50W PAR20, 75W R20, E26 Medium Base, 120V
Finish: -P

Kit includes:

- (3) CTL120-P Fixtures white finish
- (1) LT-4-P 4-foot track section
- (1) LA-7-P Floating feed kit



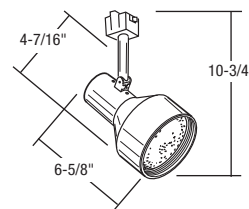
PAR30LN Builder's Track Kits

A very economical three light fixture kit complete with track and floating electrical outlet feed. Stem mounting conceals wires while providing 350° rotation with full vertical adjustment. A black phenolic baffle assures full cut-off. LTK models may be used as starter kits by adding LA-2 or LA-12 connectors (page 100) and additional track sections. Will accept FA-30 holders and LF30 lenses (see page 83 for fixture accessories).

Max. Lamp: 75W PAR30LN, 100W A19, 65W BR30, 100W R30 (Long neck PAR30 lamp suggested for this model), E26 Medium Base, 120V
Finish: -P

Kit includes:

- (3) CTL130-P Fixtures white finish
- (1) LT-4-P 4-foot track section
- (1) LA-7-P Floating feed kit



PAR30LN Builder's Track Kit

A very economical three light fixture kit complete with track and floating electrical outlet feed. Stem mounting conceals wires while providing 350° rotation with full vertical adjustment. A black phenolic baffle assures full cut-off. LTK models may be used as starter kits by adding LA-2 or LA-12 connectors (page 100) and additional track sections. Will accept FA-30 holders and LF30 lenses (see page 83 for fixture accessories).

Max. Lamp: 75W PAR30LN (Long neck PAR30 lamp suggested for this model), 100W A19, 65W BR30, E26 Medium Base, 120V
Finish: -P

Kit includes:

- (3) CTL330-P Fixtures white finish
- (1) LT-4-P 4-foot track section
- (1) LA-7-P Floating feed kit

LTK3120-P

(3) CTL120-P fixtures



LTK3130-P

(3) CTL130-P fixtures



LTK3330-P

(3) CTL330-P fixtures



Fixture Finish Codes

P - White

pendant fixtures



Restaurant photo by Con-Tech Lighting.

Decorative pendants from Con-Tech add a unique signature look to any décor or setting. These pendants are uniquely adaptable for track and mono-point applications. Offered with a wide array of decorative glass to beautifully illuminate displays, counters and tabletops these stylized pendants provide endless possibilities for lighting designers.



RLM40 Decorator Series - Incandescent

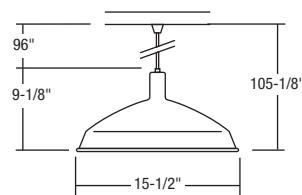
Provided with a 96" cord that may be cut to fit the application. These shades feature a white reflective interior. An LA-17A track adapter is supplied with each fixture. For mounting a single fixture to an outlet box, an optional LA-18 mono-point adapter is available. Integral on/off switch and track polarity indicator are standard. Uses incandescent lamps up to 150W.

Max. Lamp: 100W A21, 150W G40, E26 Medium Base
Finish: - B, G, P, R, U, U/B, Y

Accessories:

LA-18 Mono-Point mounting adapter for outlet box
(see page 113)

**Black cord furnished with -B and -U/B finishes.
White cord on all others**



Industrial Shade Shades for RLM40- feature a white reflective interior finish and decorator hues.



B - Black



G - Green



P - White



R - Red



U - Unfinished Aluminum

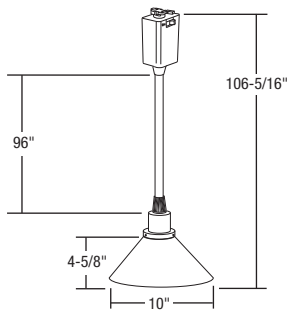


U/B - Unfinished Aluminum
with Black Cord



Y - Yellow

*For use on other manufacturer's track systems, see page 112.



Decorator Series - Incandescent

Offered in a variety of finishes, and may be matched with a frosted or clear ribbed glass shade, or a cased green glass. Furnished with a 96" cord that can be adjusted in length. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 100W A21, E26 Medium Base, 120V
Finish: - B, P

RLM19



RLM19 Decorator Glass Shade

Frost or clear ribbed glass shades for the RLM19 series.



LA1534

(Shown here with RLM19-P)
Frost Ribbed Glass Shade
4-5/8"H x 10"Dia.



LA1536

Clear Ribbed Glass Shade
4-5/8"H x 10"Dia.



LA1551

(Shown here with RLM19-B)
Cased Green Glass Shade
4-5/8"H x 10"Dia.

LA1935

Frost Ribbed Glass Shade
4-5/8"H x 6"Dia.

LA1971

(Shown here with RLM19-P)
Clear Ribbed Glass Shade
4-5/8"H x 6"Dia.

LA1937

Cased Green Glass Shade
5-1/4"H x 6-1/2"Dia.



A15 Track Pendant

Designed for **Gravity-Fit** shades. Semi-rigid cable wiring cover keeps cord straight for a clean appearance. Available in 2', 4', and 8' lengths. Pendants may be field modified for shorter lengths. Shades sold separately (see pages 194-207 for selection).

Max. Lamp: 60W max., 120V A15 E26 medium base (except for shade MLA248 which accepts a 40W A15 maximum wattage lamp).

Finish: - B, P, S

RLMA1524N

2' A15 Track Pendant

RLMA1548N

4' A15 Track Pendant

RLMA1596N

8' A15 Track Pendant



Note:

Track connector is shipped in the carton but not attached. Requires field connection after the glass is slid over the gravity-fit socket. Integral on/off switch and track polarity indicator are standard.



G9 Track Pendant

Designed for **Gravity-Fit** shades. Semi-rigid cable wiring cover keeps cord straight for a clean appearance. Available in 2', 4', and 8' lengths. Pendants may be field modified for shorter lengths. Shades sold separately (see pages 194-207 for selection).

Max. Lamp: 40W max., 120V T4, G9 bi-pin base (except for shade MLA248 which accepts a 25W G9 maximum wattage lamp. This fixture is supplied with a tempered frosted finger glass.

Finish: - B, P, S

RLM924N

2' G9 Track Pendant

RLM948N

4' G9 Track Pendant

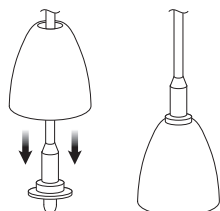
RLM996N

8' G9 Track Pendant



Note:

Track connector is shipped in the carton but not attached. Requires field connection after the glass is slid over the gravity-fit socket. Integral on/off switch and track polarity indicator are standard.



Gravity-Fit Shade and Pendant Assembly

Gravity-Fit shades are attached over the cable and rest on the socket flange.

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

P - White

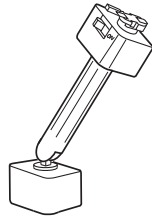
S - Silver

Fixture Extensions



LA1018-P

Pictured with CTL838



LA1004

Slope Ceiling Adapter
Use with Line voltage fixtures or extensions when track is mounted to a sloped ceiling or with LA-18 Mono-point.
Length: 4"
Finish: - B, P



LA1024

24" Extension
Length: 26-1/4"
Finish: - B, P, S

LA1048

48" Extension
Length: 50-1/4"
Finish: - B, P, S

LA1012

12" Extension
Length: 14-1/4"
Finish: - B, P, S

LA1018

18" Extension
Length: 20-1/4"
Finish: - B, P, S

LA1036

36" Extension
Length: 38-1/4"
Finish: - B, P, S



Accessory Holders



Accessory Mounting Clips



LA-25-SC

18" Steel Safety Cable
Secures with swivel snap.

Accessory Holders

FAH-16

Accessory Holder
(For fixtures: CTL2116, CTL2216)
Finish: - B, P, S

FA-20

Accessory Holder
(For fixtures: CTL120, CTL2120, CTL220, CTL2220, CTL520, CTL8020)
Finish: - B, P, S

FA-30

Accessory Holder
(For fixtures: CTL130, CTL2130, CTL2230, CTL230, CTL330, CTL5030, CTL530, CTL600, CTL8030)
Finish: - B, P, S

FA-40

Accessory Holder
(For fixtures: CTL140, CTL2140, CTL240, CTL2240, CTL340, CTL5038, CTL540, CTL600/LA-40, CTL8038)
Finish: - B, P, S

LA-70

Accessory Holder
(For CTL500DEWW)
Finish: - B, P, S

LA-9020

Media Holder with
Stainless Steel Closure Clip
(For CTL9020)
Finish: - B, P, S

Accessory Mounting Clips

FA-28

Black Accessory Mounting Clips
for CTL2820 and CTL2830 (set of 3)

FA-2838

Black Accessory Mounting Clips
for CTL2838N (set of 3)

FA-37

Black Accessory Mounting Clips
for LA620/6020 (set of 3)

FA-37A

Black Accessory Mounting Clips
for LA630/6030 (set of 3)

FA-37B

Black Accessory Mounting Clips
for LA6838/6038 (set of 3)

FA-38

Black Accessory Spring Clips
for CTL830 and CTL838/2 (set of 3)

FA-9020

Black Accessory Mounting Clips
for CTL9020 (set of 4)

Fixture Finish Codes

B - Black

P - White

S - Silver



Colored Glass Filters

- LF18**
3-1/16"Dia.
Finish: - A, B, G, LB, R, RO, Y
- LF20**
3-3/4"Dia.
Finish: - A, B, G, LB, R, RO, Y
- LF20_86MM**
3-3/8"Dia.
Finish: - A, B, G, LB, R, RO, Y
- LF30**
4-11/16"Dia.
Finish: - A, B, G, LB, R, RO, Y
- LF38**
4-7/8"Dia.
Finish: - A, B, G, LB, R, RO, Y
- LF40**
5-7/16"Dia.
Finish: - A, B, G, LB, R, RO, Y
- LF56**
7"Dia.
Finish: - A, B, G, LB, R, RO, Y



Optical Filters

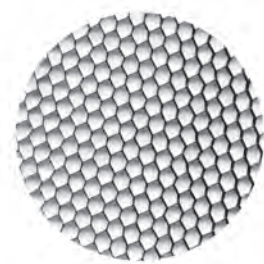
- LF18**
3-1/16"Dia.
Finish: - 73, CL, LS, SL, UV
- LF20**
3-3/4"Dia.
Finish: - 73, CL, LS, SL, UV
- LF20_86MM**
3-3/8"Dia.
Finish: - 73, CL, LS, SL, UV
- LF30**
4-11/16"Dia.
Finish: - 73, CL, LS, SL, UV
- LF38**
4-7/8"Dia.
Finish: - 73, CL, LS, SL, UV
- LF40**
5-7/16"Dia.
Finish: - 73, CL, LS, SL, UV
- LF56**
7"Dia.
Finish: - 73, CL, LS, SL, UV
- LF-70**
Finish: - 73, CL, LS, SL, UV



- BD16**
Black Barn Door
(For fixtures: CTL2116, CTL2216)
- BD20**
Black Barn Door
with Accessory Clips
(For fixtures: CTL120, CTL2120,
CTL220, CTL2220, CTL520,
CTL8020)
- BD30***
Black Barn Door
with Accessory Clips
(For CTL130, CTL2130, CTL230,
CTL2230, CTL330, CTL5030,
CTL530, CTL8030)
- BD38***
Black Barn Door
(For fixtures: CTL838, CTL838/2)
- BD40***
Black Barn Door
with Accessory Clips
(For CTL140, CTL240, CTL2140,
CTL2240, CTL340, CTL5038,
CTL540, CTL8038)

- BD56**
Barn Door
(For CTL5256)
Finish: - B, P, S
- BD60**
Black Barn Door
with Accessory Clips
(For CTL600, CTL601)
- BD70**
Barn Door
(For CTL500DEWW)
Finish: - B, P, S
- BD830**
Black Barn Door
(For CTL830)

* Black is standard finish. Natural aluminum may be ordered by adding suffix -U.



- LA-34**
Black Honeycomb Louver
(For CTL820N) Fits inside
Gimbal Ring
- LA-35**
Black Honeycomb Louver
(For use with FAH-16
Accessory holder)
- LA-36**
Black Honeycomb Louver, 4"Dia.
(For CTL830. No accessory
holder required.)

- LA-37**
Egg Crate Louver, 3-3/4"Dia.
(For use with FA-20 Accessory holder)
Finish: - B, P, S
- LA-38**
Egg Crate Louver, 4-3/4"O.D., 3/4"H,
4-5/16" I.D.
(For use with PAR38 Gimbal
fixture or FA-30 Accessory holder)
Finish: - B, P, S

- LA-39**
Egg Crate Louver
(For use with FA-40 Accessory holder)
Finish: - B, P, S
- LA-56**
Black Egg Crate Louver
(For CTL5256)
- LA-71**
Vertical Blade Louver
(For use with CTL500DEWW)
Finish: - B, P, S

Notes:

Optivex™ is a trademark of Bausch & Lomb. UV filters reduce fading and discoloration in applications such as museums, art galleries, etc.

All of the lenses above are tempered glass.

Heat Treated Solid Color Glass Filter Finishes

- | | | |
|------------------|-----------------|------------|
| A - Medium Amber | LB - Light Blue | Y - Yellow |
| B - Medium Blue | R - Red | |
| G - Medium Green | RO - Rose/Pink | |

Accessory Finish Codes

- | | | |
|-----------|-----------|------------|
| B - Black | P - White | S - Silver |
|-----------|-----------|------------|

Optical Filter Finishes

- | | |
|----------------------------|-----------------------------------|
| 73 - Prismatic Spread Lens | SL - Soft Light, Sandblasted Lens |
| CL - Clear Lens | UV - Optivex UV Filter |
| LS - Linear Spread Lens | |

Incandescent Fixture/Accessory Compatibility Chart

	Accessory Holder	Amber Lens	Blue Lens	Clear Lens	Green Lens	Light Blue Lens	Red Lens	Rose Lens	Yellow Lens	Prismatic Spread Lens	Linear Spread Lens	Soft Light Lens	Optivex UV Lens	Louwer	Barn Door
CTL120	FA-20	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LA-37	BD20
CTL130	FA-30	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LA-38	BD30
CTL140	FA-40	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LA-39	BD40
CTL2116	FAH-16	LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LA-35	BD16
CTL2120	FA-20	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LA-37	BD20
CTL2130	FA-30	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LA-38	BD30
CTL2140	FA-40	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LA-39	BD40
CTL2216	FAH-16	LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LA-35	BD16
CTL2220	FA-20	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LA-37	BD20
CTL2220	FA-20	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LA-37	BD20
CTL2230	FA-30	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LA-38	BD30
CTL2240	FA-40	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LA-39	BD40
CTL230	FA-30	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LA-38	BD30
CTL240	FA-40	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LA-39	BD40
CTL2820	FA-28	LF20-A 86MM	LF20-B 86MM	LF20-CL 86MM	LF20-G 86MM	LF20-LB 86MM	LF20-R 86MM	LF20-RO 86MM	LF20-Y 86MM	LF20-73 86MM	LF20-LS 86MM	LF20-SL 86MM	LF20-UV 86MM		
CTL2830	FA-28	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LA-38	
CTL2838N	FA-2838	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LA-39	
CTL330	FA-30	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LA-38	BD30
CTL340	FA-40	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LA-39	BD40
CTL500DEWW	LA-70									LF-70-73	LF-70-LS	LF-70-SL	LF-70-UV	LA-71	BD70
CTL5030 (With Accessory Holder)	FA-30	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LA-38	BD30
CTL5030 (Within Aperture Sleeve)		LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LA-37	
CTL5038 (With Accessory Holder)	FA-40	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LA-39	BD40
CTL5038 (Within Aperture Sleeve)		LF38-A	LF38-B	LF38-CL	LF38-G	LF38-LB	LF38-R	LF38-RO	LF38-Y	LF38-73	LF38-LS	LF38-SL	LF38-UV		
CTL520	FA-20	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LA-37	BD20
CTL5256		LF56-A	LF56-B	LF56-CL	LF56-G	LF56-LB	LF56-R	LF56-RO	LF56-Y	LF56-73	LF56-LS	LF56-SL	LF56-UV	LA-56	BD56
CTL530	FA-30	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LA-38	BD30
CTL540	FA-40	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LA-39	BD40
CTL600															BD60
CTL600 (With LA-30 PAR30 Lamphshade)	FA-30	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LA-38	BD30
CTL600 (With LA-40 PAR38 Lamphshade)	FA-40	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LA-39	BD40
CTL601															BD60
CTL610 (With LA620 PAR20 Shade)	FA-37	LF20-A 86MM	LF20-B 86MM	LF20-CL 86MM	LF20-G 86MM	LF20-LB 86MM	LF20-R 86MM	LF20-RO 86MM	LF20-Y 86MM	LF20-73 86MM	LF20-LS 86MM	LF20-SL 86MM	LF20-UV 86MM		
CTL610 (With LA630 PAR30 Shade)	FA-37A	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LA-38	
CTL610 (With LA6838 PAR38 Shade)	FA-37B	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LA-39	
CTL6130	FA-37A	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LA-38	
CTL8020	FA-20	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LA-37	BD20
CTL8030	FA-30	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LA-38	BD30
CTL8038	FA-40	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV	LA-39	BD40
CTL830	FA-38	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LA-36 Without Accessory Holder; LA-37 with FA-38	BD830
CTL838		LF38-A	LF38-B	LF38-CL	LF38-G	LF38-LB	LF38-R	LF38-RO	LF38-Y	LF38-73	LF38-LS	LF38-SL	LF38-UV	LA-38	BD38
CTL838/2	FA-38	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LA-38	BD38
CTL9020	FA-9020	LF20-A	LF20-B	LF20-CL	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV		



Lululemon retail store photo by Con-Tech Lighting.

eclipse low voltage fixtures



Con-Tech Lighting's Eclipse Low Voltage Track Fixtures offer an economical alternative to our standard track fixtures. These housings are made of lightweight aluminum. The solid-state electronic transformer (120V/12V) is encased in a polycarbonate housing. MR16 lamp (12V) and clear tempered safety lens are held in place by a metal spring clip that snaps into a regressed internal slot.

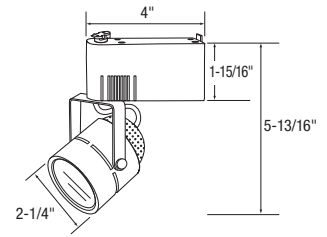
These fixtures are for Single Circuit Track only.



CTL116T Perforated Metal Back Cylinder

Features an aluminum round back cylinder design with a perforated steel back. MR16 lamp and clear tempered safety lens are held in place by a metal spring clip that snaps into the regressed internal slot. The double steel yoke holds the fixture in position with two knobs, and offers 358° aiming. Solid state electronic transformer is encased in a polycarbonate housing. Will accept one LF16 lens.

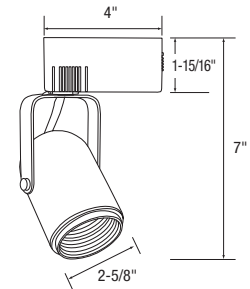
Max. Lamp: 50W MR16 12V, GU5.3 Base
Finish: - B, P



CTL216T Round Back Cylinder

Features an aluminum round back cylinder design to create a softer look. The deep black phenolic baffle conceals the lamp and provides glare control for visual comfort. The rugged yoke provides balanced fixture adjustment and allows for 350° rotation. Solid state electronic transformer is encased in a polycarbonate housing. Will accept one LF16 lens.

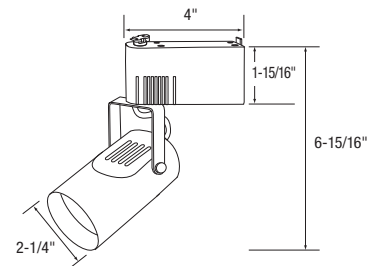
Max. Lamp: 50W MR16 12V, GU5.3 Base
Finish: - B, P



CTL316T Vented Back Cylinder

Features an aluminum cylinder design with slotted sides and a vented back. MR16 lamp and clear tempered safety lens are held in place by a metal spring clip that snaps into the regressed internal slot. The double steel yoke holds the fixture in position with two knobs, and offers 358° aiming. Solid state electronic transformer is encased in a polycarbonate housing. Will accept one LF16 lens.

Max. Lamp: 50W MR16 12V, GU5.3 Base
Finish: - B, P

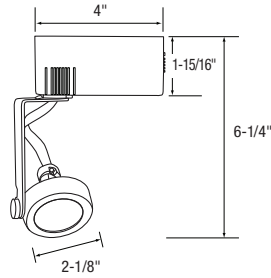


Notice

On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.

Fixture Finish Codes

B - Black P - White



Long Gimbal

Features a "Sure-Set" yoke design to provide accurate aiming and to hold the fixture in position. The fixture offers 350° rotation. Solid state electronic transformer is encased in a polycarbonate housing. Will accept one LF16 lens.

Max. Lamp: 50W MR16 12V, GU5.3 Base
Finish: - B, P



Fixture Finish Codes

B - Black P - White

Notice

On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.

Fixture Accessories



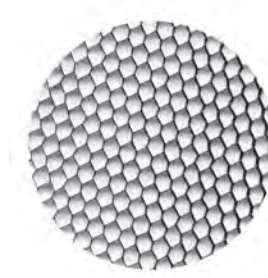
Colored Glass Filters

LF16
2" Dia.
Finish: -A, B, G, LB, R, RO, Y



Optical Filters

LF16
2" Dia.
Finish: -73, CL, LS, SL, SOL, UV



FA-16 50MM

Honeycomb Louver, Black
Dia.: 2"



THS-16

Thermal Heat Shield

Notes:

Optivex™ is a trademark of Bausch & Lomb. UV filters reduce fading and discoloration in applications such as museums, art galleries, etc.

All of the lenses above are tempered glass.

Eclipse Fixture/Accessory Compatibility Chart

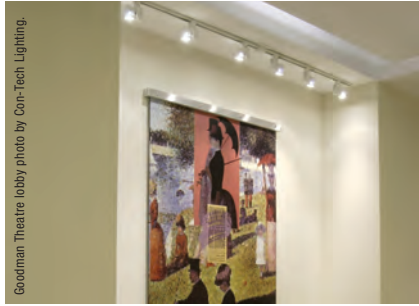
Fixture	Amber Lens	Blue Lens	Clear Lens	Green Lens	Light Blue Lenses	Red Lens	Rose Lens	Yellow Lens	Prismatic Spread Lenses	Linear Spread Lenses	Soft Light Lenses	Optivex UV Lenses	Honeycomb Louver	Thermal Heat Shield
CTL116T CTL216T CTL316T CTL816T	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	THS-16

Heat Treated Solid Color Glass Filter Finishes

A - Medium Amber LB - Light Blue Y - Yellow
B - Medium Blue R - Red
G - Medium Green RO - Rose/Pink

Optical Filter Finishes

73 - Prismatic Spread Lens SL - Soft Light, Sandblasted Lens
CL - Clear Lens SOL - Solite Lens
LS - Linear Spread Lens UV - Optivex UV Filter



Goodman Theatre lobby photo by Con-Tech Lighting.

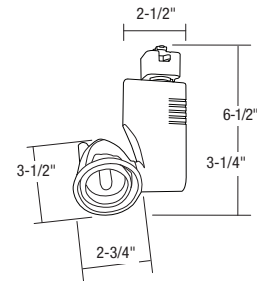
A versatile and efficient choice for creating high-impact lighting in retail displays, restaurants and commercial environments. Con-Tech offers countless options in terms of low voltage lamp types, wattages and beam-spreads. The efficiency of our halogen light sources allows you to replace incandescent lamps of even lower wattage while maintaining a high lumen maintenance over time. And for additional flexibility, many of our low voltage lights are designed to match our line voltage fixtures for a seamless lighting design.



CTL8027/MR16 Optica Vertical Transformer MR16

This fixture features a die cast aluminum housing with a sleek vertical transformer design. The fixture provides lockable, precision aiming adjustment convenient front lamp replacement. Integral on/off switch and track polarity indicator are standard. Will accept FA-8027 accessory holder and two LF16 lenses.

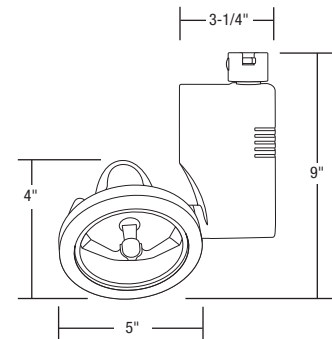
Max. Lamp: 75W MR16FG max. 12V, GU5.3 Base
Finish: - B, P, S



CTL8028AR111 Optica Vertical Transformer AR111

This fixture features a die cast aluminum housing with a sleek vertical transformer design. The fixture provides lockable, precision aiming adjustment with 360°+ horizontal and 180° vertical rotation. Integral on/off switch and track polarity indicator are standard. AR111 lamps allow beam distributions as low as 4° for very tight lighting applications

Max. Lamp: 75W max. AR111 12V, G53 Base
Finish: - B, P, S

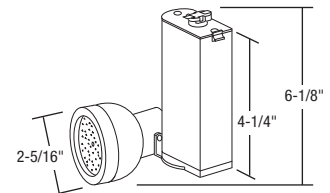


CTL1216T Vertical Transformer Closed-Back MR16

This model features simple styling and durable die cast aluminum construction. The closed-back MR16 bullet design offers front lamp replacement. Adjustable to 180° horizontal rotation and 180° vertical rotation. Equipped with a regressed track adapter polarity indicator. Will accept two LF16 lenses.

Max. Lamp: 50W MR16 max. 12V, GU5.3 Base
Finish: - B, P, S

Note: Cannot be changed to Halo, Lightolier, Capri or Nordic.
Single circuit track only.



*For use on other manufacturer's track systems, see page 112.

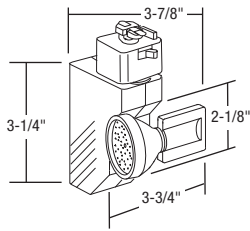
Fixture Finish Codes

B - Black P - White S - Silver

Notices

50 watt IR MR16 lamps should not be used as a direct replacement for standard 50 watt MR16 lamps in semi-enclosed or enclosed fixtures.

On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.

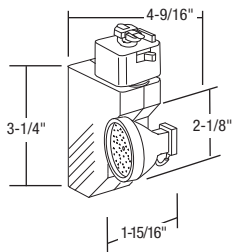


Micro/Lyte™ SlipStream

Compact vertical style 120V/12V electronic transformer model features side-mounted fixture to reduce silhouette. Threaded housing for convenient front relamping. Integral on/off switch and track polarity indicator are standard. Will accept one LF16 45mm lens.

Max. Lamp: 50W MR16 12V, GU5.3 Base
Finish: - B, P, S

CTL8216T

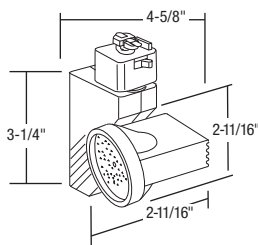


Micro/Lyte™ Gimbal

Compact vertical style 120V/12V electronic transformer model features side-mounted fixture to reduce silhouette. Integral on/off switch and track polarity indicator are standard. Will accept two LF16 lenses.

Max. Lamp: 50W MR16 12V, GU5.3 Base
Finish: - B, P, S

CTL8816T

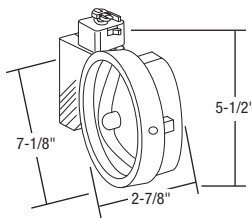


Micro/Lyte™ Tapered Back

Compact vertical style 120V/12V electronic transformer model features side-mounted fixture to reduce silhouette. Integral on/off switch and track polarity indicator are standard. Will accept one LF16 lens.

Max. Lamp: 50W MR16 12V, GU5.3 Base
Finish: - B, P, S

CTL8916T



Micro/Lyte™ AR111 Gimbal

Side-by-side design gives the convenience of a pre-wired fixture/transformer combination with minimal dimensions. The vertically positioned electronic transformer 120/12V keeps the entire fixture to a scant 5-1/2" drop from the track surface. The fully adjustable (90° vertical in both directions, and 356° horizontal) lampholder allows for easy aiming that is firmly held in position. Integral on/off switch and track polarity indicator are standard. Will accept FA-36 clips and one LF30 lens.

Max. Lamp: 75W max. AR111 12V, G53 Base
Finish: - B, P, S

CTL9836T/111



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black P - White S - Silver

Notices

50 watt IR MR16 lamps should not be used as a direct replacement for standard 50 watt MR16 lamps in semi-enclosed or enclosed fixtures.

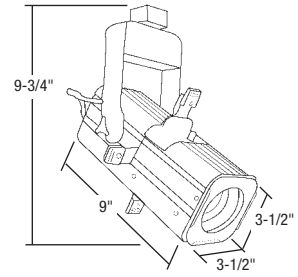
On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.



CTL7516 MR16 Framing Projector with Electronic Transformer

Features die cast aluminum components, and variable focusing capability. Integral on/off switch and track polarity indicator are standard. Yoke has a precise "Sure-Set" aiming adjustment. Framing projector has beam angles ranging from 10°-35° (field angles from 25°-50°). Fixture includes color frame (2-3/8" opening), pattern holder (1-1/4" opening), E size gobo, 38mm outside diameter), and four steel framing shutters. Top slot has adjustable cover to help prevent light leakage. Lamp is fully adjustable without tools.

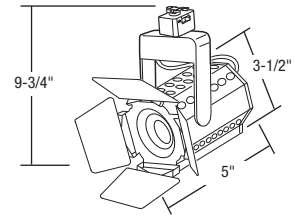
Max. Lamp: 75W max. MR16 12V, GU5.3 Base
Finish: - B, P, S



CTL9016 Theatrical

Built-in barn doors provide excellent cut-off and light control. The CTL9016 has a Solid State low voltage transformer that is concealed in the yoke. The housing is well ventilated to accommodate MR16 lamps up to 75 watts. Integral on/off switch and track polarity indicator are standard. Will accept two LF16 lenses.

Max. Lamp: 75W MR16 12V, GU5.3 Base
Finish: - B, P, S

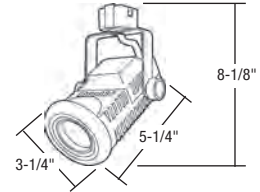


CTL7116 MR16 Track Fixture with Magnetic Transformer

Integral 120/12 volt 50W magnetic class H transformer. Indentations for heat dissipation. Die cast aluminum housing. Baffled front of fixture easily slides off for lamp access, and front is held in place by spring tension. Rugged steel "Sure-Set" yoke design for precise aiming without tools and full 350° rotation. Integral on/off switch and track polarity indicator are standard.

Max. Lamp: 50W MR16 12V, GU5.3 base
Finish: - B, P, S

Dimming Data: Dim only with dimmers rated for low voltage magnetic transformers. Con-Tech LVD-600M series.

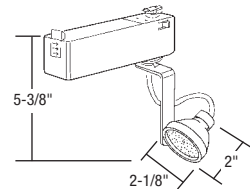


Shown with LA2050N Transformer (sold separately)

CTL816 Short Gimbal

Feature a "Sure-Set" yoke design to provide accurate aiming and hold the fixture in position without unsightly knobs. Each track-mounted transformer has a convenient on/off switch. Will accept two LF16 lenses.

Max. Lamp: 50W MR16 12V, GU5.3 Base
Finish: - B, P, S
Transformer (not included): LA2050N (see page 96)



*For use on other manufacturer's track systems, see page 112.

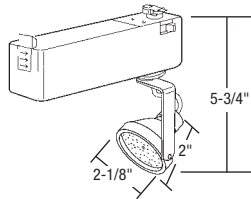
Fixture Finish Codes

B - Black P - White S - Silver

Notices

50 watt IR MR16 lamps should not be used as a direct replacement for standard 50 watt MR16 lamps in semi-enclosed or enclosed fixtures.

On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.



Long Gimbal

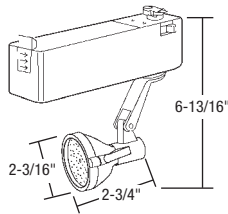
Feature a "Sure-Set" yoke design to provide accurate aiming and hold the fixture in position without unsightly knobs. Each track-mounted transformer has a convenient on/off switch. Will accept two LF16 lenses.

Max. Lamp: 75W MR16 12V, GU5.3 Base
 Finish: - B, P, S
 Transformer (not included): LA2075N or LA1816 (see page 96)

CTL8116



Shown with LA2050N Transformer (sold separately)



Micro/Lyte™ Open Gimbal

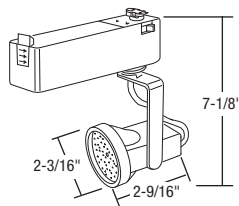
Features an attractive design with a unique 2-piece housing for convenient front relamping. A rear open design allows for efficient lamp heat dissipation. Will accept one LF16 45mm lens.

Max. Lamp: 75W MR16 12V, GU5.3 Base
 Finish: - B, P
 Transformer (not included): LA2075N or LA1816 (see page 96)

CTL9816



Shown with LA2050N Transformer (sold separately)



Micro/Lyte™ Tapered Back

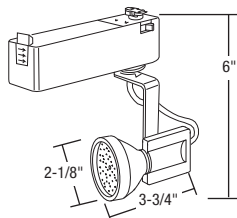
Features an attractive design with a unique 2-piece housing for convenient front relamping. A rear open design allows for efficient lamp heat dissipation. Will accept one LF16 lens.

Max. Lamp: 75W MR16 12V, GU5.3 Base
 Finish: - B, P
 Transformer (not included): LA2075N or LA1816 (see page 96)

CTL916N



Shown with LA2050N Transformer (sold separately)



Micro/Lyte™ SlipStream

Features single yoke mounted fixture for aiming adjustment. Threaded housing for convenient front relamping. Convenient on/off switch is standard on LA2050N series. Will accept one LF16 45mm lens.

Max. Lamp: 75W MR16 12V, GU5.3 Base
 Finish: - B, P
 Transformer (not included): LA2075N or LA1816 (see page 96)

CTL8216



Shown with LA2050N Transformer (sold separately)

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black P - White S - Silver

Notices

50 watt IR MR16 lamps should not be used as a direct replacement for standard 50 watt MR16 lamps in semi-enclosed or enclosed fixtures.

On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.

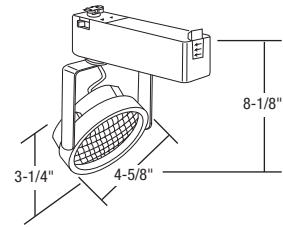


Shown with LA2050N Transformer (sold separately)

CTL836 PAR Gimbal

Feature a "Sure-Set" yoke design to provide accurate aiming and hold the fixture in position without unsightly knobs. Each track-mounted transformer has a convenient on/off switch. Will accept FA-36 clips and one LF30 lens.

Max. Lamp: 50W PAR36 12V, Screw Terminals
 Finish: - B, P
 Transformer (not included): LA2050N or LA1816 (see page 96)

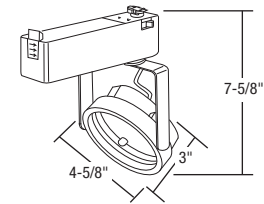


Shown with LA2050N Transformer (sold separately)

CTL836/111 AR111 Gimbal

Mounts to LA2050N track-mounted transformer or the LA1816 low voltage mono-point. Powered by electronic Solid State transformer, 120/12V. Yoke has a precise "Sure-Set" aiming adjustment. Track fixture incorporates an integral on/off switch and visible polarity indicator in the track adapter. Will accept FA-36 clips and one LF30 lens.

Max. Lamp: 50W AR111, 12V, G53 Base
 Finish: - B, P
 Transformer (not included): LA2050N or LA1816 (see page 96)



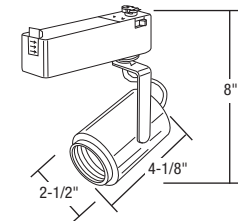
Shown with LA2050N Transformer (sold separately)

CTL116 Flat Back Cylinder

Deep set lamp placement restricts glare. This model features a rugged yoke for balanced fixture adjustment and full 350° rotation. Will accept one LF16 lens.

Max. Lamp: 50W MR16 12V, GU5.3 Base
 Finish: - B, P
 Transformer (not included): LA2050N or LA1816 (see page 96)

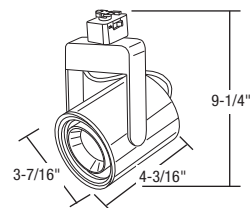
Dimming Data: The CTL116/LA2050N may be dimmed with control for electronic transformers (LVD300E).



CTL1016 Flat Back Cylinder

Feature a built-in Solid State 120V-12V transformer placed in the yoke. The transformer is RFI shielded to FCC standards. The "Sure-Set" yoke design firmly holds any aiming position without unsightly knobs and provides 350° rotation. A deep set die-cast black baffle provides full cut-off. Integral on/off switch and track polarity indicator are standard. Will accept one LF16 lens.

Max. Lamp: 50W MR16 12V, GU5.3 Base
 Finish: - B, P



*For use on other manufacturer's track systems, see page 112.

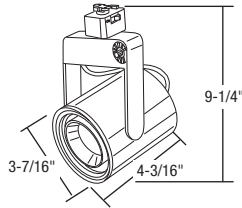
Fixture Finish Codes

B - Black P - White

Notices

50 watt IR MR16 lamps should not be used as a direct replacement for standard 50 watt MR16 lamps in semi-enclosed or enclosed fixtures.

On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.

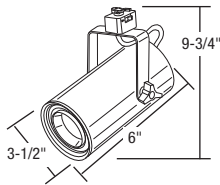


Flat Back Cylinder with Dimmer

Feature a built-in Solid State 120V-12V transformer placed in the yoke. The transformer is RFI shielded to FCC standards. The "Sure-Set" yoke design firmly holds any aiming position without unsightly knobs and provides 350° rotation. A deep set die-cast black baffle provides full cut-off. Feature a built-in full range dimming device to illuminate an item with the control of a knob on the yoke transformer, and then conveniently switch on/off at wall switch. Integral on/off switch and track polarity indicator are standard. Will accept one LF16 lens.

Max. Lamp: 50W MR16 12V, GU5.3 Base
Finish: - B, P

CTL1016/DIM



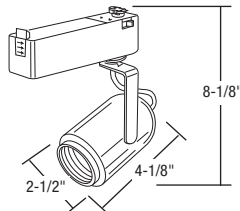
Flat Back Cylinder with Magnetic Transformer

The CTL1116 is supplied with an integral 120/12 volt magnetic Class H transformer. It may be used with a low voltage dimmer for inductive loads. Deep set lamp placement restricts glare. This model features a rugged yoke for balanced fixture adjustment and full 350° rotation. Integral on/off switch and track polarity indicator are standard. Will accept one LF16 lens.

Max. Lamp: 50W MR16 12V, GU5.3 Base
Finish: - B, P

Dimming Data: The model CTL1116 utilizes magnetic transformers and must be controlled by a device specifically made for dimming low voltage fixtures with magnetic transformers (LVD600M).

CTL1116



Mini-Round Back Cylinder

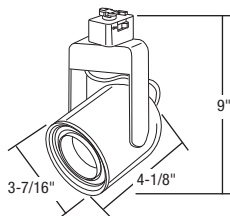
Features a deep black phenolic baffle to conceal the lamp and provide control of glare for visual comfort. The low voltage CTL216 uses MR16 lamps and requires an LA2050N or LA1816 Solid State converter. Features a convenient on/off switch. Will accept one LF16 lens.

Max. Lamp: 50W MR16 12V, GU5.3 Base
Finish: - B, P
Transformer (not included): LA2050N or LA1816 (see page 96)

CTL216



Shown with
LA2050N
Transformer
(sold separately)



Round Back Cylinder

Feature a built-in Solid State 120V-12V transformer placed in the yoke. The transformer is RFI shielded to FCC standards. The "Sure-Set" yoke design firmly holds any aiming position without unsightly knobs and provides 350° rotation. A deep set die-cast black baffle provides full cut-off. Integral on/off switch and track polarity indicator are standard. Will accept one LF16 lens.

Max. Lamp: 50W MR16 12V, GU5.3 Base
Finish: - B, P

CTL2016



*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black P - White

Notices

50 watt IR MR16 lamps should not be used as a direct replacement for standard 50 watt MR16 lamps in semi-enclosed or enclosed fixtures.

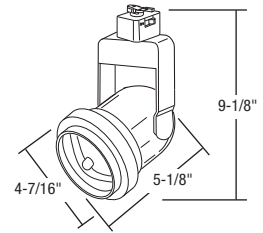
On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.



CTL536/111 Classic Bell Spot

Features Solid State transformer built into a yoke mounted compartment. The spacing between lamp and transformer ensure greater reliability by reducing heat in the transformer compartment. Yoke has a precise "Sure-Set" aiming adjustment. Integral on/off switch and track polarity indicator are standard.

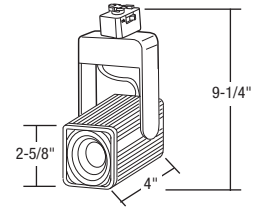
Max. Lamp: 50W AR111 12V, G53 Base
Finish: - B, P



CTL7016 Fluted Square Shape

A Solid State 120/12 volt transformer is housed in the yoke for maximum heat dissipation. The transformer is RFI shielded to FCC standards. A deep die cast black baffle provides full cut-off. The black phenolic baffle assures maximum cut-off and visual comfort. Features a "Sure-Set" yoke design for precise, rigid aiming without unsightly knobs. Integral on/off switch and track polarity indicator are standard. Will accept one LF16 lens.

Max. Lamp: 50W MR16 12V, GU5.3 Base
Finish: - B, P



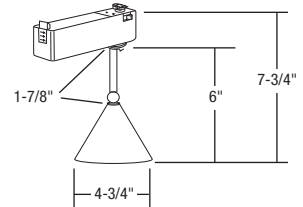
CTL616 RLM16 Decorator Adjustable Fixture

Adaptable for track or mono-point applications. Select glass shades below. Shown with LA2050N Transformer (sold separately)

Max. Lamp: 12V 50W MR16 FG or Bi-Pin T4
Transformer (not included): LA2050N or LA1816 (see page 96)

CTL616/BLK: Black Stem
Decorative Ball Finish: - C

CTL616/WHT: White Stem
Decorative Ball Finish: - C



Stem Colors

BLK - Black WHT - White

Decorative Ball Finishes

C - Chrome

*For use on other manufacturer's track systems, see page 112.

Glass Shades Compatible with CTL616



LA1634

Cone, Satin Glass

Dimensions: 3"H x 4^{3/4}"DIA

Finish Codes:

- A - Amber
- F - Frosted
- PR - Purple
- B - Blue
- G - Green
- R - Red



LA1635

Drizzle Cone

Dimensions: 3"H x 5^{1/4}"DIA

Finish Codes:

- AP - Apricot
- BL - Balck
- B - Blue
- R - Red



SL9006N

Tulip Glass Shade

Dimensions: 3^{1/2}"H x 3^{1/8}"DIA

Finish Codes:

- A - Antique Ivory, Satin
- G - Green, Satin
- CB - Cobalt Blue, Satin
- R - Red, Satin
- F - Frosted
- Y - Yellow, Satin

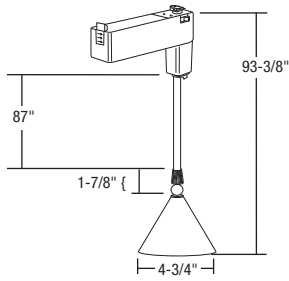
Fixture Finish Codes

B - Black P - White

Notices

50 watt IR MR16 lamps should not be used as a direct replacement for standard 50 watt MR16 lamps in semi-enclosed or enclosed fixtures.

On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.



Decorator Series - Low Voltage

Adaptable for track or mono-point applications. The exclusive (LA-17LV, supplied) allows the 12V pendants to be mounted to the Con-Tech Lighting track system using the LA2050N Solid State converter (sold separately on page 96) or the LA1816 Mono-point (sold separately on page 96), which is complete with built-in transformer. RLM16 supplied for a maximum length of 87-1/2" or may be field cut to desired length. Select glass shade below.

Max. Lamp: 12V 20-50W MR16 FG, GU5.3 Base or T4, GY6.35 Base
Transformer (sold separately): LA2050N or LA1816 (see page 96)

RLM16/BLK

With Black Cord
Decorative Ball Finish: - C

RLM16/WHT

With White Cord
Decorative Ball Finish: - C

RLM16

Shown with Track-Mounted Solid State Transformer (LA2050N)

Shown with Mono-Point Solid State Transformer (LA1816)



Glass Shades Compatible with RLM16



LA1632

Ellipse, Case Glass

Dimensions: 11 1/2"H x 4 1/2"DIA

Finish Codes:

AP - Apricot	R - Red
B - Blue	W - White



LA1633

Oval, Frit Case Glass

Dimensions: 6"H x 4"DIA

Finish Codes:

AP - Apricot	R - Red
B - Blue	W - White



LA1634

Cone, Satin Glass

Dimensions: 3"H x 4 3/4"DIA

Finish Codes:

A - Amber	F - Frosted	PR - Purple
B - Blue	G - Green	R - Red



LA1635

Drizzle Cone

Dimensions: 3"H x 5 1/4"DIA

Finish Codes:

AP - Apricot	BL - Black
B - Blue	R - Red



SL9006N

Tulip Glass Shade

Dimensions: 3 1/2"H x 3 1/8"DIA

Finish Codes:

A - Antique Ivory, Satin	G - Green, Satin
CB - Cobalt Blue, Satin	R - Red, Satin
F - Frosted	Y - Yellow, Satin

Cord Colors

BLK - Black

WHT - White

Decorative Ball Finishes

C - Chrome

Surface Mount Transformers



LA2050N
Track-Mounted Electronic Transformer (120V-12V)
50W
4"L x 1-3/8"W x 1-5/8"H
Finish: - B, P, S
Transformer Range: 20-50W



LA2075N
Track-Mounted Electronic Transformer (120V-12V)
75W
4"L x 1-3/8"W x 1-5/8"H
Finish: - B, P, S
Transformer Range: 20-75W



LA2050HSYM
Track-Mounted Electronic Transformer (120V-12V)
50W
Adapts Symphony Low Voltage fixtures to standard track use.
See pages 124-125 for fixtures.
5-1/8"L x 1-3/8"W x 1-5/8"H
Finish: - B, P, S
Transformer Range: 20-50W



LA2050VSYM
Track-Mounted Electronic Transformer (120V-12V)
50W
Adapts Symphony Low Voltage fixtures to standard track.
See pages 124-125 for fixtures.
1-3/4"L x 1-1/8"W x 4-1/8"H
Finish: - B, P, S
Transformer Range: 20-50W



LA1816
Mono-Point Electronic Transformer (120V-12V)
75W, mounts to 4" round Junction Box
1-1/2"H x 4-3/4"Dia.
Finish: - B, P
Transformer Range: 20-75W



LA-18160
Mono-Point Remote Transformer use only,
mounts to 4" round Junction Box
1-1/2"H x 4-3/4"Dia.
Finish: - B, P

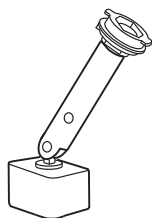


LA1816 277V
Mono-Point Electronic Transformer (277V-12V)
75W, mounts to 4" round Junction Box
1-1/2"H x 4-3/4"Dia.
Finish: - B, P
Transformer Range: 20-75W

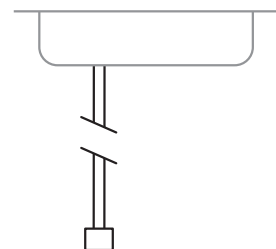
Low Voltage (12V) Fixture Extensions



LA1018LV-P
Pictured with CTL816/LA2050N



LA1004LV
Slope Ceiling Adapter
Use with low voltage fixtures or extensions when track is mounted to a sloped ceiling. (For use with LA2050N or LA2075N Solid State Transformer or LA1816 Mono-point)
Length: 4"
Finish: - B, P



LA1012LV
12" Extension
Length: 15-1/2"
Finish: - B, P, S

LA1024LV
24" Extension
Length: 27-1/2"
Finish: - B, P, S

LA1048LV
48" Extension
Length: 51-1/2"
Finish: - B, P, S

LA1018LV
18" Extension
Length: 21-1/2"
Finish: - B, P, S

LA1036LV
36" Extension
Length: 39-1/2"
Finish: - B, P, S

Fixture Finish Codes

B - Black

P - White

S - Silver

Fixture Accessories



Colored Glass Filters

LF16

2" Dia.

Finish: - A, B, G, LB, R, RO, Y

LF16_45MM

1-3/4" Dia.

Finish: - A, B, G, LB, R, RO, Y

LF30

4-11/16" Dia.

Finish: - A, B, G, LB, R, RO, Y



Optical Filters

LF16

2" Dia.

Finish: - 73, CL, LS, SL, SOL, UV

LF16_45MM

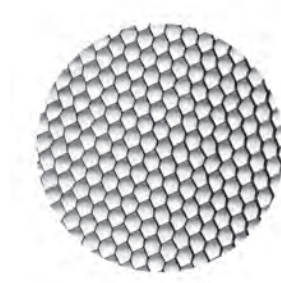
1-3/4" Dia.

Finish: - 73, CL, LS, SL, SOL, UV

LF30

4-11/16" Dia.

Finish: - 73, CL, LS, SL, UV



FA-16 50MM

Honeycomb Louver, Black
(For MR16 Lamps) 2" Dia.

FA-16 45MM

Honeycomb Louver, Black,
(For MR16 Lamps) 1-3/4" Dia.

LA-38

Egg Crate Louver

Finish: - B, P, S



LA-816

Cut Off Baffle/Snoot, Black,
1-3/8" Dia. x 1-3/16" L
(For MR16 Lamps except
CTL7516, CTL8216, CTL8216T,
CTL9016, and CTL9816)



BD16A

Barn Door, Black (For MR16
Fixtures CTL116 and CTL216)



THS-16

Thermal Heat Shield
(For MR16 Lamps except
CTL8216, CTL8216T, and
CTL916N)



LA-25-SC

18" Steel Safety Cable
Secures with swivel snap.

Accessory Mounting Clips

FA-36

Black Accessory Spring Clips
for CTL836, CTL836/111,
and CTL9836T/111

Accessory Holder

FA-8027

Accessory Holder for
CTL8027/MR16
Finish: - B, P, S

Notes:

Optivex™ is a trademark of Bausch & Lomb. UV filters reduce fading and discoloration in applications such as museums, art galleries, etc.

All of the lenses above are tempered glass.

Fixture Finish Codes

B - Black

P - White

S - Silver

Heat Treated Solid Color Glass Filter Finishes

A - Medium Amber

LB - Light Blue

Y - Yellow

B - Medium Blue

R - Red

G - Medium Green

RO - Rose/Pink

Optical Filter Finishes

73 - Prismatic Spread Lens

SL - Soft Light, Sandblasted Lens

CL - Clear Lens

SOL - Solite Lens

LS - Linear Spread Lens

UV - Optivex UV Filter

Low Voltage Fixture/Accessory Compatibility Chart

	Accessory Holder	Amber Lens	Blue Lens	Clear Lens	Green Lens	Light Blue Lens	Red Lens	Rose Lens	Yellow Lens	Prismatic Spread Lens	Linear Spread Lens	Soft Light Lens	Optivex UV Lens	Honeycomb Louver	Baffle/Snoot	Barn Door	Thermal Heat Shield
CTL1016		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816		THS-16
CTL1016/DIM		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816		THS-16
CTL1116		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816		THS-16
CTL116		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816	BD16A	THS-16
CTL1216T		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816		THS-16
CTL2016		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816		THS-16
CTL216		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816	BD16A	THS-16
CTL7016		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816		THS-16
CTL8027/MR16	FA-8027	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM			
CTL8116		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816		THS-16
CTL816		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816		THS-16
CTL8216		LF16-A 45MM	LF16-B 45MM	LF16-CL 45MM	LF16-G 45MM	LF16-LB 45MM	LF16-R 45MM	LF16-RO 45MM	LF16-Y 45MM	LF16-73 45MM	LF16-LS 45MM	LF16-SL 45MM	LF16-UV 45MM	FA-16 45MM			
CTL8216T		LF16-A 45MM	LF16-B 45MM	LF16-CL 45MM	LF16-G 45MM	LF16-LB 45MM	LF16-R 45MM	LF16-RO 45MM	LF16-Y 45MM	LF16-73 45MM	LF16-LS 45MM	LF16-SL 45MM	LF16-UV 45MM	FA-16 45MM			
CTL836	FA-36	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LA-38			
CTL836/111	FA-36	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV				
CTL8816T		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816		THS-16
CTL8916T		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816		THS-16
CTL9016		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM			THS-16
CTL916N		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816		
CTL9816		LF16-A 45MM	LF16-B 45MM	LF16-CL 45MM	LF16-G 45MM	LF16-LB 45MM	LF16-R 45MM	LF16-RO 45MM	LF16-Y 45MM	LF16-73 45MM	LF16-LS 45MM	LF16-SL 45MM	LF16-UV 45MM	FA16 45MM			THS-16
CTL9836T/111	FA-36	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV	LA-38			



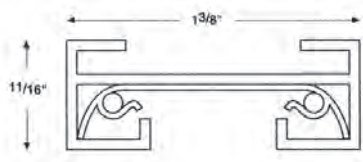
On The Edge Salon and Spa photo by Con-Tech Lighting.

t r a c k a n d a c c e s s o r i e s



Con-Tech Track fits into virtually any lighting design. An extensive selection of track and accessories are offered in our single circuit, 2-circuit and 2-circuit/2-neutral offerings.

SINGLE CIRCUIT TRACK, 120V, 50/60Hz



A myriad of configurations are possible with these 20 amp rated track sections and connectors. The tracks have solid copper conductors with Noryl® insulators placed in heavy 14 ga. extruded aluminum channels. Mechanical polarity with a visual indicator simplifies installation and mounting of fixtures while assuring proper electrical connections. Toggle bolts are supplied for simple installation. Track may be cut in the field. Strong "H" design construction. cULus . Listed for dry location application only.



LT-2

2' Single Circuit, 120V
Actual Length: 20-1/8"
Finish: - B, P, S



LT-4

4' Single Circuit, 120V
Actual Length: 44-1/8"
Finish: - B, P, S



LT-6

6' Single Circuit, 120V
Actual Length: 68-1/8"
Finish: - B, P, S



LT-8

8' Single Circuit, 120V
Actual Length: 92-1/8"
Finish: - B, P, S

LT-12

12' Single Circuit, 120V
Actual Length: 140-1/8"
Finish: - B, P

Note: LA-11 End Cap supplied with all track, may be ordered for replacement needs.

See page 101-104 for Single Circuit Track Accessories.
See page 109 for Recessed Housing Systems.

Track Finish Codes

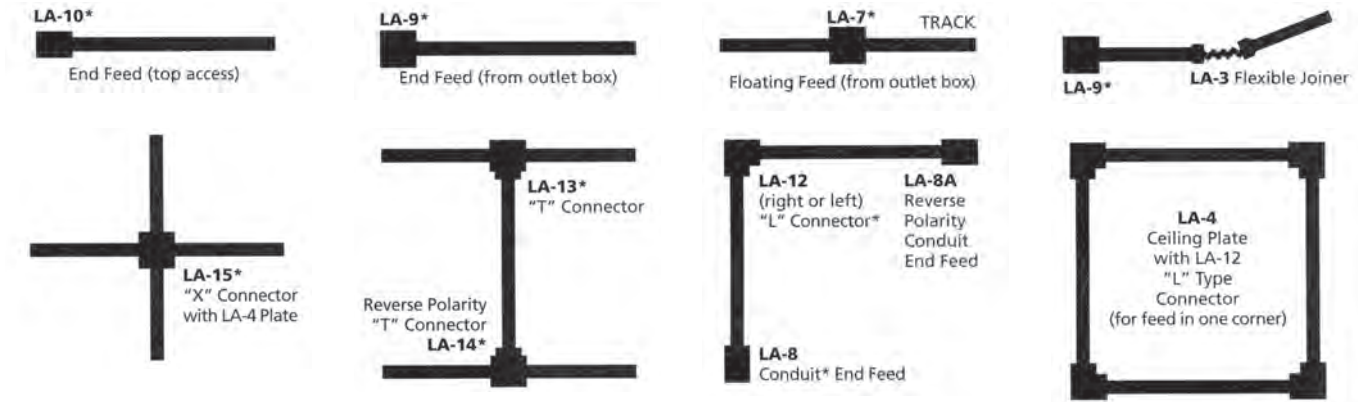
B - Black

P - White

S - Silver

SINGLE CIRCUIT INSTALLATION ACCESSORIES

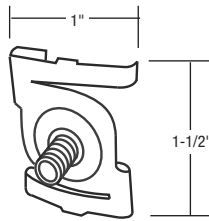
Typical System Installations



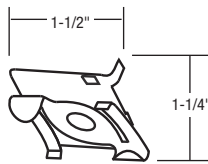
* May be used as a feedpoint

Single Circuit T-Bar Grid Mounting Accessories

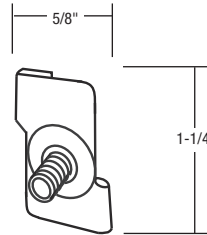
Tile Clips



LA-1
15/16" Grid Stud Type
T-Bar Mounting Clip with
#8-32 x 5/8" Long Studs
(2 per 4' and 6' track, 3 per 8',
and 4 per 12')
Finish: -P

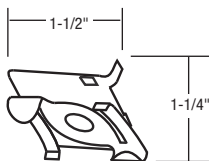


LA-1A
15/16" Grid Slide-on Style
T-Bar Clip
(fits into channel in back of
track. May be spaced to 4')
Finish: -S

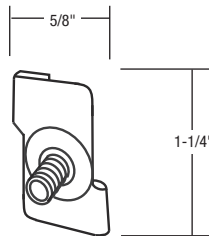


LA-1C
9/16" Grid T-Bar Clip with
#8-32 x 5/8" Long Studs
Finish: -P

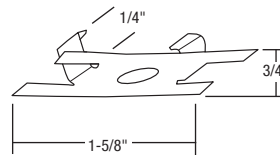
Deep Tile Clips



LA-1B
15/16" Grid Deep Tile T-Bar Clip
(fits into channel in back of
track. May be spaced to 4')
Finish: -S



LA-1CB
9/16" Grid Deep Tile T-Bar Clip
with #8-32 x 7/8" Long Studs
(must be used with LA-1CB
SPACER)
Finish: -S



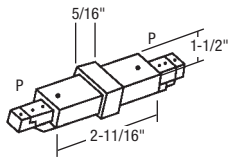
LA-1CB SPACER
Spacer for deep ceiling tiles
(used with LA-1CB)
Finish: -S

Track Accessory Finish Codes

P - White

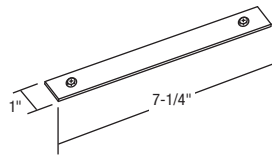
S - Silver

Single Circuit Connection Accessories

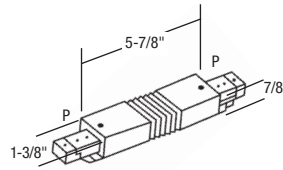


LA-2
Mini-Connector, Conductive
Finish: - B, P, S

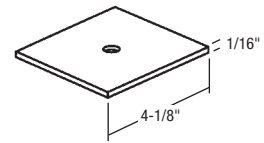
LA-2N
Mini-Connector, Non-conductive
Finish: - B, P, S



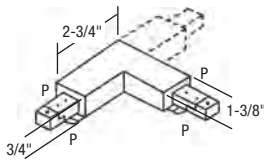
LASB-2
Optional Support Bracket
for LA-2 in Suspended
Applications, Silver
(for single circuit track only)



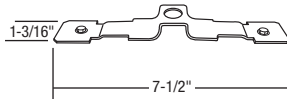
LA-3
Flexible Connector, 35°-325°
Finish: - B, P, S



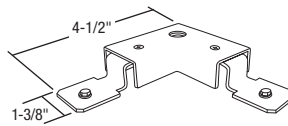
LA-4
Ceiling Plate
(use with LA-12, LA-13, LA-14
or LA-15 or 2-circuit equivalents
for outlet box feed).
Finish: - B, P, S



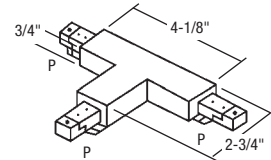
LA-12
3-Way Joiner "L" (right
or left) May be used as
a feedpoint or straight
connector.
Finish: - B, P, S
Inside or Outside Polarity



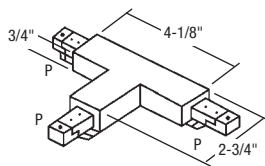
LA-12STS
Straight Bridge Support
Mount stem support kits at
center of LA-12 (3-way joiner).



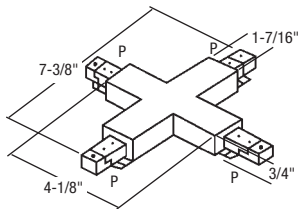
LA-12LTS
Corner Bridge Support
Mount stem support kits at
center of LA-12 (3-way joiner).
Finish: - B, P, S



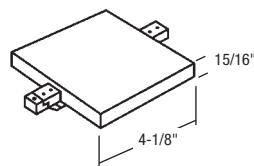
LA-13
"T" Connector
May be used as a feedpoint.
Finish: - B, P, S



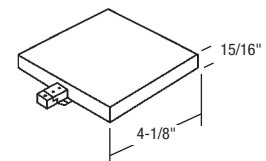
LA-14
Reverse Polarity
"T" Connector (use for H or
double BOX configuration)
May be used as a feedpoint.
Finish: - B, P, S



LA-15
"X" Connector
May be used as a feedpoint.
Finish: - B, P, S



LA-31
3-Way Connector
for T-Bar Mount
May be used as a feedpoint.
Finish: - B, P



LA-20
T-Bar Ceiling End Feed
May be used as a feedpoint
Finish: - B, P

Track Accessory Finish Codes

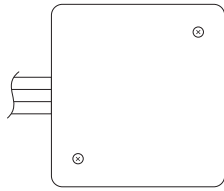
B - Black

P - White

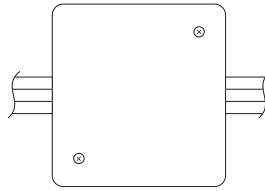
S - Silver

Single Circuit Power Feed Accessories

Title 24 Current Limiting Devices



LA-23-R T24
 Regulator End Feed/Current Limiting Device with 1' track attached
 Title 24 Compliant (CA)
 5"L x 5"W x 1-1/4"H
 Finish: - B, P, S



LA-33-R T24
 Regulator In-Line Feed/Current Limiting Device with 1' track attached
 Title 24 Compliant (CA)
 5"L x 5"W x 1-1/4"H
 Finish: - B, P, S



LA-23T-R T24
 Thin Regulator End Feed/Current Limiting Device with 1' track attached
 Title 24 Compliant (CA)
 5"L x 1-3/8"W x 1-1/4"H
 Finish: - B, P, S

Illuminated Circuit Breakers (1 Required)

Finish: - B, P, S

REG05 60W, 0.5A
REG1 120W, 1A
REG2 210W, 1.75A

REG21 240W, 2A
REG3 300W, 2.5A
REG4 360W, 3A

REG5 480W, 4A
REG6 600W, 5A
REG7 720W, 6A

REG8 840W, 7A
REG9 900W, 7.5A
REG91 960W, 8A

REG10 1200W, 10A
REG12 1440W, 12A
REG14 1680W, 14A

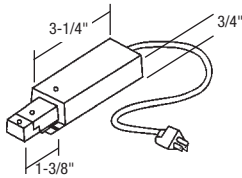
Current Limiting Devices

LA-23-RN
 Regulator End Feed/Current Limiting Device
 No track included
 5"L x 5"W x 1-1/4"H
 Finish: - B, P, S

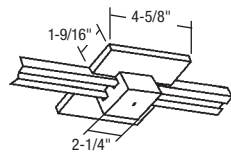
LA-33-RN
 Regulator In-Line Feed/Current Limiting Device
 No track included
 5"L x 5"W x 1-1/4"H
 Finish: - B, P, S

LA-23T-RN
 Thin Regulator End Feed/Current Limiting Device
 No track included
 5"L x 1-3/8"W x 1-1/4"H
 Finish: - B, P, S

These parts are for power feeds and current limiting only and are not Title 24 compliant. These parts must be ordered with the appropriate circuit breaker from the list above.

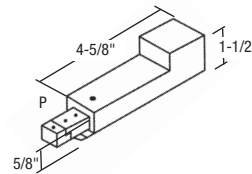


LA-5
 Cord End Feed
 (2 wire with switch)
 Finish: - B, P
 Not UL Listed
 (offered for customer convenience)
 Switch Rated 6A 125V,
 18-2 SPT1 Cord (10A)

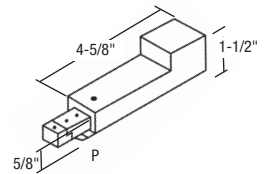


LA-7
 Floating Feed Kit
 (includes LA-11)
 Finish: - B, P, S

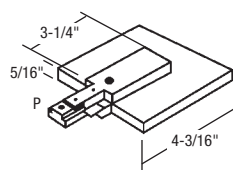
Overall Depth: 1-1/2"



LA-8
 Surface Conduit End Feed
 Finish: - B, P, S

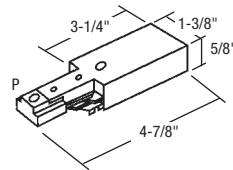


LA-8A
 Reverse Polarity Conduit End Feed
 Finish: - B, P, S

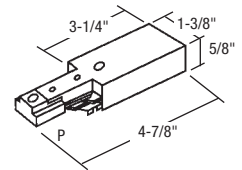


LA-6
 Cord End Feed, 15' Cord (5A)
 (3 wire grounded plug)
 Finish: - B, P

Not UL Listed
 (offered for customer convenience)



LA-10
 End Feed (top access)
 May be used as a feedpoint
 Finish: - B, P, S



LA-10A
 Live End, Reverse Polarity
 May be used as a feedpoint
 Finish: - B, P, S

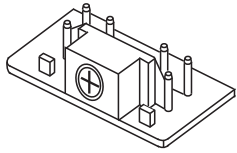
Track Accessory Finish Codes

B - Black

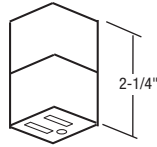
P - White

S - Silver

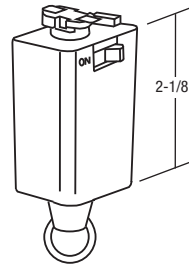
Single Circuit Accessories



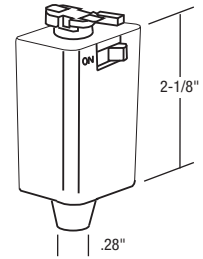
LA-11
Replacement Single Circuit Track End Cap
Supplied with Track
Finish: - B, P, S



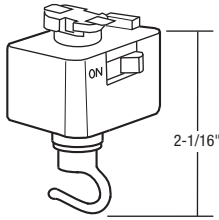
LA-16
Grounded Outlet
Integral on/off switch and track polarity indicator are standard.
Finish: - B, P
Not UL Listed *
(offered for customer convenience)



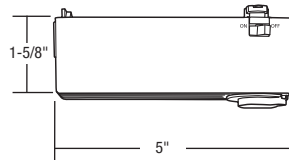
LA-17
Pendant Fixture Adapter - Chain
Integral on/off switch and track polarity indicator are standard.
Finish: - B, P
May be used with fixtures that do not exceed 10 lbs.



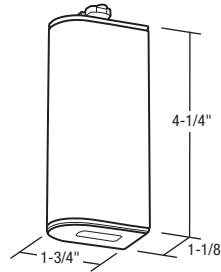
LA-17A
Pendant Fixture Adapter - Cord
Integral on/off switch and track polarity indicator are standard.
Finish: - B, P
May be used with fixtures that do not exceed 10 lbs.
Not UL Listed unless supplied with RLM series fixtures
(offered for customer convenience)



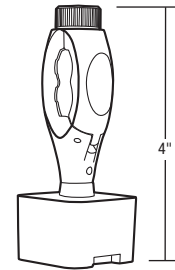
LA-117
Planter or Utility Hook
Finish: - B, P



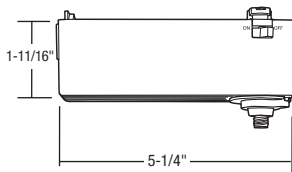
LA2050HSYM
Track-mounted Electronic Transformer (120V-12V)
50W
Adapts Symphony Low Voltage fixtures to standard track use.
(see pages 126-127, 132 for fixtures)
Finish: - B, P, S
Transformer Range: 20-50W



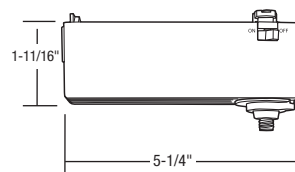
LA2050VSYM
Track-mounted Electronic Transformer (120V-12V)
50W
Adapts Symphony Low Voltage fixtures to standard track use.
(see pages 126-127, 132 for fixtures)
Finish: - B, P, S
Transformer Range: 20-50W



LIR59875
Universal Odyssey Flexible Track Adapter
Connect Con-Tech "CTL" series track fixtures to Odyssey Flexible Track.
10lb. load capacity.
Finish: -S



CRS-LVTQR
Track-mounted Electronic Transformer (120V-12V)
50W
Adapts Quick Release fixtures and Pendants to standard track use. (see pages 159-161 for fixtures)
Finish: - S
Transformer Range: 20-50W



CRS-LVTQRD
Quick Release/Line Voltage Track Adapter
Connect 6W LED Pendants to Line Voltage Track System.
(See page 161 for Pendants)
Finish: - B, P, S



8T FRT INSERT
8' Front Insert
Modify length at the jobsite.
Decorative method of closing access to conductors (required in lower installations).
Finish: - B, P, S

Track Accessory Finish Codes

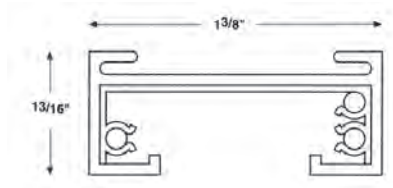
B - Black

P - White

S - Silver

* Track is not allowed to have a convenience receptacle due to a requirement in the NEC. Article 410.101 (a) states that a "Lighting track fitting shall not be equipped with general-purpose receptacles." This requirement in the NEC makes the LA-16 fitting un-Listable by UL.

2-CIRCUIT TRACK, 120V



Enhance the versatility of your track lighting system by installing 2-circuit track. Each section of track contains two hot (120V) conductors, plus a common neutral conductor. All Con-Tech track lights have a two-position contact to access either circuit. The tracks have solid copper conductors with Noryl® insulators placed in heavy 14 ga. extruded aluminum channels. Mechanical polarity with a visual indicator simplifies installation and mounting of fixtures while assuring proper electrical connections. Toggle bolts are supplied for simple installation. Track may be cut in the field. Strong "H" design construction.

The 2-circuit track offers many advantages:

- Split lighting loads over one run of track for higher wattage output per running foot of track
- 40 amp capacity (20 amp per circuit)
- Change lighting effects by simply applying fixtures to desired circuits and utilize separate switching



LT-22

2' 2-Circuit, 120V
Actual Length: 20-1/8"
Finish: - B, P, S



LT-24

4' 2-Circuit, 120V
Actual Length: 44-1/8"
Finish: - B, P, S



LT-26

6' 2-Circuit, 120V
Actual Length: 68-1/8"
Finish: - B, P, S



LT-28

8' 2-Circuit, 120V
Actual Length: 92-1/8"
Finish: - B, P, S



LT-212

12' 2-Circuit, 120V
Actual Length: 140-1/8"
Finish: - B, P

Note: LA-211 End Cap supplied with all track, may be ordered for replacement needs.

Easy to Use 2-Circuit Fixture Mounting

Accessing the alternate track circuit is simple. All Con-Tech track lights have two contacts in the base that engage conductors within the track ... one for neutral and the other for the positive (live) conductor. Dual circuit tracks contain one neutral and **two** positive conductors. Engaging the second live conductor, is as simple as **1, 2, 3 ...**



Step 1
Identify the "Positive" connections on the lighting fixture base, marked "P."



Step 2
To access the second circuit, pull up the connector marked "P" to the position shown.



Step 3
Slide the plastic shim (shipped with track) beneath the connector, locking the tabs in place.

See pages 106-108 for 2-Circuit Track Accessories.
See page 109 for Recessed Housing Systems.

Track Accessory Finish Codes

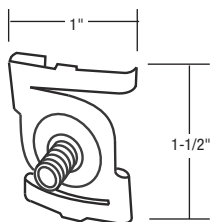
B - Black

P - White

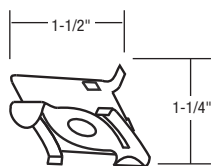
S - Silver

2-CIRCUIT INSTALLATION ACCESSORIES

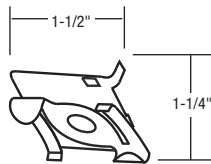
2-Circuit T-Bar Grid Mounting Accessories Tile Clips



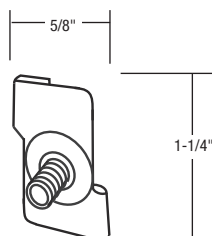
LA-1
15/16" Grid Stud Type
T-Bar Mounting Clip with
#8-32 x 5/8" Long Studs
(2 per 4' and 6' track, 3 per 8',
and 4 per 12')
Finish: -P



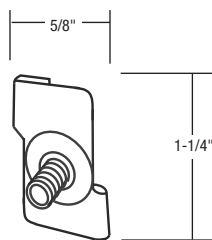
LA-1A
15/16" Grid Slide-on Style
T-Bar Clip
(fits into channel in back of
track. May be spaced to 4')
Finish: -S



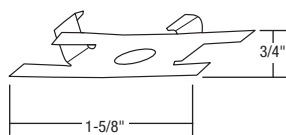
LA-1B
15/16" Grid Deep Tile T-Bar Clip
(fits into channel in back of
track. May be spaced to 4')
Finish: -S



LA-1CB
9/16" Grid Deep Tile T-Bar Clip
with #8-32 x 7/8" Long Studs
(must be used with LA-1CB
SPACER)
Finish: -S

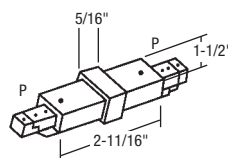


LA-1C
9/16" Grid T-Bar Clip with
#8-32 x 5/8" Long Studs
Finish: -P

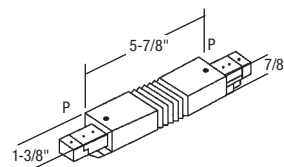


LA-1CB SPACER
Spacer for deep ceiling tiles
(used with LA-1CB)
Finish: -S

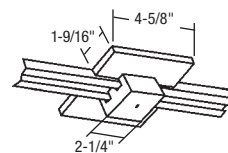
2-Circuit Connection Accessories



LA-202
2-Circuit Mini Connector
Finish: - B, P, S
Note:
Not compatible with LASB-2

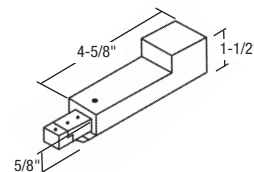


LA-203
2-Circuit Flexible Connector
35°-325°
Finish: - B, P, S



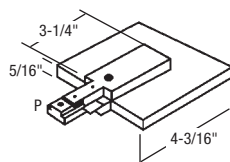
Overall Depth: 1-5/8"

LA-207
2-Circuit Floating Feed Kit
(includes LA-211)
Finish: - B, P, S

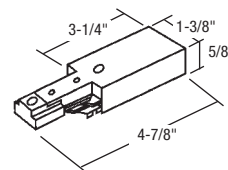


LA-208
2-Circuit Surface Conduit
End Feed

LA-208A
2-Circuit Reverse Polarity
Conduit End Feed
Finish: - B, P, S



LA-209
2-Circuit End Feed Kit
with Cover
(for outlet box mount)
Finish: - B, P, S



LA-210
2-Circuit End Feed

LA-210A
2-Circuit Reverse
Polarity End Feed
May be used as a feedpoint
Finish: - B, P, S

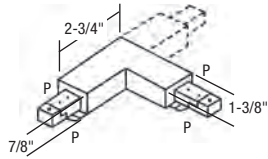
Track Accessory Finish Codes

B - Black

P - White

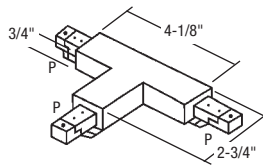
S - Silver

2-Circuit Connection Accessories

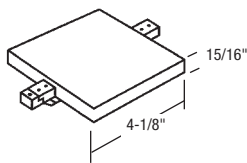


LA-212
2-Circuit 3-Way Joiner "L"
May be used as a feedpoint or straight connector.
Finish: - B, P, S

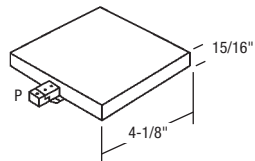
Inside or Outside Polarity



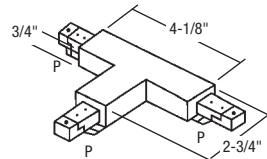
LA-214
2-Circuit Reverse Polarity "T" Connector
May be used as a feedpoint
Finish: - B, P, S



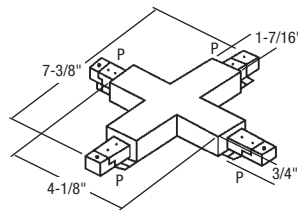
LA-231
2-Circuit, 3-Way Connector for T-Bar Mount
May be used as a feedpoint
Finish: - B, P



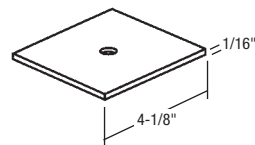
LA-220
2-Circuit T-Bar Ceiling End Feed
May be used as a feedpoint
Finish: - B, P



LA-213
2-Circuit "T" Connector
Finish: - B, P, S



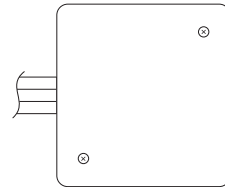
LA-215
2-Circuit "X" Connector
May be used as a feedpoint
Finish: - B, P, S



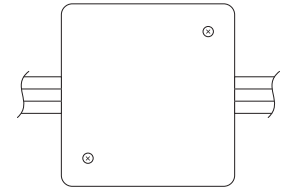
LA-4
Ceiling Plate
(use with LA-212, LA-213, LA-214 or LA-215 or 1-circuit equivalents for outlet box feed)
Finish: - B, P, S

2-Circuit Power Feed Accessories

Title 24 Current Limiting Devices



LA-223-R **T24**
Regulator End Feed/Current Limiting Device with 1' track attached
Title 24 Approved (CA)
5"L x 5"W x 1-1/4"H
Finish: - B, P, S



LA-233-R **T24**
Regulator In-Line Feed/Current Limiting Device with 1' track attached
Title 24 Approved (CA)
5"L x 5"W x 1-1/4"H
Finish: - B, P, S

Illuminated Circuit Breakers (2 Required)

Finish: - B, P, S

REG05 60W, 0.5A
REG1 120W, 1A
REG2 210W, 1.75A
REG21 240W, 2A
REG3 300W, 2.5A
REG4 360W, 3A
REG5 480W, 4A
REG6 600W, 5A

REG7 720W, 6A
REG8 840W, 7A
REG9 900W, 7.5A
REG91 960W, 8A
REG10 1200W, 10A
REG12 1440W, 12A
REG14 1680W, 14A

LA-223-RN
Regulator End Feed/Current Limiting Device
No track included
5"L x 5"W x 1-1/4"H
Finish: - B, P, S

LA-233-RN
Regulator In-Line Feed/Current Limiting Device
No track included
5"L x 5"W x 1-1/4"H
Finish: - B, P, S

These parts are for power feeds and current limiting only and are not Title 24 compliant.

These parts must be ordered with the appropriate circuit breaker from the list above.

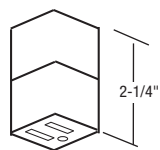
Track Accessory Finish Codes

B - Black

P - White

S - Silver

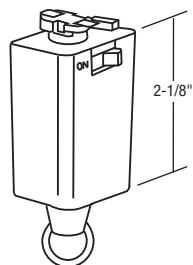
2-Circuit Accessories



LA-16

Grounded Outlet
Integral on/off switch and track polarity indicator are standard.
Finish: - B, P

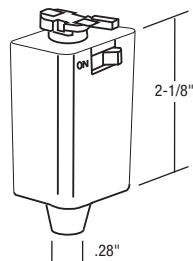
Not UL Listed*
(offered for customer convenience)



LA-17

Pendant Fixture Adapter - Chain
Integral on/off switch and track polarity indicator are standard.
Finish: - B, P

May be used with fixtures that do not exceed 10 lbs.

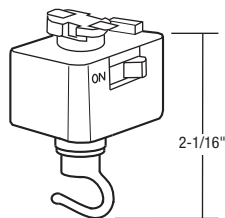


LA-17A

Pendant Fixture Adapter - Cord
Integral on/off switch and track polarity indicator are standard.
Finish: - B, P

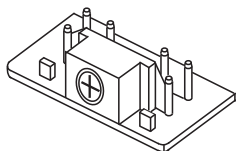
May be used with fixtures that do not exceed 10 lbs.

Not UL Listed unless supplied with RLM series fixtures
(offered for customer convenience)



LA-117

Planter or Utility Hook
Finish: - B, P



LA-211

Replacement 2-Circuit Track End Cap
Supplied with Track
Finish: - B, P, S



8T FRT INSERT

8' Front Insert
Modify length at the jobsite.
Decorative method of closing access to conductors (required in lower installations).
Finish: - B, P, S

Track Accessory Finish Codes

B - Black

P - White

S - Silver

* Track is not allowed to have a convenience receptacle due to a requirement in the NEC. Article 410.101 (a) states that a "Lighting track fitting shall not be equipped with general-purpose receptacles." This requirement in the NEC makes the LA-16 fitting un-Listable by UL.

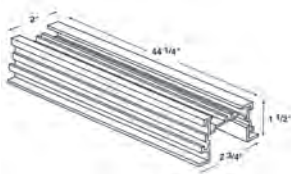
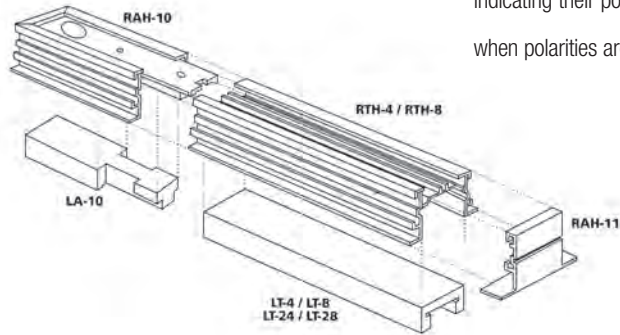
RECESSED TRACK HOUSING SYSTEM FOR SINGLE OR 2-CIRCUIT TRACK

All mounting hardware is provided for installation finishing to dry wall or suspended ceilings. Spacers are supplied with RTH-4 and RTH-8 to adjust for thickness of single or 2-circuit track. All finishing surfaces are white enamel. A major feature and benefit of Con-Tech track and track components are the “can’t miss” polarity indicators which work together and assure proper polarity.

Each section of track has a groove incised length-wise into the exposed underside of the track indicating the positive terminal. All connectors and fixture adapters also have an arrow or “P” on their connecting ends indicating their positive terminal. Track, connectors, and fixture adapters are designed to fit together easily when polarities are correctly aligned.

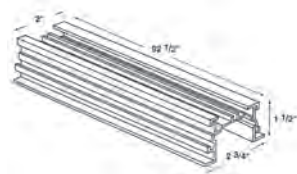
RTH-4

Pictured with LT-4-P track installed. The extruded aluminum housing is mounted into ceiling cavity which allows for flush installation of the track system to any style of ceiling.



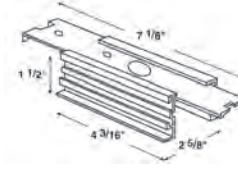
RTH-4

Extruded Aluminum Housing for 4' Track Sections (use with LT-4 or LT-24)



RTH-8

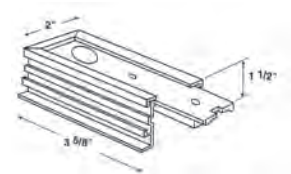
Extruded Aluminum Housing for 8' Track Sections (use with LT-8 or LT-28)



RAH-2

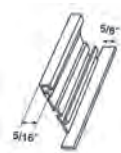
Straight Connector Housing (use with LA-12 or LA-212)

No connector housing required when using the LA-2 or LA-202 mini connector



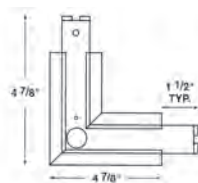
RAH-10

End Feed Housing (use with LA-10 or LA-210)



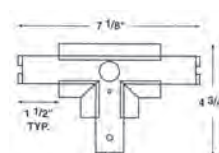
RAH-11

Housing Dead End Piece (order one to complete each track run)



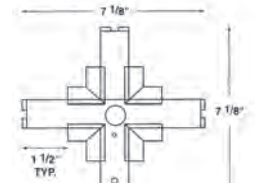
RAH-12

“L” Connector Housing (use with LA-12 or LA-212)



RAH-13

“T” Connector Housing (use with LA-13, LA-14, LA-213 or LA-214)



RAH-15

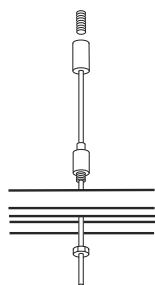
“X” Connector Housing (use with LA-15 or LA-215)

SUSPENSION ACCESSORIES

Aircraft Cable Suspension Kits



Designed for suspension of track lighting systems to create a "floating" appearance. May be used for applications in earthquake zones. Available in models with 24", 48" or 180" length 1/16" diameter galvanized steel cable (cut to finished length as required). Nickel-plated steel, patented grip-tight connector with quick-release button for infinite adjustability. Coupler attaches to 1/4-20 stud which mounts to ceiling or structure via T-bar mounting clip (black) or hanger bolt (both are supplied). For installation to dry wall ceiling, a cable kit is available with a 3/16" toggle bolt — add "D" to catalog number. Track lighting systems utilizing cable suspension require electrical connection through rigid or flexible conduit. Two cables recommended for 2', 4', 6', and three cables for 8' and 12' pre-drilled track.

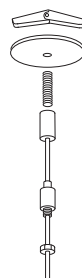


Cable Mounting Kit

LAC-24
Kit with 24" Cable

LAC-48
Kit with 48" Cable

LAC-180
Kit with 180" Cable



Cable Mounting Kit with Toggle Bolt

LACD-24
Kit with 24" Cable

LACD-48
Kit with 48" Cable

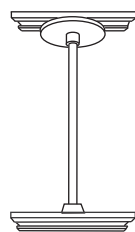
LACD-180
Kit with 180" Cable

Stem Support Kits — Single and 2-Circuit



Pictured with CTL216 fixtures and LA2050N Low Voltage converters

These accessories are used to lower entire track sections for versatile accent or task lighting. For a single circuit track use LA-8, LA-10, LA-12, LA-13, LA-14, LA-15 as feed point. Power feed through stem, then wireway into feed point. Complete the job with a TA-4 or TA-8 wireway cover. For 2-Circuit track use LA-241 as end feed point cover.



T-Bar Mount Feed Stem Support Kit

(Ceiling plate: 4-3/4" Dia.)

LA5312
Kit with 12" Stem

LA5318
Kit with 18" Stem

LA-53
Kit without Stem
Finish: - B, P

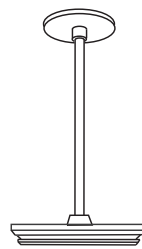


T-Bar Mount Stem Support Kit

LA5112
Kit with 12" Stem

LA5118
Kit with 18" Stem

LA-51
Kit without Stem
Finish: - B, P



Junction Box Mount Feed Stem Support Kit

(Ceiling plate: 4-3/4" Dia.)

LA5012
Kit with 12" Stem

LA5018
Kit with 18" Stem

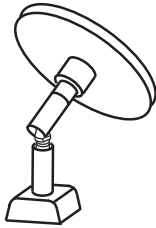
LA5018A
Kit without Stem
Finish: - B, P

Track Accessory Finish Codes

B - Black

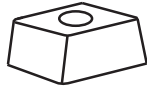
P - White

Stem Support Kits — Single and 2-Circuit ... continued



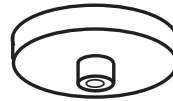
LA-50
Swivel Stem Kit for Sloped Ceiling (less stem)
Finish: - B, P

Order with stems below
- 10 to 15 lb. max.
- 8 foot max.
- Use cable if longer length desired

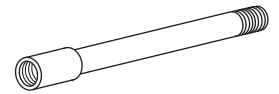


LA-52
5/16" Threaded Rod Mtg. Kit (less rod provided by others)
Finish: - B, P

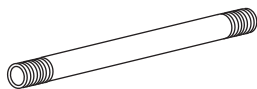
LA-52-3/8
3/8" Threaded Rod Mtg. Kit (less rod provided by others)
Finish: - B, P



LA-54
Canopy (only)
May be used with LA-51, LA5112 and LA5118
Finish: - B, P



6" STEM
12" STEM
18" STEM
24" STEM
30" STEM
36" STEM
48" STEM
Threaded Steel Pipe Stem, Coupling Included
Finish: - B, P, S



6" STEM(A)
12" STEM(A)
18" STEM(A)
24" STEM(A)
30" STEM(A)
36" STEM(A)
48" STEM(A)
Threaded Steel Pipe Stem, Without Coupling
Finish: - B, P, S

Stem Dimensions

Stem O.D.: 12.78mm
Stem I.D.: 9.3mm
Threaded Portion Length: 19.8mm
Metric Thread Size: 1/4-18 NPS
Coupling Length: 39.9MM
Coupling O.D.: 16.88MM
Coupling I.D.: 12.46MM
Coupling Inner Metric Thread Size: 1/4-18 NPS



COUPLING
Coupling Only (for use with STEM series accessories)
Finish: - B, P, S



TA-4
Wireway Cover, Black — Single Circuit Track (for stem feed of single circuit track)
Field cut, 4' length covers the back of the track.



TA-8
Wireway Cover — Single Circuit Track
Field cut, 8' length covers the back of the track.
Finish: - B, P, S



LA-241
Wireway Cover — 2-Circuit Track
1 foot length
Finish: - B, P

STEM: For use with LA5018A, LA-50, LA-51, and LA-53 Kits. Stems use metric threading, 14mm x 1.5" fine thread.

Notes: LA5012, LA5018, LA5018A, LA5312, LA5318, LA-53 and LA-50 are supplied with canopy. **Two stems recommended per 4', 6' and 8' track, three stems per 12' track** (max. 4' C-C).

Track Accessory Finish Codes

B - Black P - White S - Silver

Track Extension Brackets



(2) LA2409-B

Pictured with LT-4-B and (2) CTL5030-B



LA3609-B

Pictured with angled support arm

These track extension brackets are designed for mounting Con-Tech track away from the wall. Available in two lengths: 24" and 36". Ideal for trade show booths, display areas, and artwork illumination. The LA3609 bracket is supplied with an angled additional support arm or will accept an optional LAC-48 Aircraft Cable Suspension Kit. Brackets are shipped with 3/16" toggle bolts, washers and screws. Use two brackets for 2', 4' and 6' track sections, three brackets for 8' sections, and four for 12' sections. Track and track connectors must be ordered separately. For permanent installation wiring, use Con-Tech LA-10 End Feed (top access). For temporary electrical connections, use LA-5 (2-wire cord end feed with switch) or LA-6.



LA2409

Wall Track Extension Bracket
24"

24"L x 1-3/4"W x 8-1/2"H, .05" Thickness

Finish: - B, P, S



LA3609

Wall Track Extension Bracket
36"

36"L x 1-3/4"W x 8-1/2"H, .05" Thickness

Finish: - B, P, S

ALTERNATE SYSTEM INSTALLATIONS

Standard Con-Tech track fixtures are UL Listed as-is for use with many track systems as well as Juno®¹ track lighting. UL Listed adapters and inserts are available that make Con-Tech fixtures compatible with other manufacturer's track systems, including Halo®², Lightolier®³, and Capri®⁴. For more information, please consult our factory.



LA1025L0L

Track Insert, Factory Installed
(Allows Con-Tech fixtures to be retrofitted to Lightolier track)

Finish: - B, P, S



LA1025HH

Track Insert, Factory Installed
(Allows Con-Tech fixtures to be retrofitted to Halo track)

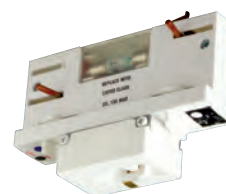
Finish: - B, P, S



LA1025C

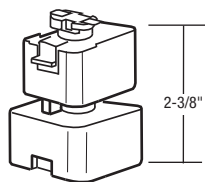
Track Insert, Factory Installed
(Allows Con-Tech fixtures to be retrofitted to Capri track)

Finish: - B, P, S



CIP60-USF

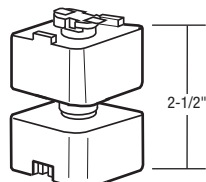
Fused Fixture Adapter
For use with Universal Starline Track Busway. Consult factory for compatibility details.
Finish: - B, P



LA1025L

Track Adapter
(Allows Con-Tech fixtures to be retrofitted to Lightolier track)

Finish: - B, P



LA1025H

Track Adapter
(Allows Con-Tech fixtures to be retrofitted to Halo track)

Finish: - B, P

For Nordic trac adapters, consult factory.

Notes:

- ¹ Juno is a registered trademark of Juno Lighting®
- ² Halo is a registered trademark of Cooper Lighting®
- ³ Lightolier is a registered trademark of Philips Lighting®
- ⁴ Capri is a registered trademark of Philips Lighting®

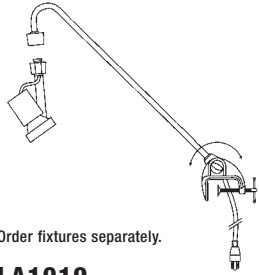
Finish Codes

B - Black

P - White

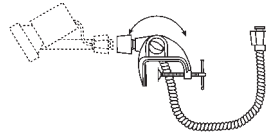
S - Silver

ALTERNATE SYSTEM INSTALLATIONS



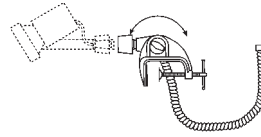
Order fixtures separately.

LA1019
Adjustable Track Lighting Bracket (19" Long) with Clamp (2-1/2" max. thickness of flat surfaces for clamp attachment) with 12' grounded cord/plug
Finish: - B, P



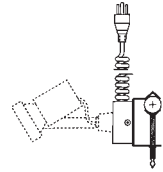
Order fixtures separately.

LA-118
Adjustable Track Lighting Bracket with Clamp (2-1/2" max. thickness of flat surfaces for clamp attachment) with 5' coiled cord and track connector
Finish: - B, P



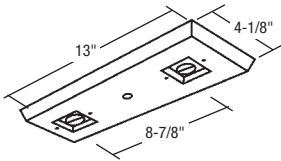
Order fixtures separately.

LA-118LV
Adjustable Track Lighting Bracket with Clamp, Low Voltage (2-1/2" max. thickness of flat surfaces for clamp attachment) with 5' coiled cord and track connector (Requires LA2075N or LA2050N Solid State Converter.)
Finish: - B, P

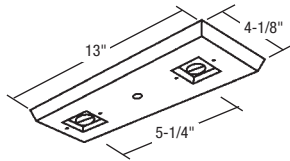


Order fixtures separately.

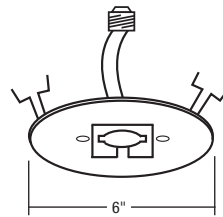
LA-118RP
Adjustable Clamp/Mono-Point Bracket (2-1/2" max. thickness of flat or curved surfaces for clamp attachment) with 8' coiled cord and 3-wire grounded plug
Finish: - B, P



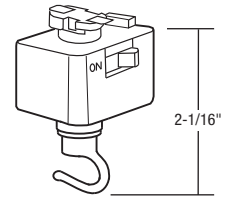
LA-21
Duo-Point Adapter (accepts two track fixtures to mount to a single outlet box)
Finish: - B, P



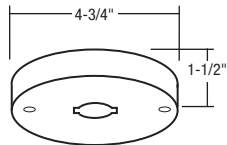
LA1521
Outlet Box Mounting Adapter (for CTL1540)
Finish: - B, P, S



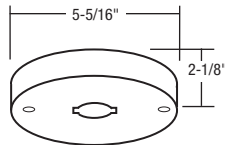
CTR618
6" Round Line Voltage Adapter Plate (converts 6" recessed housing to Mono-point for line voltage track heads)
Finish: - B, P, S



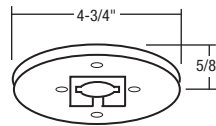
LA-117
Planter or Utility Hook
Finish: - B, P



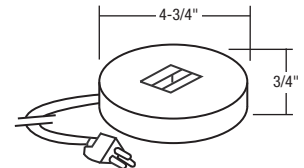
LA-18160
Low Voltage Mono-Point Adapter without Transformer for use with Remote Transformers only
Finish: - B, P



LA1820MHE (20W CMH 120V)
LA1839MHE (39W CMH 120V)
LA1850MHE (50W CMH 120V)
LA1870MHE (70W CMH 120V)



LA-18
LA-18/277V
Mono-Point Adapter (mounts one line voltage track head to outlet box)
Finish: - B, P, S



LA-22
Weighted Base Adapter with 66" Grounded Cord
Finish: - B, P

LA1816 (120V)
Low Voltage Mono-Point with Built-In Transformer
Finish: - B, P

LA1816 277V
Mono-Point Solid State Electronic Transformer (277-12V), 75 Watts. Mounts to a 4" round junction box.
Finish: - B, P
Transformer Range: 20-75W

Note: Uses (2) 8-32 screws, UNC, 50mm OAL. Thread portion: 47.5mm

LA1820MHE 277 (20W CMH 277V)
LA1839MHE 277 (39W CMH 277V)
LA1850MHE 277 (50W CMH 277V)
LA1870MHE 277 (70W CMH 277V)

Surface Mount AroTech Ballast Canopy Allows installation of CMH fixtures in any mono-point application. 120V and 277V. cULus Listed for damp location.
Finish: - B, P, S

*See page 50 for part number configurations

Track Accessory Finish Codes

B - Black

P - White

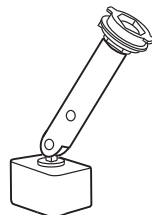
S - Silver

Low Voltage (12V) Fixture Extensions



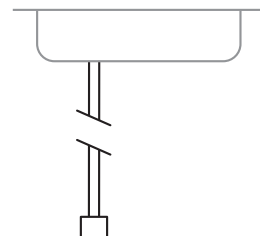
LA1018LV-P

Pictured with CTL816/LA2050N



LA1004LV

Slope Ceiling Adapter
Use with low voltage fixtures or extensions when track is mounted to a sloped ceiling. (For use with LA2050N or LA2075N Solid State Transformer or LA1816 Mono-point)
Length: 4"
Finish: - B, P



LA1024LV

24" Extension
Length: 27-1/2"
Finish: - B, P, S

LA1048LV

48" Extension
Length: 51-1/2"
Finish: - B, P, S

LA1012LV

12" Extension
Length: 15-1/2"
Finish: - B, P, S

LA1018LV

18" Extension
Length: 21-1/2"
Finish: - B, P, S

LA1036LV

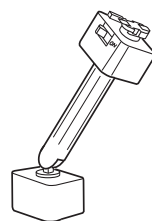
36" Extension
Length: 39-1/2"
Finish: - B, P, S

Line Voltage (120V) Fixture Extensions



LA1018-P

Pictured with CTL838



LA1004

Slope Ceiling Adapter
Use with Line voltage fixtures or extensions when track is mounted to a sloped ceiling or with LA-18 Mono-point.
Length: 4"
Finish: - B, P



LA1024

24" Extension
Length: 26-1/4"
Finish: - B, P, S

LA1048

48" Extension
Length: 50-1/4"
Finish: - B, P, S

LA1012

12" Extension
Length: 14-1/4"
Finish: - B, P, S

LA1018

18" Extension
Length: 20-1/4"
Finish: - B, P, S

LA1036

36" Extension
Length: 38-1/4"
Finish: - B, P, S

AroTech CMH Fixture Extensions (see page 54 for part number configurations)



Use stem to extend AroTech CMH fixture below the AroTech ballast compartment.

- Steel stems, .47" diameter, powder coated with architectural paint finish.
- Push-in wire connectors are provided for the connections.
- cULus Listed. Suitable for dry locations.

LA1012MH

12" Extension
Length: 15-1/2"
Finish: - B, P, S

LA1024MH

24" Extension
Length: 27-1/2"
Finish: - B, P, S

LA1048MH

48" Extension
Length: 51-1/2"
Finish: - B, P, S

LA1018MH

18" Extension
Length: 21-1/2"
Finish: - B, P, S

LA1036MH

36" Extension
Length: 39-1/2"
Finish: - B, P, S

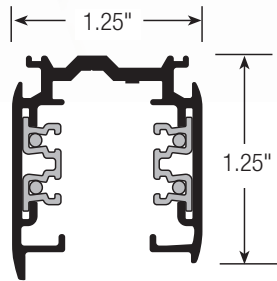
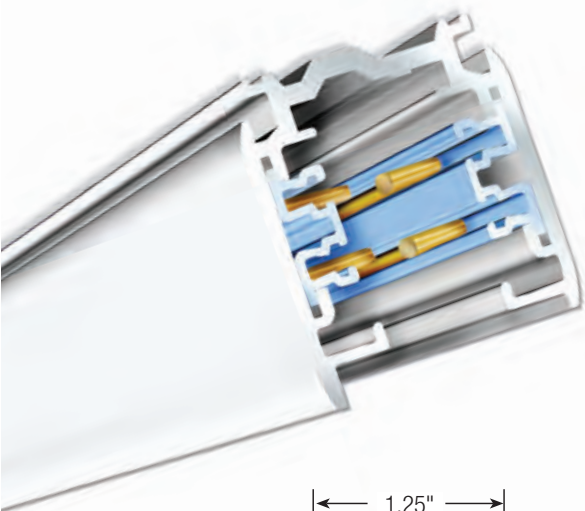
Fixture Extension Finish Codes

B - Black

P - White

S - Silver

2-CIRCUIT/2-NEUTRAL TRACK — NTEK 120V & NHTEK 277V SERIES

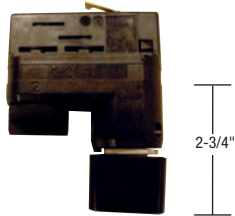


This track is ideal for dimming intensive applications. The independent neutrals guarantee that the two circuits are completely isolated eliminating cross-circuit interference, essential for trouble free dimming. The lack of harmonics ensures superior fixture performance and longer equipment life. Independent neutrals also offer twice the power handling capacity of ordinary common neutral track.

Features:

- Independent Neutrals - enable greater power capacity (2 x 20A); Dimming capability-dim on two independent circuits without harmonics or interference on the neutral conductor.
- Oversized Conductors - for higher operating safety and reduced overload potential.
- Secure Bus Bar Insulation - firmly crimped insulation secures both conductors and insulation for the life of product
- Separate Mechanical Suspension Points - provides superior weight bearing capacity; ensures electrical contact integrity and reduces likelihood of arcing.
- Polarity Ridge - takes the guesswork out of connector and track alignment during installation.
- Architectural grade extruded aluminum.
- Low profile, easy and flexible.

120V SERIES TRACK



NTEK44

4', 120V
Finish: - B, P, S

NTEK48

8', 120V
Finish: - B, P, S

NTEK412

12', 120V
Finish: - B, P, S

NTEK70

120V Fixture Adapter
(Switchable between circuits and on/off)
3-1/4"L x 1-5/8"W x 4-1/16"H
Max. 20lbs./1200W
Total drop from adapter: 3-1/16"
Finish: - B, P

For 120V fixtures (see pages 22-94).

277V SERIES TRACK



277V Fixture Adapter must be factory installed.

NHTEK44

4', 277V
Finish: - B, P, S

NHTEK48

8', 277V
Finish: - B, P, S

NHTEK412

12', 277V
Finish: - B, P, S

For 277V fixtures (see pages 119-121 or contact factory).

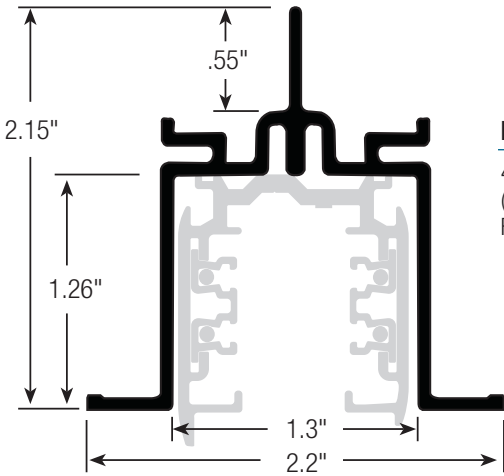
Track Finish Codes

B - Black

P - White

S - Silver

RECESSED TRACK JACKET SECTIONS FOR 2-CIRCUIT/2-NEUTRAL TRACK



NFTP44

4'
(actual length: 4' 3.5")
Finish: - B, P, S

NFTP48

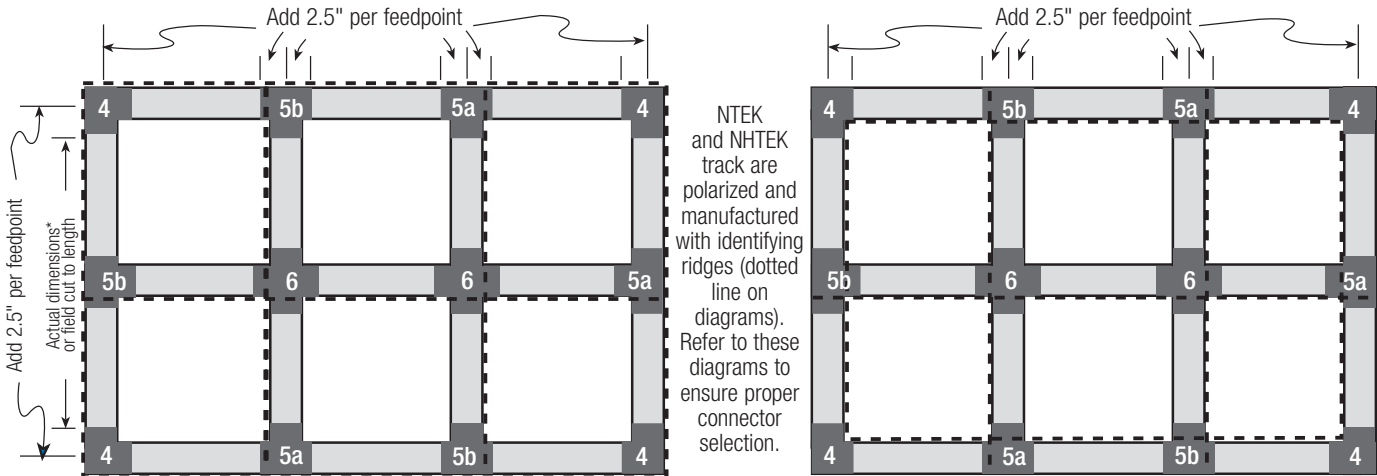
8'
(actual length: 8' 3.5")
Finish: - B, P, S

NFTP412

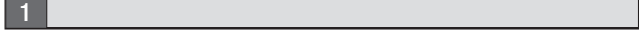
12'
(actual length: 12' 3.5")
Finish: - B, P, S

2-CIRCUIT/2-NEUTRAL INSTALLATION ACCESSORIES

Track Dimensions and Configurations



add 3.25" | ← Actual 48,96,144 inches* or field cut to length → |



add 3.25" | ← No dimension added with linear coupler (2) → |



add 3.25" | ← Actual 48,96,144 inches* or field cut to length → | add 5" | ← Actual 48,96,144 inches* or field cut to length → |



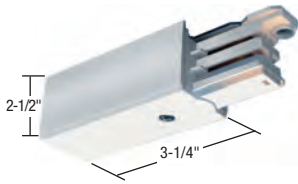
← Feedpoint-to-feedpoint+: add 5" to actual length → |

KEY:
1) NTEK11 Live End Feed, **NTEK12** Live End Feed Reverse Polarity; **2) NTEK21** Linear Coupler; **3) NTEK14** Live Middle Feed; **4) NTEK34** Feedable L-Connector Adj. Polarity; **5a) NTEK39** Feedable T-Connector Adj. Right Polarity; **5b) NTEK40** Feedable T-Connector Adj. Left Polarity; **6) NTEK38** Feedable X-Connector

Track Finish Codes

B - Black P - White S - Silver

2-Circuit/2-Neutral Accessories

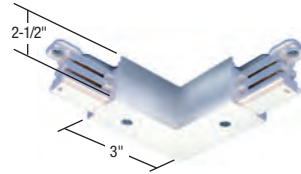


NTEK11 120V
NHTEK11 277V
 Live End Feed
 Finish: - B, P, S

NTEK12 120V
NHTEK12 277V
 Live End Feed (Reverse Polarity)
 Finish: - B, P, S



NTEK21 120V
NHTEK21 277V
 Linear Coupler
 Finish: - B, P, S

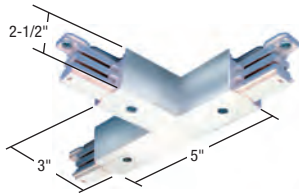


NTEK34 120V
NHTEK34 277V
 Feedable L-Connector
 Adj. Polarity
 Finish: - B, P, S



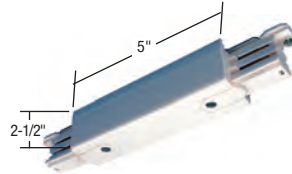
NTEK11CB 120V
NHTEK11CB 277V
 Live End Feed/Current
 Limiting Device
 Finish: - B, P, S

NTEK12CB 120V
NHTEK12CB 277V
 Live End Feed/Current
 Limiting Device
 (Reverse Polarity)
 Finish: - B, P, S

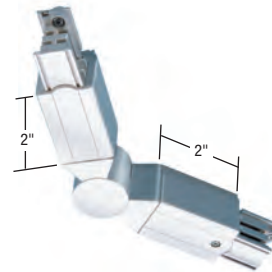


NTEK39 120V
NHTEK39 277V
 Feedable T-Connector
 (Adj. Right Polarity)
 Finish: - B, P, S

NTEK40 120V
NHTEK40 277V
 Feedable T-Connector
 (Adj. Left Polarity)
 Finish: - B, P, S



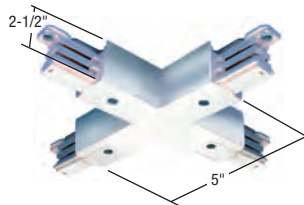
NTEK14 120V
NHTEK14 277V
 Live Middle Feed
 Finish: - B, P, S



NTEK24 120V
NHTEK24 277V
 Adjustable Connector
 52° Minimum
 307° Maximum
 Finish: - B, P, S

**Illuminated
 Circuit Breakers**
 (2 required)
 Finish: - B, P

- REG1** 120W, 1A
- REG2** 210W, 1.75A
- REG21** 240W, 2A
- REG3** 300W, 2.5A
- REG4** 360W, 3A
- REG5** 480W, 4A
- REG6** 600W, 5A
- REG7** 720W, 6A
- REG8** 840W, 7A
- REG9** 900W, 7.5A
- REG91** 960W, 8A
- REG10** 1200W, 10A
- REG12** 1440W, 12A
- REG14** 1680W, 14A



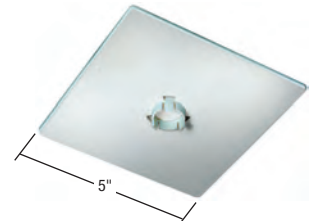
NTEK38 120V
NHTEK38 277V
 Feedable X-Connector
 Finish: - B, P, S



NTEK41 120V
NHTEK41 277V
 Dead Ends
 (Must be ordered separately)
 Finish: - B, P, S



NXTSV12
 Track Length and Field
 Cutting Tool
 All-in-one hand tool, bends
 conductors to manufacturer
 specifications and includes
 gauge to verify correct length.
 Finish: -U



NGES15
 Outlet Box Cover
 Finish: - B, P

Track Accessory Finish Codes

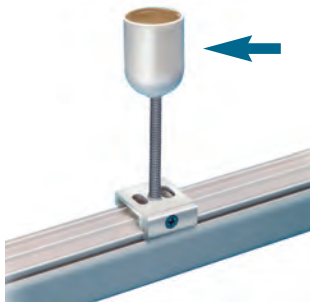
B - Black

P - White

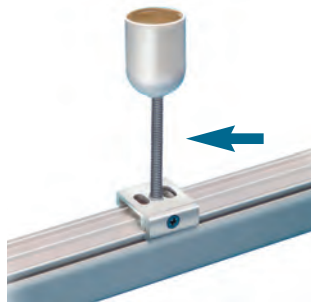
S - Silver

U - UNLook

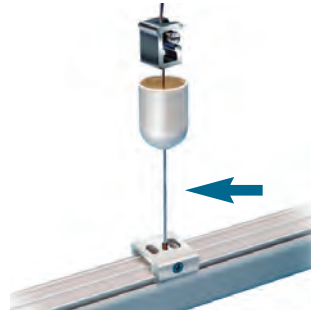
2-Circuit/2-Neutral Accessories



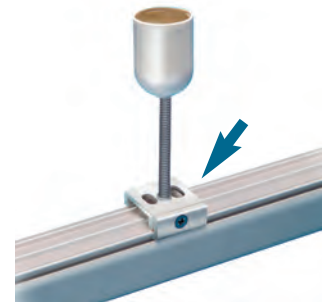
NSKB30
Ceiling Cup
For Threaded Rod Mount
(threaded rod, NSK31-U, not
included) or Cable Mount (cable,
NSKB34-U, not included).
Finish: - B, P



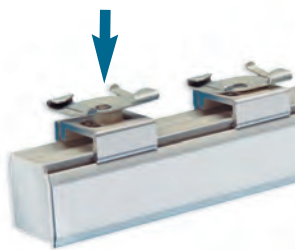
NSKB31
Threaded Rod
1/4" Dia., 6' Length
Finish: -U



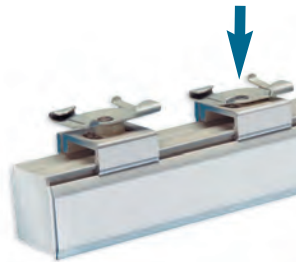
NSKB34
5' Long Cable
NSKB34/3M
9' Long Cable
Custom lengths as special
order.
Finish: -U



NSKB10
1 Piece Mounting Clip
For Threaded Rod Mount
(threaded rod, NSK31-U, not
included) or Cable Mounts (cable
NSKB34-U or cable LBC22AC,
not included).
Finish: - B, P, S



NSKBX12
Deep Tile Track
Mounting Clips
For T-Bar ceilings.
Finish: - B, P



NSKBT12
Track Mounting Clips
For T-Bar ceilings.
Finish: - B, P



NSP4P
Universal Stem
Suspension Point
Also works with cable and
1/4"-20 threaded rod suspension.
Includes bracket and cover. Stem
not included.
Finish: - B, P



NSP4E – End Feed
NSP4L – "L" Feed
NSP4T – "T" Feed
NSP4I – Center Feed
NSP4X – "X" Feed
Feed Stem
Suspension Points
Also works with cable and
1/4"-20 threaded rod suspension.
Includes bracket and cover. Stem
not included.
Finish: - B, P



NSPUS12 12" Stem
NSPUS18 18" Stem
NSPUS24 24" Stem
NSPUS48 48" Stem
Stem Kits
Includes stem and canopy.
Finish: - B, P



NFTP41
Recessed End Cap
For safe, flush mounting
applications. Natural
galvanized steel.
Finish: -U

Track Accessory Finish Codes

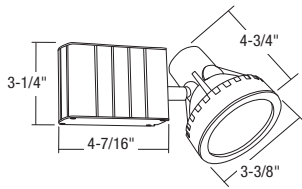
B - Black

P - White

S - Silver

U - UNLook

2 - circuit / 2 - neutral 277V metal halide fixtures



Closed Back Gimbal with Spot Reflector, 277V

Single arm, side mounted gimbal features a spot reflector. The side mounted, rectangular cast aluminum ballast housing is designed with vertical ribs for better heat dissipation. Vertical rotation is 135 to 180° and horizontal rotation is 360° plus. Integral on/off switch and track polarity indicator are standard. Will accept LF20 lenses within the front assembly or FA-30 holder and LF30 lenses externally.

NCTL8235S62027

Max. Lamp: 20W T4.5 CMH, G12 Base

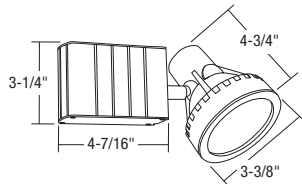
NCTL8235S63927

Max. Lamp: 39W T4.5 or T6 CMH, G12 Base

NCTL8235S67027

Max. Lamp: 70W T6 CMH, G12 Base

Finish: - B, P, S



Closed Back Gimbal with Medium Reflector, 277V

Single arm, side mounted gimbal features a medium reflector. The side mounted, rectangular cast aluminum ballast housing is designed with vertical ribs for better heat dissipation. Vertical rotation is 135 to 180° and horizontal rotation is 360°+. Integral on/off switch and track polarity indicator are standard. Will accept one LF20 lens within the front assembly or FA-30 holder and one LF30 lens externally.

NCTL8233S62027

Max. Lamp: 20W T4.5 CMH, G12 Base

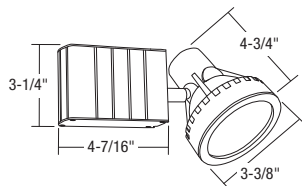
NCTL8233S63927

Max. Lamp: 39W T4.5 or T6 CMH, G12 Base

NCTL8233S67027

Max. Lamp: 70W T6 CMH, G12 Base

Finish: - B, P, S



Closed Back Gimbal with Flood Reflector, 277V

Single arm, side mounted gimbal features a flood reflector. The side mounted, rectangular cast aluminum ballast housing is designed with vertical ribs for better heat dissipation. Vertical rotation is 135 to 180° and horizontal rotation is 360° plus. Integral on/off switch and track polarity indicator are standard. Will accept LF20 lenses within the front assembly or FA-30 holder and LF30 lenses externally.

NCTL8230S62027

Max. Lamp: 20W T4.5 CMH, G12 Base

NCTL8230S63927

Max. Lamp: 39W T4.5 or T6 CMH, G12 Base

NCTL8230S67027

Max. Lamp: 70W T6 CMH, G12 Base

Finish: - B, P, S



Fixture Finish Codes

B - Black

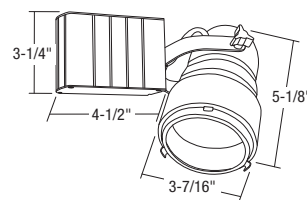
P - White

S - Silver



PAR20 CMH Drama with Side Mount Ballast, 277V

Stepped back design creates a minimal size impression and conceals the lamp. Offers a double yoke with a single locking knob and architectural textured paint finish. The side mounted, rectangular cast aluminum ballast housing is designed with vertical ribs for better heat dissipation. For maximum versatility, the yoke vertical rotation is 0 to 180°, fixture rotation from 45° to 250°, and horizontal rotation is 360° plus. Integral on/off switch and track polarity indicator are standard.



NCTL5020S2027

Max. Lamp: 20W PAR20 CMH Lamp, E26 Medium Base

NCTL5020S3927

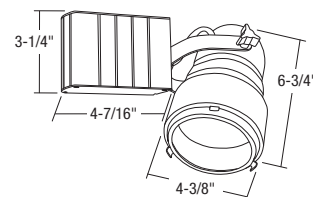
Max. Lamp: 39W PAR20 CMH Lamp, E26 Medium Base

Finish: - B, P, S



PAR30 CMH Drama with Side Mount Ballast, 277V

Stepped back design creates a minimal size impression and conceals the lamp. Offers a double yoke with a single locking knob and architectural textured paint finish. The side mounted, rectangular cast aluminum ballast housing is designed with vertical ribs for better heat dissipation. For maximum versatility, the yoke vertical rotation is 5 to 185°, fixture rotation from 45° to 250°, and horizontal rotation is 360° plus. Integral on/off switch and track polarity indicator are standard. Will accept LF20 lenses within the aperture sleeve or FA-30 holder and LF30 lenses.



NCTL5030S2027

Max. Lamp: 20W PAR30LN CMH Lamp, E26 Medium Base

NCTL5030S3927

Max. Lamp: 39W PAR30LN CMH Lamp, E26 Medium Base

NCTL5030S7027

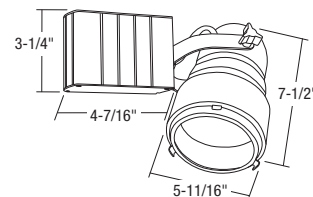
Max. Lamp: 70W PAR30LN CMH Lamp, E26 Medium Base

Finish: - B, P, S

NCTL5038S7027

PAR38 CMH Drama with Side Mount Ballast, 277V

Stepped back design creates a minimal size impression and conceals the lamp. Offers a double yoke with a single locking knob and architectural textured paint finish. The side mounted, rectangular cast aluminum ballast housing is designed with vertical ribs for better heat dissipation. For maximum versatility, the yoke vertical rotation is 5 to 185°, fixture rotation from 45° to 250°, and horizontal rotation is 360° plus. Integral on/off switch and track polarity indicator are standard. Will accept LF38 lenses within the aperture sleeve or FA-40 holder and LF40 lenses.



Max. Lamp: 70W PAR38 CMH Lamp, E26 Medium Base

Finish: - B, P, S

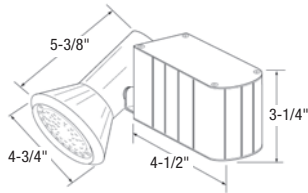


Fixture Finish Codes

B - Black

P - White

S - Silver



PAR30LN CMH Reflector Cone, 277V

Features single arm, low profile side-mount universal lampholder with PAR30LN reflector cone. Provides 360°+ horizontal rotation and 75° vertical rotation with a compact ballast housing. Integral on/off switch and track polarity indicator are standard. Will accept FA-37A holder and LF30 lenses.

NCTL1610S2027

Max. Lamp: 20W PAR30LN, 10°, 15°, 25° CMH Lamp, E26 Medium Base

NCTL1610S3927

Max. Lamp: 39W PAR30LN, 10°, 30° CMH Lamp, E26 Medium Base

NCTL1610S7027

Max. Lamp: 70W PAR30LN, 10°, 40° CMH Lamp, E26 Medium Base

Finish: - B, P, S



Fixture Finish Codes

B - Black

P - White

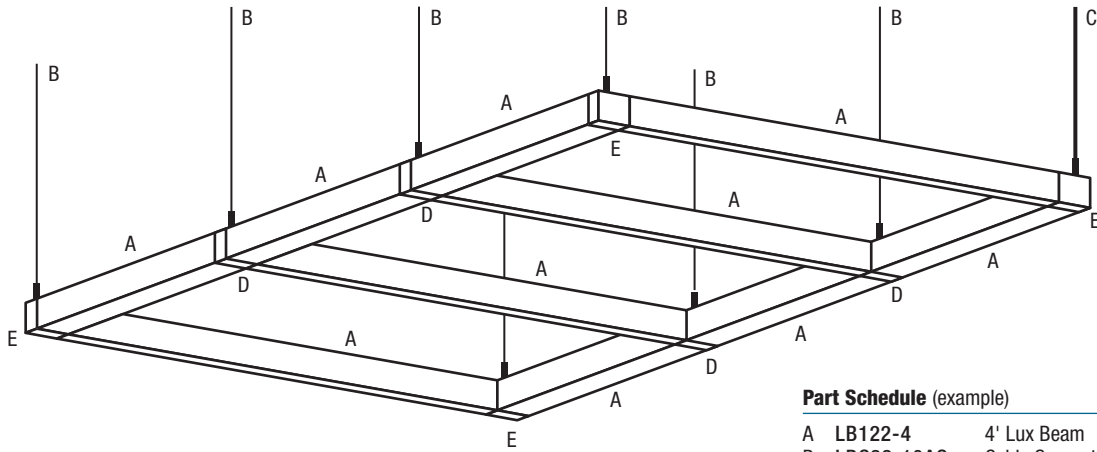
S - Silver

LUX BEAM TRACK and CEILING BEAM GRID SYSTEM

Photo by Con-Tech Lighting.

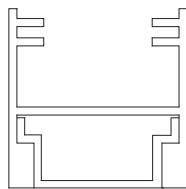


Lux Beam can be used to create a myriad of shapes and can add people scale to any space. This system is ideal for produce, floral, or retail areas . . . anywhere you want to create a different scale in a space. It is easily installed. Lux Beam features Con-Tech track which is compatible with an extensive selection of track fixtures for any application. The aluminum extrusion may be suspended with threaded rod or cable. Each Lux Beam section is supplied with the aluminum extrusion, track section (single or 2-circuit), mini live end (standard polarity), and mini live end (reverse polarity).



Part Schedule (example)

A	LB122-4	4' Lux Beam
B	LBC22-10AC	Cable Support
C	LBC22AC310PF	Power Feed/Support
D	LBC22-3	"T" Connector
E	LBC22-2	90° Connector

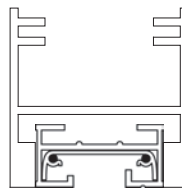


2" x 2" Beam Section (No Track)

2" x 2" Blank Beam Section

LB22-2BL	2' Nominal
LB22-4BL	4' Nominal
LB22-6BL	6' Nominal
LB22-8BL	8' Nominal
LB22-12BL	12' Nominal

Finish: - B, P, S
(Other colors available upon request.)



2" x 2" Beam Section with Track

Single Circuit

2" x 2" Beam with Track

LB122-2	2' Nominal
LB122-4	4' Nominal
LB122-6	6' Nominal
LB122-8	8' Nominal
LB122-12	12' Nominal

Finish: - B, P, S
(Other colors available upon request.)

2-Circuit

2" x 2" Beam with Track

LB222-2	2' Nominal
LB222-4	4' Nominal
LB222-6	6' Nominal
LB222-8	8' Nominal
LB222-12	12' Nominal

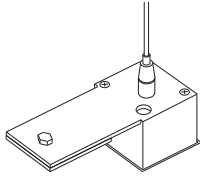
Fixture Finish Codes

B - Black

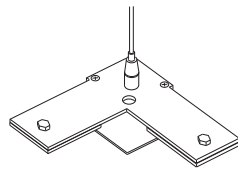
P - White

S - Silver

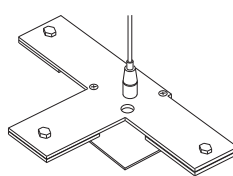
Connectors and Accessories for Lux Beam System



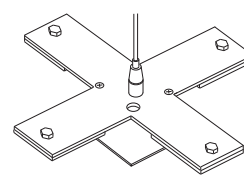
End Connector
LBC22-1 2" x 2"
 Finish: - B, P, S



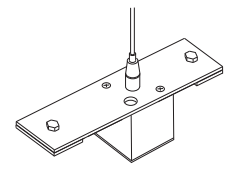
90 Degree Connector
LBC22-2 2" x 2"
 Finish: - B, P, S



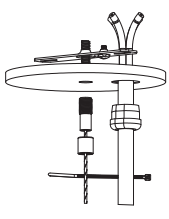
T Connector
LBC22-3 2" x 2"
 Finish: - B, P, S



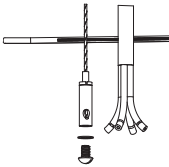
X Connector
LBC22-4 2" x 2"
 Finish: - B, P, S



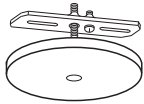
Straight Connector
LBC22-8 2" x 2"
 Finish: - B, P, S



Power Feed Assembly
LBC22-310PF 12/3 SJT, 10'
LBC22-410PF 12/4 SJT, 10'
LBC22-320PF 12/3 SJT, 20'
LBC22-420PF 12/4 SJT, 20'
 Finish: - B, P, S



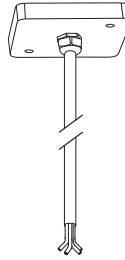
Power Feed/Support Assembly
LBC22AC310PF 12/3 SJT, 10'
LBC22AC410PF 12/4 SJT, 10'
LBC22AC320PF 12/3 SJT, 20'
LBC22AC420PF 12/4 SJT, 20'
 Finish: - B, P, S



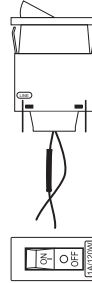
Support Assembly
LBC22-10AC 10' Cable Support
LBC22-20AC 20' Cable Support
 Finish: - B, P, S



← .08", 2mm AC, 5/64"



Power Limiter (Select appropriate circuit breaker below):
LBC22-310REG 12/3 SJT, 10' Cord, Current Limiting Device
LBC22-410REG 12/4 SJT, 10' Cord, Current Limiting Device
LBC22-320REG 12/3 SJT, 20' Cord, Current Limiting Device
LBC22-420REG 12/4 SJT, 20' Cord, Current Limiting Device
 Finish: - B, P, S



Power Limiter Circuit Breakers
 Finish: - B, P, S

REG05 60W, 0.5A	REG7 720W, 6A
REG1 120W, 1A	REG8 840W, 7A
REG2 210W, 1.75A	REG9 900W, 7.5A
REG21 240W, 2A	REG91 960W, 8A
REG3 300W, 2.5A	REG10 1200W, 10A
REG4 360W, 3A	REG12 1440W, 12A
REG5 480W, 4A	REG14 1680W, 14A
REG6 600W, 5A	

Top Cover

LBC22-24 2' Blank Top Cover
LBC22-48 4' Blank Top Cover
LBC22-72 6' Blank Top Cover
LBC22-96 8' Blank Top Cover
 Finish: - B, P, S

Monopoint Connectors

LBMP
 Finish: - B, P, S

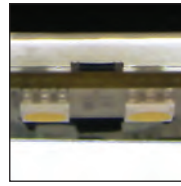
Track Accessory Finish Codes

B - Black

P - White

S - Silver





l o w v o l t a g e m i n i - t r a c k

- fixtures
- lampholders
- fixture accessories
- pendant fixtures
- track
- mini-track accessories
- support brackets
- transformers
- dimming controls

The Symphony Mini-Track line offers a powerful light source that defies miniature size. Ideal for accenting, highlighting and enhancing. You'll be amazed that something so small can perform so big. With a 25 AMP capacity rated for use at 12 volt (300 watt capacity) or 24 volt (600 watt capacity), the Symphony line allows for maximum flexibility in a variety of lighting applications. Symphony's versatility and durability

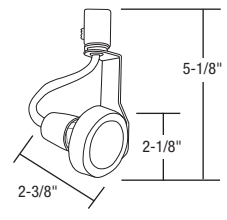


make it useful for highlighting display cases, under cabinet and cove lighting,

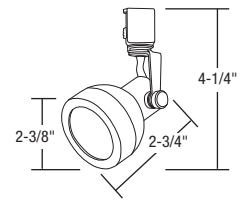
as well as for perimeter wall washing. What's more, the Symphony line offers a wide variety of fixtures, along with various accessories, transformers and installation accessories to customize your lighting plans. Lamp choices include LED, MR8, MR11, MR16, and T4, Xenon Festoon, Xenon Rigid Loop, or Wedge Base Xenon. Constructed from extruded aluminum for extra durability, our track is built to last. Symphony fixtures are made of die-cast aluminum, except for the Gimbal Ring series, which is high quality formed steel. For power, this line can either use remote transformers or surface end-mount transformers. All of these transformers have auto-reset electronic short circuit, thermal cutoff, and overload protection that resets itself automatically when the wattage correction is made.



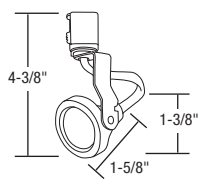
MCT-8116 MR16 Gimbal, Single Offset Side Yoke
 Accepts up to two LF16 lenses.
 Lamp: 50W max., MR16,
 GU5.3 Base
 Lens Size: 2"
 Finish: - B, P, S



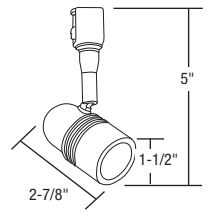
MCT-2116 MR16 Enclosed Bullet, Single Yoke Assembly
 Accepts up to two LF16 lenses.
 Lamp: 50W max., MR16,
 GU5.3 Base
 Lens Size: 2"
 Finish: - B, P, S



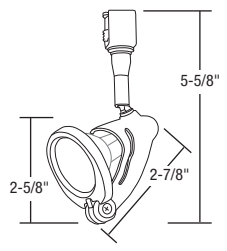
MCT-8111 MR11 Gimbal, Single Offset Side Yoke
 Accepts one LF11 lens.
 Lamp: 35W max., MR11,
 GU4 Base
 Lens Size: 1-11/32"
 Finish: - B, P, S



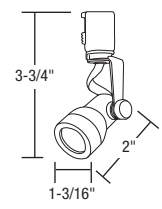
MCT-2111 MR11 Enclosed Bullet, Center Stem
 Accepts one LF11 lens.
 Lamp: 35W max., MR11,
 GU4 Base
 Lens Size: 1-11/32"
 Finish: - B, P, S



MCT-8416 Allegro
 Accepts one LF16 lens.
 Lamp: 50W max., MR16,
 GU5.3 Base
 Lens Size: 2"
 Finish: - B, P, S



MCT-2108 MR8 Enclosed Bullet, Single Yoke Assembly
 Lamp: 35W max., MR8 FG,
 GU4 Base
 Finish: - B, P, S

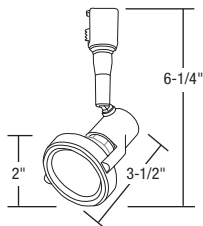


Fixture Finish Codes

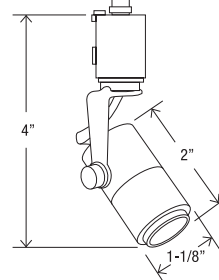
- B - Black
- P - White
- S - Silver



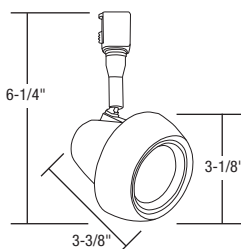
MCT-9816 Cadence
 Accepts one LF16 45MM lens.
 Lamp: 50W max., MR16,
 GU5.3 Base
 Lens Size: 1-7/8"
 Finish: - B, P, S



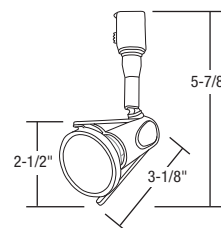
MCT-3LEDC LED Bullet (Cool White 6650K)
MCT-3LEDW LED Bullet (Warm White 3000K)
LED
 Adjustable lens from 17° to 45°.
 Lamp: 5W LED
See page 139 for transformer/driver selection matrix
 Finish: - B, P, S



MCT-5116 Drama
 Accepts up to two LF16 lenses.
 Lamp: 50W max., MR16,
 GU5.3 Base
 Lens Size: 2"
 Finish: - B, P, S



MCT-8316 Crescendo
 Accepts one LF16 lens.
 Lamp: 50W max., MR16,
 GU5.3 Base
 Lens Size: 2"
 Finish: - B, P, S



Fixture Finish Codes

B - Black

P - White

S - Silver

Wedge Base Lampholders

MCT-101 Single Wedge Base Lampholder, Polished Aluminum Reflector



1-13/16"L x 7/8"W x 9/16"H
Lamp: 10W max., Xenon T3-1/4
Finish: - B, P, S
Option: MCT-1F, Frosted Lens Covering, Slide-on

MCT-102 Double Wedge Base Lampholder, Polished Aluminum Reflector



2-9/16"L x 7/8"W x 9/16"H
Lamp: 10W max.(Each), Xenon T3-1/4
Finish: - B, P, S
Option: MCT-1F, Frosted Lens Covering, Slide-on



(2) MCT-1F shown on MCT-102 Double Wedge Base Lampholder

MCT-1F

Frosted Lens Covering for Slide-on MCT-101 and MCT-102
1-3/16"L x 7/8"W x 5/8"H, Vented (Packaged Individually)

MCT-201 Festoon Fixture with Adjustable Reflector

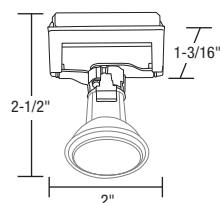
LED



Lamp: 10W max., T3-1/4, Festoon or 0.48W LED Festoon, S8-5/8 Base
(LED lamp sold separately)
Symmetrical Light Distribution
Finish: - B, P, S

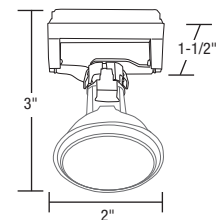
MCT-401 Adjustable MR8/MR11 Fixture

Lamp: 35W max., MR8/MR11 FG, GU4 Base
Finish: - B, P, S



MCT-501 Adjustable MR16 Fixture

Accepts up to two LF16 lenses with FAS-16 or FASO-16 holders.
Lamp: 35W max., MR16 FG, GU5.3 Base
Finish: - B, P, S



Fixture Finish Codes

B - Black

P - White

S - Silver

Low Voltage Symphony Fixture Stem Extensions

Allows for fixtures to be lowered below the Symphony track.

MLA1012LV

12" Extension (16" OAL)
Finish: - B, P, S

MLA1018LV

18" Extension (22" OAL)
Finish: - B, P, S

MLA1024LV

24" Extension (28" OAL)
Finish: - B, P, S



MLA1012LV-B

Low Voltage Track Adapters



LA2050HSYM

Track-mounted Electronic
Transformer (120V-12V)
50W

Adapts Symphony Low Voltage
fixtures to standard track.

**Not to be used with MCT-3LED
or MRL-3LED**

5-1/8"L x 1-3/8"W x 1-5/8"H
Finish: - B, P, S
Transformer Range: 20-50W



LA2050VSYM

Track-mounted Electronic
Transformer (120V-12V)
50W

Adapts Symphony Low Voltage
fixtures to standard track.

**Not to be used with MCT-3LED
or MRL-3LED**

1-3/4"L x 1-1/8"W x 4-1/8"H
Finish: - B, P, S
Transformer Range: 20-50W



CRS-SYMQR

Symphony Low Voltage
Track Adapter

Connect QR-Series fixtures and
pendants (not LED pendants) to
Symphony Low Voltage Track.
See pages 159-161 for
QR-Series products.

3/4"L x 1-1/4"H
Finish: -S

Fixture Finish Codes

B - Black

P - White

S - Silver

Fixture Accessories



Colored Glass Filters

LF11
1-11/32"Dia.
Finish: - A, B, G, LB, R, RO, Y

LF16
2"Dia.
Finish: - A, B, G, LB, R, RO, Y

LF16_47MM
1-7/8"Dia.
Finish: - A, B, G, LB, R, RO, Y



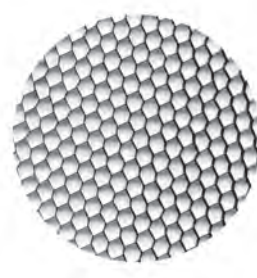
Optical Filters

LF11
1-11/32"Dia.
Finish: - 73, CL, LS, SL, UV

LF16
2"Dia.
Finish: - 73, CL, LS, SL, SOL, UV

LF16_47MM
1-7/8"Dia.
Finish: - 73, CL, LS, SL, UV

Notes:
Optivex™ is a trademark of Bausch & Lomb. UV filters reduce fading and discoloration in applications such as museums, art galleries, etc.
All of the lenses above are tempered glass.



FA-11 50MM
Honeycomb Louver, Black
(For MR11 Lamps)
Dia.: 1-11/32"

FA-16
Honeycomb Louver, Black
(For MR16 Lamps)
Dia.: 2"



LA-816
Cut Off Baffle/Snoot, Black,
1-3/8"Dia. x 1-3/16"L
(For MR16 Lamps
except MCT-8316)

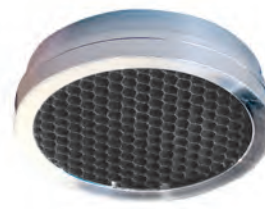


THS-8
Thermal Heat Shield
(For MR8 lamps,
except MCT-2108)

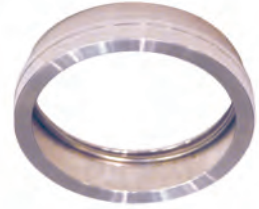
THS-11
Thermal Heat Shield
(For MR11 lamps,
except MCT-2111)

THS-16
Thermal Heat Shield
(For MR16 lamps)

Accessory Holders for MCT-501 and MCT-616-12



FAS-16
Aluminum MR16 Accessory
Holder with Honeycomb Louver
(Accepts 3 Accessories)



FASO-16
Aluminum MR16
Accessory Holder
(Accepts 3 Accessories)

Heat Treated Solid Color Glass Filter Finishes

A - Medium Amber **LB** - Light Blue **Y** - Yellow
B - Medium Blue **R** - Red
G - Medium Green **RO** - Rose/Pink

Optical Filter Finishes

73 - Prismatic Spread Lens **SL** - Soft Light, Sandblasted Lens
CL - Clear Lens **SOL** - Solite Lens
LS - Linear Spread Lens **UV** - Optivex UV Filter



Symphony Fixture/Accessory Compatibility Chart

	Accessory Holder	Amber Lens	Blue Lens	Clear Lens	Green Lens	Light Blue Lens	Red Lens	Rose Lens	Yellow Lens	Prismatic Spread Lens	Linear Spread Lens	Soft Light Lens	Optivex UV Lens	Honeycomb Louver	Baffle/Snoot	Thermal Heat Shield
MCT-2111		LF11-A	LF11-B	LF11-CL	LF11-G	LF11-LB	LF11-R	LF11-RO	LF11-Y	LF11-73	LF11-LS	LF11-SL	LF11-UV	FA-11		
MCT-2116		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816	THS-16
MCT-401																THS-8, THS-11
MCT-501	FAS-16, FASO-16	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816	THS-16
MCT-5116		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816	THS-16
MCT-8111		LF11-A	LF11-B	LF11-CL	LF11-G	LF11-LB	LF11-R	LF11-RO	LF11-Y	LF11-73	LF11-LS	LF11-SL	LF11-UV	FA-11		THS-11
MCT-8116		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816	THS-16
MCT-8316		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM		THS-16
MCT-8416		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816	THS-16
MCT-9816		LF16-A 45MM	LF16-B 45MM	LF16-CL 45MM	LF16-G 45MM	LF16-LB 45MM	LF16-R 45MM	LF16-RO 45MM	LF16-Y 45MM	LF16-73 45MM	LF16-LS 45MM	LF16-SL 45MM	LF16-UV 45MM			THS-16



MRL-3LED2 (C,W)
2' Pendant

MRL-3LED4 (C,W)
4' Pendant

MRL-3LED8 (C,W)
8' Pendant



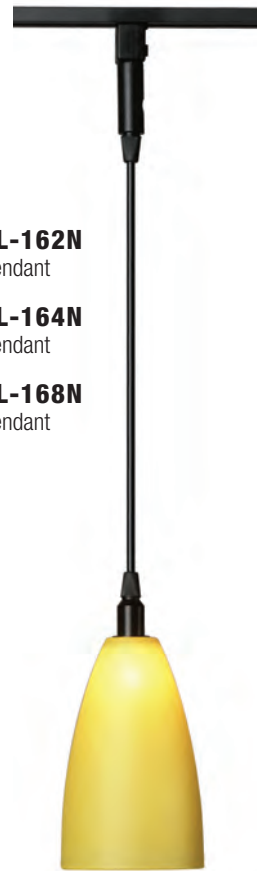
3W Symphony LED Track Lock-Fit Pendants

Semi-rigid cable is attached to a track connector and long wiring compartment which allows for height adjustment. Compartment also includes internal thermal block and cord grip connector. Cool (6000K) and warm (3000K) white colors temperatures available. Shades sold separately on pages 208-211.

See page 139 for transformer/driver selection matrix.

Lamp: 3W Cool (6000K) or Warm (3000K) White LED Color Temperatures

Finish: -B, P, S



MRL-162N
2' Pendant

MRL-164N
4' Pendant

MRL-168N
8' Pendant

Symphony Low Voltage Track Gravity-Fit Pendants

Semi-rigid cable is attached to a track connector and long wiring compartment which allows for height adjustment. Compartment also includes internal thermal block and cord grip connector. Shades sold separately on pages 194-207.

Lamp: 50W max., MR16 FG, GU5.3 Base or T4/T5 Xenon GY6.35 Base, 12V or 24V

Finish: -B, P, S



MRL-1624N
2' Pendant

MRL-1648N
4' Pendant

MRL-1696N
8' Pendant

Symphony Low Voltage Track Lock-Fit Pendants

Semi-rigid cable is attached to a track connector and long wiring compartment which allows for height adjustment. Compartment also includes internal thermal block and cord grip connector. Shades sold separately on pages 208-211.

Lamp: 50W max., MR16 FG, GU5.3 Base or T4/T5 Xenon GY6.35 Base, 12V or 24V

Finish: -B, P, S

Low Voltage Socket Extender



MCT-2-P
2" Socket Extender

MCT-4-P
4" Socket Extender

Allow for the lamp position to be lowered in increments of 2" or 4" for better light distribution within the pendant shade. Use with Symphony Pendants: MRL-162N, MRL-164N, MRL-168N, MRL-1624N, MRL-1648N, MRL-1696N.

Fixture Finish Codes

B - Black

P - White

S - Silver

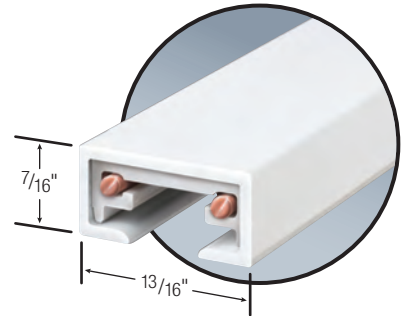


Single Circuit 12 or 24 Volt Mini-Track System

Our Symphony Low Voltage Track has solid 10 gauge copper conductors with Noryl® insulators placed in heavy gauge extruded aluminum channels. These 25-ampere rated track sections are supplied with toggle bolts and wood screws for a simple installation. The 2', 4' and 6' sections are pre-drilled with two mounting holes and the 8' section has three mounting holes. Track sections may be cut in the field, but take care to back out the bus bar before cutting. **Every track section is supplied with a MLA-1 End Feed Connector/Cover and a MLA-11 End Cap.** Symphony track can be fed at the MLA-1 End Feed Connector, MLA-8 Conduit End Feed, or MLA-9 Outlet Box/T-Bar Ceiling Canopy with use of a remote transformer. Connections can be made by using the MLA-2 Straight Connector, MLA-3 Flexible Connector, or MLA-12 Right Angle Connector.

Surface Mount transformers are available in various configurations:

- MLA-415, End or Center Feed, 125VA, Canopy Transformer, Junction Box Mount, 120/12V
- MLA-60, End Feed, 60VA, Plug-in Electronic Transformer with 10' Cord and Plug, 120/12V



Straight Sections

MLT-2

2' Low Voltage Track*
20-5/8"
Finish: - B, P, S

MLT-4

4' Low Voltage Track*
44-5/8"
Finish: - B, P, S

MLT-6

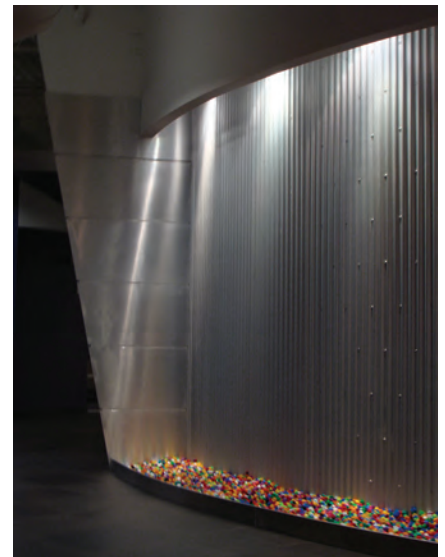
6' Low Voltage Track*
68-5/8"
Finish: - B, P, S

MLT-8

8' Low Voltage Track*
92-5/8"
Finish: - B, P, S



*Supplied with MLA-11 End Cap and MLA-1 End Feed Connector



Track Finish Codes

B - Black

P - White

S - Silver



Deepa Textile showroom photo by Con-Tech Lighting.

Track Accessories



MLA-1
End Feed Connector/Cover
2-1/8"L x 15/16"W x 1/2"H
Finish: - B, P, S



MLA-2
Straight Connector
3-3/16"L x 15/16"W x 1/2"H
Finish: - B, P, S



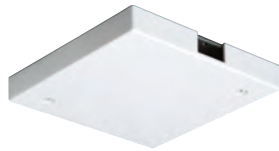
MLA-3
Flexible Connector
(Horizontal or Vertical Use)
Can be used for two feed points if required. May be used as non-conductive connector, also.
6-1/4"L x 15/16"W x 1/2"H
Finish: - B, P, S



MLA-7
Vertical to Horizontal Connector
Allows horizontal track run to be electrically connected to a vertical run.
3-5/8"L x 1"W
Finish: - B, P, S



MLA-8
Conduit End Feed, Bottom Knockout, and End Cutout
3-1/8"L x 1-3/8"W x 1-5/16"H
Finish: - B, P, S



MLA-9
Outlet Box/T-Bar Ceiling Canopy
Single or Dual Feed (180°)
Screw Holes 4-5/8" O.C.;
4-11/16"L x 4-11/16"W x 5/8"H
Finish: - B, P, S



MLA-11
End Cap Only
3/8"L x 13/16"W x 7/16"H
Finish: - B, P, S



MLA-12
Right Angle Joiner/"L" Connector
2-5/8"L x 15/16"W x 1/2"H
(2-5/8" x 2-5/8")
Finish: - B, P, S

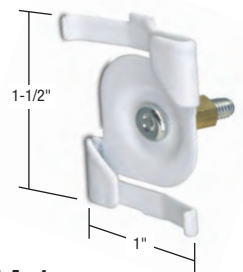
T-Bar Grid Mounting Accessories



MLA-18
Mono-point, Octagon Junction Box Mount (Remote Transformer Use)
Screw Holes 3-1/2" O.C.;
1/4"H x 4-7/8" Dia.
Finish: - B, P, S



MLA-19
Mono-point, Mini-Version (Remote Transformer Use)
For use in ceilings, cabinets, or vertical surfaces; no visible mounting screws; standard with 48" of 18 gauge AWM wires with push-in wire connectors; mono-point is held to material by two heavy gauge mounting springs.
1/8"H x 2-1/2"Dia.
Hole Size: 2"
Total Depth: 1-15/16"
Finish: - B, P, S



LA-1
15/16" Grid Stud Type T-Bar Mounting Clip
(2 per 2', 4', and 6' track, 3 per 8') 8-32 Stud.

LA-1C
9/16" Grid T-Bar Clip

LA-1CB
9/16" Grid Deep Tile T-Bar Clip

LA-1CB Spacer
Spacer (use with LA-1CB)

Accessory Finish Codes

B - Black

P - White

S - Silver

Aircraft Cable Support Kits



Junction Box and T-Bar Power Feed with Support Cable

MLAC-48PF
Kit with 48" Cable
Finish: - B, P

MLAC-180PF
Kit with 180" Cable
Finish: - B, P



Direct to Ceiling Mount Support Cable

MLAC-48
Kit with 48" Cable



T-Bar Mount Support Cable

MLAC-48T
Kit with 48" Cable



Junction Box Mount Support Cable

MLAC-48JB
Kit with 48" Cable
Finish: - B, P

MLAC-180JB
Kit with 180" Cable
Finish: - B, P

Track Extension Brackets



(2) LA2409-B



LA3609-B

Pictured with angled support arm

The track extension brackets are designed for mounting Con-Tech Symphony track away from the wall. Available in two lengths: 24" and 36." Ideal for trade show booths, display areas, and artwork illumination. The LA3609 bracket is supplied with an angled additional support arm. Brackets are shipped with 3/16" toggle bolts, washers and screws. Use two brackets for 2', 4' and 6' track sections, and three brackets for 8' sections. Track and track connectors must be ordered separately.



LA2409

24" Wall Track Extension Bracket
24"L x 1-3/4"W x 8-1/2"H, .05" Thickness
Finish: - B, P, S



LA3609

36" Wall Track Extension Bracket
36"L x 1-3/4"W x 8-1/2"H, .05" Thickness
Finish: - B, P, S

Support Bracket Finish Codes

B - Black

P - White

S - Silver



Surface Mount Transformers

Electronic Transformer Protection

- Auto-reset electronic short circuit protection
- Auto-reset electronic overload protection
- Auto-reset thermal cut-off at 257°F
- The transformer will not work without a load
- 4 year warranty
- UL listed (RU)



MLA-1816

50W, 120/12V Surface Mono-Point with Electronic Transformer, Octagon Junction Box Mount
20 watt minimum load
1-5/16"H x 4-3/4"Dia.
Finish: - B, P, S



MLA-1816 277V

50W, 277/12V Surface Mono-Point with Electronic Transformer, Octagon Junction Box Mount
20 watt minimum load
1-5/16"H x 4-3/4"Dia.
Finish: - B, P, S



MLA-415

125W Canopy Transformer, JB Mount, 120/12V Electronic Transformer Single or Dual (180°) Feed
50 watt minimum load
4-7/8"L x 4-7/8"W x 2-1/4"H
Finish: - B, P, S

Part Number Example: MLA-1816_S 277V



MLA-60

60W, 120/12V Plug-In Electronic Transformer, 10' Cord & Grounded Plug
20 watt minimum load
3-1/16"L x 1-7/16"W x 1-3/16"H
Finish: - B, P, S

Transformer Finish Codes

B - Black

P - White

S - Silver

Remote Transformers

LVT-60-AC

60W 120V/12V Electronic Transformer,
UL Listed Class II
6-1/2"L x 1-1/2"W x 1-3/8"H
Finish: -B (Black)

LRT-181

120V/12V AC/180 Watts, 3-60 Watt,
Fused Class II Circuits (max.)
5-7/64"L x 4-23/32"W x 1-11/16"H
Finish: -B (Black)

LRT-363

120V/12V AC/360 Watts, 6-60 Watt,
Fused Class II Circuits (max.)
8-17/64"L x 4-23/32"W x 1-11/16"H
Finish: -B (Black)

LVT-1200-C-24

(2) 600 Watt Circuits, 120/24V Magnetic
Transformers, (2) Magnetic Circuit Breakers,
(1) Primary
6"L x 5-1/2"W x 10-1/2"H
Finish: -B (Black)

LVT-150

150VA 120/12V Magnetic Transformer,
Magnetic Circuit Breaker
3-1/2"L x 3-1/2"W x 13"H
Finish: -B (Black)

LVT-151

150W 120/12V Remote Electronic Transformer
6-1/2"L x 1-1/2"W x 1-3/8"H
Finish: -B (Black)

LVT-151 24V

150W 120/24V Remote Electronic
Transformer
6-1/2"L x 1-1/2"W x 1-3/8"H
Finish: -B (Black)

LVT-175-DC

175W DC 120/12V Remote Electronic
Transformer
7-1/2"L x 1-1/2"W x 1-3/8"H
Finish: -B (Black)

LVT-300

300VA 120/12V Magnetic Transformer,
Magnetic Circuit Breaker
4-3/8"L x 4"W x 13-3/8"H
Finish: -B (Black)

LVT-300 277V

300 Watt 277/12V Magnetic Transformer,
Magnetic Circuit Breaker
4-3/8"L x 4"W x 13-3/8"H
Finish: -B (Black)

LVT-300-24

300 Watt 120/24V Magnetic Transformer,
Magnetic Circuit Breaker
4-3/8"L x 4"W x 13-3/8"H
Finish: -B (Black)

LVT-303

300 Watt 120/12V Electronic Transformer
Must be within 12' of the system.
1-1/2"L x 1-5/8"W x 9-3/8"H

Finish: -B (Black)

LVT-303 24V

300 Watt 120/24V Electronic
Transformer
1-1/2"L x 1-5/8"W x 9-3/8"H
Finish: -B (Black)

LVT-303-DC

300 Watt 120/12V Electronic
DC Secondary Transformer
1-3/4"L x 1-3/4"W x 10-1/2"H
Finish: -B (Black)

LVT-500-C

(2) 250 Watt 120/12V Magnetic
Transformers, (2) Magnetic Circuit
Breakers, (1) Primary
4-3/8"L x 4-1/2"W x 12-3/8"H
Finish: -B (Black)

LVT-600-24

600 Watt 120/24V Magnetic
Transformer, Magnetic Circuit Breaker
5-3/8"L x 4-3/4"W x 9-1/2"H
Finish: -B (Black)

LVT-600-277V-24

600 Watt 277/24V Magnetic
Transformer, Magnetic Circuit Breaker
5-3/8"L x 4-3/4"W x 9-1/2"H
Finish: -B (Black)

LVT-600-C

(2) 300 Watt 120/12V Magnetic
Transformers, (2) Magnetic Circuit
Breakers, (1) Primary
5-1/4"L x 4-3/4"W x 14-1/4"H
Finish: -B (Black)

Dimming Controls

LVD-600M*

Dimming Control for use with Magnetic Transformers,
600VA, 450W (max.)
Finish: White

LVD-600M/3*

3-Way Dimming Control for use with Magnetic
Transformers, 600VA, 450W (max.)
Finish: White

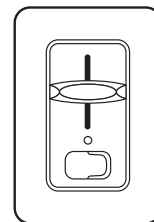
LVD-300E*

Dimming Control for use with Electronic Transformers,
300W (max.)
Finish: White

LVD-300E/3*

3-Way Dimming Control, 300W (max.) use with Electronic
Transformer with switching from two locations
Finish: White

*Wall plate not supplied.



Transformers/Voltage Drop Chart for Low Voltage Power Systems

When voltage and lamp brightness at the beginning of an illuminated section (close to the transformer) are higher than the voltage and lamp brightness at the end, the difference is known as "Voltage Drop."

For a proper low voltage lighting system, circuit runs must be of sufficient size wire to maintain a proper operating voltage to all lamps. Maximum allowable voltage drop should not exceed 5%.

Electronic Transformers

- Maximum wiring distance (from remote transformer to the last fixture on the track):
12' (max.*) with AC Electronic Transformer (use minimum 10ga. wire)
40' (max.*) with DC Electronic Transformer (use minimum 10ga. wire)
* These distances may be extended with thicker gauge wire.
- These transformers may be dimmed with dimmers specifically designed for use with Low Voltage Electronic Transformers.
- All electronic transformers offer auto-reset short circuit protection, overload protection, and thermal cut-off at 257°F.
- These electronic transformers will not operate without a minimum 30% load.
- UL Listed (UL 2108 compliant)
- Must be tested with a load.
- Requires a true RMS digital multi-meter.

Magnetic Transformers

- Maximum distance with Magnetic Transformer should not exceed 40'
- These transformers may be dimmed with dimmers specifically designed for use with Low Voltage Magnetic Transformers.
- High reliability with magnetic circuit breakers.
- Primary 5% boost tap provided to compensate for voltage drop on long runs of 20' or more.
- These UL Listed (UL 2108 compliant) transformers will operate with any load.

WIRING DISTANCE (Remote Transformer to Start of Track)					
Low Voltage Output	Transformer Wattage	#10 GA Wire	#8 GA Wire	#6 GA Wire	#4 GA Wire
12 Volt	150 Watt	23'	36'	57'	91'
12 Volt	250 Watt	14'	21'	34'	55'
12 Volt	300 Watt	11'	18'	28'	45'

Ampere Capacity	Wire Gauge
25	10
35	8
50	6
70	4

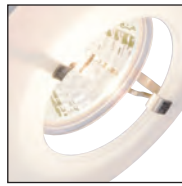
Transformer/Driver Selection Matrix for MCT-3LED Fixture and MRL-3LED Pendants

This matrix is designed to provide multiple options to powering the MCT-3LED Symphony Track fixture and MRL-3LED Symphony Track pendants. All transformers and drivers must be installed according to National Electrical Code and local building codes. Due to minimum wattage requirements of many electronic transformers, Con-Tech offers a low wattage Electronic Transformer option, Magnetic Transformers and Drivers.

Mounting Options	# of Fixtures (watts)	Electronic Transformer	Magnetic Transformer	Driver
Mono-Point (MLA-18 or MLA-19)	1 (4.7W)	RS1260MLED*	LVT-150	LED10CV12
Symphony Track	2 (9.4W)	RS1260MLED	LVT-150	LED10CV12
	3 (14.1W)	RS1260MLED	LVT-150	LED25 12V
	4 (18.8W)	RS1260MLED	LVT-150	LED25 12V
	5 - 10 (23.5W - 47W)	LRT-181, LRT-363, MLA-60	LVT-1200-C-24, LVT-150, LVT-300, LVT-300 277V, LVT-300-24, LVT-500-C, LVT-600-24, LVT-600-277V-24, LVT-600-C	LED60WDC12V
	11 or > (51.7W+)	LRT-181, LRT-363, LVT-151, LVT-151 24V, LVT-175-DC, LVT-303, LVT-303 24V, LVT-303-DC, MLA-60, MLA-415, MLA-830	LVT-1200-C-24, LVT-150, LVT-300, LVT-300 277V, LVT-300-24, LVT-500-C, LVT-600-24, LVT-600-277V-24, LVT-600-C	LED100WDC12V

* Maximum 9 feet remote distance.





f l e x i b l e t r a c k s y s t e m s

- low voltage sirius fixtures
- low voltage sirius pendants
- low voltage sirius system parts and accessories
- quick release fixtures
- quick release pendants
- quick release canopies and adapters
- low voltage magellan fixtures
- low voltage magellan system parts and accessories
- line voltage odyssey fixtures
- line voltage odyssey track pendants
- line voltage odyssey system parts and accessories

Our Flexible Track Systems offer unlimited design possibilities and configurations that traditional track just can't offer. In addition to its contemporary styling, Con-Tech Flexible Track is curvable, making it ideal for a variety of lighting applications.

Con-Tech offers four flexible track systems, allowing for maximum flexibility in your designs.

Our **Sirius Rail System** is the ultimate in quality and capability when it comes to flexible track. The Sirius Rail System is a finely engineered combination of two square copper alloy tubes bonded to, and separated by, a lightly frosted insulator. While the tubes that make up the system are square, the center hold for connection and feed is round. Inserting round components into the round receptacles assure full connection for superior electrical continuity. **Rails are curvable in both the vertical and horizontal planes to your exact specifications.** Sirius Rail are available in three finishes: Polished Chrome, 24K Polished Gold, and Platinum.

Our **Quick Release System** is a low voltage quick disconnect product line that is compatible with Magellan, Odyssey, our low voltage track Symphony, our line voltage track, and mono-point canopies.

Magellan is our low voltage flexible track system powered with remote or surface mounted transformers. **Odyssey** is our line voltage flexible track system that is easy to install and provides a wide variety of lamp choices.

Con-Tech Lighting offers our Magellan and Odyssey Flexible Track Systems in Antique Bronze and Silver finishes. Select fixtures, track, and accessories in either the classic bronze finish, or our silver finish. Flexible Track systems are constructed from anodized aluminum for the ultimate durability and offer a wide variety of fixtures, track lengths, and accessories.





Many Sirius rail fixtures are offered with three different installation options. They may be rail mounted or connected to a mono-point for remote power source or with a built-in transformer. This versatility allows for unlimited placement possibilities in your lighting design.

All fixtures are milled from solid brass and finished in hand-polished chrome, platinum or 24K polished gold plate.

3 Look for this symbol next to the fixture description to indicate that the fixture is offered with the three different mounting options,



1 "SL" Rail Mounted Fixtures

Standard rail mount. Included with each fixture unless specified. Fixtures may be conveniently mounted anywhere along the rail system up to the maximum capacity of the circuits. Multiple circuits may be created with the use of non-conductive connectors and separate feeds. The rail is cULus listed for dry locations only. NEC allows 25 amp capacity for systems under 30V. Rail mount measures 1-7/8" in length.
 12V X 25AMP = 300W load
 24V X 25AMP = 600W load



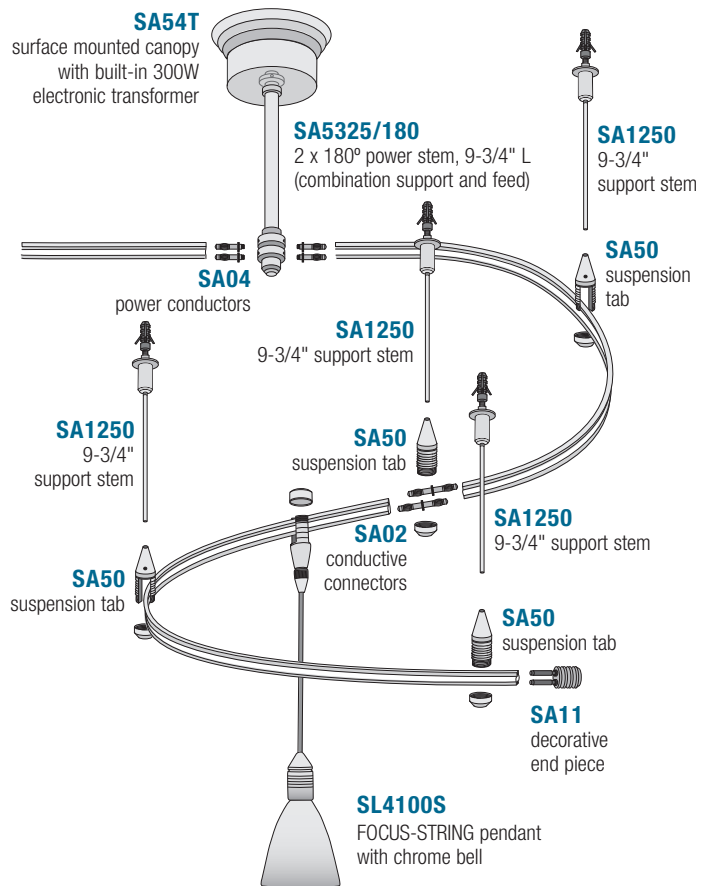
2 "SP" Pendant Model for Remote Power Source

The remote transformer (choose from 150W or 300W sources) may be used to power up to six (6) 50W fixtures, based on a 12V system. The 3" canopy conceals the Class II wiring and an adapter plate (Model SA54A) may be used to cover a 4" outlet box.
 Dimensions:
 2-15/16"W x 7/8"H



3 "SPT" 120V Pendant Series
Built-in Step-Down 120/12V, 60W Electronic Transformer in Canopy

Mounts to a standard 4" octagonal electrical box. The electronic transformer has a built-in overload and short-circuit protection.
 Dimensions:
 4-5/8"W x 1-3/8"H





SL7701
SL7702
SL7707
SL7708

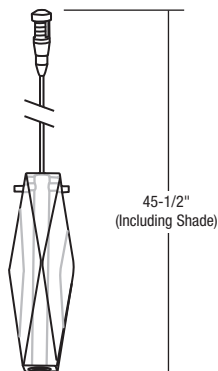


CARAT GLASS

Beautiful, jewel like glass crystal available in amber, blue, clear and smoke. Field adjustable length.

Max. Lamp: 20W, 12V T3, G4 Base
 Finish: - C, PL

- SL7701** Amber Carat Glass
- SL7702** Clear Carat Glass
- SL7707** Blue Carat Glass
- SL7708** Smoke Carat Glass



All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

Fixture Finish Codes

C - Polished Chrome



G - 24K Polished Gold



PL - Platinum

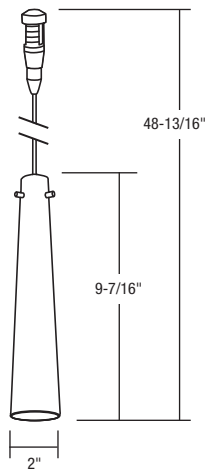




SL7703 **PIA** 

Unique ivory glass shade.
Field adjustable pendant.

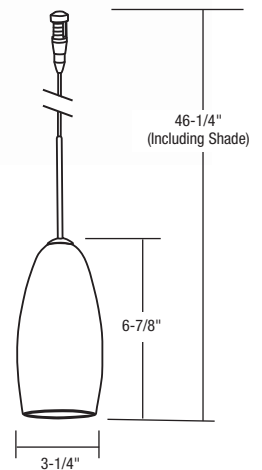
Max. Lamp: 20W, T4 Low Pressure
Halogen, G4 Base
Finish: - C, PL



SL7704 **Romeo** 

Fixture includes pendant and coffee swirl tulip glass shade. Field adjustable pendant.

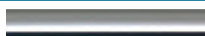
Max. Lamp: 50W, 12V Low Pressure
Halogen, GY6.35 Base
Finish: - C, PL



All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

Fixture Finish Codes

C - Polished Chrome



PL - Platinum





SL4165DS
SL4130
SL4550
SL4100
SL4100S

FOCUS 

A low brightness adjustable reflector to vary beam spread. Chrome bell accented by chrome or platinum hardware.

Max. Lamp: 50W, T4, GY6.35 Base with Axial Filament.

FOCUS-DS with Swivel

SL4165DS

FOCUS Stem Pendant

SL4130

SL4550

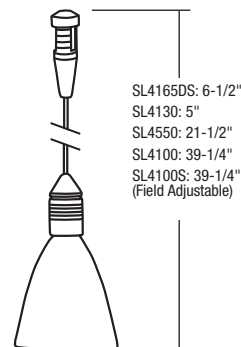
SL4100

FOCUS String Pendant

SL4100S

Finish: - C, PL

Note - Fixture bell is always chrome



All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

Fixture Finish Codes

C - Polished Chrome



PL - Platinum





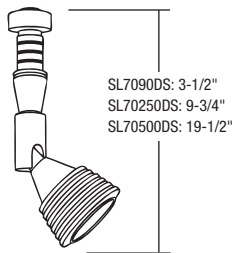
SL7090DS
SL70250DS
SL70500DS



EXA

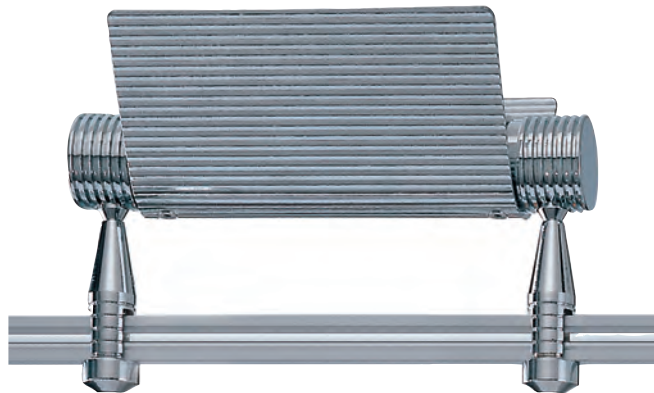
90° vertical, 360° horizontal swivel.
 The Spot Glass Shade (SL9010) series was designed specifically for the EXA fixture (sold separately - see below).

Max. Lamp: 50W, MR16 FG, GU5.3 Base
 Finish: - C, G, PL



SL9010-F (Frosted)
Spot Glass Shade
for EXA

Height: 1-3/4"
 Width: 2-1/4"



SLV2220

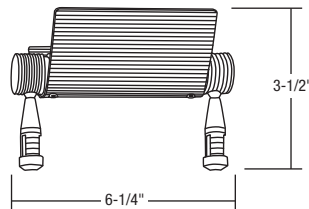
VERSA

Use the VERSA fixture above the rail for up-light, or below the rail for downlight, and wall-wash applications.

Quartz glass protective diffuser shield and ribbed deflector for soft light distribution. Chrome reflector accented by chrome, platinum or 24K gold hardware. Rail mount only.

Max. Lamp: (2) 50W, Bi-pin Halogen, GY6.35 Base
 Finish: - C, G, PL

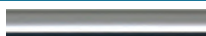
Note - Ribbed Reflector is always chrome



All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

Fixture Finish Codes

C - Polished Chrome



G - 24K Polished Gold



PL - Platinum



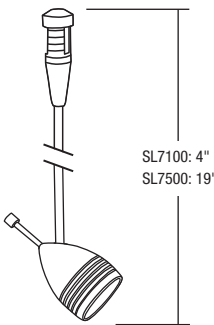
SL7100
SL7500

PICO



Vented design. Easy adjustment with spring-held fixation. Available in numerous lengths to suit your design needs. Fixtures can be further customized with accessories.

Max. Lamp: 50W, MR16 FG, GU5.3 Base
Finish: - C, G, PL



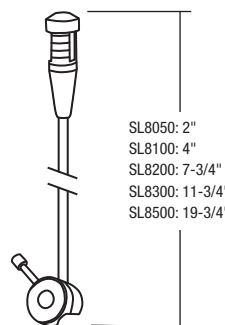
SL8050
SL8100
SL8200
SL8300
SL8500

VARIAN



Vented design. Easy adjustment with internal spring-held fixation. Available in numerous lengths to suit your design needs. Fixtures can be further customized with accessories.

Max. Lamp: 50W, MR16 FG, GU5.3 Base
Finish: - C, G, PL



PICO and VARIAN Accessories



FAS-16

Natural aluminum accessory holder with black honeycomb louver. Will hold up to two control elements max.

FAS-16 (-C, -G)

Polished Chrome or 24K Gold Plated accessory holder with black honeycomb louver. Will hold up one control element max.



FA-16 50MM

2" (50mm) Black Hex Cell Louver for use with FASO-16.



FASO-16

Natural aluminum open accessory holder. For use with all 2" tempered glass lenses. Will hold up to two control elements max.



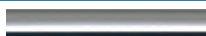
LF16-*

2" (50mm) Tempered Glass Lenses for use with FASO-16
*color options: -A (Amber), -B (Blue), -CL (Clear), -G (Green), -LB (Light Blue), -R (Red), -RO (Rose), -Y (Yellow), -73 (Spread Lens), -LS (Linear Spread Lens), -SL (Soft Light), -UV (Optivex UV Filter).

All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

Fixture Finish Codes

C - Polished Chrome



G - 24K Polished Gold



PL - Platinum



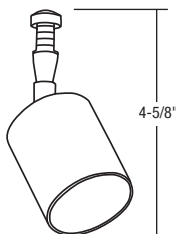


SL50110
TITAN



90° vertical swivel, 360° horizontal swivel.

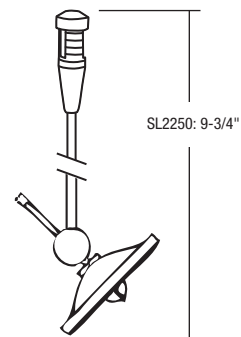
Max. Lamp: 35W, MR16 FG, GU5.3 Base
Finish: - C, PL



SL2250
ALUMI-SPOT

Designed for AR111 lamps for precise beam control and easy aiming. Available in two lengths. Sure-Lock retention for spade type AR111 terminals. 12V operation only.

Max. Lamp: 50W, AR111, G53 Base
Finish: - C, G, PL



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Fixture Finish Codes

C - Polished Chrome



G - 24K Polished Gold



PL - Platinum





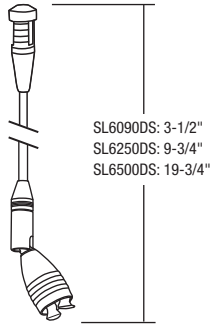
SL6090DS
SL6250DS
SL6500DS



ATTO-DS

Slim styling with swivel construction. Solid grip lamp-holder. Available in numerous lengths to suit your design needs. Fixtures can be further customized with accessories.

Max. Lamp: 50W, MR16 FG, GU5.3 Base
 Finish: - C, G, PL



ATTO-DS Accessories



FAS-16

Natural aluminum accessory holder with black honeycomb louver. Will hold up to two control elements max.



FAS-16 (-C, -G)

Polished Chrome or 24K Gold Plated accessory holder with black honeycomb louver. Will hold up one control element max.



FASO-16

Natural aluminum open accessory holder. For use with all 2" tempered glass lenses. Will hold up to two control elements max.

LF16-*

2" (50mm) Tempered Glass Lenses for use with FASO-16
 *color options: -A (Amber), -B (Blue), -CL (Clear), -G (Green), -LB (Light Blue), -R (Red), -RO (Rose), -Y (Yellow), -73 (Spread Lens), -LS (Linear Spread Lens), -SL (Soft Light), -UV (Optivex UV Filter).



FA-16 50MM

2" (50mm) Black Hex Cell Louver for use with FASO-16.



SL3100
SL3100S



LUMINAL

Handsome acrylic white diffuser for soft, even light. Re-lamping made easy by sliding cylinder upward.

Max. Lamp: 50W MR16 FG, GU5.3 Base or 50W T4, GY6.35 Base

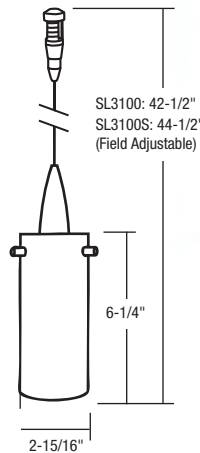
Luminal Stem Pendant

SL3100

Luminal String Pendant

SL3100S

Finish: - C, PL



All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

Fixture Finish Codes

C - Polished Chrome



G - 24K Polished Gold



PL - Platinum



sirius



SL1090DS-PL with SL9006-F Tulip



SL1100S-PL with
SL9016-CB Fluted Tulip

SL1090DS
SL1500DS
SL1500
SL1100
SL1100S



NINO

Stem or string pendant models. Full selection of glass diffusers to compliment any decor. Lamp choice is dependent on glass shade selection. Glass sold separately (on page 156).

Max. Lamp: 35W MR11 FG, GXZ4 Base or 50W, MR16 FG, GU5.3 Base or 20-50W T4, GY6.35 Base.

NINO Swivel

SL1090DS
SL1500DS

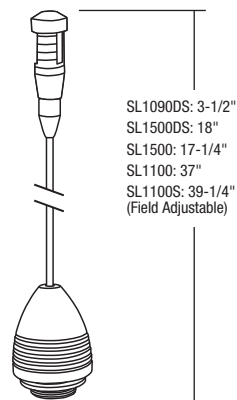
NINO Stem Pendant

SL1500
SL1100

NINO String Pendant

SL1100S

Finish: - C, G, PL



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Fixture Finish Codes

C - Polished Chrome

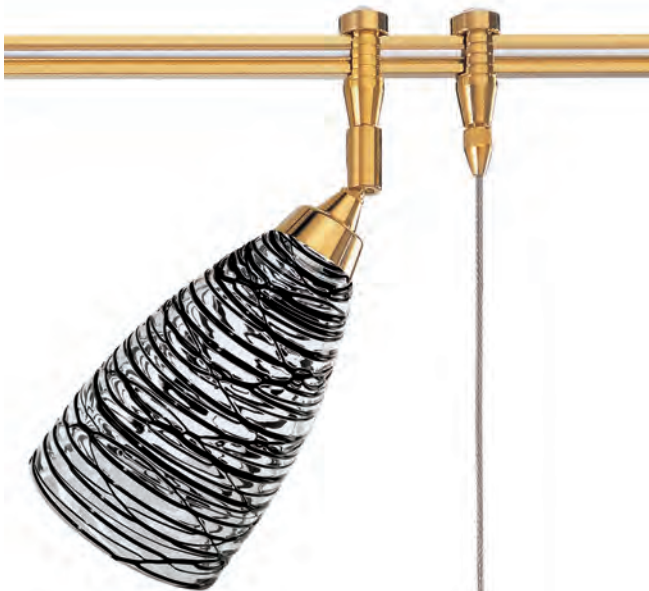


G - 24K Polished Gold



PL - Platinum





SL9080DS-G with
SL9037 Large Tulip



SL9100S-G with
SL9038-C Shine

SL9080DS
SL9080
SL9500
SL9100S



NANO

Stem or string pendant and accent modules. Full selection of glass diffusers to compliment any decor. Lamp choice is dependent on glass shade selection. Glass sold separately (on page 156).

Max. Lamp: 20-50W, T4, GY6.35 Base. Other lamp types may be used dependant on glass selection.

Dims.:

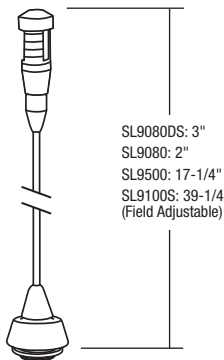
NANO Swivel
SL9080DS: 3"L

NANO Stem Pendant
SL9080: 2" (50mm) L
SL9500: 17-1/4"L

SL9100: 37"L

NANO String Pendant

SL9100S: 39-1/4"L,
Field Adjustable
Finish: - C, G, PL



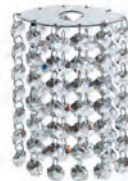
NINO and NANO Glass Options (See page 156 for color and dimensions)



Tulip



Spot Glass



Shine



Fluted Tulip



Large Tulip



Cylinder

All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

Fixture Finish Codes

C - Polished Chrome



G - 24K Polished Gold



PL - Platinum





SL0140DS
SL0100
SL0500
SL0100S
OPTIC



An innovative concept in high efficiency glass reflectors. Eighteen optical coatings on a crystal reflector give the Optic superior illumination capabilities. An exceptional 86% reflectance casts a crisply defined beam with sharp edges and no lamp striations. Reflector takes on a silver finish when not energized and then an iridescent blue when lit. Lamp holder is finned for heat dissipation.

Max. Lamp: 50W T4 Xenon Bi-Pin, GY6.35 Base, Clear or Frosted with a Vertical Filament.

OPTIC Swivel

SL0140DS

OPTIC Stem Pendant

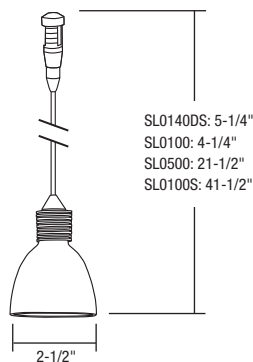
SL0100

SL0500

OPTIC String Pendant

SL0100S

Finish: - C, G, PL



All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

Fixture Finish Codes

C - Polished Chrome



G - 24K Polished Gold



PL - Platinum





SL11100
SL11100S **3**
CRIS

Stem pendant or variable length string versions.
Pendants for use only with CRIS glass elements, sold separately.

Max. Lamp: 50W Low Pressure T4 Axial Filament, GY6.35 Base.
 Will also accept 37W IR Bi-Pin Lamp.

Dims.:

CRIS Stem Pendant

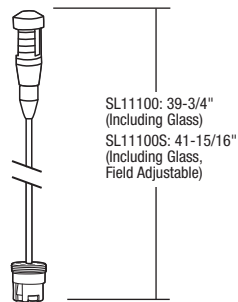
SL11100: 39-3/4"L Including Glass

CRIS String Pendant

SL11100S: 41-15/16"L Including Glass,

Field Adjustable

Finish: - C, PL



CRIS Glass

Crystal glass is available in clear exterior finish with a vacuum metallized reflector. Created exclusively for the Sirius CRIS line of pendants, these glass shades are for use only with CRIS pendants. The reflector is made of aluminum. Some back light shows through the aluminum reflector.

CRIS Glass Cube Shapes



SL9041-CRIS
 Aluminum reflector,
 clear finish.

Dims.:
 2-3/4"W x 2-3/4"W x 2"H



SL9043-CRIS
 Crystal appliqué,
 aluminum reflector,
 clear finish.

Dims.:
 3-1/8"W x 3-1/8"W x 2"H

CRIS Glass Circular Shape



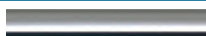
SL9045-CRIS
 Aluminum reflector,
 clear finish.

Dims.:
 2-3/4" Dia. x 2"H

All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

Fixture Finish Codes

C - Polished Chrome

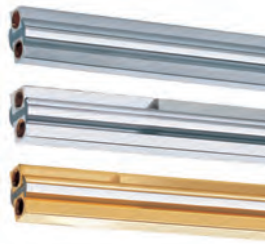
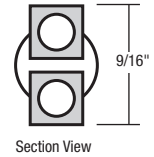


PL - Platinum



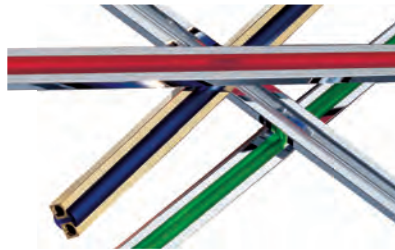
Sirius Rail

Two square copper alloy tubes bonded to, and separated by, a lightly frosted insulator. 12 or 24 Volt operation, cULus listed. Each rail piece measures 39-3/4" long, and may be cut to any length. Rails are curveable in both the vertical and the horizontal planes to customize your design. Consult factory for details.



ST1000
Sirius Rail

Dims.: 39-1/4" L
Finish: - C, G, PL



In addition to the standard frosted insulator, blue (B), red (R), and green (G) insulators are available. Add insulator color choice to end of part number, before finish choice.

i.e. 24K polished gold rail with blue insulator: ST1000B-G.

Sirius Installation Hardware and Accessories

An ingenious array of finely crafted connectors and accessories allow virtually unlimited design potential and applicability. Interchangeable parts plug into one another easily and quickly while insuring firm, solid connections. All hardware is available in hand-polished chrome, matte platinum or 24K hand-polished gold plate except where noted. Add finish choice to the end of the part number when ordering. All electrical connections are rated for 12 or 24 Volt operation. cULus listed for dry locations.



SA54
Surface Feed Cover Canopy

For remote transformer applications. Will allow a maximum of 35° slope (8-1/2 pitch) and will accept two (2) SA feed wires. Center grommet is always black.

Dims.: 3" Dia. x 1" D
Finish: - C, G, PL



SA54A
Surface Adapter Plate

Use when mounting Surface Feed Cover Canopy (SA54) to a 4" outlet box.

Dims.: 4-3/4" Dia.
Finish: - B, C, G, P, PL



SA54-T
Surface Mount Transformer

Built-in 300W max. electronic transformer. Mounts to standard ceiling outlet box, allows for 35° slope (8/12 pitch). Transformer supports 50-300W loads. Use with SA1089 + SA50 or SAV111 for rail suspension. Center grommet is always black. 120V, 60Hz.

Dims.: 4-1/2" Dia. x 2-1/2"H
Finish: - C, G, PL



SA5305/180 2"
SA5325/180 9-3/4**
SA5350/180 19-3/4**
SA5310/180 39**
SA5320/180 78-3/4**
Power Stem Hub: 2 x 180°

*May be field cut to shorter length



SA5360 23-1/2"
SA53200 78-1/2"
SA53400 157"
Power Feed Hub: 2 x 180°

For stem and cable rail suspensions with an alternative source power feed. Includes length of 10-2 power cable with clear insulator.



SA5360FT
Flat Top Power Feed Hub

For wall mounting rail with an alternative source power feed application. Includes length of 10-2 power cable with clear insulator.



SA Feed Wire-1M
SA Feed Wire

10 gauge, 2 conductor, tin plated, clear insulation, rated for 25A circuits. Sold by the meter or an economical 75M reel.

Dims.: 39-1/4"



SA560 23-1/2"
SA5200 78-1/2"
SA5400 157-1/2"
Power End Feed with Plug-in Termination

Includes length of 10-2 power cable with clear insulator.

Accessory Finish Codes

B - Black

C- Polished Chrome

G - 24K Polished Gold

P - White

PL - Platinum



Contact Connectors (pair)

SA04

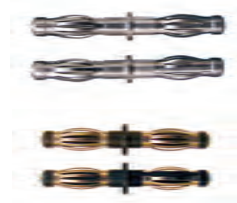
Conductive Connectors

For power stem, power feed hubs or connecting power hubs.

SA04N

Non Conductive Connectors

For power stem, power feed hubs or connecting power hubs.



Straight Connectors (pair)

SA02

Conductive Connectors

For connecting rail sections.

SA02N

Non Conductive Connectors

For interruption of current with more than one power feed. Includes non-conductive insulator.



SA12

Universal Connector (pair)

Horizontal and vertical connector, Adjustable 90° - 180°.



SA11

Decorative Termination

One (1) piece. For an ornamental end to the rail section.



SA10-B

Rail Stops (pair)

Provides termination of rail section. Conforms to shape of rail. Black only.



SA1050

2"

SA1089

3-1/2"

SA1250

9-3/4"

SA1500

19-3/4"

SA1000

39-3/4"

Stem Mounts

Use with suspension tab (SA50) to hold rail. May be field cut to specific lengths.



SAC2000

78-1/2"

SAC4000

157"

Cable Suspension

Use with suspension tab (SA50) to hold rail. May be field cut to specific lengths.



SA50

1-3/16"

Suspension Tab

For stem and cable suspensions, supplied with non-conductive insulator for cap.



SA5045

Connecting Hub: 8 x 45°

For stem and cable suspensions.



SA55

Wall/Floor Passage Connector

Allow single rail to be suspended from wall, or to be used vertically, by a single end support.

Max. Hole Size: 1"

Max. Surface Thickness: 3/4"

Max. Support Length: 39-1/4"

Multiple Attitude Tab Mounting

For wall or ceiling mounting of rail. May be field cut to specific lengths except for SAV50.



Stem Mount

SAV50 2"

SAV111 4-1/3"

SAV250 9-3/4"

SAV500 19-3/4"

SAV100 39-1/4"



Wall Mount Only

SAVC500 19-3/4"

Wall mount SAV bracket with aircraft cable support.

SAVC1000 39-1/4"

Wall mount SAV bracket with aircraft cable support.

NOTICE

Mounts are supplied with mounting screw and plastic anchor. For T-Bar mounting, add suffix "-T". For drywall mounting with toggle bolt, add suffix "-D".

Glass Shades

An exquisite collection of contemporary shapes and colors for virtually any application. Use 50W (max.) low pressure T4 Halogen or Xenon lamps (clear or frosted) for all glass accessories, except where noted. Glass shades are for use with Nino and Nano fixtures.



SL9038-C Shine

Crystal Glass Accents
Dims.: 5-1/2"H x 3-5/32"W



SL9016- Fluted Tulip

Also accepts 50W MR16 FG Lamp
Dims.: 3-1/4"H x 3-1/8"W
Finishes:
CB - Cobalt Blue,
CC - Crystal Clear
F - Frosted



SL9037 Large Tulip

Also accepts 50W MR16 FG Lamp
Dims.: 6-57/64"H x 3-3/16"W



SL9006N- Tulip

Also accepts 50W MR16 FG Lamp
Dims.: 3-1/2"H x 3-1/8"W
Finishes:
A - Antique Ivory Satin
CB - Cobalt Blue Satin
F - Frosted
G - Green Satin
R - Red Satin
Y - Yellow Satin



SL9010-F (Frosted) Spot Glass Shade

Also accepts 50W MR16 FG Lamp
Dims.: 1-3/4"H x 2-1/4"W



SL9004-F SL9007-F SL9005-F Cylinder

Dims.:
SL9004-F-: 1-3/4"H
SL9007-F-: 2-1/2"H
SL9005-F-: 4-1/8"H

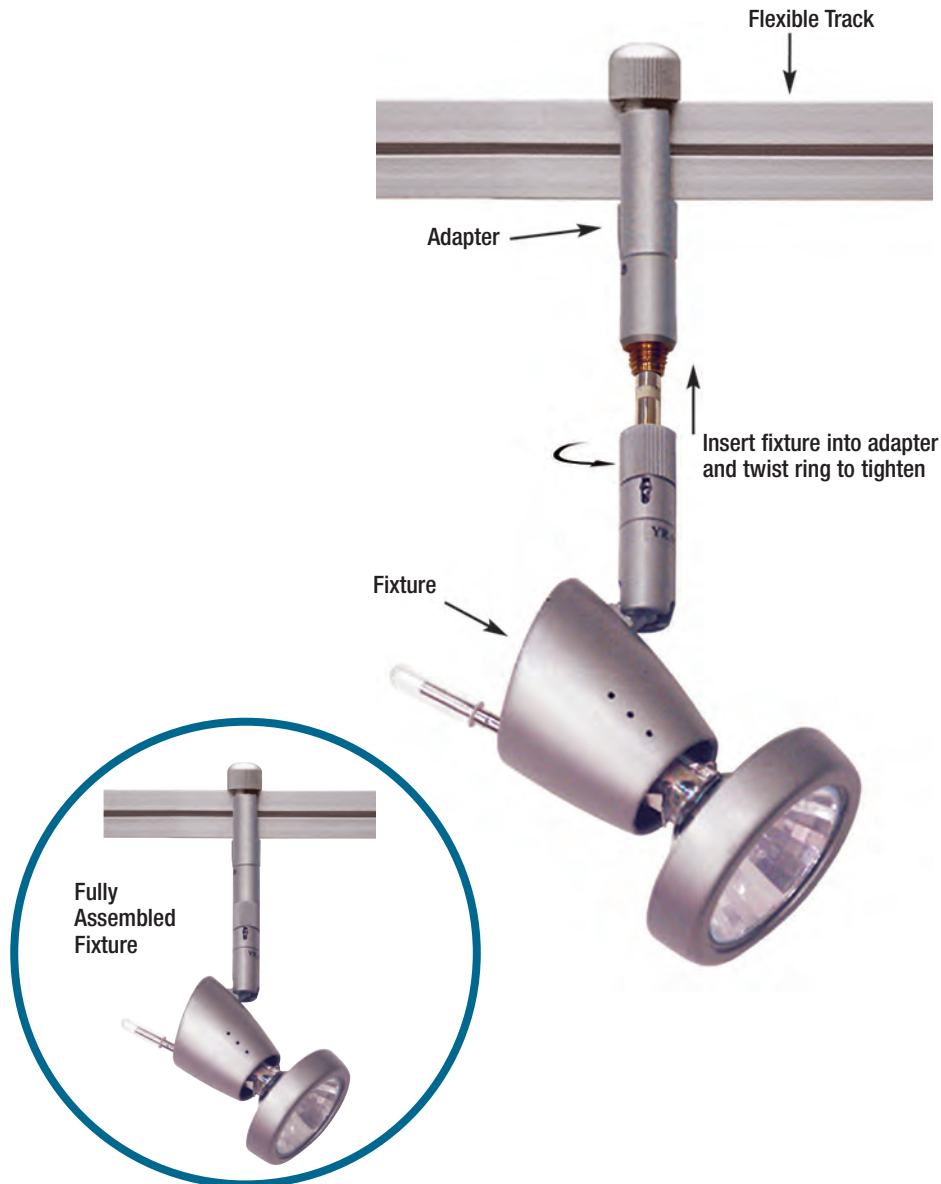


q u i c k r e l e a s e l i g h t i n g



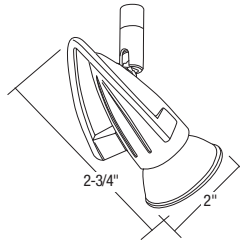
Con-Tech's low voltage Quick Release Lighting system delivers the versatility to adapt to any of our lighting systems with ease. With the appropriate adapter, the Quick Release series fixtures and pendants are compatible with our Magellan and Odyssey Flexible Track Systems, Symphony low voltage track, line voltage track and mono-point ceiling canopies.

Select the fixture or pendant of interest, and the appropriate flexible track/track adapter (page 162-163). Tighten the fixture to the adapter, and you're ready to connect the Quick Release fixture to your lighting system.

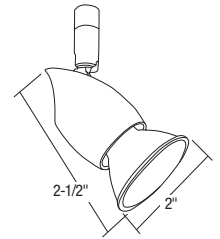




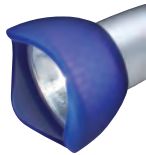
CRS140QR Star Spot
 Without Shade
 Accepts up to 3 lenses or
 louvers with accessory holders
 FAS-16 or FASO-16
 Lamp: 50W max., MR16 FG,
 GU5.3 Base
 Finish: - AB, S



CRS298QR Neat Spot
 Accepts up to 3 lenses or
 louvers with accessory holders
 FAS-16 or FASO-16
 Lamp: 50W max., MR16 FG,
 GU5.3 Base
 Finish: - AB, S



CRS-STAR- Shades for Star Spot
 Lamp: 50W max., MR16 FG,
 GU5.3 Base
 Finish: - B, DC, W



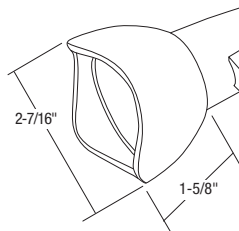
CRS-STAR-B



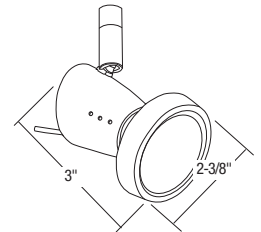
CRS-STAR-DC



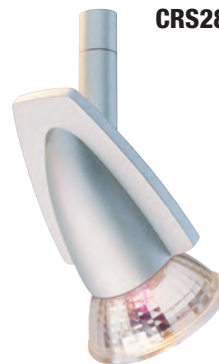
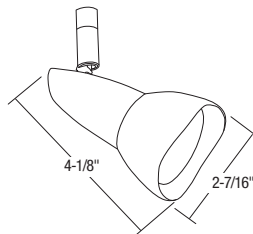
CRS-STAR-W



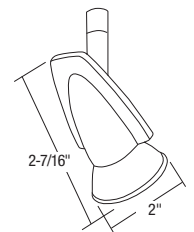
CRS4537QR Risa with Ring
 Lamp: 50W max., MR16 FG,
 GU5.3 Base
 Finish: - AB, S



**CRS400QR Ponti with
 Porcelain Shade**
 Lamp: 50W max., MR16 FG,
 GU5.3 Base or T5 Xenon,
 GY6.35 Base
 Finish: - AB, S



CRS281QR Rocket
 Accepts up to 3 lenses or
 louvers with accessory holders
 FAS-16 or FASO-16
 Lamp: 50W max., MR16 FG,
 GU5.3 Base
 Finish: - AB, S



Fixture Finish Codes

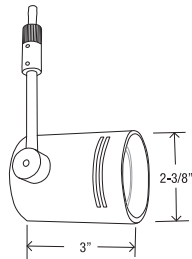
AB - Antique Bronze S - Silver

Shade Finish Codes

B - Blue DC - Die Cast/Silver W - Frosted White Glass

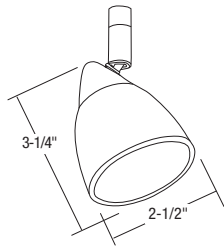
CRS697QR Bima Spot

Lamp: 50W max., MR16 FG,
GU5.3 Base
Finish: - AB, S



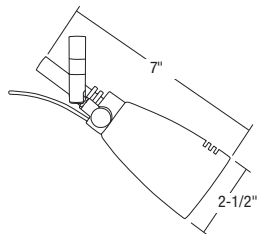
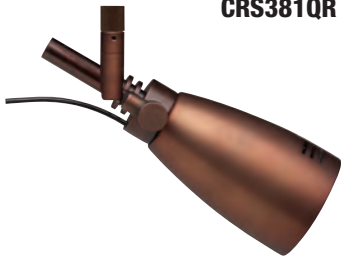
CRS280QR Stratos Spot

Lamp: 50W max., MR16 FG,
GU5.3 Base
Finish: - AB, S



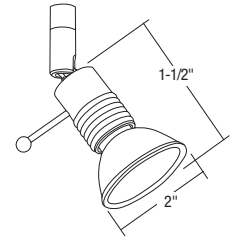
CRS381QR Nica with Metal Shade

Lamp: 35W max., MR16 FG,
GU5.3 Base
Finish: - AB, S



CRS129QR Syros

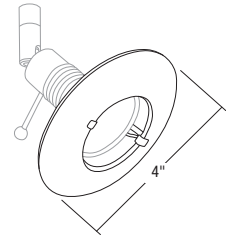
Accepts up to 3 lenses or
louvers with accessory holders
FAS-16 or FASO-16
Lamp: 50W max., MR16 FG,
GU5.3 Base
Finish: - AB, S



CRS-SP130 Frosted White Glass Ring Accessory

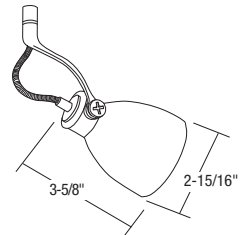
Clips included.

Syros shown with
Glass Accessory



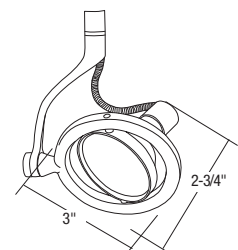
CRS44156QR Radia-S

With Porcelain Shade
Lamp: 50W max., MR16 FG,
GU5.3 Base or T5 Xenon,
GY6.35 Base
Finish: - AB, S



CRS596QR Lika Spot

Accepts up to 2 lenses
or louvers.
Lamp: 50W max., MR16 FG,
GU5.3 Base
Finish: - AB, S



Fixture Finish Codes

AB - Antique Bronze

S - Silver

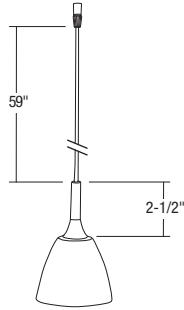
CRS3296QR Quick Release Lock-Fit Pendant

For Lock-Fit Shades
Coaxial cord is 59" long with transparent silicone insulation. May be field modified for shorter lengths. Includes fingerglass, ring tool, and allen wrench. Shades sold separately, see pages 208-211.

Lamp: 50W max., T5 Xenon, GY6.35 Base
Finish: - AB, S



Shown with CTS349-SR



- CRS7247LEDQRW** 2' Pendant
- CRS7487LEDQRW** 4' Pendant
- CRS7727LEDQRW** 6' Pendant
- CRS7967LEDQRW** 8' Pendant

*Not for use on Magellan Rail System

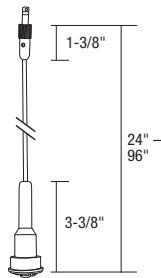


Shown with RCG784

6W LED Quick Release Pendants

For Gravity-Fit Shades
This 6W LED pendant can be used as a mono-point ceiling canopy or on a line voltage track system and is available in warm (3000K) white color temperature. The coaxial cord cover keeps the cord straight for a clean appearance. Four lengths are available and may be field modified for shorter lengths. Shades sold separately on pages 194-207. Adapters sold separately on page 187.

Lamp: 6W Warm (3000K)
215 Delivered Lumens
White LED Color Temperature
Finish: - AB, B, P, S



Mono-point or Line Voltage Only

- CRS7246LEDQR(C,W)** 2' Pendant
- CRS7486LEDQR(C,W)** 4' Pendant
- CRS7726LEDQR(C,W)** 6' Pendant
- CRS7966LEDQR(C,W)** 8' Pendant

*Not for use on Magellan Rail System

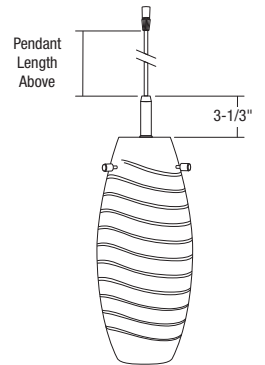


Shown with MLA115K-BL

3W LED Quick Release Pendants

For Gravity-Fit Shades
This 3W LED pendant is available in cool (6000K) and warm (3000K) white color temperatures. The coaxial cord cover keeps the cord straight for a clean appearance. Four lengths are available and may be field modified for shorter lengths. Shades sold separately on pages 194-207. Adapters sold separately on page 187.

Lamp: 3W Cool (6000K)
104 Delivered Lumens or
Warm (3000K) White LED
Color Temperatures
Finish: - AB, S

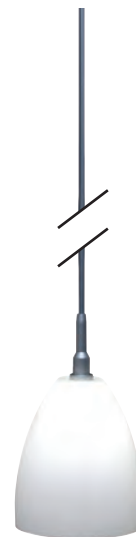


- CRS7246QR-** 2' Pendant
- CRS7486QR-** 4' Pendant
- CRS7726QR-** 6' Pendant
- CRS7966QR-** 8' Pendant

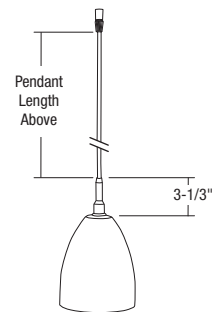
Quick Release Gravity Pendants

For Gravity-Fit Shades
Coaxial cord may be field modified for shorter lengths. Includes fingerglass and allen wrench. Shades sold separately, see pages 194-207.

Lamp: 50W max., T4/T5 Xenon, GY6.35 Base
Finish: - AB, S



Shown with OFG201



Fixture Finish Codes

AB - Antique Bronze

B - Black

P - White

S - Silver

Canopies and Adapters



CRS-MAGQR

Magellan Low Voltage Flexible Track Adapter

Connect QR-Series fixtures and pendants to Magellan Flexible Track System. Not for use with 3W or 6W LED QR pendants

Dims.: 2-3/4"H
Finish: - AB, S



CRS-ODYQR

Odyssey Line Voltage Flexible Track Adapter

Connect Non-LED QR-Series fixtures and pendants to Odyssey Flexible Track System. Transformer included.

Dims.: 3-1/4"L x 5"H
Finish: - AB, S



CRS-SYMQR

Symphony Low Voltage Track Adapter

Connect Non-LED QR-Series fixtures and pendants to Symphony Low Voltage Track System.

Dims.: 3/4"L x 1-1/4"H
Finish: -S



CRS-LVTQR

Line Voltage Track Adapter

Connect Non-LED QR-Series fixtures and pendants to Line Voltage Track System. Transformer included.

Dims.: 5-1/4"L x 1-11/16"H
Finish: -S



CRS-DQRCT

Decorative Ceiling Canopy with LET60 Transformer

Connect any Non-LED Quick Release fixture or pendant to a ceiling or wall.

Mounts to NEC approved 4" round or octagonal junction box with minimum depth of 1-1/2".

Dims.: 2-1/2"H x 4-3/8" Dia.
Finish: - AB, C, S



CRS-TQRCT

Thin Ceiling Canopy with LET60 Transformer

Connect any Non-LED Quick Release fixture or pendant to a ceiling or wall.

Mounts to NEC approved 4" round or octagonal junction box with minimum depth of 1-1/2".

Dims.: 1/2"H x 4-3/8" Dia.
Finish: - AB, C, S



CRS-QRC

Ceiling Canopy without Transformer

CRS-QRCT
Ceiling Canopy with LET60 Transformer

Connect any Non-LED Quick Release fixture or pendant to a ceiling or wall.

Dims.: 1-5/16"H x 4-3/8" Dia.
Finish: - AB, C, S



CRS-QRSC

Sloped Ceiling Canopy without Transformer

CRS-QRSC
Sloped Ceiling Canopy with LET60 Transformer

Pivoting ball joint allows fixtures and pendants to hang straight. 50° Slope. Non-LED usage.

Dims.: 1-5/16"H x 4-3/8" Dia.
Finish: - AB, S



CRS12106QR

6" Extension Rod

CRS121012QR

12" Extension Rod

CRS121024QR

24" Extension Rod

Lower fixture from adapters or canopies.

Finish: - AB, S

Canopy and Adapter Finish Codes

AB - Antique Bronze

C - Chrome

S - Silver



CRS-ODYQRD

Odyssey Line Voltage Flexible Track Adapter

Connect 3W or 6W LED pendants to Odyssey Flexible Track System. LED Driver included.

Dims.: 3-1/4"L x 5"H
Finish: - AB, B, S



CRS-LVTQRD

Line Voltage Track Adapter

Connect 3W or 6W LED pendants to Line Voltage Track System. LED Driver included.

Dims.: 5-1/4"L x 1-11/16"H
Finish: - B, P, S



CRS-DQRCD

Decorative Ceiling Canopy with LED Driver

Connect 3W or 6W LED pendants to a ceiling. 120V, 50/60Hz.

Mounts to NEC approved 4" round or octagonal junction box with minimum depth of 1-1/2".

Dims.: 1-3/4"H x 4-3/8" Dia.
Finish: -AB, B, P, S



CRS-TQRCD

Thin Ceiling Canopy with LED Driver

Connect 3W or 6W LED pendants to a ceiling. 120V, 50/60Hz.

Mounts to NEC approved 4" round or octagonal junction box with minimum depth of 1-1/2".

Dims.: 1/2"H x 4-3/8" Dia.
Finish: -AB, B, P, S



CRS-QRCD

Ceiling Canopy with LED Driver

Connect 3W or 6W LED pendants to a ceiling. 120V, 50/60Hz.

Dims.: 1-5/16"H x 4-3/8" Dia.
Finish: - AB, B, P, S

Canopy and Adapter Finish Codes

AB - Antique Bronze

B - Black

P - White

S - Silver

Fixture Accessories



Colored Glass Filters

LF16

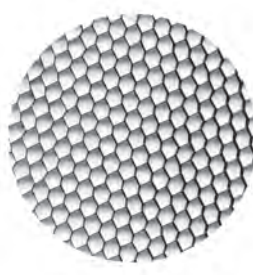
2" Dia.
Finish: - A, B, G, LB, R, RO, Y



Optical Filters

LF16

2" Dia.
Finish: - 73, CL, LS, SL, SOL, UV



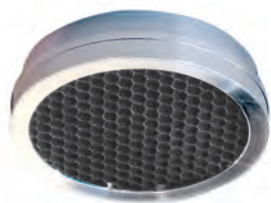
FA-16 50MM

Honeycomb Louver, Black
(For CRS381QR and CRS596QR.)
Use with FASO-16 on
CRS129QR, CRS140QR,
CRS281QR, and CRS298QR)
Diameter: 2"



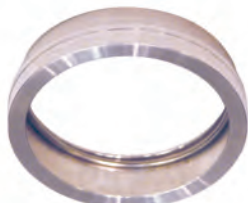
LA-816

Cut Off Baffle/Snoot, Black,
1-3/8" Dia. x 1-3/16"L
(For use with FASO-16 on
CRS129QR, CRS140QR,
CRS281QR, and CRS298QR)



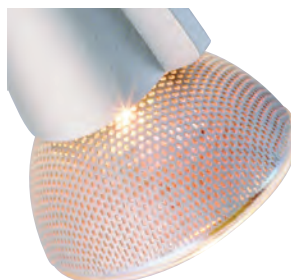
FAS-16

Aluminum MR16 Accessory
Holder with Honeycomb Louver
(Accepts 3 accessories)



FASO-16

Aluminum MR16 Accessory
Holder
(Accepts 3 Accessories)



CRS-MG

Silver Mesh Grill
(For use with any open lamp
fixtures with MR16 FG lamps.)



THS-16

Thermal Heat Shield
(For CRS129QR, CRS140QR,
CRS281QR, CRS298QR, and
CRS4537QR)

Quick Release Fixture/Accessory Compatibility Chart

	Accessory Holder	Amber Lens	Blue Lens	Clear Lens	Green Lens	Light Blue Lens	Red Lens	Rose Lens	Yellow Lens	Prismatic Spread Lens	Linear Spread Lens	Soft Light Lens	Optivex UV Lens	Honeycomb Louver	Baffle/Snoot	Silver Mesh Grill	Thermal Heat Shield
CRS129QR	FAS-16, FASO-16	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816	CRS-MG	THS-16
CRS140QR	FAS-16, FASO-16	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816	CRS-MG	THS-16
CRS281QR	FAS-16, FASO-16	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816	CRS-MG	THS-16
CRS298QR	FAS-16, FASO-16	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816	CRS-MG	THS-16
CRS4537QR																	THS-16
CRS596QR		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM			

Heat Treated Solid Color Glass Filter Finishes

A - Medium Amber
B - Medium Blue
G - Medium Green
LB - Light Blue
R - Red
RO - Rose/Pink
Y - Yellow

Optical Filter Finishes

73 - Prismatic Spread Lens
CL - Clear Lens
LS - Linear Spread Lens
SL - Soft Light, Sandblasted Lens
SOL - Solite Lens
UV - Optivex UV filter



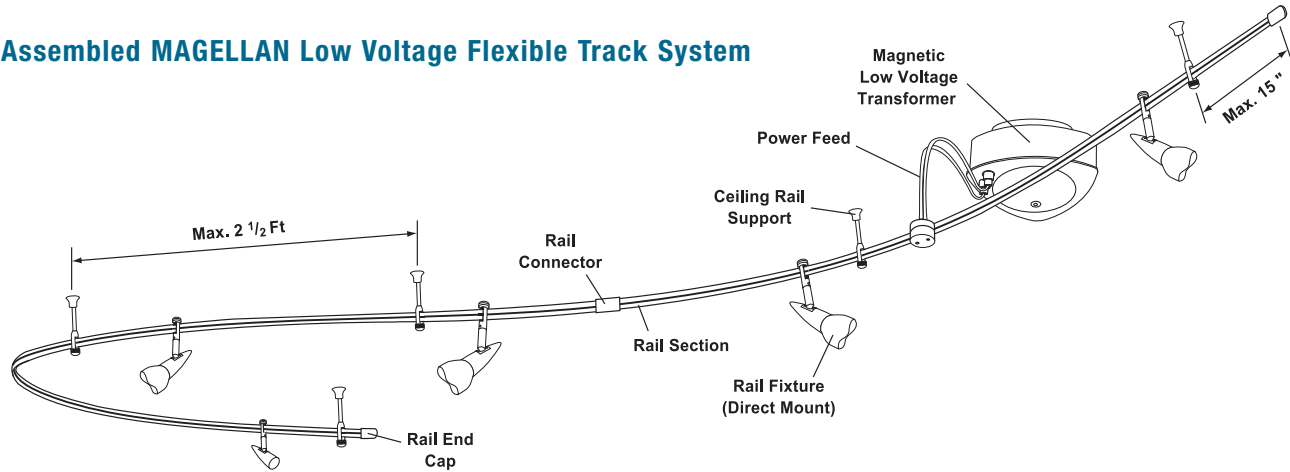
Urban Fresh Grocery photo by Con-Tech Lighting.



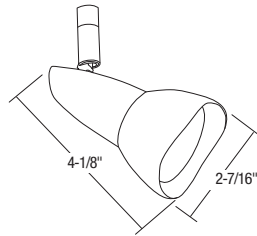
Magellan Low Voltage Flexible Track has a 25 AMP capacity and is rated for use at 12 Volt (300 watt capacity) or 24 Volt (600 watt capacity). Utilize a wide variety of fixtures, track lengths, accessories and transformers to customize your lighting plans. Lamp choices include MR16 LED, MR16 Halogen, AR111, T3 Halogen, T4 Halogen, T5 Halogen, T3 Xenon, T4 Xenon, and T5 Xenon. **LED**

Magellan Low Voltage Flexible Track is versatile. It can be powered with remote or surface mounted electronic or magnetic transformers. All electronic transformers have auto-reset electronic short circuit, thermal cutoff, and overload protection. Wattage overload protection resets itself automatically when the wattage correction is made.

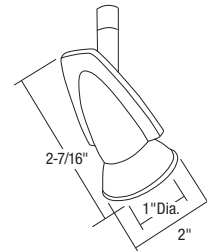
Assembled MAGELLAN Low Voltage Flexible Track System



CRS400 Pontilux with Porcelain Shade
 Lamp: 50W max., MR16 FG, GU5.3 Base or T5 Xenon, GY6.35 Base
 Finish: -S



CRS281 Rocket
 Accepts up to 3 lenses or louvers with accessory holders FAS-16 or FASO-16
 Lamp: 50W max., MR16 FG, GU5.3 Base
 Finish: -S



Note: Fixtures Include Track Adapter

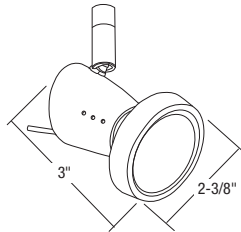
Fixture Finish Codes

S - Silver

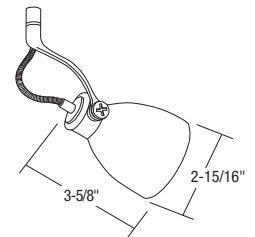
For Antique Bronze Magellan Fixtures, see our Quick Release System on pages 159-161.



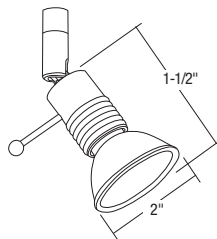
CRS4537 Risa with Ring
Lamp: 50W max., MR16 FG,
GU5.3 Base
Finish: -S



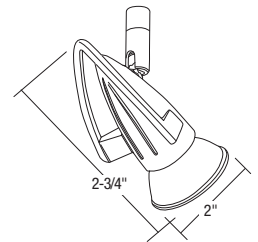
CRS44156 Radia-S
With Porcelain Shade
Lamp: 50W max., MR16 FG,
GU5.3 Base or T5 Xenon,
GY6.35 Base
Finish: -S



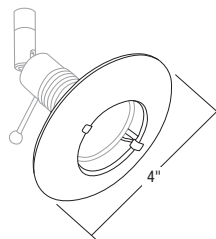
CRS129 Syros
Accepts up to 3 lenses or
louvers with accessory holders
FAS-16 or FASO-16
Lamp: 50W max., MR16 FG,
GU5.3 Base
Finish: -S



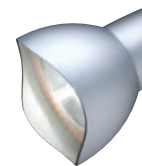
CRS140 Star Spot
Without Shade
Accepts up to 3 lenses or
louvers with accessory holders
FAS-16 or FASO-16
Lamp: 50W max., MR16 FG,
GU5.3 Base
Finish: -S



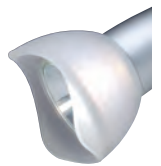
**CRS-SP130 Frosted White
Glass Ring**
Glass accessory for Magellan
Syros (CRS129). Clips included.



CRS-STAR-B

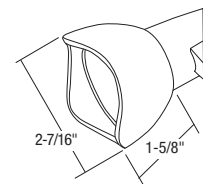


CRS-STAR-DC



CRS-STAR-W

CRS-STAR- Shades for Star Spot
Lamp: 50W max., MR16 FG,
GU5.3 Base
Finish: - B, DC, W



Note: Fixtures Include Track Adapter

Fixture Finish Codes

S - Silver

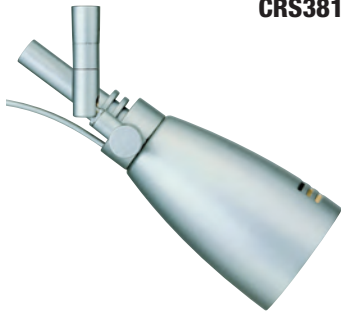
Shade Finish Codes

B - Blue

DC - Die Cast/Silver

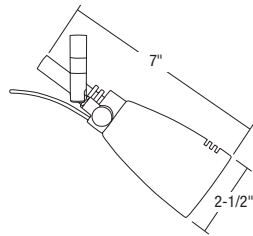
W - Frosted White Glass

For Antique Bronze Magellan Fixtures, see our Quick Release System on pages 159-161.



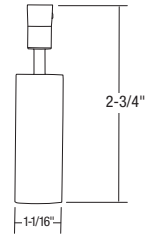
CRS381 Nica with Metal Shade

Lamp: 35W max., MR16 FG, GU5.3 Base
Finish: -S



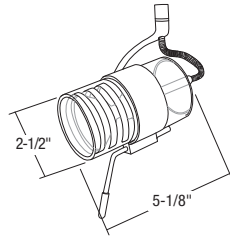
CRS383 Mini Pen/Frosted Cylinder

Lamp: 20W max., T3 Xenon, G4 Base
Finish: -S



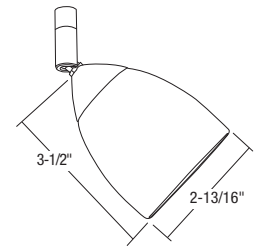
CRS1066 Varre

Glass tube accent with curved arm and removable side louver.
Lamp: 50W max., MR16 FG, GU5.3 Base
Finish: -S



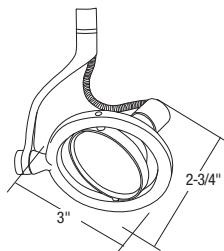
CRS4426 Argos with Porcelain Shade

Lamp: 50W max., MR16 FG, GU5.3 Base or T5 Halogen, GY6.35 Base
Finish: -S



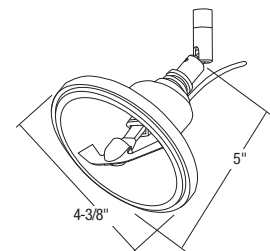
CRS596N Lika Spot

Accepts up to 2 lenses or louvers
Lamp: 50W max., MR16 FG, GU5.3 Base
Finish: -S



CRS382 Radar

Lamp: 50W max., AR111, G53 Base
Finish: -S



Note: Fixtures Include Track Adapter

Fixture Finish Codes

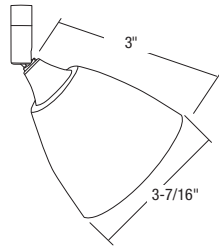
S - Silver

For Antique Bronze Magellan Fixtures, see our Quick Release System on pages 159-161.



CRS3546 Spot with Aleo Glass Shade

Includes Fingerglass
Lamp: 50W max., MR16 FG,
GU5.3 Base or T4 Halogen,
GY6.35 Base
Finish: -S



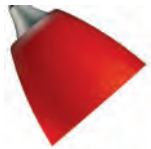
CRS3546B
Satin Blue



CRS3546B
Satin Blue



CRS35460
Satin Orange



CRS3546R
Satin Red

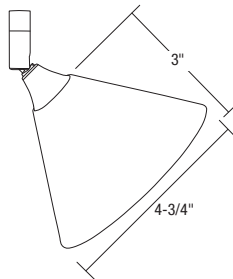


CRS3546W
Satin White



CRS35434 Spot with Satin Cone Shade

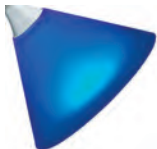
Includes Fingerglass
Lamp: 50W max., MR16 FG,
GU5.3 Base or T4 Halogen,
GY6.35 Base
Finish: -S



CRS35434G
Green



CRS35434A
Amber



CRS35434B
Blue



CRS35434F
Frost



CRS35434G
Green



CRS35434PR
Purple

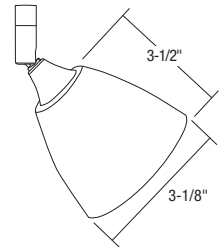


CRS35434R
Red



CRS35406 Spot with Satin Tulip Shade

Includes Fingerglass
Lamp: 50W max., MR16 FG,
GU5.3 Base or T4 Halogen,
GY6.35 Base
Finish: -S



CRS35406Y
Yellow



CRS35406A
Antique Ivory



CRS35406CB
Cobalt Blue



CRS35406F
Frost



CRS35406G
Green



CRS35406R
Red



CRS35406Y
Yellow

Note: Fixtures Include Track Adapter

Fixture Finish Codes

S - Silver

For Antique Bronze Magellan Fixtures, see our Quick Release System on pages 159-161.

Fixture Accessories



Colored Glass Filters

LF16

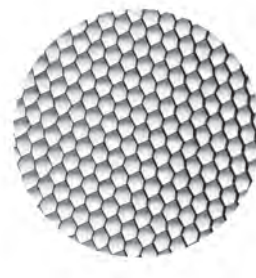
2" Dia.
Finish: - A, B, G, LB, R, RO, Y



Optical Filters

LF16

2" Dia.
Finish: - 73, CL, LS, SL, SOL, UV



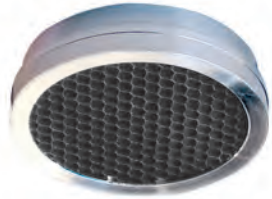
FA-16 50MM

Honeycomb Louver, Black
(For CRS596N. Use with FASO-16 on CRS129, CRS140, and CRS281)
Diameter: 2"



LA-816

Cut Off Baffle/Snoot, Black,
1-3/8"Dia. x 1-3/16"L
(For use with FASO-16 on CRS129, CRS140, and CRS281)



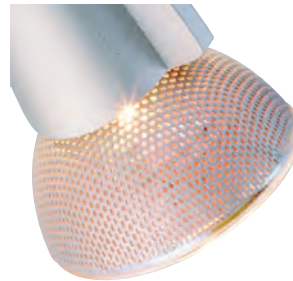
FAS-16

Aluminum MR16 Accessory Holder with Honeycomb Louver
(Accepts 3 Accessories)



FASO-16

Aluminum MR16 Accessory Holder
(Accepts 3 Accessories)



CRS-MG

Silver Mesh Grill
(For use with any open lamp fixtures with MR16 FG lamps.)



THS-16

Thermal Heat Shield
(For CRS129, CRS140, CRS281, and CRS4537)

Magellan Fixture/Accessory Compatibility Chart

	Accessory Holder	Amber Lens	Blue Lens	Clear Lens	Green Lens	Light Blue Lens	Red Lens	Rose Lens	Yellow Lens	Prismatic Spread Lens	Linear Spread Lens	Soft Light Lens	Optivex UV Lens	Honeycomb Louver	Baffle/Snoot	Silver Mesh Grill	Thermal Heat Shield
CRS129	FAS-16, FASO-16	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816	CRS-MG	THS-16
CRS140	FAS-16, FASO-16	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816	CRS-MG	THS-16
CRS281	FAS-16, FASO-16	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM	LA-816	CRS-MG	THS-16
CRS4537																	THS-16
CRS596		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	FA-16 50MM			

Heat Treated Solid Color Glass Filter Finishes

A - Medium Amber
B - Medium Blue
G - Medium Green
LB - Light Blue
R - Red
RO - Rose/Pink
Y - Yellow

Optical Filter Finishes

73 - Prismatic Spread Lens
CL - Clear Lens
LS - Linear Spread Lens
SL - Soft Light, Sandblasted Lens
SOL - Solite Lens
UV - Optivex UV filter

Power Accessories



CRS293

Power Feed

Surface transformer to flexible track
11-13/16" of 10-2 wire.
Includes allen wrench.

Rating: 12-24V, 25A
Finish: - AB, S



CRS-FEEDWIRE-3M

9'10"L Feed Wire

CRS-FEEDWIRE-6M

19'8"L Feed Wire

For CRS293. 10-2 standard cord with clear insulation. Crimped ends for CRS293 flexible track adapter.

Rating: 12-24V, 25A
Finish: - AB, S



CRS320

Magellan Curving Machine

Mounts to table or board with built-in clamp. Nylon rollers protect flexible track finish. (shown)

Finish: -S



CRS2964

4' Track with End Caps

CRS2968

8' Track with End Caps

Anodized aluminum finish with clear Lexan insulator, 7/8"H.

Finish: - AB, S

Power Stems



CRS2901

4" Fixed Power Stem with Canopy

Includes allen wrench.
Transformer sold separately.
Rating: 12-24V, 25A

Dims.: 1-5/16"H x 4-3/8" Dia.
Finish: - AB, S



CRS290 (7-1/2" to 11-1/2")

CRS7592 (14" to 24")

CRS7594 (26" to 48")

CRS7598 (50" to 96")

Adjustable Power Stems with Canopy

Includes allen wrench.
Transformer sold separately.
Floating Feed Rating: 12-24V, 25A

Dims.: 1-5/16"H x 4-3/8" Dia.
Finish: - AB, S



CRS105712

12" Quick Disconnect Universal Stem Extension

CRS105724

24" Quick Disconnect Universal Stem Extension

Stem extensions will accept all Magellan spot fixtures. Can be mounted to flexible track or to Quick Disconnect Universal Canopies (page 162 for mono-point installation.)

Finish: - S

Accessory Finish Codes

AB - Antique Bronze S - Silver

Ceiling and Wall Connectors

All connectors feature 15/16" diameter ceiling flanges, mount in solid or grid ceilings, and includes allen wrench, concrete anchor, 8-32 brass nut and wood screw. Use 8-32 wall anchors, by others, for wallboard mounting. **For sloped ceiling applications, use sloped ceiling adapter CRS757 (page 173) with the ceiling connectors.**

Short Ceiling



CRS2944
Length: 2-3/16"
Finish: - AB, S

Ceiling



CRS2941
Length: 4"
CRS2942
Length: 7-7/8"
Finish: - AB, S

Adjustable Ceiling



CRS586
Range: 7-1/2" to 11-1/2"
CRS5862
Range: 14" to 24"
CRS5864
Range: 26" to 48"

Cable Ceiling



CRS2943
Length: 8"
CRS2943-6M
Length: 19'8"
Finish: - AB, S

Adjustable Wall



CRS653
Range: 5-5/16" to 8-5/8"
CRS6532
Range: 14" to 24"
CRS6532 has an adjustable cable support to hold longer mounting positions.
Finish: - AB, S

CRS5868
Range: 50" to 96"
Finish: - AB, S

Flexible Track Connectors



CRS295
Flexible Track Connections
Conductive (12-24V, 25A)

CRS332
Flexible Track Connections
Non-Conductive

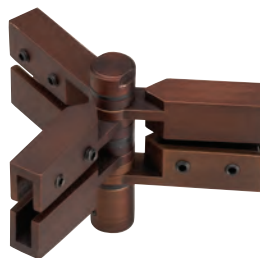
Nickel plated allen screws,
includes allen wrench.

Dims.: 2-3/8"L
Finish: - AB, S



CRS355
Angular Connector
Conductive
60° to 300° (240° max. range).
Nickel plated allen screws,
includes allen wrench.

Rating: 12-24V, 25A
Dims.: 2-1/2"L
Finish: - AB, S



CRS396
"T" Connector
Conductive
Three independently moving
sections. Nickel plated allen
screws, includes allen wrench.

Rating: 12-24V, 25A
Radius: 1-1/2"
Finish: - AB, S



CRS397
"X" Connector
Conductive
Four independently moving
sections. Nickel plated allen
screws, includes allen wrench.

Rating: 12-24V, 25A
Radius: 1-1/2"
Finish: - AB, S

Accessory Finish Codes

AB - Antique Bronze S - Silver

Adapters



CRS757
Sloped Ceiling Adapter

Adapts straight ceiling connectors for use on sloped ceilings up to 60°. For use with CRS2941, CRS2942, CRS2944, CRS586, CRS5862, CRS5864, and CRS5868. Attaches between down rod and ceiling flange.

Dim: 1-1/8"H
Finish: - AB, S



CRS297
Pendant Adapter

Allows use of Sirius "SP" series or Symphony "MRL" series pendants. 6-1/2lb. load capacity. Not for use with Sirius Varian series or aircraft cable pendants.

Dim: 2-1/2"H
Finish: - S



CRS752
Universal Pendant Adapter

Allows use of any coaxial cable pendant on Magellan Flexible Track (10-15lb. max.).

Dim: 3-1/2"H
Finish: - AB, S



CRS-MAGQR
Magellan Flexible Track Adapter

Connect QR-Series fixtures and pendants to Magellan Flexible Track. See pages 159-161 for our Quick Release fixtures.

Dim: 2-3/4"H
Finish: - AB, S

Canopies



CRS-QDC-S-ST
Universal Canopy without Transformer

CRS-QDCT-S-ST
Universal Canopy with LET60 Transformer

Connect any Magellan spot fixture (pages) to ceiling or wall. Covers a standard octagon junction box.

Dims.: 1-5/16"H x 4-3/8" Dia.
Finish: -S



CRS-CANOPY
Round Canopy

Covers a standard octagon ceiling box. Grommet protects low voltage cords. Use for track power feed from remote transformer.

Dims.: 1-5/16"H x 4-3/8" Dia.
Opening: 1/2"Dia.
Finish: - AB, S

T-Bar Grid Mounting Accessories



LA-1
15/16" Grid Stud Type T-Bar Mounting Clip
(2 per 2', 4', and 6' track, 3 per 8') 8-32 Stud.

LA-1C
9/16" Grid T-Bar Clip

LA-1CB
9/16" Grid Deep Tile T-Bar Clip

LA-1CB Spacer
Spacer (use with LA-1CB)

Replacement Parts



CRS END CAP
End caps for Magellan Flexible Track, (2) per set.
Finish: - AB, S

Accessory Finish Codes

AB - Antique Bronze S - Silver

Surface Mount Transformers



SA54T

Surface Mount Canopy with Built-in 300W Electronic Transformer

Use with Power Feeds. Covers a standard octagonal ceiling box.

Dims.: 2-1/2"H x 4-1/2"D

Finish: - PL



CRS318

Surface Mount Canopy 300W Torroidal Transformer Use CRS293 with this magnetic transformer (circuit breaker included). Covers a standard octagonal ceiling box.

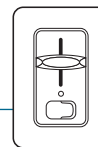
Use with Power Feeds. Covers a standard octagonal ceiling box.

Dims.: 7-1/8"W x 3-3/4"H

Finish: - AB, S

Electronic Transformer Protection

- Auto-reset electronic short circuit protection
- Auto-reset electronic overload protection
- Auto-reset thermal cut-off at 257°F
- The transformer will not work without a load
- 4 year guarantee
- UL listed



Dimming Controls

LVD-600M*

Dimming Control for use with Magnetic Transformers, 600VA, 450W (max.)

Finish: White

LVD-600M/3*

3-Way Dimming Control for use with Magnetic Transformers, 600VA, 450W (max.)

Finish: White

* (Wall Plate not supplied)

LVD-300E*

Dimming Control for use with Finish: White

LVD-300E/3*

3-Way Dimming Control, 300W (max.) use with Electronic Transformer with switching from two locations

Finish: White

Remote Transformers

LRT-181

120V/12V AC/180 Watts, 3-60 Watt, Fused Class II Circuits (max.)

5-7/64"L x 4-23/32"W x 1-11/16"H

Finish: -B (Black)

LRT-363

120V/12V AC/360 Watts, 6-60 Watt, Fused Class II Circuits (max.)

8-17/64"L x 4-23/32"W x 1-11/16"H

Finish: -B (Black)

LVT-150

150VA 120/12V Magnetic Transformer, Magnetic Circuit Breaker

3-1/2"L x 3-1/2"W x 13"H

Finish: Black

LVT-151

150W 120/12V Remote Electronic Transformer *Transformer must be within 12' of power stem*

6-1/2"L x 1-1/2"W x 1-3/8"H

Finish: Black

LVT-151 24V

150W 120/24V Remote Electronic Transformer *Transformer must be within 12' of power stem*

6-1/2"L x 1-1/2"W x 1-3/8"H

Finish: Black

LVT-175-DC

175 Watt DC 120/12V Remote Electronic Transformer

7-1/2"L x 1-1/2"W x 1-3/8"H

Finish: Black

LVT-300

300VA 120/12V Magnetic Transformer, Magnetic Circuit Breaker

4-3/8"L x 4"W x 13-3/8"H

Finish: Black

LVT-300 277V

300 Watt 277/12V Magnetic Transformer, Magnetic Circuit Breaker

4-3/8"L x 4"W x 13-3/8"H

Finish: Black

LVT-300-24

300 Watt 120/24V Magnetic Transformer, Magnetic Circuit Breaker

4-3/8"L x 4"W x 13-3/8"H

Finish: Black

LVT-303

300 Watt 120/12V Electronic Transformer *Transformer must be within 12' of power stem*

1-3/4"L x 1-1/2"W x 9-7/16"H

Finish: Black

LVT-303 24V

300 Watt 120/24V Electronic Transformer *Transformer must be within 12' of power stem*

1-3/4"L x 1-1/2"W x 9-7/16"H

Finish: Black

LVT-303-DC

300 Watt 120/12V Electronic DC Secondary Transformer

1-3/4"L x 1-1/2"W x 9-7/16"H

Finish: Black

LVT-500-C

(2) 250 Watt 120/12V Magnetic Transformers, (2) Magnetic Circuit Breakers, (1) Primary

4-3/8"L x 4-1/2"W x 12-3/8"H

Finish: Black

LVT-600-24

600 Watt 120/24V Magnetic Transformer, Magnetic Circuit Breaker

5-3/8"L x 4-3/4"W x 9-1/2"H

Finish: Black

LVT-600-277V-24

600 Watt 277/24V Magnetic Transformer, Magnetic Circuit Breaker

5-3/8"L x 4-3/4"W x 9-1/2"H

Finish: Black

LVT-600-C

(2) 300 Watt 120/12V Magnetic Transformers, (2) Magnetic Circuit Breakers, (1) Primary

5-1/4"L x 4-3/4"W x 14-1/4"H

Finish: Black

LVT-1200-C-24

(2) 600 Watt Circuits, 120/24V Magnetic Transformers, (2) Magnetic Circuit Breakers, (1) Primary

6"L x 5-1/2"W x 10-1/2"H

Finish: Black

Transformers/Voltage Drop Chart for Low Voltage Power Systems

When voltage and lamp brightness at the beginning of an illuminated section (close to the transformer) are higher than the voltage and lamp brightness at the end, the difference is known as "Voltage Drop."

For a proper low voltage lighting system, circuit runs must be of sufficient size wire to maintain a proper operating voltage to all lamps. Maximum allowable voltage drop should not exceed 5%.

For Electronic & Magnetic Transformer information see page 139.

Fixture Finish Codes

AB - Antique Bronze

PL - Platinum

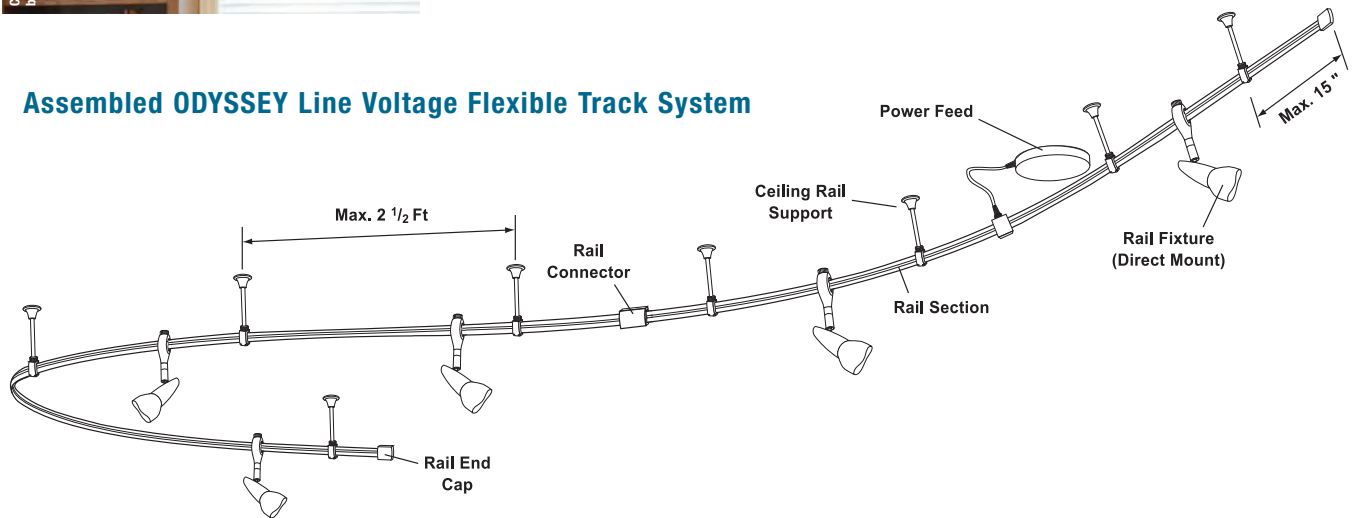
S - Silver





Con-Tech's Odyssey Line Voltage Flexible Track System delivers the beauty of track lighting with the benefits of a line voltage system that's easy to install and provides many lamp choices, including LED. It's great looking and when coupled with pendant shades from our Orchard Field collection, it's sure to enhance your lighting plans. **LED**

Assembled ODYSSEY Line Voltage Flexible Track System



LED Fixtures



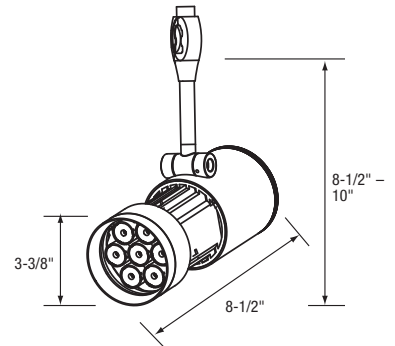
LED Odyssey Cylinder – 18W and 27W Dimmable

These 18W and 27W LED Odyssey track fixtures feature high lumen output LED modules that provide smooth, uniform beams. Select from spot, medium or flood beam distributions, in 2700K, 3000K and 3500K. Dimming is included and allows smooth illumination down to 10%. The sleek, cylindrical extruded aluminum housing includes vertically oriented fins engineered for optimal heat dissipation. Lockable, precision aiming enables 350° horizontal rotation and 180° vertical aiming adjustment.

Will accept one (1) LF18 lens or louver.

For compatible dimmers, see page 33.

Finish: - AB, S



Ordering Information:

LIR800

- 1 – 18W
- 2 – 27W

- S – Spot Beam
- M – Medium Beam
- F – Flood Beam

- 27 – 2700K
- 3 – 3000K
- 35 – 3500K

- D – Dimming

- AB – Antique Bronze
- S – Silver

ORDER EXAMPLE:

LIR8001M3D-AB

Fixture Finish Codes

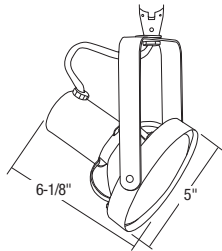
AB - Antique Bronze S - Silver



LIR2838
LED

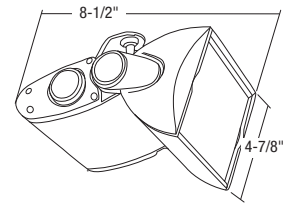
PAR38 Gimbal

Accepts (1) LF40 lens or louver with FA-2838 accessory clips
Lamp: 12W PAR38 LED lamp or 250W max., PAR38, E26 Medium Base, 120V
Finish: - AB, S



LIR70DE-WW **Stealth**

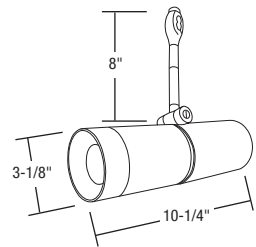
Accepts louver or 1 lens
Lamp: 70W T6 or TD-6, R7S RSC Base, 120V
Finish: - AB, S



LIR20MR
20W GE or Philips MR16 CMH

Accepts (1) LF16 lens or louver
Lamp: GX10 Twist & Lock Base
Finish: - AB, S

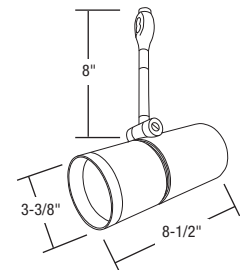
LIR39MR
39W GE or Philips (3911) MR16 CMH



LIR22PS - Spot Reflector
LIR22PM - Medium Reflector
LIR22PF - Flood Reflector
22W Philips T3.5 CMH

Accepts (1) LF18 lens or louver
Lamp: PGJ5 Twist & Lock Base
Finish: - AB, S

LIR39PS - Spot Reflector
LIR39PM - Medium Reflector
LIR39PF - Flood Reflector
39W Philips T3.5 CMH



NOTICE

"Ceramic" arc tube MH lamps are highly recommended. Both the lamp and ballast manufacturer should be consulted for compatibility (latest list of recommended lamp types) **before lamps are purchased.**

Fixture Finish Codes

AB - Antique Bronze S - Silver

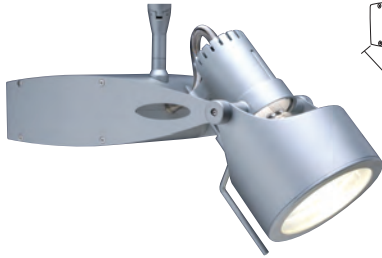


Metal Halide Fixtures

LIR830/20MH
20W PAR30LN CMH

LIR830/39MH
39W PAR30LN CMH

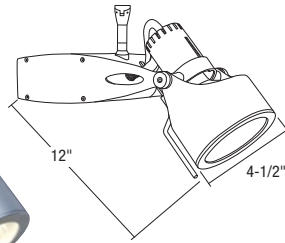
LIR830/70MH
70W PAR30LN CMH



Bolos

Accepts up to 2 lenses or louvers

Lamp: E26 Medium Base, 120V
Finish: - AB, S

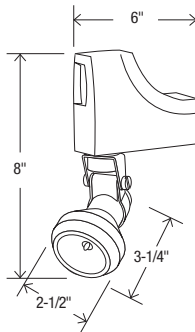


LIRH20MR
20W GE or Philips MR16 CMH

LIRH39MR
39W GE or Philips (3911)
MR16 CMH



Accepts (1) LF16 lens or louver
Lamp: GX10 Twist & Lock Base
Finish: - AB, S

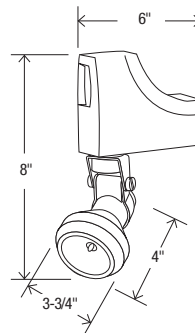


LIRH22PS - Spot Reflector
LIRH22PM - Medium Reflector
LIRH22PF - Flood Reflector
22W Philips T3.5 CMH

LIRH39PS - Spot Reflector
LIRH39PM - Medium Reflector
LIRH39PF - Flood Reflector
39W Philips T3.5 CMH



Accepts (1) LF18 lens or louver
Lamp: PGJ5 Twist & Lock Base
Finish: - AB, S

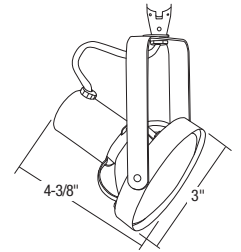


Incandescent Fixture

LIR2820

PAR20 Gimbal

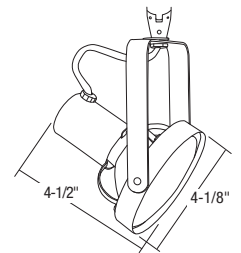
Accepts (1) LF20 86mm lens or louver with FA-28 accessory clips
Lamp: 50W max., PAR20, E26 Medium Base, 120V
Finish: - AB, S



LIR2830

PAR30 Gimbal

Accepts (1) LF30 lens or louver with FA-28 accessory clips
Lamp: 75W max., PAR30, E26 Medium Base, 120V
Finish: - AB, S

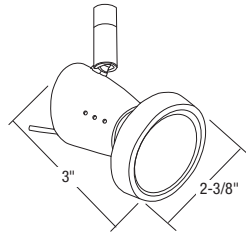


Fixture Finish Codes

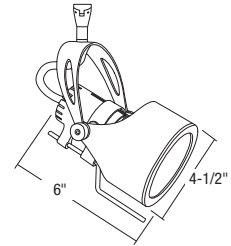
AB - Antique Bronze S - Silver



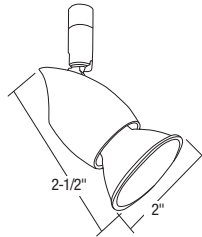
LIR4537 Risa with Ring
 Lamp: 50W max., PAR16,
 GU10 Base, 120V
 Finish: - AB, S



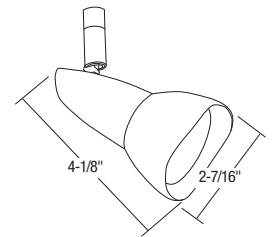
LIR830 Bolos
 Accepts up to 2 lenses
 or louvers
 Lamp: 75W max.,
 PAR30S/PAR30LN,
 E26 Medium Base, 120V
 Finish: - AB, S



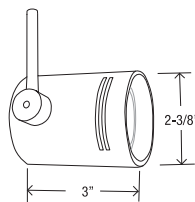
LIR298 Neat Spot
 Accepts up to 3 lenses or
 louvers with accessory holders
 FAS-16 or FASO-16
 Lamp: 50W max., PAR16,
 GU10 Base, 120V
 Finish: - AB, S



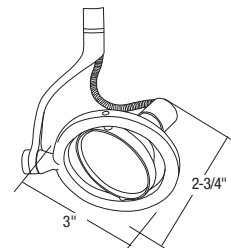
**LIR400 Ponti with
 Porcelain Shade**
 Lamp: 50W max., PAR16,
 GU10 Base, 120V
 Finish: - AB, S



LIR697 Bima Spot
 Lamp: 50W max., PAR16,
 GU10 Base, 120V
 Finish: - AB, S



LIR596 Lika Spot
 Accepts up to 2 lenses or louvers
 Lamp: 50W max., PAR16,
 GU10 Base, 120V
 Finish: - AB, S



Fixture Finish Codes

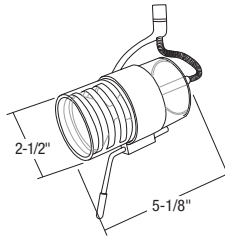
AB - Antique Bronze S - Silver



LIR1065

Varre

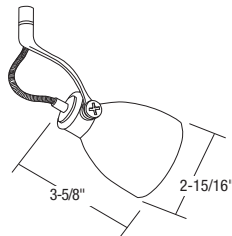
Glass tube accent with curved arm and removable side louver.
Lamp: 50W max., PAR16,
GU10 Base, 120V
Finish: -S



LIR44156

Radia-S

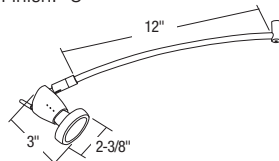
With Porcelain Shade
Lamp: 40W max., T4,
G9 Bi-pin Base, 120V
Finish: -S



LIR984

Risa Display Light with Ring

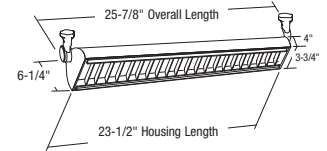
12" arm swivels to move spot fixture to either side of track.
Lamp: 50W max., PAR16,
GU10 Base, 120V
Finish: -S



LIR14224/HO

2' 2T5HO Wall Lighter

Fluorescent Fixture
Lamp: (2) 24W T5HO,
Mini Bi-pin Base
Finish: - AB, S



Option:

LA-14224-LENS

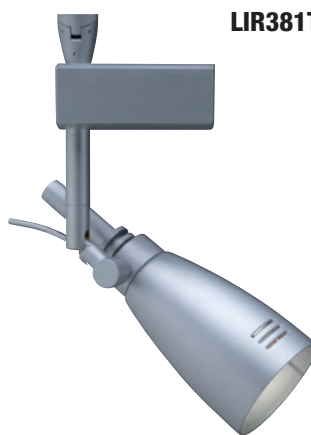
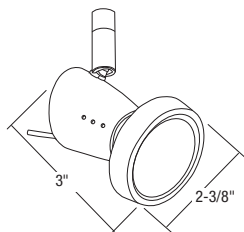
Internal snap-on lens cover for the LIR14224/HO Series UV filtering, high transmission frosted lens, curved design to fit within the reflector housing. Two snap-on clips. Over the lamp(s) gripping clip. Polycarbonate material. Designed for use in food handling situations.

Fixture Finish Codes

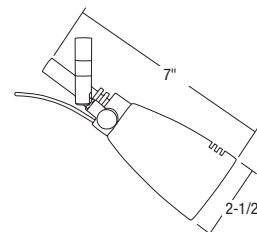
AB - Antique Bronze S - Silver



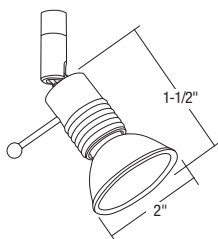
LIR4537T Risa with Ring
 Lamp: 50W max., MR16 FG,
 GU5.3 Base
 Finish: -S
 Transformer included



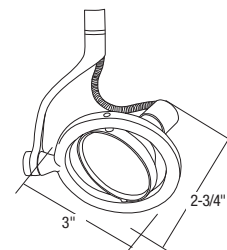
LIR381T Nica with Metal Shade
 Lamp: 35W max., MR16 FG,
 GU5.3 Base
 Finish: -S
 Transformer included



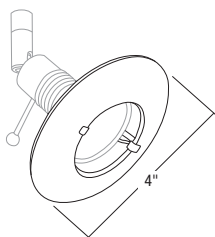
LIR129T Syros
 Accepts up to 3 lenses or
 louvers with accessory holders
 FAS-16 or FASO-16
 Lamp: 50W max., MR16 FG,
 GU5.3 Base
 Finish: -S
 Transformer included



LIR596T Lika Spot
 Lamp: 50W max., MR16 FG,
 GU5.3 Base
 Finish: -S
 Transformer included



CRS-SP130 Frosted White Glass Ring
 Glass accessory for Odyssey
 Syros (LIR129T). Clips included.



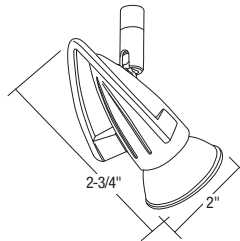
Fixture Finish Codes

S - Silver

For Antique Bronze Odyssey 12V Fixtures,
 see our Quick Release System on pages 159-161.



LIR140T Star Spot
 Without Shade
 Accepts up to 3 lenses or
 louvers with accessory holders
 FAS-16 or FASO-16
 Lamp: 50W max., MR16 FG,
 GU5.3 Base
 Finish: -S
 Transformer included



CRS-STAR- Shades for Star Spot

Lamp: 50W max., MR16 FG,
 GU5.3 Base
 Finish: - B, DC, W



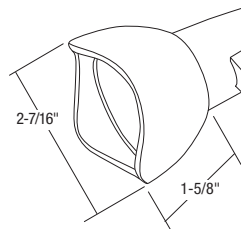
CRS-STAR-B



CRS-STAR-DC



CRS-STAR-W



Fixture Finish Codes

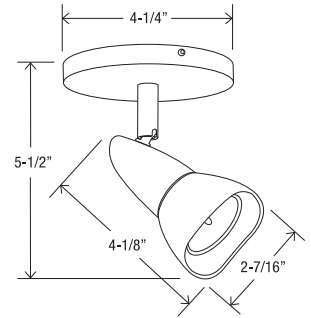
AB - Antique Bronze S - Silver

Shade Finish Codes

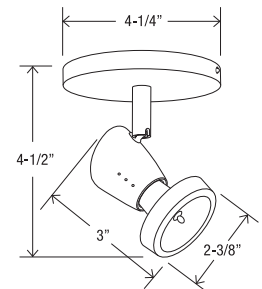
B - Blue DC - Die Cast/Silver W - Frosted White Glass



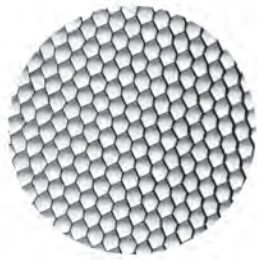
**LICM400 Ponti with
 Mono-Point Porcelain Shade**
 Lamp: 50W max., PAR16
 GU10 Base, 120V
 Finish: - AB, S



**LICM4537 Risa with Ring
 Mono-Point**
 Lamp: 50W max., PAR16
 GU10 Base, 120V
 Finish: - AB, S



For Antique Bronze Odyssey 12V Fixtures,
 see our Quick Release System on pages 159-161.



FA-16 50MM
Honeycomb Louver, Black
(For LIR596 and LIR596T. Use with FASO-16 on LIR129T, LIR140T, LIR281T, and LIR298.)
Diameter: 2"

LA-36
Honeycomb Louver, Black
(For LIR830, LIR830/20MH, LIR830/39MH, LIR830/70MH)



LA-38
Egg Crate Louver, Black
(For use with FA-28 clips for LIR2830.)

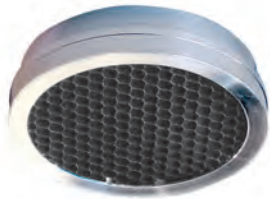
LA-39
Egg Crate Louver, Black
(For use with FA-2838 clips for LIR2838.)



LA-71
Vertical Blade Louver
(For LIR70DE-WW.)
Finish: -S



LA-816
Cut Off Baffle/Snoot, Black
1-3/8" Dia. x 1-3/16"L
(For use with FASO-16 on LIR129T, LIR140T, and LIR298.)



FAS-16
Aluminum Accessory Holder with Honeycomb Louver
(Accepts 3 Accessories)



FASO-16
Aluminum Accessory Holder
(Accepts 3 Accessories)



FA-28
Mounting Clip Accessory Holders
(For LIR2820, LIR2830 [3/pkg].)

FA-2838
Mounting Clip Accessory Holders
(For LIR2838 [3/pkg].)



Colored Glass Filters

LF16
2" Dia.
Finish: - A, B, G, LB, R, RO, Y

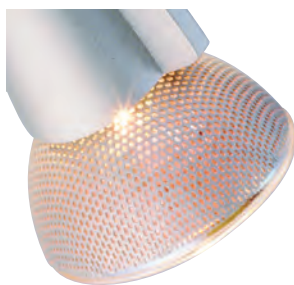
LF18
3-1/16" Dia.
Finish: - A, B, G, LB, R, RO, Y

LF20
3-3/4" Dia.
Finish: - A, B, G, LB, R, RO, Y

LF20_86MM
3-3/8" Dia.
Finish: - A, B, G, LB, R, RO, Y

LF30
4-11/16" Dia.
Finish: - A, B, G, LB, R, RO, Y

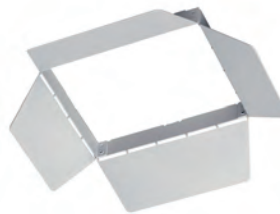
LF40
5-7/16" Dia.
Finish: - A, B, G, LB, R, RO, Y



CRS-MG
Silver Mesh Grill
(For use with any open lamp fixtures with MR16 FG lamps.)



THS-16
Thermal Heat Shield
(For LIR129T, LIR140T, and LIR4537T.)



BD70
Adjustable Barn Doors
(Use with LIR70DE-WW.)
5-5/8"W x 4-3/8"H
x 2-5/8" Extension, fits in front of the glass safety lens
Finish: -S

Accessory Finish Codes

S - Silver

Heat Treated Solid Color Glass Filter Finishes

A - Medium Amber
B - Medium Blue
G - Medium Green

LB - Light Blue
R - Red
RO - Rose/Pink

Y - Yellow

Fixture Accessories



Optical Filters

LF16

2" Dia.
Finish: - 73, CL, DPE, LS, SL, SOL, UV

LF18

3-1/16" Dia.
Finish: - 73, CL, DPE, LS, SL, UV

LF20

3-3/4" Dia.
Finish: - 73, CL, DPE, LS, MDP, SL,
UV, SOL

LF20_86MM

3-3/8" Dia.
Finish: - 73, LS, SL, UV

LF30

4-11/16" Dia.
Finish: - 73, CL, LS, SL, UV

LF40

5-7/16" Dia.
Finish: - 73, CL, LS, SL, UV

LF70I

Finish: - 73, CL, DPE, LS, SL, UV

Notes:

- DPE or Dichroic Peach filters warm CCT from 3000°K to 2700°K.
- MDP or Medium Dichroic Peach filters warm CCT from 5500K to 3800K.
- Linear spread lenses eliminate objectionable striations from some halogen lamps, and they re-direct the light spread into a linear pattern.
- Optivex™ is a trademark of Bausch & Lomb. UV filters reduce fading and discoloration in applications such as museums, art galleries, etc.

Odyssey Fixture/Accessory Compatibility Chart

	Accessory Holder	Amber Lens	Blue Lens	Clear Lens	Green Lens	Light Blue Lens	Red Lens	Rose Lens	Yellow Lens	Prismatic Spread Lens	Linear Spread Lens	Soft Light Lens	Optivex UV Lens	Dichroic Peach Lens	Honeycomb / Louver	Baffle/ Snoot	Silver Mesh Grill
LIR129T	FAS-16, FASO-16	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV		FA-16 50MM	LA-816	CRS-MG
LIR140T	FAS-16, FASO-16	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV		FA-16 50MM	LA-816	CRS-MG
LIR20MR		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE	FA-16 50MM		
LIR22PF		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE			
LIR22PM		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE			
LIR22PS		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE			
LIR2820	FA-28	LF20-A 86MM	LF20-B 86MM	LF20-CL 86MM	LF20-G 86MM	LF20-LB 86MM	LF20-R 86MM	LF20-RO 86MM	LF20-Y 86MM	LF20-73 86MM	LF20-LS 86MM	LF20-SL 86MM	LF20-UV 86MM				
LIR2830	FA-28	LF30-A	LF30-B	LF30-CL	LF30-G	LF30-LB	LF30-R	LF30-RO	LF30-Y	LF30-73	LF30-LS	LF30-SL	LF30-UV		LA-38		
LIR2838	FA-2838	LF40-A	LF40-B	LF40-CL	LF40-G	LF40-LB	LF40-R	LF40-RO	LF40-Y	LF40-73	LF40-LS	LF40-SL	LF40-UV		LA-39		
LIR298	FAS-16, FASO-16	LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV		FA-16 50MM	LA-816	
LIR39MR		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE	FA-16 50MM		
LIR39PF		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE			
LIR39PM		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE			
LIR39PS		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE			
LIR596		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV		FA-16 50MM		
LIR70DE-WW				LF70I-CL						LF70I-73	LF70I-LS	LF70I-SL	LF70I-UV	LF70I-DPE	LA-71-S		
LIR830		LF20-A	LF20-B	LIR830CG-S	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV		LA-36		
LIR830/20MH		LF20-A	LF20-B	LIR830CG-S	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE	LA-36		
LIR830/39MH		LF20-A	LF20-B	LIR830CG-S	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE	LA-36		
LIR830/70MH		LF20-A	LF20-B	LIR830CG-S	LF20-G	LF20-LB	LF20-R	LF20-RO	LF20-Y	LF20-73	LF20-LS	LF20-SL	LF20-UV	LF20-DPE	LA-36		
LIRH20MR		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE			
LIRH22PF		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-44		
LIRH22PM		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-44		
LIRH22PS		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-44		
LIRH39MR		LF16-A	LF16-B	LF16-CL	LF16-G	LF16-LB	LF16-R	LF16-RO	LF16-Y	LF16-73	LF16-LS	LF16-SL	LF16-UV	LF16-DPE			
LIRH39PF		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-44		
LIRH39PM		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-44		
LIRH39PS		LF18-A	LF18-B	LF18-CL	LF18-G	LF18-LB	LF18-R	LF18-RO	LF18-Y	LF18-73	LF18-LS	LF18-SL	LF18-UV	LF18-DPE	LA-44		

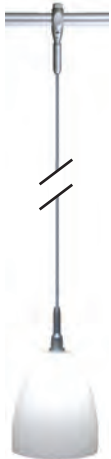
Optical Filter Finishes

73 - Prismatic Spread Lens
CL - Clear Lens
DPE - Dichroic Peach Lens
(Warm CCT from 3000°K to 2700°K)

LS - Linear Spread Lens
MDP - Medium Dichroic Peach Lens
(Warm CCT from 5500°K to 3800°K)

SL - Soft Light, Sandblasted Lens
SOL - Solite Lens
UV - Optivex UV Filter

- LIR7246-** 2' Pendant
- LIR7486-** 4' Pendant
- LIR7726-** 6' Pendant
- LIR7966-** 8' Pendant

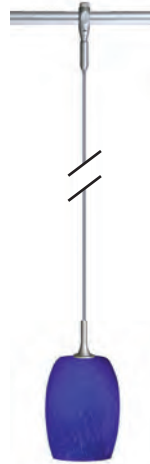
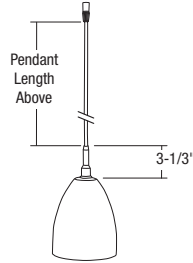


Shown with OFG201

Odyssey Flexible Track Pendants

For Gravity-Fit Shades
Semi-rigid cable wiring cover keeps cord straight for clean appearance. May be field modified for shorter lengths. Shades sold separately, see pages 194-207.

Lamp: 40W max., A15 E26
Medium Base
Finish: - AB, S

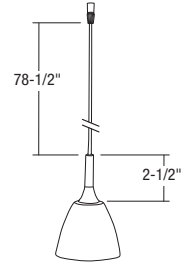


Shown with LA1633-B

LIR3296 Odyssey Flexible Track Pendant

For Lock-Fit Shades
Coaxial cord is 78-1/2" long with transparent silicone insulation. May be field modified for shorter lengths. Includes fingerglass, ring tool, and allen wrench. Shades sold separately, see pages 208-211.

Lamp: 40W max., T4,
G9 Bi-pin Base
Finish: - AB, S



Fixture Finish Codes

AB - Antique Bronze S - Silver

Power Stems



LIR777
4" Fixed Power Stem with Canopy
4" from ceiling to center of track.
Rating: 120V, 20A
Canopy Dims.:
1-5/16"H x 4-3/8" Dia.
Finish: - AB, S



LIR745 (7-1/2" to 11-1/2")
LIR7452 (14" to 24")
LIR7454 (26" to 48")
LIR7458 (50" to 96")
Adjustable Power Stems with Canopy
Includes allen wrench.
Floating Feed Rating: 120V, 20A
Canopy Dims.:
1-5/16"H x 4-3/8" Dia.
Finish: - AB, S

Odyssey Flexible Track and Machines



LIR590
Odyssey Curving Machine
Mounts to table or board with built-in clamp. Nylon rollers protect track finish.
Finish: -S



LIR4242
2' Track with End Caps
LIR4244
4' Track with End Caps
LIR4246
6' Track with End Caps
LIR4248
8' Track with End Caps
LIR42412
12' Track with End Caps
Anodized aluminum finish with insulated conductors, and copper ground wire throughout track (1"H).
Finish: - AB, S

Canopies and Power Supply Cords



LIR4278
Round Canopy with 19" Power Supply Cord
Side cord and low profile canopy. 12AWG wire. For Power Feed only, not support.
Rating: 120V, 20A
Dims.: 1"H x 4-5/8" Dia.
Finish: - AB, S



LIR42788
Round Canopy with 8' Power Supply Cord
LIR4278-6M
Round Canopy with 19'8" Power Supply Cord
Center down cord and standard canopy. 12AWG wire. Adjustable cord length. For Power Feed only, not support.
Rating: 120V, 20A
Dims.: 1-15/16"H x 4-3/8" Dia.
Finish: - AB, S



LIRCLD
Square Current Limiting Device with 8' Power Cord
LIRCLD6
Square Current Limiting Device with 19'8" Power Cord
Circuit Breaker Required, sold separately on page 103.
For Power Feed only, not support. 12AWG wire. Adjustable cord length.
Finish: -S

Accessory Finish Codes

AB - Antique Bronze S - Silver

Ceiling and Wall Connectors

All connectors feature 15/16" diameter ceiling flanges, mount in solid or grid ceilings, and includes allen wrench, concrete anchor, 8-32 brass nut and wood screw. Use 8-32 wall anchors, by others, for wallboard mounting.

Short Ceiling



LIR4255
Length: 3-5/16"
Finish: - AB, S

Ceiling



LIR4251
Length: 4"
LIR4252
Length: 7-7/8"
Finish: - AB, S

Adjustable Ceiling



LIR589
Range: 7-1/2" to 11-1/2"
Finish: - AB, S

Adjustable Sloped Ceiling



LIR779
Range: 8-5/16" to 11-1/2"
LIR7792
Range: 14-1/2" to 24"
LIR7794
Range: 26-1/2" to 48"
LIR7798
Range: 50-1/2" to 96"
For use on sloped ceilings
up to 60°
Finish: - AB, S

Cable Ceiling



LIR879
Length: 8'
LIR879-6M
Length: 19'8"
Finish: - AB, S

Adjustable Wall



LIR778
Range: 5-3/4" to 9"
LIR7782
Range: 14" to 24"
LIR7782 has an adjustable
cable support to hold longer
mounting positions.
Finish: - AB, S

Track Connectors



LIR426
Track Connections
Conductive (120V, 20A)
LIR601
Track Connections
Non-Conductive
Nickel plated allen screws,
includes allen wrench.
Dims.: 2-7/16"L
Finish: - AB, S



LIR742
Flexible Track Connection
Includes nickel plated allen
screws and allen wrench. Can
bend through angles of 135.°
Rating: 120V, 20A
Dims.: 9-1/4"L
Finish: - AB, S

Accessory Finish Codes

AB - Antique Bronze S - Silver

Adapters



LIR20MHE 20W MH Ballast

LIR39MHE 39W MH Ballast

LIR70MHE 70W MH Ballast Arotech Metal Halide Fixture Adapter/Ballast Compartment

Allows use of all Con-Tech Arotech Metal Halide Track Fixtures (see pages 50-51 for Arotech fixtures). **See page 56 for ordering instructions.** Offers on/off switch and provides push-in wire connectors between adapter and fixture.

Dims: 7-3/4"L x 2"W x 4-1/4"H
Finish: -S



CRS-ODYQR

Odyssey Flexible Track Adapter

Connect QR-Series fixtures and pendants to Odyssey Flexible Track (see pages 159-161 for Quick Release Series products). Transformer included.

Dims.: 3-1/4"L x 5"H
Finish: - AB, S



CRS-ODYQRD

Odyssey Flexible Track Adapter with LED Driver

Connect 3W or 6W LED pendants to Odyssey Flexible Track Systems (see page 161). LED driver included.

Dims.: 3-1/4"L x 5"H
Finish: - AB, B, P, S



LIR59875

Universal Fixture Adapter

Single track adapter mount. Allows use of Con-Tech "CTL" series track fixtures (see pages 22-90 for track fixtures) 3" drop from center of the track. Not required for standard Odyssey fixtures. 10lb. load capacity.

Dim.: 4"H
Finish: - AB, S



LIR755

Universal Pendant Adapter

Allows use of any line voltage pendant on Odyssey Flexible Track (10-15lb. max.).

Dim.: 5-1/4"H
Finish: - AB, S

T-Bar Grid Mounting Accessories



LA-1

15/16" Grid Stud Type T-Bar Mounting Clip (2 per 2', 4', and 6' track, 3 per 8') 8-32 Stud.

LA-1C

9/16" Grid T-Bar Clip

LA-1CB

9/16" Grid Deep Tile T-Bar Clip

LA-1CB Spacer

Spacer (use with LA-1CB)

Replacement Parts



LIR END CAP

Insulated End caps for Odyssey Flexible Track, (2) per set. Finish: - AB, S

Accessory Finish Codes

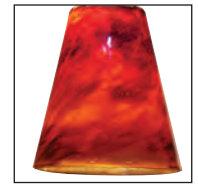
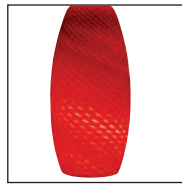
AB - Antique Bronze

B - Black

P - White

S - Silver





d e c o r a t i v e s h a d e s

- orchard field decorative shade collection
 - gravity-fit pendant shades
 - lock-fit pendant shades
- sirius glass collection
- shade-pendant compatibility charts

Con-Tech Lighting has a wide variety of decorative shades to give you unlimited design possibilities. Whether the application calls for Sirius, Odyssey or Magellan Flexible Track Systems, traditional Track or Symphony Mini-Track Systems, or even Mono-point Ceiling Pendants, our decorative shades are compatible with all of our lighting systems.

We offer two shade collections:



A contemporary mix of colors and styling including glass, metal and fabric, and paper selections.

sirius®

Imported European glass shades offer exquisite sparkle and designs.

Pendant Fixture Compatibility

Lock-Fit Shade and Socket Assembly

Lock-Fit shades are attached under the socket assembly and locked in place with a nut provided with pendant
LIR3296 Pendant and CTS354-Series Shade Shown
 25mm opening

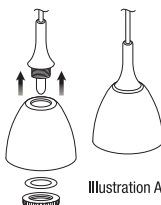


Illustration A

Gravity-Fit Shade and Socket Assembly

Gravity-Fit shades are attached over cable and rest on socket flange
MRL-164N Pendant and OFG201 Shade Shown
 28-30mm opening

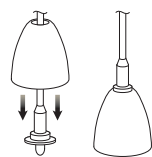


Illustration B

Our collections are made up of two different shade/socket assemblies. For easy reference our shades are organized throughout this catalog by either "Lock-Fit" (see illustration A) or "Gravity-Fit" (see illustration B) designations. The Orchard Field Collection includes shades that use either a "Lock-Fit" shade assembly or a "Gravity-Fit" shade assembly. To answer any compatibility questions see our Shade-Pendant Compatibility Charts on page 214-215. Pendants can be field cut to length.

Orchard Field
COLLECTION

Gravity-Fit Fabric



Square Fabric
Page 194



Drum Fabric
Page 195



Cylinder Fabric
Page 196

Gravity-Fit Glass



Cone (Small)
Page 197



Cone (Large)
Page 197



Flared and Trimmed
Page 198



Cylinder
Page 198



Oval
Page 199



Scalloped
Page 199



Globe
Page 200



Drip
MLA114K
Page 200



Etch
MLA115K
Page 201



Vortex
MLA113
Page 201



Ribbed Cylinder
MLA110
Page 202



Ellipse
MLA106
Page 202



Deco Scale Ellipse
MLA111
Page 203



Oval (Frit)
MLA107
Page 203



Deco Scale Oval
MLA112
Page 204



Cylinder
OFG100
Page 204



Bell
OFG200
Page 205



Bullet
OFG300
Page 205



Tall Tulip (Case)
MLA108
Page 206



Tall Tulip (Satin)
MLA109
Page 206



Flat Metal Cone
MLA142
Page 207



Luminous
Parchment Wrap
MLA248
Page 207

OrchardField
COLLECTION

Lock-Fit Glass



Drizzle
LA1635
Page 208



Cone (Satin)
LA1634
Page 208



Ellipse
LA1632
Page 209



Oval (frit)
LA1633
Page 209



Tulip
SL9006N
Page 210



Aleo
CTS354
Page 210



Treo
CTS349
Page 211



Theros
CTS351
Page 211

sirius®

Sirius Glass



Pia
Page 213



Romeo
Page 213



Carat
Page 213



Shine
Page 213



Large Tulip
Page 213



Fluted Tulip
Page 213



Tulip
Page 213



Spot Glass Shade
Page 213



Optic
Page 213



Cris
Page 213



Orchard Field

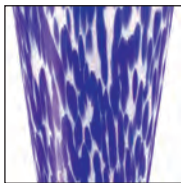
COLLECTION



Con-Tech's Orchard Field Collection, known for its contemporary shapes and colors, offers a wide range of handsome shades for virtually any application. Each patterned Orchard Field shade possesses a unique design variation.



Cylinder Glass Series OFG100 includes mounting rings for Gravity-Fit and Lock-Fit Pendants. See shade-pendant compatibility charts on pages 214-215.

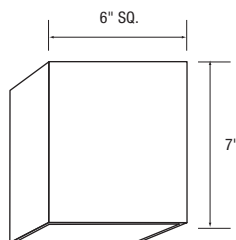




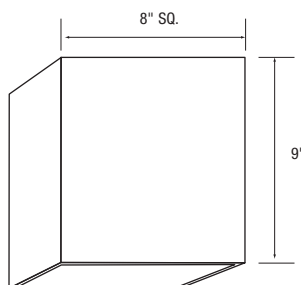
Orchard Field Fabric Shades – Square

The Orchard Field line of decorative pendant shades are available in a Square, Drum and Cylinder shape with six (6) standard fabrics to choose from. Designed for use with many of our standard pendant products, these modern shades will add a rich, elegant feel to any interior space.

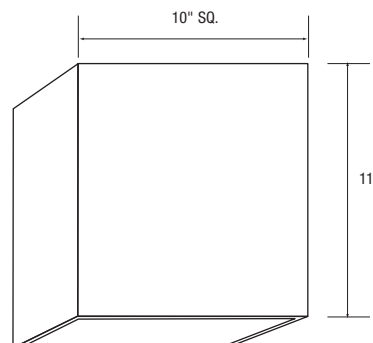
All three (3) shapes are available in three (3) sizes with an optional acrylic bottom diffuser for enhanced visual comfort.



OFFSQA



OFFSQB



OFFSQC

Ordering Information:

OFFSQ

- A** – 6" x 6" x 7"
- B** – 8" x 8" x 9"
- C** – 10" x 10" x 11"

- 1** – Linen
- 2** – Sand
- 3** – Slate
- 4** – Chocolate
- 5** – Maroon
- 6** – Embroidered

ORDER EXAMPLE :

OFFSQA1

Acrylic Diffusers

- OFFDIFSQ6** – 6" x 6"
- OFFDIFSQ8** – 8" x 8"
- OFFDIFSQ10** – 10" x 10"

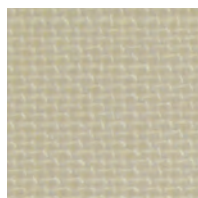
Compatible Shades

- OFFSQA**
- OFFSQB**
- OFFSQC**

Fabric Finish Codes



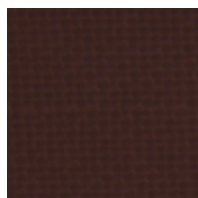
1 - Linen



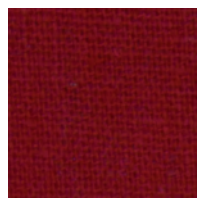
2 - Sand



3 - Slate



4 - Chocolate



5 - Maroon

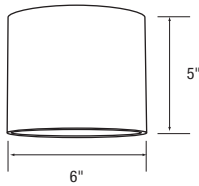


6 - Embroidered

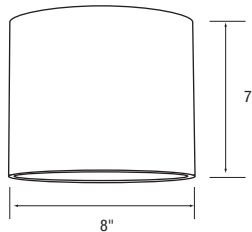
Orchard Field Fabric Shades – Drum

The Orchard Field line of decorative pendant shades are available in a Square, Drum and Cylinder shape with six (6) standard fabrics to choose from. Designed for use with many of our standard pendant products, these modern shades will add a rich, elegant feel to any interior space.

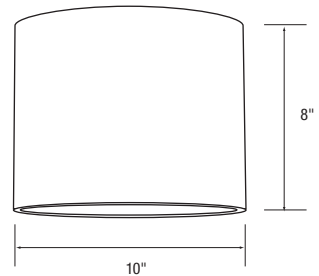
All three (3) shapes are available in three (3) sizes with an optional acrylic bottom diffuser for enhanced visual comfort.



OFFDRA



OFFDRB



OFFDRC

Ordering Information:

OFFDR

- | | |
|--------------------------|------------------------|
| A – 6" Dia. x 5" | 1 – Linen |
| B – 8" Dia. x 7" | 2 – Sand |
| C – 10" Dia. x 8" | 3 – Slate |
| | 4 – Chocolate |
| | 5 – Maroon |
| | 6 – Embroidered |

ORDER EXAMPLE:

OFFDRA1

Acrylic Diffusers

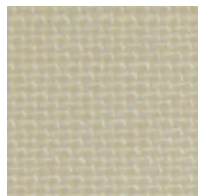
Compatible Shades

- | | |
|------------------------------|---------------|
| OFFDIFRD6 – 6" Dia. | OFFDRA |
| OFFDIFRD8 – 8" Dia. | OFFDRB |
| OFFDIFRD10 – 10" Dia. | OFFDRC |

Fabric Finish Codes



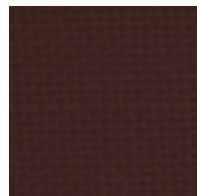
1 - Linen



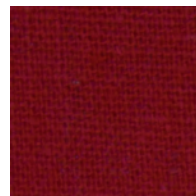
2 - Sand



3 - Slate



4 - Chocolate



5 - Maroon



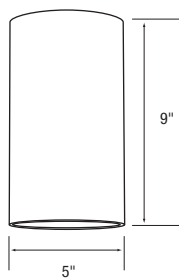
6 - Embroidered



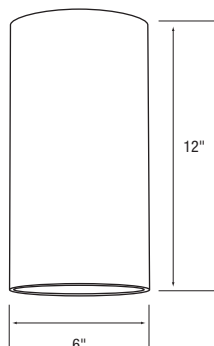
Orchard Field Fabric Shades – Cylinder

The Orchard Field line of decorative pendant shades are available in a Square, Drum and Cylinder shape with six (6) standard fabrics to choose from. Designed for use with many of our standard pendant products, these modern shades will add a rich, elegant feel to any interior space.

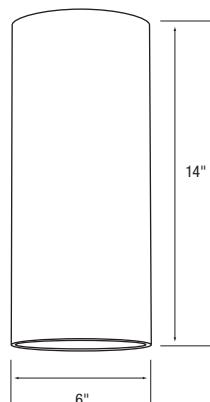
All three (3) shapes are available in three (3) sizes with an optional acrylic bottom diffuser for enhanced visual comfort.



OFFCYA



OFFCYB



OFFCYC

Ordering Information:

OFFCY

- A** – 5" Dia. x 9"
- B** – 6" Dia. x 12"
- C** – 6" Dia. x 14"

- 1** – Linen
- 2** – Sand
- 3** – Slate
- 4** – Chocolate
- 5** – Maroon
- 6** – Embroidered

ORDER EXAMPLE:

OFFCYA1

Acrylic Diffusers

- OFFDIFRD5** – 5" Dia.
- OFFDIFRD6** – 6" Dia.

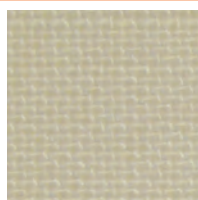
Compatible Shades

- OFFCYA**
- OFFCYB and OFFCYC**

Fabric Finish Codes



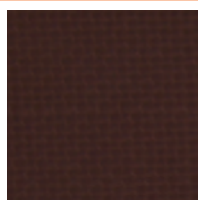
1 - Linen



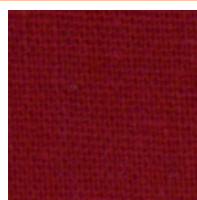
2 - Sand



3 - Slate



4 - Chocolate



5 - Maroon



6 - Embroidered



RCG123



RCG673



RCG563



RCG893



RCG783

Hand Crafted Cone (Small)

- RCG123** Optic Swirl *Ivory*
- RCG563** Tortoise Shell *Amber Wave*
- RCG673** Pineapple Twist *Double-Optic*
- RCG783** Blue Optic Swirl *Cobalt Blue*
- RCG893** Scarlet Night *Optic Spot*

Orchard Field Glass shades are compatible with Gravity-Fit pendants. See shade-pendant compatibility charts on page 214.



RCG124



RCG564



RCG674



RCG784



RCG894

Hand Crafted Cone (Large)

- RCG124** Optic Swirl *Ivory*
- RCG564** Tortoise Shell *Amber Wave*
- RCG674** Pineapple Twist *Double-Optic*
- RCG784** Blue Optic Swirl *Cobalt Blue*
- RCG894** Scarlet Night *Optic Spot*



RCG122



RCG562



RCG782



RCG892



RCG672

Hand Crafted Flared & Trimmed

- RCG122** Optic Swirl *Ivory*
- RCG562** Tortoise Shell *Amber Wave*
- RCG672** Pineapple Twist *Double-Optic*
- RCG782** Blue Optic Swirl *Cobalt Blue*
- RCG892** Scarlet Night *Optic Spot*

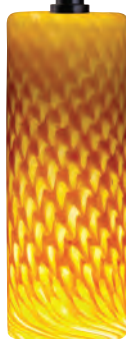
Orchard Field Glass shades are compatible with Gravity-Fit pendants. See shade-pendant compatibility charts on page 214.



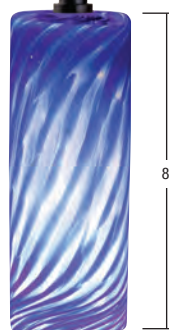
RCG125



RCG565



RCG675



RCG785



RCG895

Hand Crafted Cylinder

- RCG125** Optic Swirl *Ivory*
- RCG565** Tortoise Shell *Amber Wave*
- RCG675** Pineapple Twist *Double-Optic*
- RCG785** Blue Optic Swirl *Cobalt Blue*
- RCG895** Scarlet Night *Optic Spot*



RCG126



RCG566



RCG676



RCG786



RCG896

Hand Crafted Oval

- RCG126** Optic Swirl *Ivory*
- RCG566** Tortoise Shell *Amber Wave*
- RCG676** Pineapple Twist *Double-Optic*

- RCG786** Blue Optic Swirl *Cobalt Blue*
- RCG896** Scarlet Night *Optic Spot*

Orchard Field Glass shades are compatible with Gravity-Fit pendants. See shade-pendant compatibility charts on page 214.



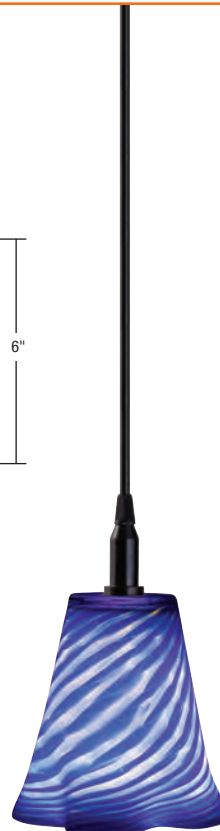
RCG128



RCG568



RCG678



RCG788



RCG898

Hand Crafted Scalloped

- RCG128** Optic Swirl *Ivory*
- RCG568** Tortoise Shell *Amber Wave*
- RCG678** Pineapple Twist *Double-Optic*
- RCG788** Blue Optic Swirl *Cobalt Blue*
- RCG898** Scarlet Night *Optic Spot*



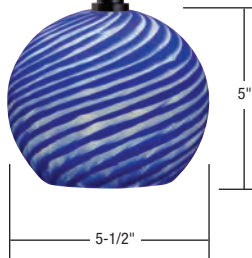
RCG129



RCG569



RCG679



RCG789



RCG899

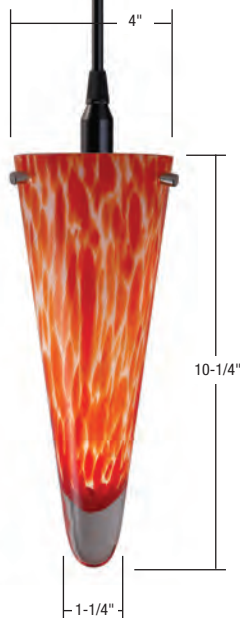
Hand Crafted Globe

- RCG129** Optic Swirl *Ivory*
- RCG569** Tortoise Shell *Amber Wave*
- RCG679** Pineapple Twist *Double-Optic*
- RCG789** Blue Optic Swirl *Cobalt Blue*
- RCG899** Scarlet Night *Optic Spot*

Orchard Field Glass shades are compatible with Gravity-Fit pendants. See shade-pendant compatibility charts on page 214.



MLA114K-B



MLA114K-R



MLA114K-W

Drip (Frit Glass)

- MLA114K-B** Blue
- MLA114K-R** Red
- MLA114K-W** White



MLA115K-AP



MLA115K-B



MLA115K-BL



MLA115K-R

Etch (Case Glass)

- MLA115K-AP** Amber
- MLA115K-B** Blue
- MLA115K-BL** Black
- MLA115K-R** Red

Orchard Field Glass shades are compatible with Gravity-Fit pendants. See shade-pendant compatibility charts on page 214.



MLA113-BW



MLA113-WB



MLA113-WW

Vortex (Case Glass)

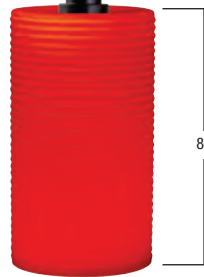
- MLA113-BW** Black Engraved
- MLA113-WB** White with Black Swirls
- MLA113-WW** White Engraved



MLA110-AP



MLA110-B



MLA110-R



MLA110-W

Ribbed Cylinder (Case Glass)

- MLA110-AP** Amber
- MLA110-B** Blue
- MLA110-R** Red
- MLA110-W** White

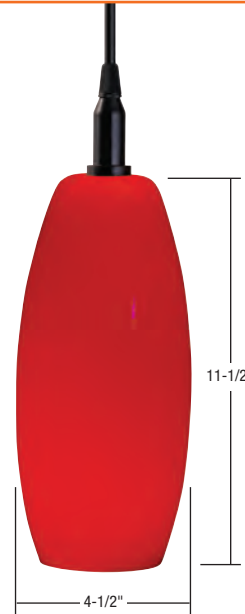
These Orchard Field Glass shades are compatible with Gravity-Fit pendants. See shade-pendant compatibility charts on page 214.



MLA106-AP



MLA106-B



MLA106-R



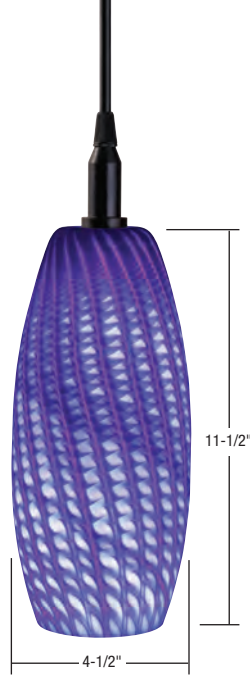
MLA106-W

Ellipse (Case Glass)

- MLA106-AP** Amber
- MLA106-B** Blue
- MLA106-R** Red
- MLA106-W** White



MLA111-AP



MLA111-B



MLA111-R



MLA111-W

Deco Scale Ellipse

- MLA111-AP** Amber
- MLA111-B** Blue
- MLA111-R** Red
- MLA111-W** White

These Orchard Field Glass shades are compatible with Gravity-Fit pendants. See shade-pendant compatibility charts on page 214.



MLA107-AP



MLA107-B



MLA107-R



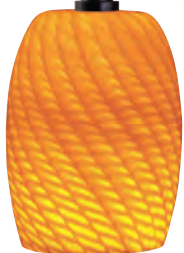
MLA107-W

Oval (Frit Case Glass)

- MLA107-AP** Amber
- MLA107-B** Blue
- MLA107-R** Red
- MLA107-W** White



non-illuminated



MLA112-AP



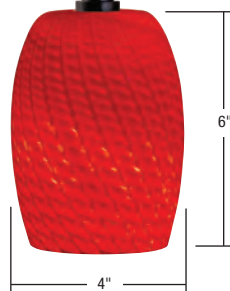
non-illuminated



MLA112-B



non-illuminated



MLA112-R



non-illuminated



MLA112-W

Deco Scale Oval

- MLA112-AP** Amber
- MLA112-B** Blue
- MLA112-R** Red
- MLA112-W** White

These Orchard Field Glass shades are compatible with Gravity-Fit pendants. See shade-pendant compatibility charts on page 214.



OFG101



OFG102



OFG103



OFG107



OFG108

Cylinder (Case Glass with Chrome Ring Mount)

- OFG101** White Frost
- OFG102** Blueberry
- OFG103** Mango Sunset
- OFG107** Amber
- OFG108** Red



OFG201



OFG202



OFG203



OFG207



OFG208

Bell (Case Glass)

- OFG201** White Frost
- OFG202** Blueberry
- OFG203** Mango Sunset
- OFG207** Amber
- OFG208** Red

These Orchard Field Glass shades are compatible with Gravity-Fit pendants. See shade-pendant compatibility charts on page 214



OFG301



OFG302



OFG303



OFG307



OFG308

Bullet (Case Glass)

- OFG301** White Frost
- OFG302** Blueberry
- OFG303** Mango Sunset
- OFG307** Amber
- OFG308** Red

Orchard Field
COLLECTION



MLA108-B



MLA108-F



MLA108-G



MLA108-R



MLA108-Y

Tall Tulip (Case Glass)

- MLA108-B** Blue
- MLA108-F** Frost
- MLA108-G** Green
- MLA108-R** Red
- MLA108-Y** Yellow

These Orchard Field Glass shades are compatible with Gravity-Fit pendants. See shade-pendant compatibility charts on page 214.



MLA109-B



MLA109-F



MLA109-G



MLA109-R



MLA109-Y

Tall Tulip (Satin Glass)

- MLA109-B** Blue
- MLA109-F** Frost
- MLA109-G** Green
- MLA109-R** Red
- MLA109-Y** Yellow



MLA142-B



MLA142-S

Flat Metal Cone

- MLA142-B** Black
- MLA142-S** Silver

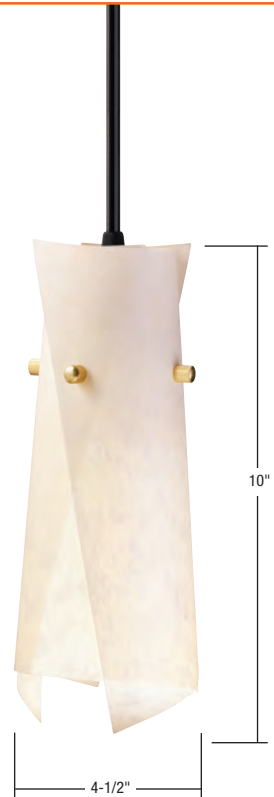
These Orchard Field Glass shades are compatible with Gravity-Fit pendants. See shade-pendant compatibility charts on page 214.



MLA248-B



MLA248-F



MLA248-N

Luminous Parchment Wrap Shade

- MLA248-B** Beige Parchment Paper
- MLA248-F** White Frosted Plastic
- MLA248-N** Natural Tan Parchment Paper

Supplied with brass hardware. Optional chrome external hardware is available (MLA248-CHR NUTS). **35W max.**



LA1635-AP



LA1635-B



LA1635-BL



LA1635-R

Drizzle (Case Glass)

- LA1635-AP** Amber
- LA1635-B** Blue
- LA1635-BL** Black
- LA1635-R** Red

These Orchard Field Glass shades are compatible with Lock-Fit pendants. See shade-pendant compatibility charts on page 215.



LA1634-A



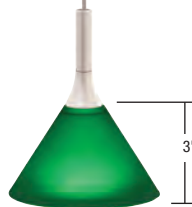
LA1634-B



LA1634-F



LA1634-PR



LA1634-G



LA1634-R

Cone (Satin Glass)

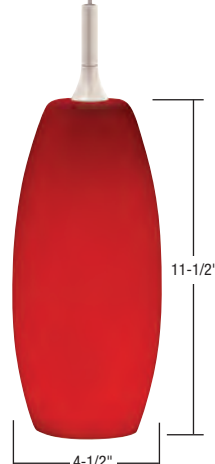
- LA1634-A** Amber
- LA1634-B** Blue
- LA1634-F** Frost
- LA1634-G** Green
- LA1634-PR** Purple
- LA1634-R** Red



LA1632-AP



LA1632-B



LA1632-R



LA1632-W

Ellipse (Case Glass)

- LA1632-AP** Amber
- LA1632-B** Blue
- LA1632-R** Red
- LA1632-W** White

These Orchard Field Glass shades are compatible with Lock-Fit pendants. See shade-pendant compatibility charts on page 215.



LA1633-AP



LA1633-B



LA1633-R



LA1633-W

Oval (Frit Case Glass)

- LA1633-AP** Amber
- LA1633-B** Blue
- LA1633-R** Red
- LA1633-W** White

Orchard Field

COLLECTION



SL9006N-A



SL9006N-CB



SL9006N-F



SL9006N-G



SL9006N-R



SL9006N-Y

Tulip (Satin Glass)

- SL9006N-A** Antique Ivory
- SL9006N-CB** Cobalt Blue
- SL9006N-F** Frost
- SL9006N-G** Green
- SL9006N-R** Red
- SL9006N-Y** Yellow

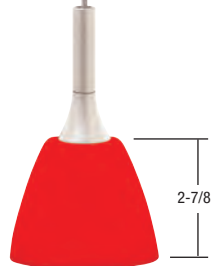
These Orchard Field Glass shades are compatible with Lock-Fit pendants. See shade-pendant compatibility charts on page 215.



CTS354-SB



CTS354-SO



CTS354-SR



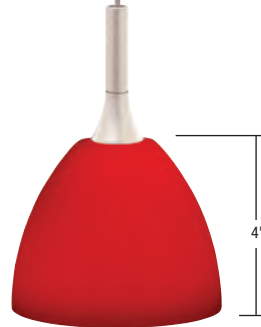
CTS354-SW

Aleo

- CTS354-SB** Satin Blue
- CTS354-SO** Satin Amber
- CTS354-SR** Satin Red
- CTS354-SW** Satin White



CTS349-SB



CTS349-SR



CTS349-SW

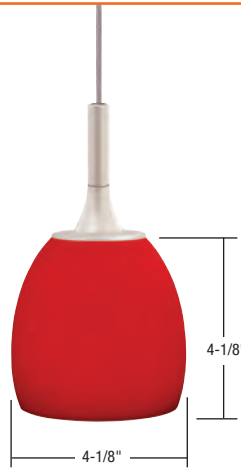
Treo

- CTS349-SB** Satin Blue
- CTS349-SR** Satin Red
- CTS349-SW** Satin White

These Orchard Field Glass shades are compatible with Lock-Fit pendants. See shade-pendant compatibility charts on page 215.



CTS351-SB



CTS351-SR



CTS351-SW



CTS351-SY

Theros

- CTS351-SB** Satin Blue
- CTS351-SR** Satin Red
- CTS351-SW** Satin White
- CTS351-SY** Satin Yellow



Residential photo by Con-Tech Lighting.



SP7703
Pia

Max Lamp: 20W, 12V, T3,
G4 Base, Low Pressure
Halogen
Ivory glass shade
Dims.: 9-7/16"H x 2"W
Complete fixture, page 265



SP7704
Romeo

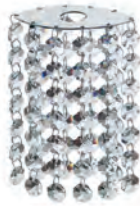
Coffee swirl tulip glass shade
Dims.: 6-7/8"H x 3-1/4"W
Complete fixture, page 264

An exquisite collection of contemporary shapes and colors for virtually any application. This glass is for use only on Sirius brand fixtures. Use 50W (max.) MR16 FG, low pressure T4 Halogen, or Xenon lamps (clear or frosted) for all glass accessories, except where noted.



SP7701 - Amber Glass
SP7702 - Clear Glass
SP7707 - Blue Glass
SP7708 - Smoke Glass
Carat

Jewel like glass crystal
Dims.: 6-1/4"H x 1-1/2"W
Complete fixture, page 264



SL9038-C
Shine

Crystal Glass Accents
Dims.: 5-1/2"H x 3-5/32"W
Use with Nino or Nano,
pages 270



SL9037
Large Tulip

Dims.: 6-57/64"H x 3-3/16"W
Use with Nino or Nano,
pages 270



SL9016-
Fluted Tulip

Dims.: 3-1/4"H x 3-1/8"W
Use with Nino or Nano,
pages 270
Finishes:
CB - Cobalt Blue,
CC - Crystal Clear
F - Frosted



SL9006N-
Tulip

Dims.: 3-1/2"H x 3-1/8"W
Use with Nino or Nano,
pages 270
Finishes:
A - Antique Ivory Satin
CB - Cobalt Blue Satin
F - Frosted
G - Green Satin
R - Red Satin
Y - Yellow Satin



SL9010-
Spot Glass Shade

Dims.: 1-3/4"H x 2-1/4"W
Use with Nino or Nano,
pages 270
Finish:
F - Frosted



SL0100
Optic

Dims.: 4-1/4"H x 2-1/2"W
Use with Optic Pendant,
page 267



SL9004-CRIS
Cris

Dims.: 2-3/4"H x 2"W
Use with Cris Pendant,
pages 268-269

Con-Tech Lighting provides these compatibility charts to verify that the appropriate decorative glass fits the correct pendants for your lighting system. After selecting the glass, review the chart that pertains to the type of glass you've chosen (Gravity-Fit or Lock-Fit). Look for the appropriate lighting system (Magellan, Odyssey, Symphony, or Track), and the compatible pendant part numbers and descriptions will be listed.

GRAVITY-FIT PENDANT COMPATIBILITY CHART

Shade Series (Part Series)	Pendant Product Line	Pendant Usage (Part Series)	Pendant Finish	Pendant Description	Lamp Voltage	Max. Recommended Lamp on Pendant*
MLA106, MLA107, MLA108, MLA109, MLA110, MLA111, MLA112, MLA113, MLA115K, MLA248, OFG Series, RCG122, RCG124, RCG125, RCG126, RCG128, RCG232, RCG234, RCG235, RCG236, RCG238, RCG342, RCG344, RCG345, RCG346, RCG348, RCG562, RCG564, RCG565, RCG566, RCG568, RCG672, RCG674, RCG675, RCG676, RCG678, RCG782, RCG784, RCG785, RCG786, RCG788, RCG892, RCG894, RCG895, RCG896, RCG898, RCG902, RCG904, RCG905, RCG906, RCG908	Mono-Point	RLMAC1596	B, P, S	Canopy Pendant, 8' Pendant w/ Bicycle Cable	120V	60W A15 E26, 40W with MLA248
MLA106, MLA107, MLA108, MLA109, MLA110, MLA111, MLA112, MLA113, MLA115K, OFG Series, RCG122, RCG124, RCG125, RCG126, RCG128, RCG232, RCG234, RCG235, RCG236, RCG238, RCG342, RCG344, RCG345, RCG346, RCG348, RCG562, RCG564, RCG565, RCG566, RCG568, RCG672, RCG674, RCG675, RCG676, RCG678, RCG782, RCG784, RCG785, RCG786, RCG788, RCG892, RCG894, RCG895, RCG896, RCG898, RCG902, RCG904, RCG905, RCG906, RCG908	Odyssey	LIR7246	AB, S	2' Pendant w/Bicycle Cable & Rail Adapter	120V	40W A15, E26 medium
		LIR7486		4' Pendant w/Bicycle Cable & Rail Adapter		
		LIR7726		6' Pendant w/Bicycle Cable & Rail Adapter		
		LIR7966		8' Pendant w/Bicycle Cable & Rail Adapter		
MLA106, MLA107, MLA108, MLA109, MLA110, MLA111, MLA112, MLA113, MLA114K, MLA115K, MLA142, MLA248, OFG Series, RCG Series	Quick Release	CRS7246QR CRS7246LEDQR CRS7247LEDQR	B, P, S, AB	2' Coaxial Wire, Silicone Insulation	12V or 24V	50W MR16/FG GU5.3 or 50W T5 Xelogen or 50W T4 Halogen GY6.35/3W LED 6W LED
		CRS7486QR CRS7486LEDQR CRS7487LEDQR		4' Coaxial Wire, Silicone Insulation		
		CRS7726QR CRS7726LEDQR CRS7727LEDQR		6' Coaxial Wire, Silicone Insulation		
		CRS7966QR CRS7966LEDQR CRS7967LEDQR		8' Coaxial Wire, Silicone Insulation		
MLA106, MLA107, MLA108, MLA109, MLA110, MLA111, MLA112, MLA113, MLA114K, MLA115K, MLA142, MLA248, OFG Series, RCG Series	Symphony	MRL-162N-	B, P, S	2' Pendant w/Bicycle Cable & Track Adapter	12V or 24V	50W MR16/FG GU5.3 base or 35W MR11/FG GU4 base or MR8/FG or 50W T5 Xelogen or T4 Halogen GY6.35 base
		MRL-164N-		4' Pendant w/Bicycle Cable & Track Adapter		
		MRL-168N-		8' Pendant w/Bicycle Cable & Track Adapter		
MLA106, MLA107, MLA108, MLA109, MLA110, MLA111, MLA112, MLA113, MLA114K, MLA115K, MLA142, MLA248, OFG Series, RCG Series	Con-Tech 1 & 2 Circuit Track	RLM924N-	B, P, S	2' Pendant w/Bicycle Cable & Track Adapter	120V	40W T4 G9, 25W with MLA248
		RLM948N-		4' Pendant w/Bicycle Cable & Track Adapter		
		RLM996N-		8' Pendant w/Bicycle Cable & Track Adapter		
MLA106, MLA107, MLA108, MLA109, MLA110, MLA111, MLA112, MLA113, MLA115K, MLA248, OFG Series, RCG122, RCG124, RCG125, RCG126, RCG128, RCG232, RCG234, RCG235, RCG236, RCG238, RCG342, RCG344, RCG345, RCG346, RCG348, RCG562, RCG564, RCG565, RCG566, RCG568, RCG672, RCG674, RCG675, RCG676, RCG678, RCG782, RCG784, RCG785, RCG786, RCG788, RCG892, RCG894, RCG895, RCG896, RCG898, RCG902, RCG904, RCG905, RCG906, RCG908	Con-Tech 1 & 2 Circuit Track	RLMA1524N-	B, P, S	2' Pendant w/Bicycle Cable & Track Adapter	120V	60W A15 E26, 40W with MLA248 shades
		RLMA1548N-		4' Pendant w/Bicycle Cable & Track Adapter		
		RLMA1596N-		8' Pendant w/Bicycle Cable & Track Adapter		

* See shade descriptions for specific lamp usage

Pendant Finish Codes

AB - Antique Bronze

B - Black

P - White

S - Silver

Con-Tech Lighting provides these compatibility charts to verify that the appropriate decorative glass fits the correct pendants for your lighting system. After selecting the glass, review the chart that pertains to the type of glass you've chosen (Gravity-Fit or Lock-Fit). Look for the appropriate lighting system (Magellan, Odyssey, Symphony, or Track), and the compatible pendant part numbers and descriptions will be listed.

LOCK-FIT PENDANT COMPATIBILITY CHART

Shade Series (Part Series)	Pendant Product Line	Pendant Usage (Part Series)	Pendant Finish	Pendant Description	Lamp Voltage	Max. Recommended Lamp on Pendant*
CTS Series, LA1632, LA1633, LA1634, LA1635, MLA114K, MLA115K, OFG100 Series, SL9006N	Mono-Point	LICM75096	AB, S	Canopy Pendant, 96" of Wire Insulation	120V	120V 40W T4 G9 Bi-pin
CTS Series, LA1632, LA1633, LA1634, LA1635, MLA114K, MLA115K, OFG100 Series, SL9006N	Odyssey	LIR3296	AB, S	Pendant with 78-1/2" of Coaxial Wire, Silicone Insulation	120V	120V 40W T4 G9 Bi-pin
CTS Series, LA1632, LA1633, LA1634, LA1635, MLA114K, MLA115K, OFG100 Series, SL9006N	Quick Release	CRS3296QR	AB, S	Pendant, 59" Coaxial Wire, Silicone Insulation	12V or 24V	50W MR16/FG GU5.3 or 50W T5 Xelogen GY6.35
LA1632, LA1633, LA1634, LA1635, SL9006N	Symphony	MRL-1624N-	B, P, S	2' Pendant w/Bicycle Cable & Track Adapter	12V or 24V	50W MR16/FG GU5.3 base or 35W MR11/FG GU4 base or MR8/FG or 50W T5 Xelogen or T4 Halogen GY6.35 base
		MRL-1648N-		4' Pendant w/Bicycle Cable & Track Adapter		
		MRL-1696N-		8' Pendant w/Bicycle Cable & Track Adapter		
MLA106, MLA107, MLA110, MLA111, MLA112, MLA113, MLA114K, MLA115K, MLA142, MLA248, OFG Series, RCG Series	Symphony	MRL-3LED2	B, P, S	2' Pendant w/Bicycle Cable & Track Adapter	12V	3W LED
		MRL-3LED4		4' Pendant w/Bicycle Cable & Track Adapter		
		MRL-3LED8		8' Pendant w/Bicycle Cable & Track Adapter		
LA1632, LA1633, LA1634, LA1635, SL9006N	Con-Tech 1 & 2 Circuit Track	RLM16/BLK	Black Cord	8' Pendant Socket & Cord & LA-17LV Adapter	12V	50W MR16/GU5.3 base or 50W T4 GY6.35
		RLM16/WHT	White Cord	8' Pendant Socket & Cord & LA-17LV Adapter		

* See shade descriptions for specific lamp usage

Pendant Finish Codes

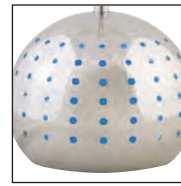
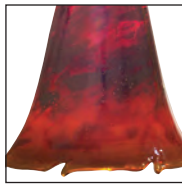
AB - Antique Bronze

B - Black

P - White

S - Silver





p e n d a n t s

- stemlight pendants
- mono-point ceiling pendants
- low voltage quick release pendants
- track pendants
 - line voltage odyssey
 - low voltage symphony
 - line voltage track
 - sirius pendants

Con-Tech Lighting provides a wide selection of decorative pendants that add a unique signature look to any décor. Our pendants are adaptable to multiple mounting configurations. Whether the application is for high output commercial and retail lighting, or for decorative hospitality environments, our pendant offering is the answer to your lighting needs.

Pendants are adaptable to mono-point ceiling canopies, line or low voltage flexible track, or line or low voltage track systems.

We offer two pendant styles, Lock-Fit and Gravity-Fit. Each pendant style is compatible with a large selection of our decorative glass. The pendants are compatible with our selection of Orchard Field Shades.

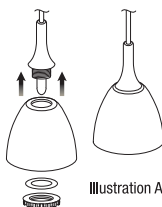
The following pages show the shades that are compatible with each pendant (see pages 194-213 for colors and dimensions of each shade).

Pendant Fixture Compatibility

Lock-Fit Shade and Socket Assembly

Lock-Fit shades are attached under the socket assembly and locked in place with a nut provided with pendant

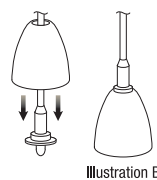
LIR3296 Pendant and CTS354-Series Shade Shown
25mm opening



Gravity-Fit Shade and Socket Assembly

Gravity-Fit shades are attached over cable and rest on socket flange

MRL-164N Pendant and OFG201 Shade Shown
28-30mm opening



Our collections are made up of two different shade/socket assemblies. For easy reference our shades are organized throughout this catalog by either "Lock-Fit" (see illustration A) or "Gravity-Fit" (see illustration B) designations. The Orchard Field Collection includes shades that use either a "Lock-Fit" shade assembly or a "Gravity-Fit" shade assembly. To answer any compatibility questions see our Shade-Pendant Compatibility Charts on page 214-215. Pendants can be field cut to length.

p e n d a n t s

Decorative Pendants



8" LED
CGL8
Page 220



8" CFL
CGF8
Page 221



8" Metal Halide
CGM8
Page 222



8" Incandescent
CGI8
Page 223



12" LED
CGL12
Page 224



12" CFL
CGF12
Page 225

Decorative Pendants

Industrial Pendants



12" Metal Halide
CGM12
Page 226



12" Incandescent
CGI12
Page 227



12" Metal Halide
CM12
Page 229



12" Incandescent
CM12
Page 230



12"/16" CFL
CAF12/CAF16
Page 231



12"/16" Metal Halide
CA12/CA16
Page 232



12"/16" Incandescent
CA12/CA16
Page 233

Mono-Point Pendants



Compact
Fluorescent
Pendants
CMCFP
Pages 234-235



Compact
Fluorescent
Dimming Pendant
CMCFPL
Page 236-237



Incandescent
Pendant
RLMAC1596
Page 238



Lock-Fit Pendant
LICM75096
Page 239



Barro Pendant
LICM1069
Page 240



Biba Pendant
LICM1068
Page 240

Quick-Release Pendants



Lock-Fit Pendant
CRS3296QR
Page 241



3W LED Pendant
CRS7966LEDQR(C,W)
Pages 242-243



6W LED Pendant
CRS7967LEDQR(C,W)
Page 244-245



Perforated Cone
PCQR
Page 246



Gravity-Fit Pendant
CRS7966QR
Pages 248-249

Odyssey Line Voltage Flexible Track Pendants



Lock-Fit Pendant
LIR3296
Page 250



Gravity-Fit Pendant
LIR7966
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Symphony Low Voltage Track Pendants



3W LED Pendant
MRL-3LED
Pages 252-253



Lock-Fit Pendant
MRL-1696N
Page 254



Gravity-Fit Pendant
MRL-168N
Page 255



Line Voltage Track Pendants



Compact Fluorescent
Pendant
TMCFP
Pages 256-257



A15 Gravity-Fit
Pendant
RLMA1596N
Page 258



G9 Gravity-Fit
Pendant
RLM996N
Page 259



RLM Pendant
RLM40
Page 260



Decorator Pendant
RLM19
Page 261



Low Voltage Pendant
RLM16
Page 262

Sirius Pendants



Romeo
SP7704
Page 264



Carat
SP7701
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Pia
SP7703
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Focus
SP4590
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Luminal
SPT3100
Page 266



Optic
SP0100
Page 267



CRIS/CRIS Glass
SP11100
Pages 268-269



Nano
SP9080
Page 270



Nino
SPT1100
Page 270

decorative pendants

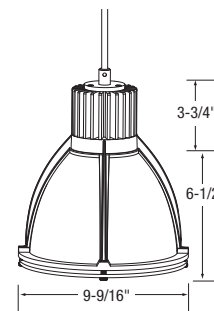


LED

8" LED Decorative Pendant

These LED pendants provide a decorative design as well as functional light. Choose from two (2) wattage options: 22W and 30W available in 2700K, 3000K and 3500K. Select from an aluminum shade, acrylic shade or a variety of case glass shades to add a splash of color to the space. A partially frosted glass lens encloses the bottom of the fixture and provides a softening effect to reduce glare. A frosted acrylic bottom lens is also available as an accessory. Dimming options include 0-10V and standard Triac (120V only).

Two mono-point mounting options are available, flexible cable or rigid stem (select lengths below). Flexible cable measures 120" long and is field adjustable to vary lengths. A variety of rigid stem lengths with external couplings are available to customize fixture heights (10 feet maximum allowable stem length). The mono-point driver canopies provide a swivel joint for sloped ceiling applications.



Ordering Information:

CGL8

23 – 22W
30 – 30W

27K – 2700K
30K – 3000K
35K – 3500K

12 – 120V (Non Dimming)
12D1 – 120V Triac Dimming
12D2 – 120V 0-10V Dimming
27 – 277V (Non Dimming)
27D2 – 277V 0-10V Dimming

A – Prismatic Acrylic Shade
AL – Aluminum Shade
AM – Amber Glass Shade
B – Blue Glass Shade
R – Red Glass Shade
W – White Glass Shade

FC – Flexible Cable
RS – Rigid Stem

B – Black
P – White
S – Silver

ORDER EXAMPLE:

CGL83030K12AMFC-S

Stems for "RS" mounting option:

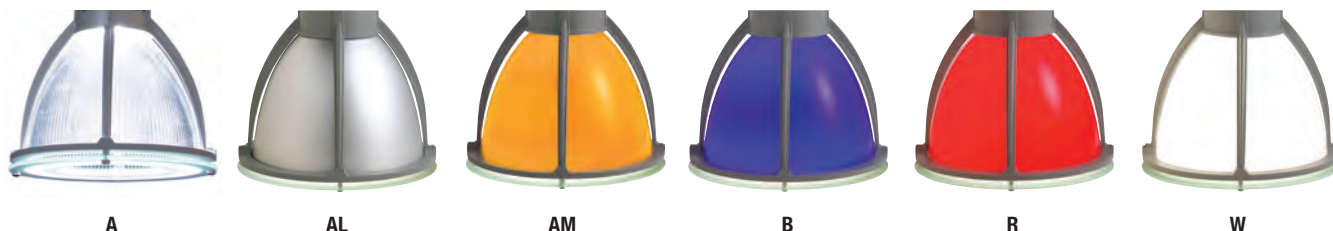
6" STEM(A) 6" Stem
12" STEM(A) 12" Stem
18" STEM(A) 18" Stem
24" STEM(A) 24" Stem
30" STEM(A) 30" Stem
36" STEM(A) 36" Stem
48" STEM(A) 48" Stem

COUPLING External coupling to attach stems together

Finish: - B, P, S

Stem Dimensions

Stem O.D.: 12.78mm
Stem I.D.: 9.30mm
Thredded Portion Length: 19.80mm
Metric Thread Size: 1/4-18 NPS
Coupling Length: 39.90MM
Coupling O.D.: 16.88MM
Coupling I.D.: 12.46MM
Coupling Inner Metric Thread Size: 1/4-18 NPS

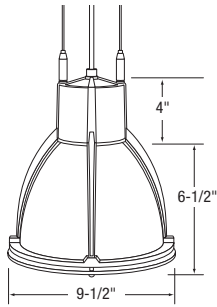


Fixture Finish Codes

B - Black

P - White

S - Silver



8" Compact Fluorescent Decorative Pendant

These compact fluorescent pendants feature an 8" acrylic, aluminum or glass shade that provides a decorative design as well as functional light. Select from an aluminum shade or a variety of case glass shades to add a splash of color to the space. A partially frosted lens encloses the bottom of the fixture and provides a softening effect to reduce glare.

Two mono-point mounting options are available, flexible cable 0.4695" O.D. with aircraft cable supports or rigid stem (select lengths below). Flexible cable measures 120" long and is field adjustable to vary lengths. A variety of rigid stem lengths with internal couplings are available to customize fixture heights (10 feet maximum allowable stem length). The mono-point ballast canopies provide a swivel joint for sloped ceiling applications.

Universal voltage: 120-277V, 50/60Hz. Five wires: (2) Red, (2) Blue, (1) Green.



Ordering Information:

CGF8

- 13 – 13W Quad/Triple
- 18 – 18W Quad/Triple
- 26 – 26W Quad/Triple
- 32 – 32W Triple Tube
- 42 – 42W Triple Tube

- A – Prismatic Acrylic Shade
- AL – Aluminum Shade
- AM – Amber Glass Shade
- B – Blue Glass Shade
- R – Red Glass Shade
- W – White Glass Shade

- FC – Flexible Cable
- RS – Rigid Stem

- B – Black
- P – White
- S – Silver

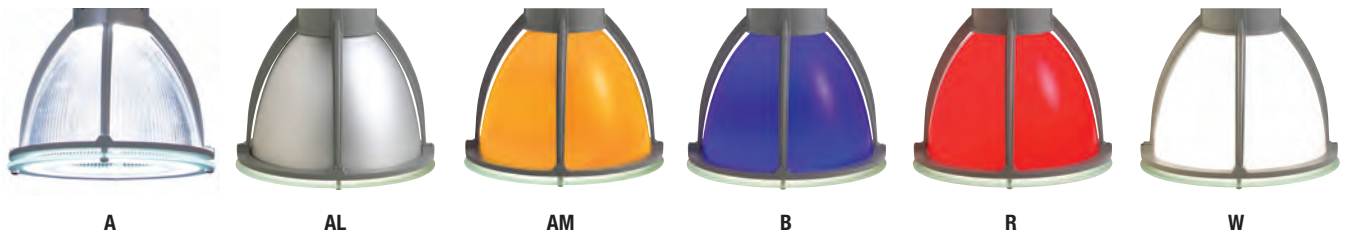
ORDER EXAMPLE:

CGF813BFC-S

Rigid stem lengths for "RS" mounting only:

- CLA2-(B,P,S) 2" Rigid stem, internal coupling
- CLA12INT-(B,P,S) 12" Rigid stem, internal coupling
- CLA18INT-(B,P,S) 18" Rigid stem, internal coupling
- CLA36INT-(B,P,S) 36" Rigid stem, internal coupling
- CLA60INT-(B,P,S) 60" Rigid stem, internal coupling

Finish: - B, P, S



Fixture Finish Codes

B - Black

P - White

S - Silver

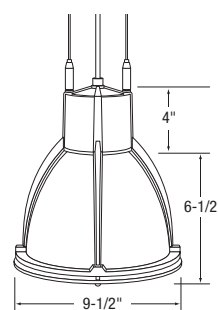
decorative pendants



8" Metal Halide Decorative Pendant

These metal halide pendants feature an 8" acrylic, aluminum or glass shade that provides a decorative design as well as functional light. Select from an aluminum shade or a variety of case glass shades to add a splash of color to the space. A partially frosted lens encloses the bottom of the fixture and provides a softening effect to reduce glare.

Two mono-point mounting options are available, flexible cable with aircraft cable supports or rigid stem (select lengths below). Flexible cable measures 120" long and is field adjustable to vary lengths. A variety of rigid stem lengths with external couplings are available to customize fixture heights (10 feet maximum allowable stem length). The mono-point ballast canopies provide a swivel joint for sloped ceiling applications. Universal voltage: 120-277V, 50/60Hz.



Ordering Information:

CGM8

50 – 50W ED17
70 – 70W ED17
10 – 100W ED17

A – Prismatic Acrylic Shade
AL – Aluminum Shade
AM – Amber Glass Shade
B – Blue Glass Shade
R – Red Glass Shade
W – White Glass Shade

FC – Flexible Cable
RS – Rigid Stem

— Cord Color
B – Black
P – White
S – Silver

ORDER EXAMPLE:

CGM870BFC-S

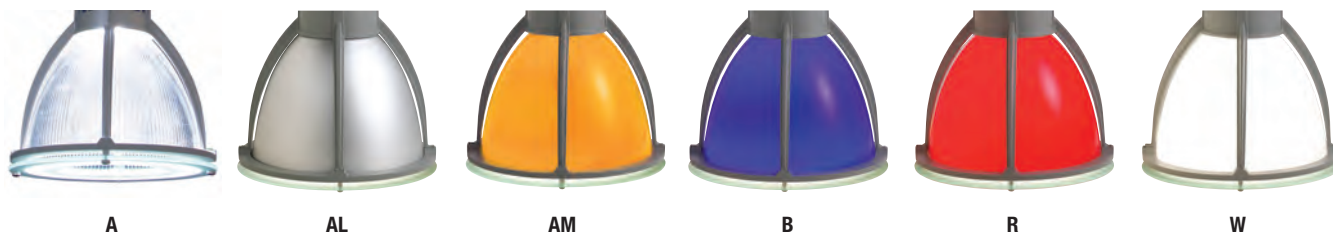
Stems for "RS" mounting option:

6" STEM(A) 6" Stem
12" STEM(A) 12" Stem
18" STEM(A) 18" Stem
24" STEM(A) 24" Stem
30" STEM(A) 30" Stem
36" STEM(A) 36" Stem
48" STEM(A) 48" Stem
COUPLING External coupling to attach stems together

Finish: - B, P, S

Stem Dimensions

Stem O.D.: 12.78mm
Stem I.D.: 9.30mm
Thredded Portion Length: 19.80mm
Metric Thread Size: 1/4-18 NPS
Coupling Length: 39.90MM
Coupling O.D.: 16.88MM
Coupling I.D.: 12.46MM
Coupling Inner Metric Thread Size: 1/4-18 NPS



Fixture Finish Codes

B - Black

P - White

S - Silver

decorative pendants

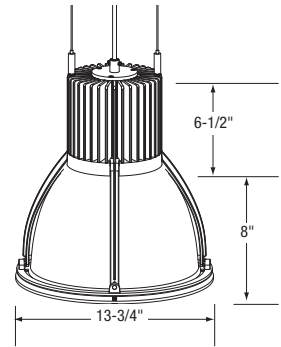


LED

12" LED Decorative Pendant

These LED pendants provide a decorative design as well as functional light. Choose from three (3) wattage options: 32W, 59W and 79W available in 2700K, 3000K and 3500K. Select from an aluminum shade, acrylic shade or a variety of case glass shades to add a splash of color to the space. A partially frosted glass lens encloses the bottom of the fixture and provides a softening effect to reduce glare. A frosted acrylic bottom lens is also available as an accessory. Dimming options include 0-10V. Lutron HiLume dimmig is also available on the 32W product.

Two mono-point mounting options are available, flexible cable or rigid stem (select lengths below). Flexible cable measures 120" long and is field adjustable to vary lengths. A variety of rigid stem lengths with external couplings are available to customize fixture heights (10 feet maximum allowable stem length). The mono-point driver canopies provide a swivel joint for sloped ceiling applications.



Ordering Information:

CGL12

32 – 32W
54 – 59W
82 – 79W

27K – 2700K
30K – 3000K
35K – 3500K

MVD2 – 120/277V 0-10V Dimming
MVD4 – 120/277V Lutron HiLume Dimming

A – Prismatic Acrylic Shade
AL – Aluminum Shade
AM – Amber Glass Shade
B – Blue Glass Shade
R – Red Glass Shade
W – White Glass Shade

FC – Flexible Cable
RS – Rigid Stem

B – Black
P – White
S – Silver

*Cord color matches frame color except Silver frame has Black cord.

ORDER EXAMPLE:

CGL125430KMVD2AMFC-S

Stems for "RS" mounting option:

6" STEM(A) 6" Stem
12" STEM(A) 12" Stem
18" STEM(A) 18" Stem
24" STEM(A) 24" Stem
30" STEM(A) 30" Stem
36" STEM(A) 36" Stem
48" STEM(A) 48" Stem
COUPLING External coupling to attach stems together

Finish: - B, P, S

Stem Dimensions

Stem O.D.: 12.78mm
Stem I.D.: 9.30mm
Thredded Portion Length: 19.80mm
Metric Thread Size: 1/4-18 NPS
Coupling Length: 39.90MM
Coupling O.D.: 16.88MM
Coupling I.D.: 12.46MM
Coupling Inner Metric Thread Size: 1/4-18 NPS



A



AL



AM



B



R



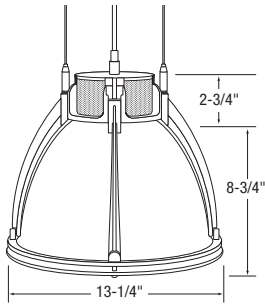
W

Fixture Finish Codes

B - Black

P - White

S - Silver



12" Compact Fluorescent Decorative Pendant

These compact fluorescent pendants feature a 12" acrylic, aluminum or glass shade that provides a decorative design as well as functional light. Select from an acrylic shade, aluminum shade or a variety of case glass shades to add a splash of color to the space. A partially frosted lens encloses the bottom of the fixture and provides a softening effect to reduce glare. Select from one or two lamp models.

Two mono-point mounting options are available, flexible cable with aircraft cable supports or rigid stem (select lengths below). Flexible cable measures 120" long and is field adjustable to vary lengths. A variety of rigid stem lengths with internal couplings are available to customize fixture heights (10 feet maximum allowable stem length). The mono-point ballast canopies provide a swivel joint for sloped ceiling applications. Universal voltage: 120-277V, 50/60Hz.



Ordering Information:

CGF12

- 1 – 1 lamp
- 2 – 2 lamp

- 13 – 13W Quad/Triple
- 18 – 18W Quad/Triple
- 26 – 26W Quad/Triple
- 32 – 32W Triple Tube
- 42 – 42W Triple Tube

- A – Prismatic Acrylic Shade
- AL – Aluminum Shade
- AM – Amber Glass Shade
- B – Blue Glass Shade
- R – Red Glass Shade
- W – White Glass Shade

- FC – Flexible Cable
- RS – Rigid Stem

- B – Black
- P – White
- S – Silver

*Cord color matches frame color except Silver frame has Black cord.

ORDER EXAMPLE:

CGF12218BFC-S

Rigid stem lengths for "RS" mounting only:

- CLA2-(B,P,S)** 2" Rigid stem, internal coupling
- CLA12INT-(B,P,S)** 12" Rigid stem, internal coupling
- CLA18INT-(B,P,S)** 18" Rigid stem, internal coupling
- CLA36INT-(B,P,S)** 36" Rigid stem, internal coupling
- CLA60INT-(B,P,S)** 60" Rigid stem, internal coupling

Finish: - B, P, S



A



AL



AM



B



R



W

Fixture Finish Codes

B - Black

P - White

S - Silver

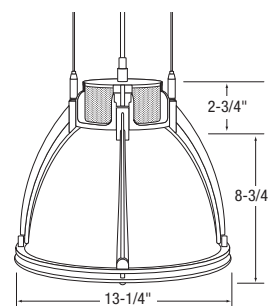
decorative pendants



12" Metal Halide Decorative Pendant

These metal halide pendants feature a 12" acrylic, aluminum or glass shade that provides a decorative design as well as functional light. Select from an acrylic shade, aluminum shade or a variety of case glass shades to add a splash of color to the space. A partially frosted lens encloses the bottom of the fixture and provides a softening effect to reduce glare.

Two mono-point mounting options are available, flexible cable with aircraft cable supports or rigid stem (select lengths below). Flexible cable measures 120" long and is field adjustable to vary lengths. A variety of rigid stem lengths with external couplings are available to customize fixture heights (10 feet maximum allowable stem length). The mono-point ballast canopies provide a swivel joint for sloped ceiling applications. Universal voltage: 120-277V.



Ordering Information:

CGM12

50 – 50W ED17
70 – 70W ED17
10 – 100W ED17
15 – 150W ED17

A – Prismatic Acrylic Shade
AL – Aluminum Shade
AM – Amber Glass Shade
B – Blue Glass Shade
R – Red Glass Shade
W – White Glass Shade

FC – Flexible Cable
RS – Rigid Stem

B – Black
P – White
S – Silver

*Cord color matches frame color except Silver frame has Black cord.

ORDER EXAMPLE:

CGM1270BFC-S

Stems for "RS" mounting option:

6" STEM(A) 6" Stem
12" STEM(A) 12" Stem
18" STEM(A) 18" Stem
24" STEM(A) 24" Stem
30" STEM(A) 30" Stem
36" STEM(A) 36" Stem
48" STEM(A) 48" Stem
COUPLING External coupling to attach stems together

Finish: - B, P, S

Stem Dimensions

Stem O.D.: 12.78mm
 Stem I.D.: 9.30mm
 Thredded Portion Length: 19.80mm
 Metric Thread Size: 1/4-18 NPS
 Coupling Length: 39.90MM
 Coupling O.D.: 16.88MM
 Coupling I.D.: 12.46MM
 Coupling Inner Metric Thread Size: 1/4-18 NPS

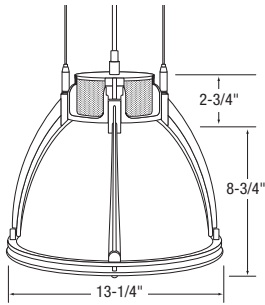


Fixture Finish Codes

B - Black

P - White

S - Silver



12" Incandescent Decorative Pendant

These incandescent pendants feature a 12" acrylic, aluminum or glass shade that provides a decorative design as well as functional light. Select from an acrylic shade, aluminum shade or a variety of case glass shades to add a splash of color to the space. A partially frosted lens encloses the bottom of the fixture and provides a softening effect to reduce glare. Select from one or two lamp models.

Two mono-point mounting options are available, flexible cable with aircraft cable supports or rigid stem (select lengths below). Flexible cable measures 120" long and is field adjustable to vary lengths. A variety of rigid stem lengths with external couplings are available to customize fixture heights (10 feet maximum allowable stem length). The mono-point canopies provide a swivel joint for sloped ceiling applications.

Max. Lamp: 150W A21, E26 Medium Base, 120V



Ordering Information:

CGI12

A – Prismatic Acrylic Shade	FC – Flexible Cable	B – Black
AL – Aluminum Shade	RS – Rigid Stem	P – White
AM – Amber Glass Shade		S – Silver
B – Blue Glass Shade		
R – Red Glass Shade		
W – White Glass Shade		

*Cord color matches frame color except Silver frame has Black cord.

ORDER EXAMPLE:

CGI12BFC-S

Stems for "RS" mounting option:

6" STEM(A)	6" Stem
12" STEM(A)	12" Stem
18" STEM(A)	18" Stem
24" STEM(A)	24" Stem
30" STEM(A)	30" Stem
36" STEM(A)	36" Stem
48" STEM(A)	48" Stem
COUPLING	External coupling to attach stems together

Stem Dimensions

Stem O.D.:	12.78mm
Stem I.D.:	9.30mm
Thredded Portion Length:	19.80mm
Metric Thread Size:	1/4-18 NPS
Coupling Length:	39.90MM
Coupling O.D.:	16.88MM
Coupling I.D.:	12.46MM
Coupling Inner Metric Thread Size:	1/4-18 NPS

Finish: - B, P, S



A



AL



AM



B



R



W

Fixture Finish Codes

B - Black

P - White

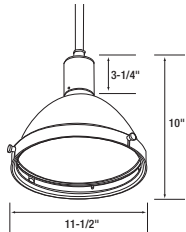
S - Silver



QUARTS
\$4.99
TASTE THE TRADITION

Giannos
\$4.99

Con-Tech's offering of pendants are designed for commercial and retail applications. These pendants provide a variety of mounting options for any application, including mono-point canopies and line voltage track. These pendants are available with either metal or acrylic shades for compact fluorescent, incandescent and metal halide lamps. Metal shades are available in 12" diameters, and acrylic shades are available in 12" and 16" diameters.



12" Metal Halide Metal Shade

This industrial pendant features a metal shade that directs all the light downward for maximum light output. The 12" diameter shade features 3 screw tabs to release the included prismatic lens assembly for relamping.

Four mounting options are available, mono-point with flexible cable, mono-point with rigid stem (select stem length below), track mount with flexible cable and Arotech ballast compartment, and Busway mount with flexible cable. Flexible cable measures 120" long and is field adjustable to vary lengths. A variety of rigid stem lengths with internal couplings are available to customize fixture height (10 feet maximum allowable stem lengths). 50/60Hz.



Ordering Information:

CM12

50E – 50W ED17 CMH, E26 Medium Base Lamp
70E – 70W ED17 CMH, E26 Medium Base Lamp
10E – 100W ED17 CMH, E26 Medium Base Lamp
15E – 150W ED17 CMH, E26 Medium Base Lamp
157E – 150W ED17 CMH, E26 Medium Base Lamp, 277V

AB – Track Mount, Flexible Cable, 120V (Dry Location)
AC – Busway Mount, Flexible Cable, 120-277V (Dry Location)
CB – Mono-Point, Flexible Cable, 120-277V (Damp Location)
CS – Mono-Point, Rigid Stem, 120-277V (Damp Location)

B – Black
P – White
S – Silver

ORDER EXAMPLE:

CM1250ECB-B

*Stems for CM12xxxCS
 (10 feet maximum allowable stem length):*

CLA2 (- B, P, S) 2" Rigid Stem
CLA12INT (- B, P, S) 12" Rigid Stem, Internal Coupling
CLA18INT (- B, P, S) 18" Rigid Stem, Internal Coupling
CLA36INT (- B, P, S) 36" Rigid Stem, Internal Coupling
CLA60INT (- B, P, S) 60" Rigid Stem, Internal Coupling

Note: Stems can be field cut, but then they will need to be re-threaded and re-tapped.

Threading 3/8 IPS x 18T

Fixture Finish Codes

B - Black

P - White

S - Silver

Industrial Pendants

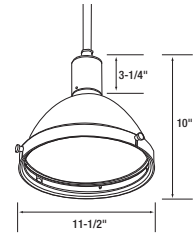


12" Incandescent Metal Shade

This industrial pendant features a metal shade that directs all the light downward for maximum light output. The 12" diameter shade features 3 screw tabs to release the included prismatic lens assembly for relamping.

Three mounting options are available, mono-point with flexible cable, mono-point with rigid stem (select stem length below), and track mount with flexible cable. Flexible cable measures 120" long and is field adjustable to vary lengths. A variety of rigid stem lengths with internal couplings are available to customize fixture height (10 feet maximum allowable stem lengths). Mono-point canopies feature a swivel for sloped ceiling applications.

Max. Lamp: 150W A21, E26 Medium Base, 120V



Ordering Information:

CM12

SB – Mono-Point, Flexible Cable (Damp Location)
SS – Mono-Point, Rigid Stem (Damp Location)
TB – Track Mount, Flexible Cable (Dry Location)

B – Black
P – White
S – Silver

ORDER EXAMPLE:

CM12SB-B

Stems for CM12SS (10 feet maximum allowable stem length):

CLA2 (- B, P, S) 2" Rigid Stem
CLA12INT (- B, P, S) 12" Rigid Stem, Internal Coupling
CLA18INT (- B, P, S) 18" Rigid Stem, Internal Coupling
CLA36INT (- B, P, S) 36" Rigid Stem, Internal Coupling
CLA60INT (- B, P, S) 60" Rigid Stem, Internal Coupling

Note: Stems can be field cut, but then they will need to be re-threaded and re-tapped.

Threading 3/8 IPS x 18T

Fixture Finish Codes

B - Black

P - White

S - Silver

Industrial Pendants



CA12



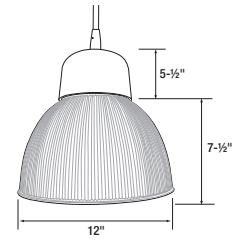
CA16

Metal Halide Acrylic Shade

This industrial pendant features a 12" or 16" Lexalite acrylic shade that provides a decorative element with maximum light output. Optional bottom lenses are available for enclosing the shade.

Four mounting options are available, mono-point with flexible cable, mono-point with rigid stem (select stem length below), track mount with flexible cable and Arotech ballast compartment, and Busway mount with flexible cable. Flexible cable measures 120" long and is field adjustable to vary lengths. A variety of rigid stem lengths with internal couplings are available to customize fixture height (10 feet maximum allowable stem lengths).

Max. Lamp (100W if used with optional bottom lenses).



Ordering Information:

CA

- 12 – 12" Shade
- 16 – 16" Shade

- 50E – 50W ED17 CMH, E26 Medium Base Lamp
- 70E – 70W ED17 CMH, E26 Medium Base Lamp
- 10E – 100W ED17 CMH, E26 Medium Base Lamp
- 15E – 150W ED17 CMH, E26 Medium Base Lamp
- 157E – 150W ED17 CMH, E26 Medium Base Lamp, 277V

- AB – Track Mount, Flexible Cable, 120V (Dry Location)
- AC – Busway Mount, Flexible Cable, 120-277V (Dry Location)
- CB – Mono-Point, Flexible Cable, 120-277V (Damp Location)
- CS – Mono-Point, Rigid Stem, 120-277V (Damp Location)

- B – Black
- P – White
- S – Silver

ORDER EXAMPLE:

CA1270ECB-B

*Stems for CA12xxxCS and CA16xxxCS
(10 feet maximum allowable stem length):*

- CLA2 (- B, P, S) 2" Rigid Stem
- CLA12INT (- B, P, S) 12" Rigid Stem, Internal Coupling
- CLA18INT (- B, P, S) 18" Rigid Stem, Internal Coupling
- CLA36INT (- B, P, S) 36" Rigid Stem, Internal Coupling
- CLA60INT (- B, P, S) 60" Rigid Stem, Internal Coupling

Optional Lenses for CA12:

- PACDLA12 12" Conical Acrylic Prismatic Drop Lens and Clamp
- PASFLA12 12" Smooth Acrylic Flat Lens and Clamp

Optional Lenses for CA16:

- PACDLA16 16" Conical Acrylic Prismatic Drop Lens and Clamp
- PASFLA16 16" Smooth Acrylic Flat Lens and Clamp

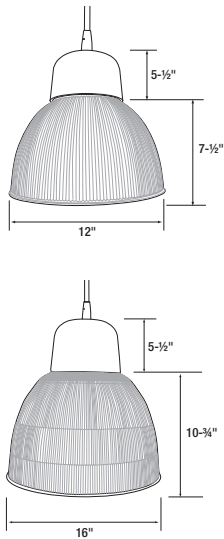
Note: Stems can be field cut, but then they will need to be re-threaded and re-tapped.

Threading 3/8 IPS x 18T

Note: Protected ED17 lamps are required for open luminaire applications.

Fixture Finish Codes

- B - Black
- P - White
- S - Silver



Incandescent Acrylic Shade

This industrial pendant features a 12" or 16" Lexalite acrylic shade that provides a decorative element with maximum light output. Optional bottom lenses are available for enclosing the shade.

Three mounting options are available, mono-point with flexible cable, mono-point with rigid stem (select stem length below), and track mount with flexible cable. Flexible cable measures 120" long and is field adjustable to vary lengths. A variety of rigid stem lengths with internal couplings are available to customize fixture height (10 feet maximum allowable stem lengths). Mono-point canopies feature a swivel for sloped ceiling applications.

Max. Lamp CA12: 150W A21, E26 Medium Base, 120V (100W if used with optional lenses)

Max. Lamp CA16: 200W A21 or A23, E26 Medium Base, 120V



CA12



CA16

Ordering Information:

CA	_____	_____	_____
	12 – 12" Shade	SB – Mono-Point, Flexible Cable (Damp Location)	B – Black
	16 – 16" Shade	SS – Mono-Point, Rigid Stem (Damp Location)	P – White
		TB – Track Mount, Flexible Cable (Dry Location)	S – Silver

ORDER EXAMPLE:

CA12SB-B

*Stems for CA12SS and CA16SS
(10 feet maximum allowable stem length):*

CLA2 (- B, P, S)	2" Rigid Stem
CLA12INT (- B, P, S)	12" Rigid Stem, Internal Coupling
CLA18INT (- B, P, S)	18" Rigid Stem, Internal Coupling
CLA36INT (- B, P, S)	36" Rigid Stem, Internal Coupling
CLA60INT (- B, P, S)	60" Rigid Stem, Internal Coupling

Optional Lenses for CA12:

PACDLA12	12" Conical Acrylic Prismatic Drop Lens and Clamp
PASFLA12	12" Smooth Acrylic Flat Lens and Clamp

Optional Lenses for CA16:

PACDLA16	16" Conical Acrylic Prismatic Drop Lens and Clamp
PASFLA16	16" Smooth Acrylic Flat Lens and Clamp

Note: Stems can be field cut, but then they will need to be re-threaded and re-tapped.
Threading 3/8 IPS x 18T

Fixture Finish Codes

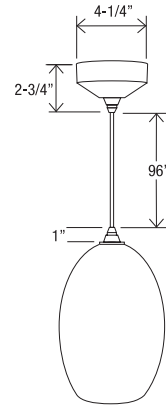
B - Black	P - White	S - Silver
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Shown with RCG126

CMCFP Compact Fluorescent Pendant
8' Pendant **with Orchard Field Shades**

This decorative, compact fluorescent pendant for mono-point applications features your choice of Orchard Field shades. With the efficiency of compact fluorescent lamps, this pendant is ideal for residential and hospitality applications. Select the necessary wattage, and choose from a variety of glass shades. The 8' semi-rigid cord may be field modified for shorter lengths. Available in 120V or 277V. Finish: - B, P, S



Mounting Options:

Mono-point ceiling canopy

Ordering Information:

CMCFP

18 – 13W-18W Quad/Triple Lamp
32 – 26W Quad/Triple - 32W Triple Lamp

XXX – Orchard Field code shown page 235

(Leave Blank) – 120V Ballast
27 – 277V Ballast

B – Black
P – White
S – Silver

ORDER EXAMPLE:

CMCFP18126-B

For Track Mount CFL Pendants, see pages 256-257.

Fixture Finish Codes

B - Black **P** - White **S** - Silver

Shade Options (see pages 194-207 for colors and dimensions):



126



566



676



786



896



125



565



675



785



895



106A



106B



106R



106W



110A



110B



110R



110W



111A



111B



111R



111W



301



302



303



307



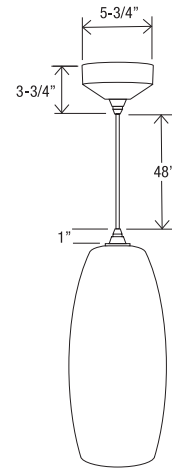
308



Shown with RCG126

CMCFPL Dimmable Compact Fluorescent
4' Pendant **Pendant with Orchard Field Shades**

This decorative, compact fluorescent pendant for mono-point applications features your choice of Orchard Field shades. With the efficiency of compact fluorescent lamps, this pendant is ideal for residential and hospitality applications. Select the necessary wattage, and choose from a variety of glass shades. The 4' semi-rigid cord may be field modified for shorter lengths. Available in multi-volt (120V - 277V) or 347V (Non-Dimming).
Finish: - B, P, S



Mounting Options:

Mono-point ceiling canopy

Ordering Information:

CMCFPL

- 18** - 18W Quad/Triple Lamp
- 26** - 26W Quad/Triple Lamp
- 32** - 32W Triple Lamp
- 42** - 42W Triple Lamp

XXX - Orchard Field code shown page 237

MVD - Multi-Volt Dimming (120V-277V)
347 - 347V (Non-Dimming)

B - Black
P - White
S - Silver

ORDER EXAMPLE:

CMCFPL18111AMVD-B

For Track Mount CFL Pendants, see pages 256-257.

Note: Four foot maximum remote distance from ballast to socket per ballast manufacturer.

Fixture Finish Codes

- B** - Black **P** - White **S** - Silver

Shade Options (see pages 194-207 for colors and dimensions):



126



566



676



786



896



125



565



675



785



895



106A



106B



106R



106W



110A



110B



110R



110W



111A



111B



111R



111W



301



302



303



307



308

mono - point



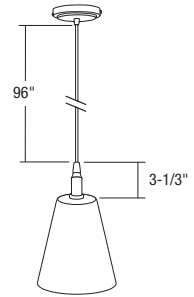
Shown with RCG564

RLMAC1596 Mono-Point A15 Incandescent Gravity-Fit Pendant

8' Pendant

96" semi rigid wiring cover keeps the cord straight for a clean appearance. Pendant may be field modified for shorter lengths. Shallow canopy covers standard octagonal junction boxes. Shades sold separately on pages 194-207.

Lamp: 60W max., A15 E26 Medium Base (except for MLA248 which accepts a 40W A15 E26 Medium Base lamp), 120V
Finish: - B, P, S



Mounting Options:

Mono-point ceiling canopy

Shade Options (see pages 194-207 for colors and dimensions):

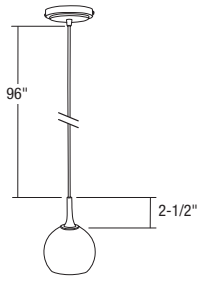


Fixture Finish Codes

B - Black

P - White

S - Silver



Mono-Point Lock-Fit Pendant

LICM75096

96" field-adjustable cord with transparent double insulation. Shallow canopy covers standard octagonal junction boxes. Includes fingerglass and ring tool. Shades sold separately on pages 208-211.

Lamp: 40W max., T4, G9 Bi-pin Base, 120V
Finish: - AB, S

Mounting Options:

Mono-point ceiling canopy

Shade Options (see pages 208-211 for colors and dimensions):



CTS349 SERIES



CTS351 SERIES



CTS354 SERIES



LA1632 SERIES



LA1633 SERIES



LA1634 SERIES



LA1635 SERIES



MLA114K SERIES



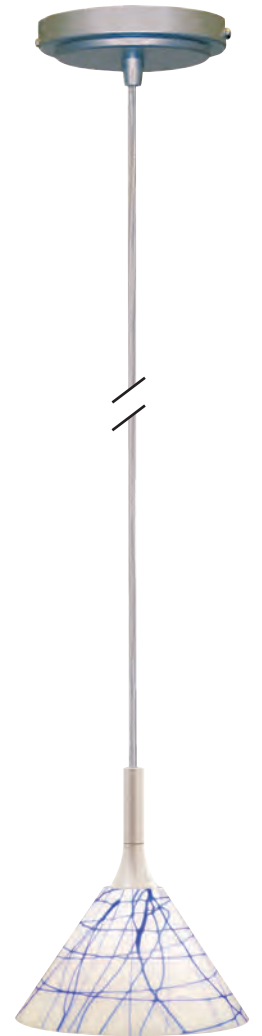
MLA115K SERIES



OFG100 SERIES



SL9006N SERIES



Shown with
LA1635-B

Fixture Finish Codes

AB - Antique Bronze

S - Silver



LICM1069

Mono-Point Barro Pendant

Silver metal shade. 78-3/4" field-adjustable cord with transparent, double insulation.

Lamp: 35W max., PAR16, GU10 Base, 120V, Philips and Osram/Sylvania

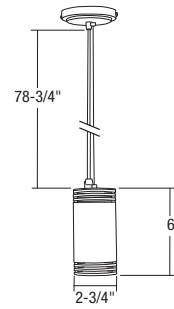
Finish: - S

Mounting Options:

Mono-point Ceiling Canopy

Shade Option:

Metal shade (included)



LICM1068

Mono-point Biba Pendant

Frosted glass shade. 78-3/4" field-adjustable cord with transparent, double insulation. Includes fingerglass.

Lamp: 40W max., T4, G9 Bi-pin Base, 120V

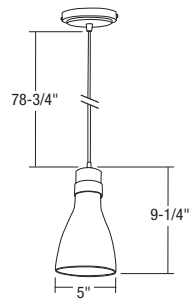
Finish: - S

Mounting Options:

Mono-point Ceiling Canopy

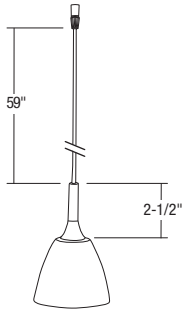
Shade Option:

Frosted glass shade (included)



Fixture Finish Codes

S - Silver



Quick Release Lock-Fit Pendant

Coaxial cord is 59" long with transparent silicone insulation. May be field modified for shorter lengths. Includes fingerglass, ring tool, and allen wrench. Shades sold separately on pages 208-211.

Lamp: 50W max., T5 Xenon, GY6.35 Base, 12V or 24V, or T4 Low Pressure Halogen
Finish: - AB, S

CRS3296QR

Mounting Options:

1. Mono-point Canopies, 120V/12V (transformers included)



Decorative Canopy
CRS-DORCT- (AB, S)
Mounts to NEC approved 4" round or octagonal junction box with minimum depth of 1-1/2".



Thin Canopy
CRS-TORCT- (AB, S)
Mounts to NEC approved 4" round or octagonal junction box with minimum depth of 1-1/2".



Ceiling Canopy
CRS-QRCT- (AB, S)



Sloped Ceiling Canopy
CRS-QRSCT- (AB, S)

2. Magellan Low Voltage Flexible Track, 12V or 24V



CRS-MAGQR- (AB, S)

4. Symphony Low Voltage Track, 12V or 24V



CRS-SYMQR- (S)

3. Odyssey Line Voltage Flexible Track, 120V/12V

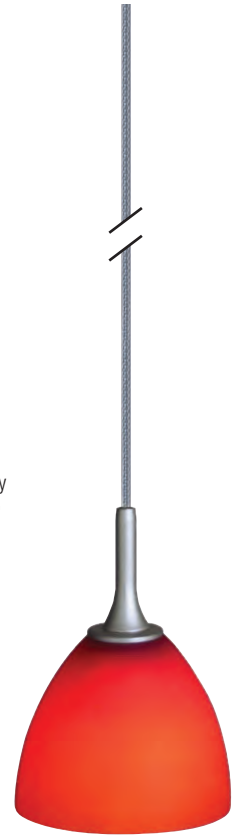


CRS-ODYQR- (AB, S)

5. Line Voltage Track, 120V/12V



CRS-LVTQR- (S)



Shown with CTS349-SR

Shade Options (see pages 208-211 for colors and dimensions):



CTS349 SERIES



CTS351 SERIES



CTS354 SERIES



LA1632 SERIES



LA1633 SERIES



LA1634 SERIES



LA1635 SERIES



MLA114K SERIES



MLA115K SERIES



OFG100 SERIES



SL9006N SERIES

Fixture Finish Codes

AB - Antique Bronze

S - Silver



Shown with MLA115K-BL

CRS7246LEDQR(C, W)
2' Pendant

CRS7486LEDQR(C, W)
4' Pendant

CRS7726LEDQR(C, W)
6' Pendant

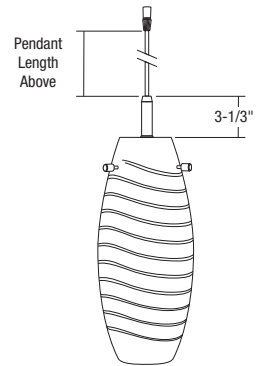
CRS7966LEDQR(C, W)
8' Pendant



3W LED Quick Release Gravity-Fit Pendant

This 3W LED pendant is available in cool (6000K) and warm (3000K) white color temperatures. The coaxial cord cover keeps the cord straight for a clean appearance. Four lengths are available and may be field modified for shorter lengths. Shades sold separately on pages 194-207.

Lamp: 3W cool (6000K) or warm (3000K) white LED color temperatures. **104 delivered lumens**
Finish: - AB, B, P, S



Mounting Options:

1. Mono-point Canopies,



Decorative LED Canopy
CRS-DQRCD- (AB, B, P, S)
Mounts to NEC approved 4" round or octagonal junction box with minimum depth of 1-1/2".



Thin LED Canopy
CRS-TQRCD- (AB, B, P, S)
Mounts to NEC approved 4" round or octagonal junction box with minimum depth of 1-1/2".



LED Ceiling Canopy
CRS-QRCD- (AB, B, P, S)

2. Odyssey Line Voltage Flexible Track, 120V



CRS-ODYQRD- (AB, B, S)

3. Line Voltage Track, 120V



CRS-LVTRD- (B, P, S)

Fixture Finish Codes

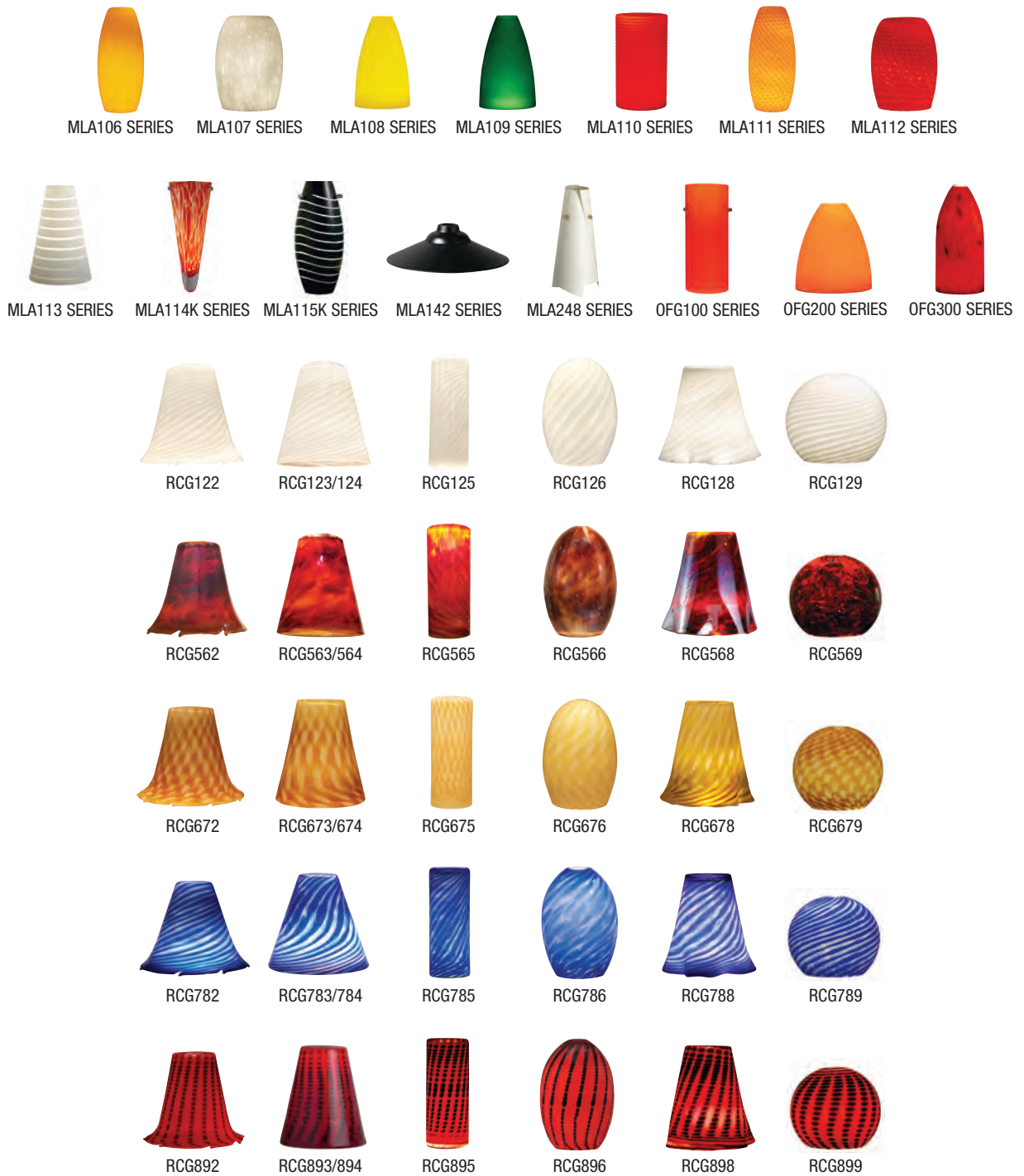
AB - Antique Bronze

B - Black

P - White

S - Silver

Shade Options (see pages 194-207 for colors and dimensions):





Shown with RCG784

CRS7247LEDQRW 2' Pendant

CRS7487LEDQRW 4' Pendant

CRS7727LEDQRW 6' Pendant

CRS7967LEDQRW 8' Pendant



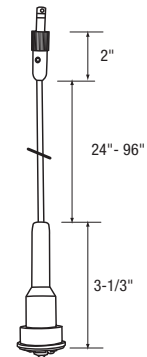
6W Quick Release LED Pendant

This 6W LED pendant can be used as a mono-point ceiling canopy or on a line voltage track system and is available in warm (3000K) white color temperature. The coaxial cord cover keeps the cord straight for a clean appearance. Four lengths are available and may be field modified for shorter lengths. Shades sold separately on pages 194-207. Adapters sold separately on page 187.

Lamp: 6W Warm (3000K) White LED color temperature.

215 delivered lumens

Finish: - AB, B, P, S



Mounting Options:

1. Mono-point Canopies,



Decorative LED Canopy
CRS-DQRCD- (AB, S)
Mounts to NEC approved 4" round or octagonal junction box with minimum depth of 1-1/2".



Thin LED Canopy
CRS-TQRCD- (AB, B, P, S)
Mounts to NEC approved 4" round or octagonal junction box with minimum depth of 1-1/2".



LED Ceiling Canopy
CRS-QRCD- (AB, B, P, S)

2. Odyssey Line Voltage Flexible Track, 120V



CRS-ODYQRD- (AB, B, S)

3. Line Voltage Track, 120V



CRS-LVTQRD- (B, P, S)

Fixture Finish Codes

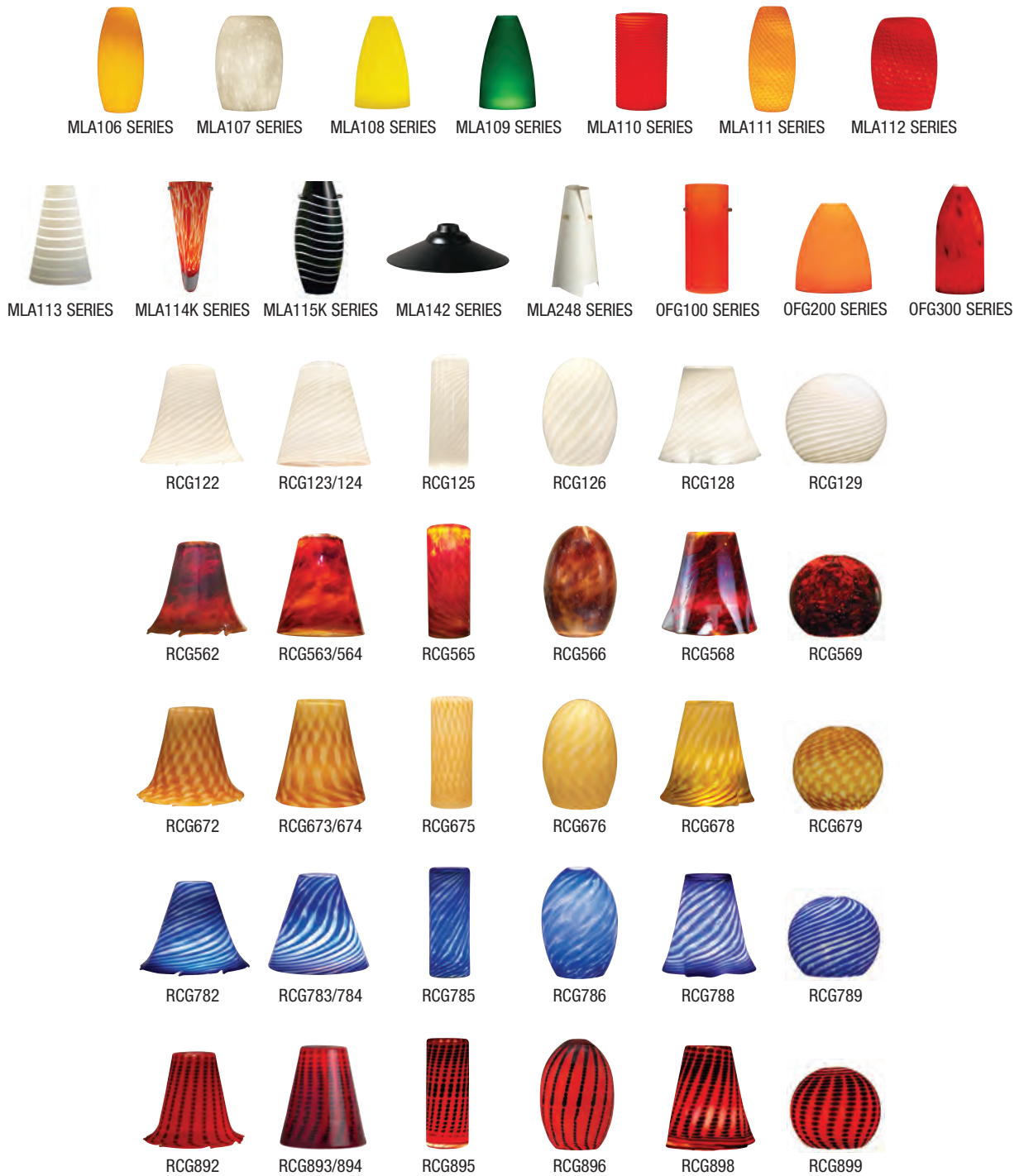
AB - Antique Bronze

B - Black

P - White

S - Silver

Shade Options (see pages 194-207 for colors and dimensions):





Shown with
PCQRB-C

Perforated Cone Quick Release Pendant

Decorative perforated cone pendant allows multiple design choices for any hospitality application. Select from four colored inner glass shades, and three exterior pendant finishes. The coaxial cord is 59" long with silicone insulation. May be field modified for shorter lengths. Includes inner colored glass (select color below), fingerglass, ring tool, and allen wrench.

Lamp: 50W max., T5 Xenon, GY6.35 Base, T4 Low Pressure Halogen Lamps, or MR16 Front Glass Lamps
Finish: - AB, C, S

Ordering Information:

PCQR _____ - _____	
B - Blue	AB - Antique Bronze
O - Orange	C - Chrome
R - Red	S - Silver
W - White	

ORDER EXAMPLE:

PCQRO-AB

Mounting Options:

1. Mono-point Canopies, 120V/12V (transformers included)



Decorative Canopy
CRS-DQRCT- (AB, C, S)
Mounts to NEC approved 4" round or octagonal junction box with minimum depth of 1-1/2".



Thin Canopy
CRS-TQRCT- (AB, C, S)
Mounts to NEC approved 4" round or octagonal junction box with minimum depth of 1-1/2".



Ceiling Canopy
CRS-QRCT- (AB, C, S)



Sloped Ceiling Canopy
CRS-QRSCT- (AB, S)

2. Magellan Low Voltage Flexible Track, 12V or 24V



CRS-MAGQR- (AB, S)

4. Symphony Low Voltage Track, 12V or 24V



CRS-SYMQR- (S)

3. Odyssey Line Voltage Flexible Track, 120V/12V

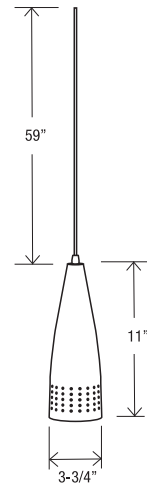


CRS-ODYQR- (AB, S)

5. Line Voltage Track, 120V/12V



CRS-LVTQR- (S)



PCQRB-AB



PCQRO-AB



PCQRR-AB



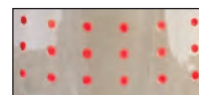
PCQRW-AB



PCQRB-C



PCQRO-C



PCQRR-C



PCQRW-C



PCQRB-S



PCQRO-S



PCQRR-S



PCQRW-S

Fixture Finish Codes

AB - Antique Bronze

C - Chrome

S - Silver





Shown with OFG201

CRS7246QR

2' Pendant

CRS7486QR

4' Pendant

CRS7726QR

6' Pendant

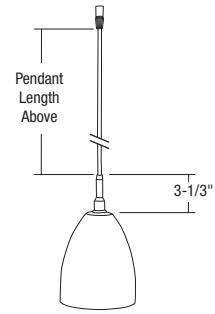
CRS7966QR

8' Pendant

Quick Release Gravity-Fit Pendant

Coaxial cord wiring cover keeps cord straight for clean appearance. May be field modified for shorter lengths. Includes fingerglass and allen wrench. Shades sold separately on pages 194-207.

Lamp: 50W max., T4/T5 Xenon, GY6.35 Base, 12V or 24V, or Low Pressure Halogen
Finish: - AB, S



Mounting Options:

1. Mono-point Canopies, 120V/12V (transformers included)



Decorative Canopy
CRS-DQRCT- (AB, S)
Mounts to NEC approved 4" round or octagonal junction box with minimum depth of 1-1/2".



Thin Canopy
CRS-TQRCT- (AB, S)
Mounts to NEC approved 4" round or octagonal junction box with minimum depth of 1-1/2".



Ceiling Canopy
CRS-QRCT- (AB, S)



Sloped Ceiling Canopy
CRS-QRSCT- (AB, S)

2. Magellan Low Voltage Flexible Track, 12V or 24V



CRS-MAGQR- (AB, S)

3. Odyssey Line Voltage Flexible Track, 120V/12V



CRS-ODYQR- (AB, S)

4. Symphony Low Voltage Track, 12V or 24V



CRS-SYMQR- (S)

5. Line Voltage Track, 120V/12V



CRS-LVTQR- (S)

Pendant Accessories:

Socket Extenders

Used to lower lamp position for better shade illumination.



MCT-2-P 2" Extender
MCT-4-P 4" Extender

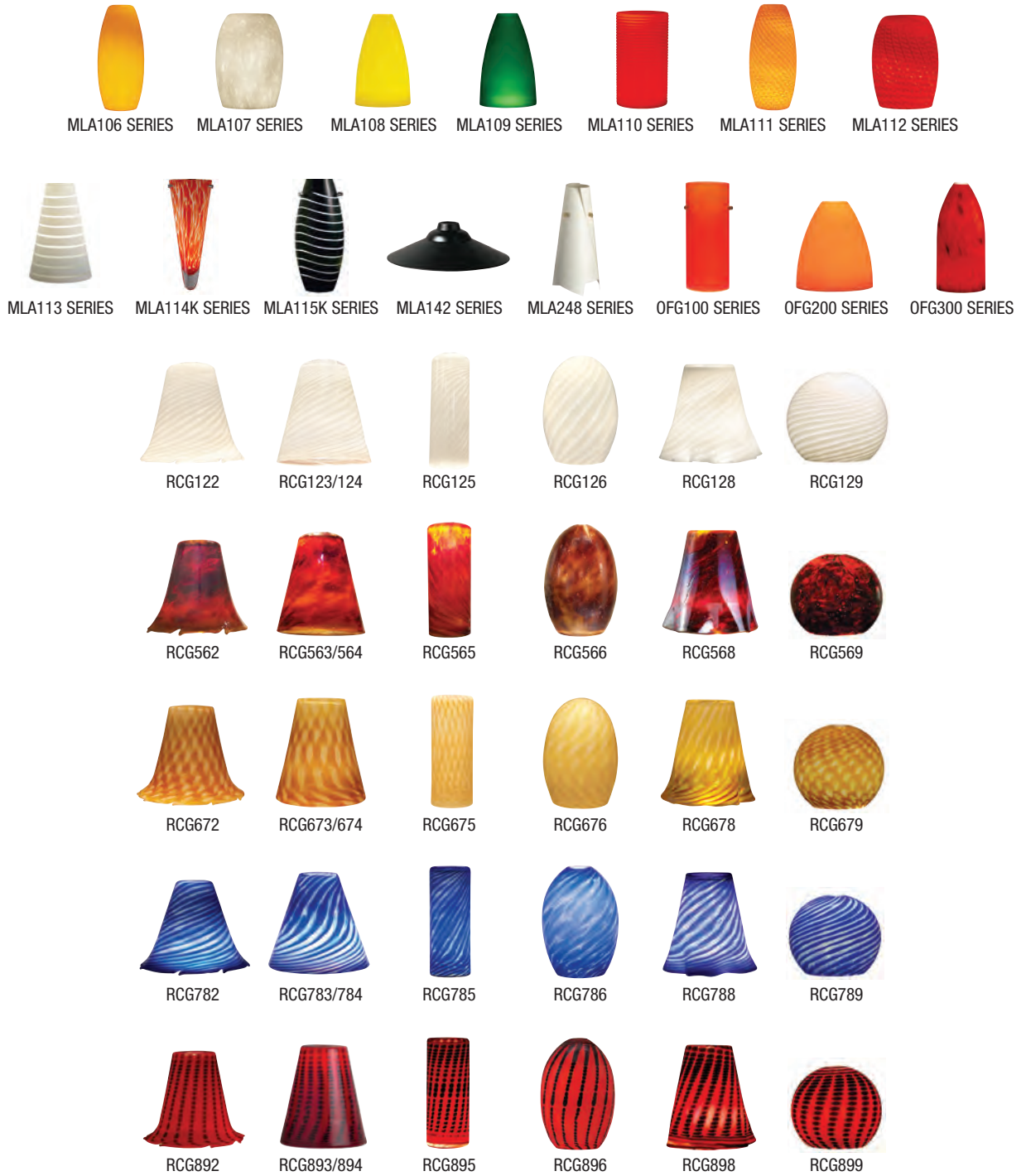
Fixture Finish Codes

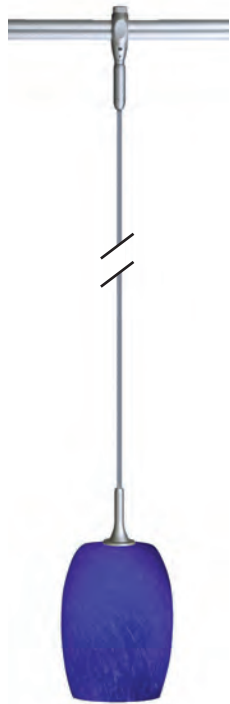
AB - Antique Bronze

P - White

S - Silver

Shade Options (see pages 194-207 for colors and dimensions):



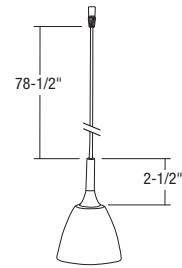


Shown with LA1633-B

LIR3296 Odyssey Line Voltage Flexible Track Lock-Fit Pendant

Coaxial cable is 78-1/2" long with transparent silicone insulation. May be field modified for shorter lengths. Includes fingerglass, ring tool, and allen wrench. Shades sold separately on pages 208-211.

Lamp: 40W max., T4, G9 Bi-pin Base, 120V
Finish: - AB, S



Mounting Options:

Directly to Odyssey Line Voltage Flexible Track

Shade Options (see pages 208-211 for colors and dimensions):



CTS349 SERIES



CTS351 SERIES



CTS354 SERIES



LA1632 SERIES



LA1633 SERIES



LA1634 SERIES



LA1635 SERIES



MLA114K SERIES



MLA115K SERIES



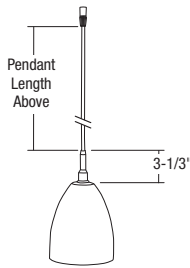
OFG100 SERIES



SL9006N SERIES

Fixture Finish Codes

AB - Antique Bronze S - Silver



Odyssey Line Voltage Flexible Track Gravity-Fit Pendant

Semi-rigid wiring cover keeps cord straight for clean appearance. May be field modified for shorter lengths. Shades sold separately on pages 194-207.

Lamp: 40W max., A15 E26 Medium Base, 120V
Finish: - AB, S

Mounting Options:

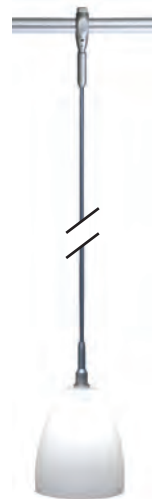
Directly to Odyssey Line Voltage Flexible Track

LIR7246
2' Pendant

LIR7486
4' Pendant

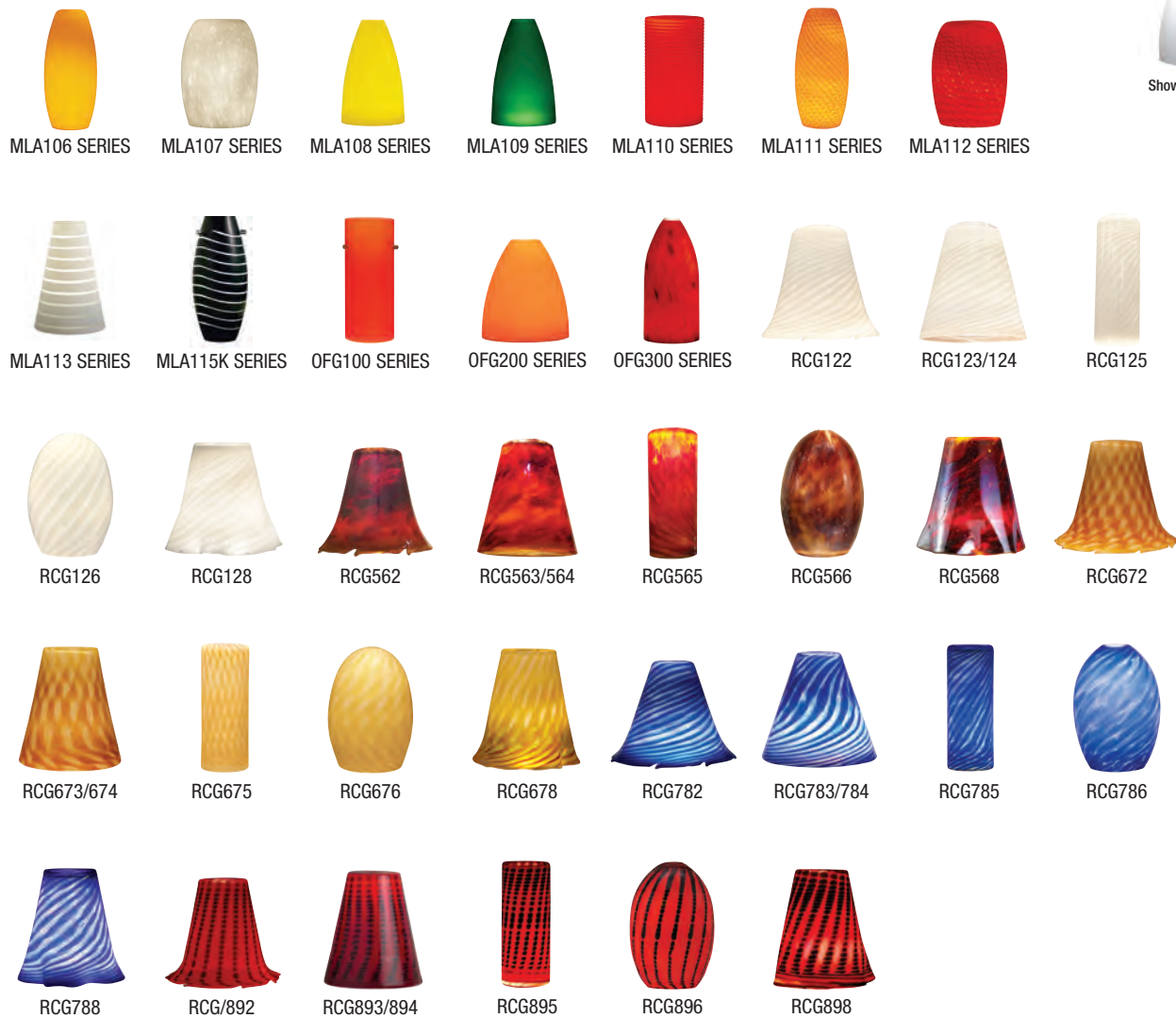
LIR7726
6' Pendant

LIR7966
8' Pendant



Shown with OFG201

Shade Options (see pages 194-207 for colors and dimensions):



Fixture Finish Codes

AB - Antique Bronze

S - Silver



MRL-3LED2(C, W)
2' Pendant

MRL-3LED4(C, W)
4' Pendant

MRL-3LED8(C, W)
8' Pendant

Low Voltage 3W LED Track Pendant

Semi-rigid cable is attached to a track connector and long wiring compartment which allows for height adjustment. Compartment also includes internal thermal block and cord grip connector. Cool (6000K) and warm (3000K) white color temperatures available. Shades sold separately on pages 194-207.



Lamp: 3W cool (6000K) or warm (3000K) white LED color temperatures

See page 135 for transformer/driver selection matrix

Finish: - B, P, S

Mounting Options:

1. **Directly to Symphony Low Voltage Track, 12V**
2. **Mono-point Canopies**



Pendant Canopy, Junction Box Mount, 120V/12V (remote transformer)
MLA-18- (B, P, S)



Mini Pendant Canopy, 120V/12V (remote transformer)
MLA-19- (B, P, S)

Fixture Finish Codes

B - Black

P - White

S - Silver

Shade Options (see pages 194-207 for colors and dimensions):





MRL-1624N
2' Pendant

MRL-1648N
4' Pendant

MRL-1696N
8' Pendant

Symphony Low Voltage Track Lock-Fit Pendants

Semi-rigid cable is attached to a track connector and long wiring compartment which allows for height adjustment. Compartment also includes internal thermal block and cord grip connector. Shades sold separately on pages 208-211.

Lamp: 50W max., MR16 FG, GU5.3 Base, T4/T5 Xelogen GY6.35 Base, 12V or 24V, or Low Pressure Halogen Lamps
Finish: - B, P, S

Mounting Options:

1. Directly to Symphony Low Voltage Track, 12V or 24V

2. To Line Voltage Track



Track Adapter, 120V/12V
LA2050HSYM- (B, P, S)



Track Adapter, 120V/12V
LA2050VSYM- (B, P, S)

3. Mono-point Canopies



Pendant Canopy, Junction Box Mount, 12V or 24V (remote transformer)
MLA-18- (B, P, S)



Mini Pendant Canopy, 12V or 24V (remote transformer)
MLA-19- (B, P, S)



Surface Canopy, Junction Box Mount, 120V/12V or 277V/12V (transformer included)
MLA-1816- (B, P, S) **277V**

Pendant Accessories:

Socket Extenders

Used to lower lamp position for better shade illumination.



MCT-2-P 2" Extender
MCT-4-P 4" Extender

Shade Options (see pages 208-211 for colors and dimensions):



LA1632 SERIES



LA1633 SERIES



LA1634 SERIES



LA1635 SERIES



SL9006N SERIES

Fixture Finish Codes

B - Black

P - White

S - Silver

Symphony Low Voltage Track Gravity-Fit Pendants

Semi-rigid cable is attached to a track connector and long wiring compartment which allows for height adjustment. Compartment also includes internal thermal block and cord grip connector. Shades sold separately on pages 194-207.

Lamp: 50W max., MR16 FG, GU5.3 Base, T4/T5 Xelogen GY6.35 Base, 12V or 24V, or Low Pressure Halogen
 Finish: - B, P, S

Mounting Options:

1. Directly to Symphony Low Voltage Track, 12V or 24V

2. To Line Voltage Track



Track Adapter, 120V/12V
LA2050HSYM- (B, P, S)



Track Adapter, 120V/12V
LA2050VSYM- (B, P, S)

3. Mono-point Canopies



Pendant Canopy, Junction Box Mount, 12V or 24V (remote transformer)
MLA-18- (B, P, S)



Mini Pendant Canopy, 12V or 24V (remote transformer)
MLA-19- (B, P, S)



Surface Canopy, Junction Box Mount, 120V/12V or 277V/12V (transformer included)
MLA-1816- (B, P, S)
MLA-1816- (B, P, S) **277V**



Shade Options (see pages 194-207 for colors and dimensions):



Fixture Finish Codes

B - Black

P - White

S - Silver

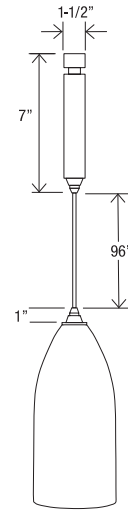


Shown with RCG303

TMCFP Compact Fluorescent Pendant
8' Pendant **with Orchard Field Shades**

This decorative, compact fluorescent pendant for line voltage track applications features your choice of Orchard Field shades. With the efficiency of compact fluorescent lamps, this pendant is ideal for residential and hospitality applications. Select the necessary wattage, and choose from a variety of glass shades. The 8' semi-rigid cord may be field modified for shorter lengths. Available in 120V only. Non-Dimmable.

Finish: - B, P, S



Ordering Information:

TMCFP

- 13** – 13W Triple/Quad Lamps, 4-pin
- 18** – 18W Triple/Quad Lamps, 4-pin
- 26** – 26W Triple/Quad Lamps, 4-pin

XXX – Orchard Field code shown page 257

- B** – Black
- P** – White
- S** – Silver

ORDER EXAMPLE:

TMCFP18303-P

For Mono-point CFL Pendants, see pages 234-237.

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

- B** - Black
- P** - White
- S** - Silver

Shade Options (see pages 194-207 for colors and dimensions):



126



566



676



786



896



125



565



675



785



895



106A



106B



106R



106W



110A



110B



110R



110W



111A



111B



111R



111W



301



302



303



307



308

l i n e v o l t a g e t r a c k



RLMA1524N

2' Pendant

RLMA1548N

4' Pendant

RLMA1596N

8' Pendant

Line Voltage A15 Incandescent Gravity-Fit Pendant

Semi-rigid wiring cover keeps cord straight for a clean appearance. Pendants may be field modified for shorter lengths. Includes a track adapter for mounting. Shades sold separately on pages 194-207.

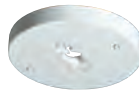
Lamp: 60W max., A15 E26 Medium Base (except for MLA248 which accepts a 40W A15 E26 Medium Base lamp), 120V
Finish: - B, P, S



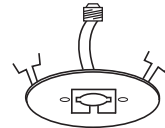
Mounting Options:

1. Directly to Line Voltage Track, 120V

2. Mono-point Canopies



Pendant Canopy, Junction Box Mount, 120V
LA-18- (B, P, S)



6" Recessed Housing Adapter, 120V
CTR618- (B, P, S)

3. Odyssey Rail Mount



Universal Fixture Adapter, 120V
LIR59875- (AB, S)

Shade Options (see pages 194-207 for colors and dimensions):



Fixture Finish Codes

B - Black

P - White

S - Silver

*For use on other manufacturer's track systems, see page 112.



Line Voltage G9 Incandescent Gravity-Fit Pendant

Semi-rigid wiring cover keeps cord straight for a clean appearance. Pendants may be field modified for shorter lengths. Includes a track adapter for mounting and a tempered frosted fiberglass. Shades sold separately on pages 194-207.

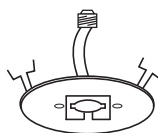
Lamp: 40W max., T4, G9 Bi-Pin Base (except for MLA248 which accepts a 25W T4, G9 Bi-Pin Base lamp), 120V
Finish: - B, P, S

Mounting Options:

1. Directly to Line Voltage Track, 120V
2. Mono-point Canopies



Pendant Canopy,
Junction Box Mount, 120V
LA-18- (B, P, S)



6" Recessed Housing
Adapter, 120V
CTR618- (B, P, S)

3. Odyssey Rail Mount



Universal Fixture Adapter
LIR59875- (AB, S)



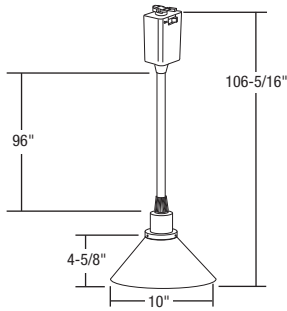
Shade Options (see pages 194-207 for colors and dimensions):



Fixture Finish Codes

B - Black P - White S - Silver

*For use on other manufacturer's track systems, see page 112.



Line Voltage Incandescent Decorator Pendant

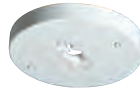
RLM19

Provided with a 96" cord that may be field modified for shorter lengths. Pendant includes a track adapter for mounting.

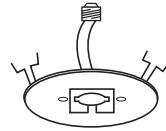
Lamp: 100W max., A21 E26 Medium Base, 120V
Finish: - B, P

Mounting Options:

1. **Directly to Line Voltage Track, 120V**
2. **Mono-point Canopies**



Pendant Canopy, Junction Box Mount, 120V
LA-18- (B, P, S)



6" Recessed Housing Adapter, 120V
CTR618- (B, P, S)

3. **Odyssey Rail Mount**



Universal Fixture Adapter, 120V
LIR59875- (AB, S)

Shade Options:



Frost Ribbed Glass Shade
LA1534
4-5/8"H x 10" Dia.

LA1935
4-5/8"H x 6" Dia.



Clear Ribbed Glass Shade
LA1536
4-5/8"H x 10" Dia.

LA1971
4-5/8"H x 6" Dia.



Cased Green Glass Shade
LA1551
4-5/8"H x 10" Dia.

LA1937
5-1/4"H x 6-1/2" Dia.

*For use on other manufacturer's track systems, see page 112.

Fixture Finish Codes

B - Black

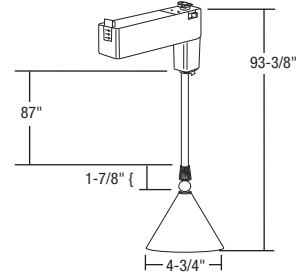
P - White

RLM16/BLK-C
RLM16/WHT-C

Low Voltage Decorator Pendant

Provided with an 87-1/2" cord that may be field modified for shorter lengths. 12V pendant includes a track adapter to connect to an LA2050N transformer (sold separately on page 96) for mounting to line voltage track. Chrome decorative ball provides a stylish accent to the pendant system.

Lamp: 12V 20-50W MR16 FG, GU5.3 Base or T4, GY6.35 Base, Low Pressure Halogen



Shown with Track-Mounted Solid State Transformer (LA2050N)



Shown with Mono-Point Solid State Transformer (LA1816)

Mounting Options:

1. To Line Voltage Track



50W Transformer, 120V/12V
LA2050N- (B, P, S)

2. Mono-point Canopies



Pendant Canopy, Junction Box Mount, 12V
LA-18160- (B, P, S)
(remote transformer)

LA1816- (B, P, S) 120V/12V
(transformer included)

LA1816 277V- (B, P, S)
277V/12V
(transformer included)

Pendant Accessories:

Socket Extenders

Used to lower lamp position for better shade illumination.



MCT-2-P 2" Extender
MCT-4-P 4" Extender

Shade Options (see pages 208-211 for colors and dimensions):



LA1632 SERIES



LA1633 SERIES



LA1634 SERIES



LA1635 SERIES



SL9006N SERIES

Fixture Finish Codes

B - Black

C - Chrome

P - White

S - Silver

s i r i u s p e n d a n t s

Decorative pendants add a unique signature look to any decor or setting. Pendants are adaptable for rail and mono-point applications with variable lengths for ornamental and downlighting applications. Offered with a wide array of decorative glass, these stylized pendants provide endless possibilities for any environment.

All Sirius Lighting pendants are offered with two mounting choices: they may be connected to a mono-point with or without a transformer. This versatility allows for unlimited placement possibilities in your lighting design.

All mounting hardware is finished in hand-polished chrome, platinum or 24K polished gold plate. When ordering, use the mounting choice letters as the fixture prefix (i.e. SPT1500 for Nino pendant).



“SP” Pendant Model for Remote Power Source

This remote transformer (choose from 150W or 300W sources) may be used to power up to six(6) 50W fixtures, based on a 12V system. The 3" canopy conceals the class II wiring and an adapter plate (Model SA54A) may be used to cover a 4" outlet box..

Dimensions: 2-15/16"W x 7/8"H



“SPT” 120V Pendant Series

Built-in Step-Down 120/12V, 60W Electronic Transformer in Canopy

Mounts to standard 4" octagonal electrical box. The electronic transformer has built-in overload and short-circuit protection.

Dimensions: 4-5/8"W x 1-3/8"H



SP7704 Remote Power Source Pendant
SPT7704 12/120V Pendant

Romeo Fixture includes pendant and coffee swirl tulip glass shade. Field adjustable pendant.

Max. Lamp: 50W, 12V Low Pressure Halogen, GY6.35 Base
 Dims.:
 Pendant: 46-1/4"L (Including Shade)
 Shade: 6-7/8"L x 3-1/4" Dia.
 Finish: - C, PL



Amber Carat Glass
SP7701 Remote Power Source Pendant

SPT7701 12/120V Pendant

Clear Carat Glass
SP7702 Remote Power Source Pendant

SPT7702 12/120V Pendant

Blue Carat Glass
SP7707 Remote Power Source Pendant

SPT7707 12/120V Pendant

Smoke Carat Glass
SP7708 Remote Power Source Pendant

SPT7708 12/120V Pendant

CARAT GLASS

Beautiful, jewel like glass crystal available in amber, blue, clear and smoke. Field adjustable length.

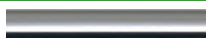
Max. Lamp: 20W, 12V T3, G4 Base, Low Pressure Halogen
 Dims.: 45-1/2"L (Including Shade)
 Finish: - C, PL



All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

Fixture Finish Codes

C - Polished Chrome



PL - Platinum





SP7703 PIA
Remote Power Source Pendant
Unique ivory glass shade.
Field adjustable pendant.

SPT7703
12/120V Pendant
Max. Lamp: 20W, T4 Low Pressure Halogen, G4 Base, 12V
Dims.:
Pendant: 48-13/16"L
Shade: 9-7/16"L x 2" Dia.
Finish: - C, PL



Stem Pendant FOCUS
SP4550
Remote Power Source Pendant
A low brightness adjustable reflector to vary beam spread - a *Sirius exclusive!* Chrome bell accented by chrome, platinum or 24K gold hardware.

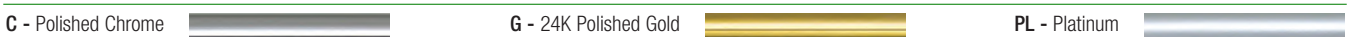
SP4100
Remote Power Source Pendant
Max. Lamp: 50W, T4, GY6.35 Base, 12V with Axial Filament, Low Pressure Halogen
Dims.:
FOCUS Stem Pendant
SP4550, SPT4550: 21-1/2"L
SP4100, SPT4100: 39-1/4"L
FOCUS String Pendant
SP4100S, SPT4100S: 39-1/4"L, Field Adjustable
Finish: - C, G, PL
Note - Fixture bell is always chrome

String Pendant
SPT4100S
12/120V Pendant



All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

Fixture Finish Codes





Stem Pendant
SPT3100
12/120V Pendant

String Pendant
SPT3100S
12/120V Pendant

LUMINAL

Handsome acrylic white diffuser for soft, even light. Re-lamping made easy by sliding cylinder upward. Add a punch of color with a second layer inside the cylinder.

Max. Lamp: 50W MR16 FG, GU5.3 Base or 50W T4, GY6.35 Base, Low Pressure Halogen

Dims.:

Luminal Stem Pendant

SPT3100: 42-1/2" L

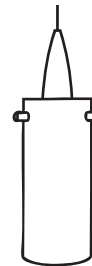
Luminal String Pendant

SPT3100S: 44-1/2"L

(Field Adjustable)

Acrylic Cylinder: 6-1/4" Tall x 2-15/16" Dia.

Finish: - C, G, PL



SL9010-F (Frosted)
Spot Glass Shade

Also accepts MR16 FG Lamp.

Sold separately

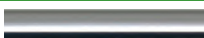
Height: 1-3/4"

Width: 2-1/4"

All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

Fixture Finish Codes

C - Polished Chrome



G - 24K Polished Gold



PL - Platinum



Stem Pendant

SP0100

Remote Power Source Pendant

SPT0100

12/120V Pendant

SP0500

Remote Power Source Pendant

SPT0500

12/120V Pendant

String Pendant

SP0100S

Remote Power Source Pendant

SPT0100S

12/120V Pendant



OPTIC

An innovative concept in high efficiency glass reflectors. Eighteen optical coatings on a crystal reflector give the Optic superior illumination capabilities. An exceptional 86% reflectance casts a crisply defined beam with sharp edges and no lamp striations. Reflector takes on a silver finish when not energized and then an iridescent blue when lit. Lamp holder is finned for heat dissipation.

Max. Lamp: 50W T4 Xenon Bi-Pin, GY6.35 Base, Low pressure Halogen, Clear or Frosted with a Vertical Filament, Dims.:

OPTIC Stem Pendant

SP0100, SPT0100: 4-1/4"L x 2-1/2" Dia.

SP0500, SPT0500: 21-1/2"L x 2-1/2" Dia.

OPTIC String Pendant

SP0100S, SPT0100S: 41-1/2"L x 2-1/2" Dia.

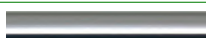
Finish: - C, G, PL



All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

Fixture Finish Codes

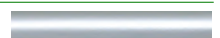
C - Polished Chrome



G - 24K Polished Gold



PL - Platinum





CRIS

Stem pendant or variable length string versions.
Pendants for use only with CRIS glass elements, sold separately.

Max. Lamp: 50W Low Pressure T4 Axial Filament, GY6.35 Base.
 Will also accept 37W IR Bi-Pin Lamp.

Stem Pendant
SP11100

Remote Power Source Pendant

SPT11100

12/120V Pendant

CRIS Stem Pendant

SP11100, SPT11100: 39-3/4"L Including Glass

Finish: - C, PL

String Pendant
SP11100S

Remote Power Source Pendant

SPT11100S

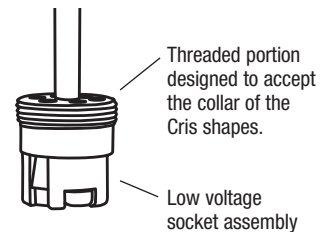
12/120V Pendant

OPTIC String Pendant

SP11100S, SPT11100S: 41-15/16"L Including Glass,

Field Adjustable

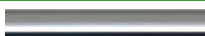
Finish: - C, PL



All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

Fixture Finish Codes

C - Polished Chrome



PL - Platinum



CRIS Glass

Crystal glass is available in clear exterior finish with a vacuum metallized reflector. Created exclusively for the Sirius CRIS line of pendants, these glass shades are for use only with CRIS pendants. The reflector is made of aluminum. Some back light shows through the aluminum reflector.

CRIS Glass Cube Shapes



SL9041-CRIS

Aluminum reflector,
clear finish.

Dims.:
2-3/4"W x 2"H



SL9043-CRIS

Crystal appliqué, aluminum
reflector, clear finish.

Dims.:
3-1/8"W x 2"H

CRIS Glass Circular Shape



SL9045-CRIS

Aluminum reflector,
clear finish.

Dims.:
2-3/4"W x 2"H



SP1100S-PL with
SL9037 Large Tulip



SP1100S-PL with
SL9016-CB Fluted Tulip



SP1100-PL with
SL9038-C Shine

Stem Pendant NANO

SP9080

Remote Power Source Pendant

SPT9080

12/120V Pendant

SPT9500

12/120V Pendant

SP9100

Remote Power Source Pendant

SPT9100

12/120V Pendant

String Pendant

SP9100S

Remote Power Source Pendant

SPT9100S

12/120V Pendant

Stem or string pendant and accent modules. Full selection of glass diffusers to compliment any decor. Lamp choice is dependent on glass shade selection. Glass sold separately on page 207.

Max. Lamp: 20-50W, T4, GY6.35 Base, Low Pressure Halogen. Other lamp types may be used dependant on glass selection.

NANO Stem Pendant

SP9080, SPT9080: 2"L

SPT9500: 17-1/4"L

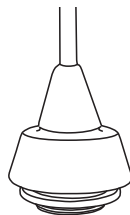
SP9100, SPT9100: 37"L

NANO String Pendant

SP9100S, SPT9100S: 39-1/4"L,

Field Adjustable

Finish: - C, G, PL



Stem Pendant NINO

SPT1100

12/120V Pendant

String Pendant

SP1100S

Remote Power Source Pendant

SPT1100S

12/120V Pendant

Stem or string pendant models. Full selection of glass diffusers to compliment any decor. Lamp choice is dependent on glass shade selection. Glass sold separately on page 207.

Max. Lamp: 35W MR11 FG, GX24 Base or 50W, MR16 FG, GU5.35 Base or 20-50W T4, GY6.35 Base, Low Pressure Halogen

NINO Stem Pendant

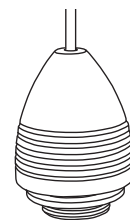
SPT1100: 37"L

NINO String Pendant

SP1100S, SPT1100S: 39-1/4"L,

Field Adjustable

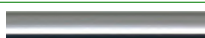
Finish: - C, G, PL



All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

Fixture Finish Codes

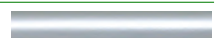
C - Polished Chrome



G - 24K Polished Gold



PL - Platinum



*Glass Diffuser Options for Nano and Nino
(see page 213 for colors and dimensions):*



SL9038-C



SL9016-



SL9037



SL9006N-



SL9010-F




**SL9004-F
SL9007-F
SL9005-F**

All open Sirius Lighting fixtures are required by UL to use Front Glass (lensed) lamps or low pressure, low voltage lamp types that are suitable for use without shielding (ANSI C78-260/UL2108). The individual lamp cartons must be suitably marked as low pressure and for open fixture low voltage luminaire usage.

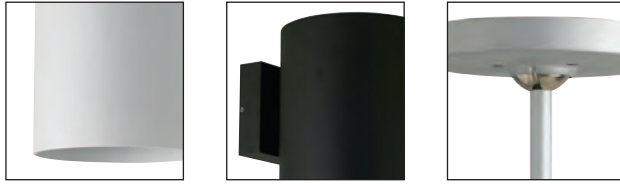
Fixture Finish Codes

C - Polished Chrome 

G - 24K Polished Gold 

PL - Platinum 

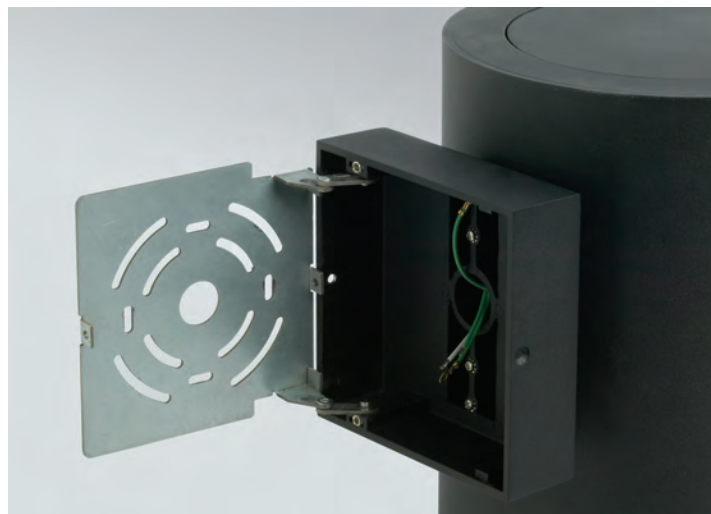




c y l i n d e r s

- 6" cylinders
 - PureLight LED
 - compact fluorescent
 - metal halide
 - incandescent
- 8" cylinders
 - PureLight LED
 - compact fluorescent
 - metal halide
 - incandescent

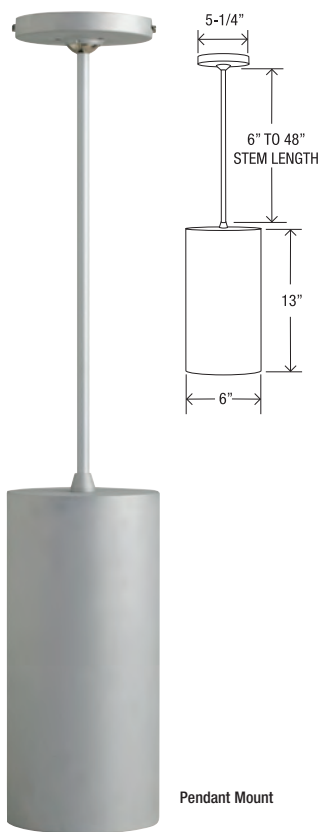
Con-Tech Lighting provides a wide selection of commercial grade cylinder fixtures that add functional lighting to your applications. Our offering is available in 6" and 8" apertures, with LED, compact fluorescent, metal halide and incandescent lamp options in wall mount, ceiling mount and pendant mount installations. These cylinder fixtures provide solutions for all your indoor applications.



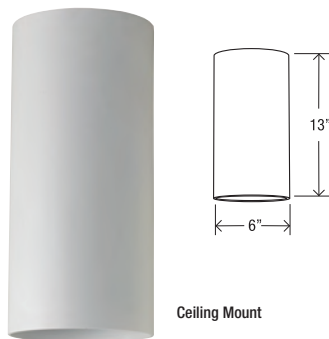
Easy Install Wall Mount Cylinder Bracket Assembly

Con-Tech's wall mount cylinder is constructed with a bracket and hinge design to provide convenient mounting and wiring installation. The housing swings to the side to allow mounting the bracket to the junction box. Once mounted to the junction box, the installation can be completed with a "hands-free" approach by not holding the fixture while wiring the power.

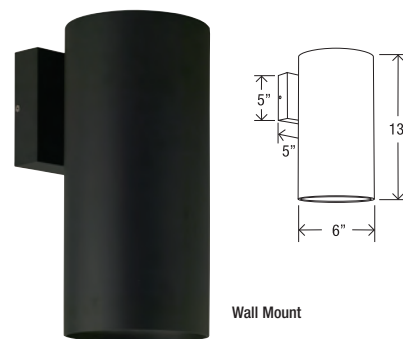
cylinders



Pendant Mount



Ceiling Mount



Wall Mount

LED

PAR38 LED 6" Cylinders

These 6" aperture 12W LED cylinders are constructed of extruded aluminum for indoor commercial and industrial applications. The PureLight LED lamp provides a better way to generate white light that uses a patented mixture of unsaturated yellow and saturated red LEDs. The LED is designed to last 35,000 hours and features a Color Rendering Index (CRI) of 92 with an R9 Red Color Value of 72. The color management system maintains color consistency over time and temperature.

Mounting options include ceiling mount, pendant mount or wall mount. For pendant mount cylinders, select a stem kit (below) for the appropriate stem length. Pendant mount fixtures provide a sloped ceiling canopy. A safety chain connects the cover to the cylinder for easy installation. Fixtures are damp location rated. Available in black, white or silver finishes. 120V only. Dimmable with specific dimmers - consult factory.

Finish: - B, P, S

Ordering Information:

CL6EM	_____	_____	_____
C – Ceiling Mount	C – Clear Reflector	B – Black	
P – Pendant Mount		P – White	
W – Wall Mount		S – Silver	

ORDER EXAMPLE:

CL6EMCC-B

For Pendant Mount Cylinders, select stem lengths below:

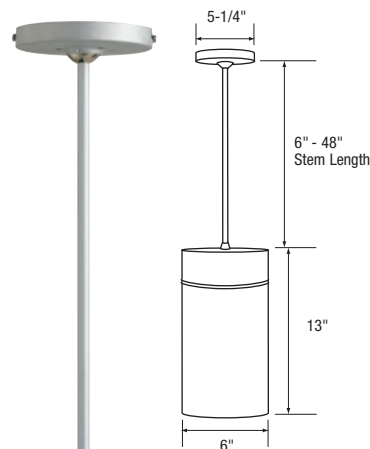
CSK6 – 6" Stem Kit	Stem Dimensions
CSK12 – 12" Stem Kit	Stem O.D.: 12.78mm
CSK18 – 18" Stem Kit	Stem I.D.: 9.30mm
CSK24 – 24" Stem Kit	Thredded
CSK30 – 30" Stem Kit	Portion Length: 19.80mm
CSK36 – 36" Stem Kit	Metric Thread Size: 1/4-18 NPS
CSK48 – 48" Stem Kit	Coupling Length: 39.90MM
Finish: - B, P, S	Coupling O.D.: 16.88MM
	Coupling I.D.: 12.46MM
	Coupling Inner
	Metric Thread Size: 1/4-18 NPS

For additional stem and coupling information refer to page 111.

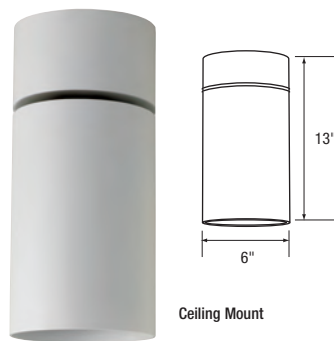
Fixture Finish Codes

B - Black P - White S - Silver

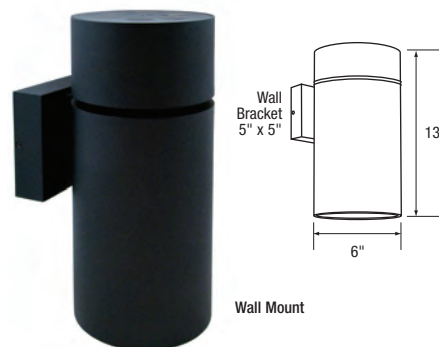
cylinders



Pendant Mount



Ceiling Mount



Wall Mount

6" Metal Halide Cylinders

These 6" aperture metal halide cylinders are constructed of extruded aluminum for indoor commercial and industrial applications. Select from multiple wattage metal halide lamp options using electronic ballasts. Mounting options include ceiling mount, pendant mount or wall mount. For pendant mount cylinders, select a stem kit (below) for the appropriate stem length. Pendant mount fixtures provide a sloped ceiling canopy. A safety chain connects the cover to the cylinder for easy installation. Choose between a black baffle for minimal light glare or a clear reflector for high output illumination. Fixtures are damp location rated. Available in black, white or silver finishes. 50/60Hz. Specify voltage.

Finish: - B, P, S

Ordering Information:

CM6	_____	_____	_____
39	- 39W PAR30LN	C	- Ceiling Mount
50	- 50W ED17	P	- Pendant Mount
70	- 70W ED17, PAR30LN, or PAR38	W	- Wall Mount
100	- 100W ED17, PAR38 (on pendant and wall mount only)	B	- Black Baffle
		C	- Clear Reflector
		P	- White
		S	- Silver

ORDER EXAMPLE:

CM670WC-P

For Pendant Mount Cylinders, select stem lengths below:

CSK6	- 6" Stem Kit	Stem Dimensions	
CSK12	- 12" Stem Kit	Stem O.D.:	12.78mm
CSK18	- 18" Stem Kit	Stem I.D.:	9.30mm
CSK24	- 24" Stem Kit	Thredded	
CSK30	- 30" Stem Kit	Portion Length:	19.80mm
CSK36	- 36" Stem Kit	Metric Thread Size:	1/4-18 NPS
CSK48	- 48" Stem Kit	Coupling Length:	39.90MM
		Coupling O.D.:	16.88MM
		Coupling I.D.:	12.46MM
		Coupling Inner	
		Metric Thread Size:	1/4-18 NPS

Finish: - B, P, S

For additional stem and coupling information refer to page 111.

Note: Protected ED17 lamps are required for open luminaire applications

Fixture Finish Codes

B - Black P - White S - Silver



6" Incandescent Cylinders

These 6" aperture incandescent cylinders are constructed of extruded aluminum for indoor commercial and industrial applications. Mounting options include ceiling mount, pendant mount or wall mount. For pendant mount cylinders, select a stem kit (below) for the appropriate stem length. Pendant mount fixtures provide a sloped ceiling canopy. A safety chain connects the cover to the cylinder for easy installation. Choose between a black baffle for minimal light glare or a clear reflector for high output illumination. Maximum wattage is 150W PAR38. Fixtures are damp location rated. Available in black, white or silver finishes. 120V only.

Finish: - B, P, S

Ordering Information:

C16	_____	_____	_____
C – Ceiling Mount	B – Black Baffle	B – Black	
P – Pendant Mount	C – Clear Reflector	P – White	
W – Wall Mount		S – Silver	

ORDER EXAMPLE :

C16WC-P

For Pendant Mount Cylinders, select stem lengths below:

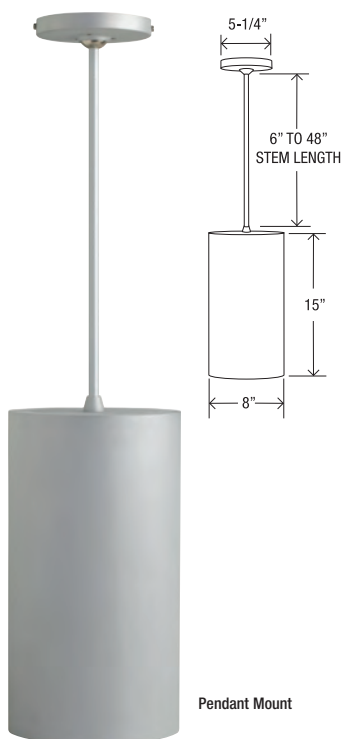
CSK6 – 6" Stem Kit	Stem Dimensions
CSK12 – 12" Stem Kit	Stem O.D.: 12.78mm
CSK18 – 18" Stem Kit	Stem I.D.: 9.30mm
CSK24 – 24" Stem Kit	Thredded
CSK30 – 30" Stem Kit	Portion Length: 19.80mm
CSK36 – 36" Stem Kit	Metric Thread Size: 1/4-18 NPS
CSK48 – 48" Stem Kit	Coupling Length: 39.90MM
Finish: - B, P, S	Coupling O.D.: 16.88MM
	Coupling I.D.: 12.46MM
	Coupling Inner
	Metric Thread Size: 1/4-18 NPS

For additional stem and coupling information refer to page 111.

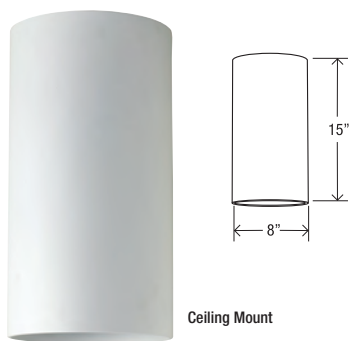
Fixture Finish Codes

B - Black **P** - White **S** - Silver

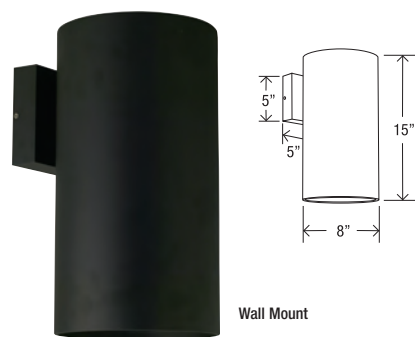
cylinders



Pendant Mount



Ceiling Mount



Wall Mount

LED

PAR38 LED 8" Cylinders

These 8" aperture 12W LED cylinders are constructed of extruded aluminum for indoor commercial and industrial applications. The PureLight LED lamp provides a better way to generate white light that uses a patented mixture of unsaturated yellow and saturated red LEDs. The LED is designed to last 35,000 hours and features a Color Rendering Index (CRI) of 92 with an R9 Red Color Value of 72. The color management system maintains color consistency over time and temperature.

Mounting options include ceiling mount, pendant mount or wall mount. For pendant mount cylinders, select a stem kit (below) for the appropriate stem length. Pendant mount fixtures provide a sloped ceiling canopy. A safety chain connects the cover to the cylinder for easy installation. Fixtures are damp location rated. Available in black, white or silver finishes. 120V only. Dimmable with specific dimmers - consult factory.

Finish: - B, P, S

Finish: - B, P, S

Ordering Information:

CL8EM

C – Ceiling Mount
P – Pendant Mount
W – Wall Mount

C – Clear Reflector

B – Black
P – White
S – Silver

ORDER EXAMPLE:

CL8EMCC-B

For Pendant Mount Cylinders, select stem lengths below:

CSK6 – 6" Stem Kit	Stem Dimensions
CSK12 – 12" Stem Kit	Stem O.D.: 12.78mm
CSK18 – 18" Stem Kit	Stem I.D.: 9.30mm
CSK24 – 24" Stem Kit	Thredded
CSK30 – 30" Stem Kit	Portion Length: 19.80mm
CSK36 – 36" Stem Kit	Metric Thread Size: 1/4-18 NPS
CSK48 – 48" Stem Kit	Coupling Length: 39.90MM
Finish: - B, P, S	Coupling O.D.: 16.88MM
	Coupling I.D.: 12.46MM
	Coupling Inner
	Metric Thread Size: 1/4-18 NPS

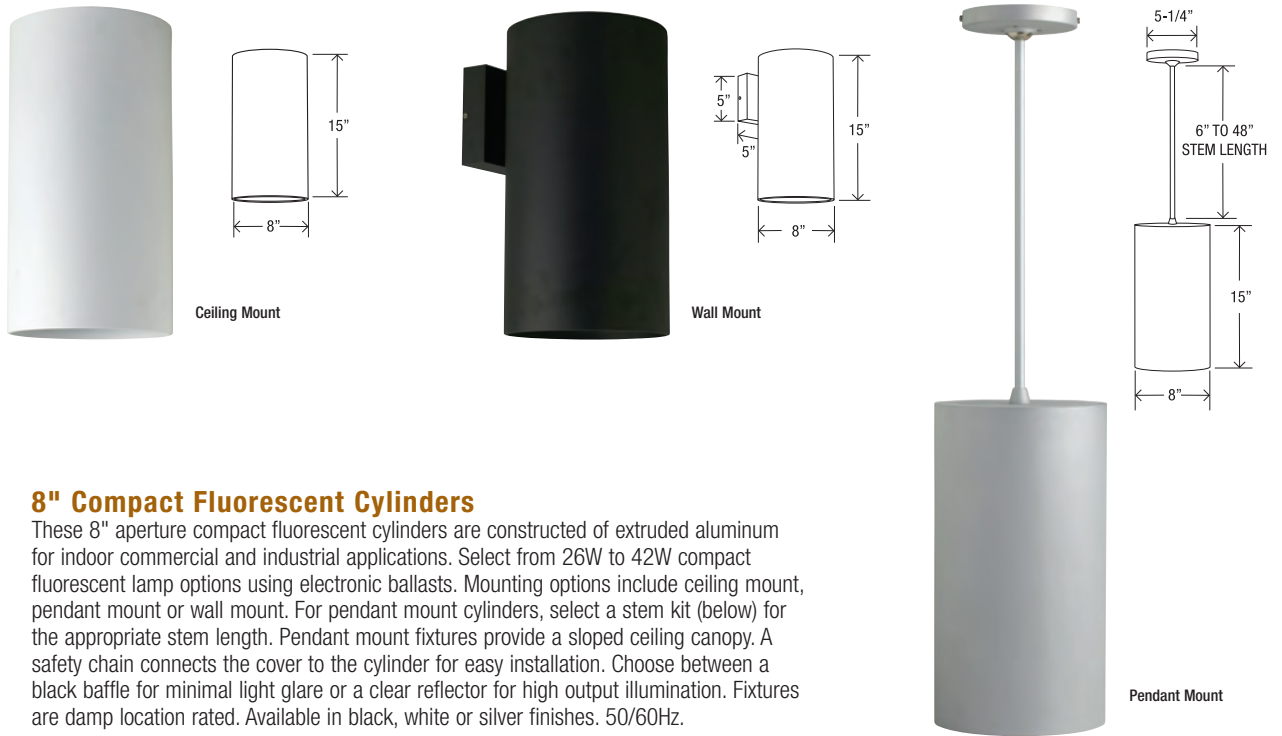
For additional stem and coupling information refer to page 111.

Fixture Finish Codes

B - Black

P - White

S - Silver



8" Compact Fluorescent Cylinders

These 8" aperture compact fluorescent cylinders are constructed of extruded aluminum for indoor commercial and industrial applications. Select from 26W to 42W compact fluorescent lamp options using electronic ballasts. Mounting options include ceiling mount, pendant mount or wall mount. For pendant mount cylinders, select a stem kit (below) for the appropriate stem length. Pendant mount fixtures provide a sloped ceiling canopy. A safety chain connects the cover to the cylinder for easy installation. Choose between a black baffle for minimal light glare or a clear reflector for high output illumination. Fixtures are damp location rated. Available in black, white or silver finishes. 50/60Hz.

Finish: - B, P, S

Ordering Information:

CF8	_____	_____	_____	_____
26 – 26W Quad/TTT Lamp (120/277V)	C – Ceiling Mount	B – Black Baffle	(Leave Blank) – No Dimming	B – Black
32 – 32W TTT Lamp (120/277V)	P – Pendant Mount	C – Clear Reflector	12DAMX – 120V Advance Mark X	P – White
42 – 42W TTT Lamp (120/277V)	W – Wall Mount		12DLHL – 120V Lutron Hi-Lume (26W & 32W only)	S – Silver
			DLEC – 120-277V Lutron Ecosystem (18-42W only)	
			27DAMX – 277V Advance Mark X	
			27DLHL – 277V Lutron Hi-Lume (26W & 32W only)	
			347 – 347V	

ORDER EXAMPLE:
CF832WCDAMX-P

For Pendant Mount Cylinders, select stem lengths below:

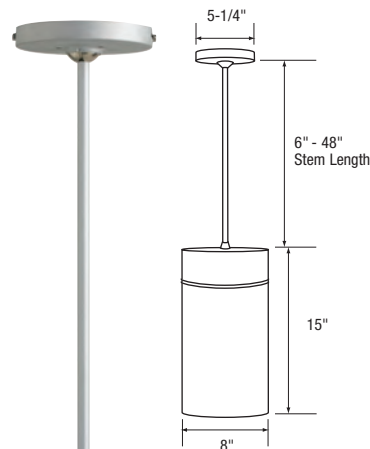
CSK6 – 6" Stem Kit	Stem Dimensions
CSK12 – 12" Stem Kit	Stem O.D.: 12.78mm
CSK18 – 18" Stem Kit	Stem I.D.: 9.30mm
CSK24 – 24" Stem Kit	Thredded
CSK30 – 30" Stem Kit	Portion Length: 19.80mm
CSK36 – 36" Stem Kit	Metric Thread Size: 1/4-18 NPS
CSK48 – 48" Stem Kit	Coupling Length: 39.90MM
Finish: - B, P, S	Coupling O.D.: 16.88MM
	Coupling I.D.: 12.46MM
	Coupling Inner
	Metric Thread Size: 1/4-18 NPS

For additional stem and coupling information refer to page 111.

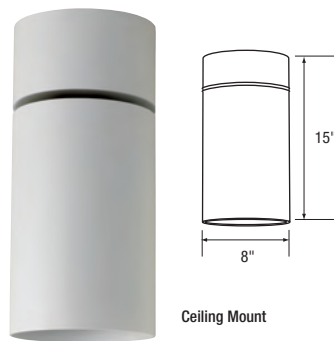
Fixture Finish Codes

B - Black P - White S - Silver

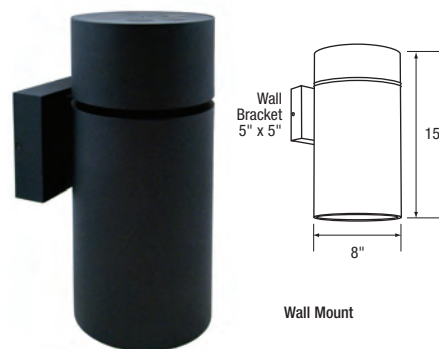
cylinders



Pendant Mount



Ceiling Mount



Wall Mount

8" Metal Halide Cylinders

These 8" aperture metal halide cylinders are constructed of extruded aluminum for indoor commercial and industrial applications. Select from multiple wattage metal halide lamp options using electronic ballasts. Mounting options include ceiling mount, pendant mount or wall mount. For pendant mount cylinders, select a stem kit (below) for the appropriate stem length. Pendant mount fixtures provide a sloped ceiling canopy. A safety chain connects the cover to the cylinder for easy installation. Choose between a black baffle for minimal light glare or a clear reflector for high output illumination. Fixtures are damp location rated. Available in black, white or silver finishes. 50/60Hz. Specify voltage.

Finish: - B, P, S

Ordering Information:

CM8	_____	_____	_____
50	– 50W ED17	C	– Ceiling Mount
70	– 70W ED17, PAR30LN, or PAR38	P	– Pendant Mount
100	– 100W ED17 or PAR38	W	– Wall Mount
150	– 150W ED17 or PAR38 (on pendant and wall mount only)	B	– Black Baffle
		C	– Clear Reflector
		B	– Black
		P	– White
		S	– Silver

ORDER EXAMPLE:

CM870WC-P

For Pendant Mount Cylinders, select stem lengths below:

CSK6	– 6" Stem Kit	Stem Dimensions	
CSK12	– 12" Stem Kit	Stem O.D.:	12.78mm
CSK18	– 18" Stem Kit	Stem I.D.:	9.30mm
CSK24	– 24" Stem Kit	Thredded	
CSK30	– 30" Stem Kit	Portion Length:	19.80mm
CSK36	– 36" Stem Kit	Metric Thread Size:	1/4-18 NPS
CSK48	– 48" Stem Kit	Coupling Length:	39.90MM
		Coupling O.D.:	16.88MM
		Coupling I.D.:	12.46MM
		Coupling Inner	
		Metric Thread Size:	1/4-18 NPS

Finish: - B, P, S

For additional stem and coupling information refer to page 111.

Note: Protected ED17 lamps are required for open luminaire applications

Fixture Finish Codes

B - Black P - White S - Silver



8" Incandescent Cylinders

These 8" aperture incandescent cylinders are constructed of extruded aluminum for indoor commercial and industrial applications. Mounting options include ceiling mount, pendant mount or wall mount. For pendant mount cylinders, select a stem kit (below) for the appropriate stem length. Pendant mount fixtures provide a sloped ceiling canopy. A safety chain connects the cover to the cylinder for easy installation. Choose between a black baffle for minimal light glare or a clear reflector for high output illumination. Maximum wattage is 250W PAR38. Fixtures are damp location rated. Available in black, white or silver finishes. 120V only.

Finish: - B, P, S

Ordering Information:

C18	_____	_____	-	_____
C	Ceiling Mount	B	Black Baffle	B Black
P	Pendant Mount	C	Clear Reflector	P White
W	Wall Mount			S Silver

ORDER EXAMPLE:

C18WC-P

For Pendant Mount Cylinders, select stem lengths below:

CSK6	- 6" Stem Kit	Stem Dimensions	
CSK12	- 12" Stem Kit	Stem O.D.:	12.78mm
CSK18	- 18" Stem Kit	Stem I.D.:	9.30mm
CSK24	- 24" Stem Kit	Thredded	
CSK30	- 30" Stem Kit	Portion Length:	19.80mm
CSK36	- 36" Stem Kit	Metric Thread Size:	1/4-18 NPS
CSK48	- 48" Stem Kit	Coupling Length:	39.90MM
		Coupling O.D.:	16.88MM
		Coupling I.D.:	12.46MM
		Coupling Inner	
		Metric Thread Size:	1/4-18 NPS

Finish: - B, P, S

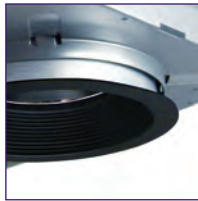
For additional stem and coupling information refer to page 111.

Fixture Finish Codes

B - Black **P** - White **S** - Silver



the
power
of



r e c e s s e d l i g h t i n g



Recessed lighting has the power to transform the atmosphere of virtually any interior. The effects you can achieve with recessed lighting range from subtle to dramatic. The correct lighting can enhance a room's layout, design and texture. Recessed lighting can make an office more professional and functional. It can also create a living room that radiates warmth and elegance. Whatever your vision, Con-Tech has the quality and high-performing products you need to create the effects you desire.

StopAire® Recessed Fixtures

As lighting and energy costs keep rising, lighting fixtures play an important role in energy consumption. Not only is the electricity used to power each fixture a consideration but also each fixture's effect on heating and air conditioning costs. StopAire fixtures by Con-Tech are engineered to minimize lighting's effects on heating and cooling costs. Standard recessed housings can allow 6.0 cubic ft. per minute of air leakage to escape into unconditioned spaces. StopAire fixtures prevent this leakage by sealing all air pathways between living areas and over-ceiling spaces. Additionally, some of these sealed housings can be covered with insulation.

ENERGY STAR Qualified Fixtures

Using Con-Tech's energy-efficient lighting fixtures in buildings not only deliver immediate cost savings but also better system efficiency, offering a sustained productivity increase for even greater value. The ENERGY STAR label is a widely recognized industry qualification awarded to products for energy efficiency.

Custom Fixture Rating Label Service

In order to help meet the power requirements of energy codes such as ASHRAE/IESNA 90.1, Con-Tech offers a Custom Labeling Program. This allows fixture-rating labels to reflect the actual specified wattage rather than the maximum rating of the selected fixture. In cases where conformance to unit-power density requirements becomes a design challenge, this labeling option can help you meet your design requirements. As an example, a 75W PAR30 fixture may be relabeled with a 50W maximum rating resulting in a 25W savings on your energy calculations. To participate in this service please contact your Con-Tech Sales Representative.




r e c e s s e d t r i m f i n i s h e s



Black



Black Cast Aluminium



Brushed Copper



Brushed Stainless Steel



Clear Specular



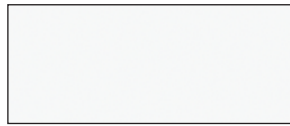
Matte Platinum



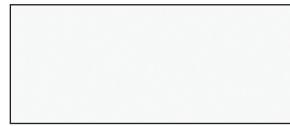
Brushed Nickel



Silver



White



White Cast Aluminium

r e c e s s e d r e f l e c t o r f i n i s h e s

s t a n d a r d f i n i s h e s



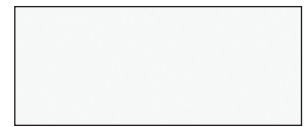
Clear



Black



Matte Platinum



White

Note: Consult factory for custom reflector colors.

LED

3" HOUSINGS & TRIMS



4" HOUSINGS & TRIMS



6" HOUSING & TRIMS

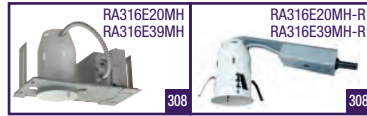


METAL HALIDE HOUSINGS & TRIMS

ENVISION GX10 HOUSINGS & TRIMS



3" VERTICAL ELECTRONIC



4" T4 & T6 VERT. ELEC.



4" MINI RECESSED STEALTH



4" VERTICAL ELECTRONIC



6" T4 VERT. ELECTRONIC



6" T6 VERT. ELECTRONIC



6" VERTICAL ELECTRONIC



6" VERTICAL MAGNETIC



6" INT. ADJ. ELECTRONIC



6" INT. ADJ. MAGNETIC



6" T4 RECESSED STEALTH



6" T6 RECESSED STEALTH



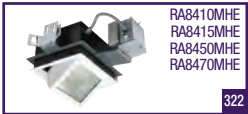
8" VERTICAL ELECTRONIC



8" VERTICAL MAGNETIC



8" RECESSED STEALTH



LOW VOLTAGE

3" HOUSINGS & TRIMS



4" HOUSINGS & TRIMS



4" HOUSINGS & TRIMS (continued)



ENVISION HOUSINGS & TRIMS



MR16 LINE VOLTAGE

4" HOUSINGS & TRIMS



INCANDESCENT

4" VERTICAL HOUSINGS & TRIMS



5" VERTICAL HOUSINGS & TRIMS



6" VERTICAL HOUSINGS & TRIMS



ARCHITECTURAL 6" HOUSINGS & TRIMS



ARCHITECTURAL 6" INT. ADJ.



ARCHITECTURAL 8" HOUSING & TRIMS

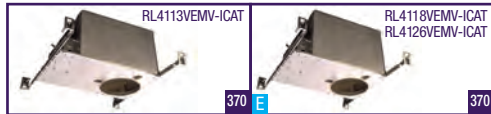


SLOPED CEILING 6" HOUSINGS & TRIMS



COMPACT FLUORESCENT RESIDENTIAL

4" HOUSINGS & TRIMS



6" HOUSINGS & TRIMS



E = Energy Star compliant

6" ICAT REMODEL



6" ICAT SLOPED CEILING



COMPACT FLUORESCENT HOUSINGS & TRIMS

4" VERTICAL ARCHITECTURAL 4-PIN



6" HORIZONTAL 4-PIN SHALLOW ELECTRONIC



ARCHITECTURAL 4-PIN ELECTRONIC



6" VERTICAL 2-PIN MAGNETIC



4-PIN ELECTRONIC



ARCHITECTURAL 4-PIN ELECTRONIC



6" WALL WASH 4-PIN ANGLED ELECTRONIC



8" HORIZONTAL ARCHITECTURAL 4-PIN ELECTRONIC



8" VERTICAL ARCHITECTURAL 4-PIN ELECTRONIC



SPECIFICATION 4-PIN SHALLOW



8" SQUARE 4-PIN ELECTRONIC



CONCEALED ADJUSTABLE ILLUMINATION



MR16

MR16 Metal Halide

PAR20 and PAR30



LED



INCANDESCENT



LOW VOLTAGE



METAL HALIDE



Recessed Lighting Overview



LED *pages 290-303*

Con-Tech Lighting has incorporated the latest LED technology into our recessed housings. With proper thermal management, optical design and electrical management, we can provide maximum light output, quality color rendering and optimal life span for the fixtures.



Metal Halide *pages 304-323*

Con-Tech's metal halide lighting systems are ideal for higher ceilings or those areas requiring a high level of illumination. Energy efficient metal halide is perfect for commercial or retail spaces, producing energy savings with up to 94 lumens per watt versus the average incandescent at 15 lumens per watt.



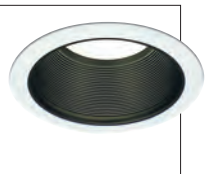
Low Voltage *pages 324-339*

Low voltage lighting offers a variety of decorative effects that create a dramatic architectural statement. In addition to aesthetics, the many benefits of using low voltage lighting include beam control and increased energy efficiency.



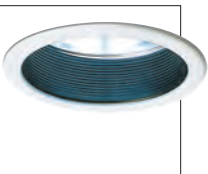
MR16 Line Voltage *pages 340-343*

We've combined the benefits of low voltage MR16 lighting and the ease of line voltage fixtures without the need for a transformer.



Incandescent *pages 344-367*

Con-Tech's line of incandescent recessed housings combine beauty, utility, cost-effectiveness, and versatility. You can choose between standard and architectural grade offerings.



Compact Fluorescent *pages 368-407*

Con-Tech's compact fluorescent lighting provides commercial and residential consumers with a high-performance illumination system. They are available in standard, architectural, and specification grades with a wide range of reflector trims to match any specific requirement.



Sloped Ceiling *Incandescent: pages 364-366, Compact Fluorescent: pages 378-379*

When challenged by a vaulted ceiling, Con-Tech Lighting offers a number of high-quality solutions designed to provide vertical, glare-free light.



Concealed Adjustable Illumination *pages 408-427*

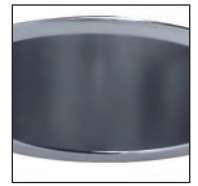
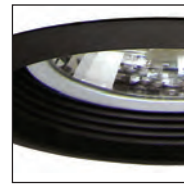
Seamlessly blends into the architectural integrity of your environment offering extreme versatility in accent lighting. The Varia and Accentuate product lines provide the finest quality available in Concealed Adjustable Illumination. These luminaires are offered with LED, CMH, PAR incandescent, MR16, and AR111 lamps.





MASERATI



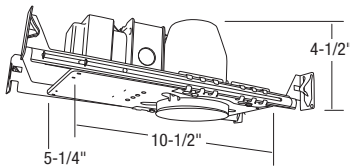


L E D

Con-Tech Lighting offers recessed lighting with the advantages of LED technology, including long life, energy savings, and great color. Our integrated LED downlights offer a multitude of superior performance lumen packages, excellent cutoff, and energy savings. We have incorporated our 12W specification grade, Pure Light PAR38 LED lamp into our recessed fixtures to provide long life with a superior CRI of 92. Ideal for retail and commercial applications, these specification grade fixtures are available in new construction, StopAire®, remodel and IC platforms.

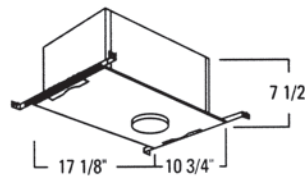


NEW



Ceiling Opening:
3-7/8"
Ceiling Thickness:
1/2" - 1"

NEW



Ceiling Opening:
3-7/8"
Ceiling Thickness:
1/2" - 1"

LVR3164L, LVR3164L 277V

New Construction

Max. lamp: 7W MR16 LED, 12V

- 120/12V or 277/12V models feature a thermally protected magnetic Class H transformer.
- Designed for solid or suspended ceilings.
- J-Box – (3) 1/2" knockouts and spring latch access plates.
- New construction models approved for through-circuit 90°C wiring. Maximum of 5 No. 12 AWG.
- The lamp housing is removable through ceiling aperture for access to junction box.
- Snap-off transformers.
- "Sure-Grip" springs permit the housing to be lowered and to adjust to ceiling thickness.
- cULus listed for damp locations.

Reversible dual extension hanger bars span from 15" to 25.25". Integral holding spikes for easy mounting to wood joists. Hanger bars may also be extended to rest on T-bar ceilings. Optional clip-on T-bar hangers also available.

May be used with RL-KIT optional mounting bracket.

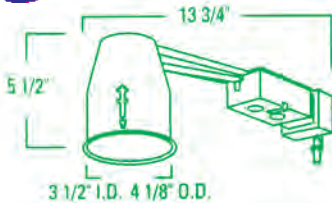
LVR3164L

Insulated Ceiling / StopAire® Air-tight Applications

Max. lamp: 7W MR16 LED, 12V

- 120/12V thermally protected magnetic Class H transformer.
- Designed for solid or suspended ceilings.
- J-Box – (4) 1/2" and (2) 3/4" knockouts with spring latch access plates.
- The J-Box cover is removable through ceiling aperture for access to junction box.
- Transformer removable through ceiling aperture.
- "Sure-Grip" spring permits the inner housing to be lowered for adjustment to ceiling thickness.
- cULus listed for damp locations.
- For insulated ceilings conforming to Washington State Energy Code (WSEC) for low air infiltration.

NEW



Ceiling Opening:
3-7/8"
Ceiling Thickness:
1/2" - 1"

LVR316R4L

Remodel

Max. lamp: 7W MR16 LED, 12V

- 120/12V thermally protected magnetic Class H "in-line" transformer.
- Designed for solid or suspended ceilings.
- J-Box – (6) 1/2" knockouts and spring latch access plates.
- Lamp housing is removable through ceiling aperture for access to junction box.
- Replaceable transformer.
- Retractable mounting clips allow for easy installation into existing ceiling.
- cULus listed for damp locations.

Housings this page feature:

- High performance downlight with a replaceable 7W MR16LED lamp. GU5.3 Base, 12V, Dimmable.
- Replaceable LED lamp allows a simple and inexpensive way to change beam spreads and color temperature, without having to buy a new fixture. Replacement lamps available on page 508.
- Warm White (3000K) LEDs are available in 8°, 25°, and 35° beam distributions.
- High visual comfort with 20° cut-off.
- Choice of five (5) trim options.
- 7 watt MR16 LED operating range -
C: -25°C – 40°C
F: -13°F – 104°F

ORDER EXAMPLE:

Example Housing Order Number

LVR316R4L

Trim

CTR307

Finish

+ -WHT =

Example Trim Order Number

CTR307-WHT



CTR301-WHT

CTR301-B
Adjustable Black Baffle, Black Trim

CTR301-P
Adjustable Baffle (Black)

CTR301-WHT
Adjustable Baffle (White)

15° Vertical Swing Range

Max. Lamp: 7W MR16LED Module, 12V, GU5.3 Base

OD: 4-1/4", **ID:** 2-7/8"

Lens Size: 45mm

Trim Finish: Black, White

See Note 1 Below



CTR303N-P

CTR303N-P
Slotted Wall Wash

Slotted adjustable wall wash trim provides broad illumination. The slot aperture permits maximum beam area adjustment for either wall wash or concealed accent lighting effects. Internal 50° swing adjustment and external 358° rotation. Black interior surface.

Max. Lamp: 7W MR16LED Module, 12V, GU5.3 Base

OD: 4-1/4"

ID: 1-3/8" x 2-1/2"

Lens Size: 45mm

Trim Finish: White

See Note 1 Below



CTR306-P

CTR306-P
Surface Adjustable (Black Baffle)

Beauty and utility in a circular, die-cast, adjustable trim—40° maximum vertical swing, 359° rotational. The neat, regressed black baffle reduces surface brightness. Exclusive flat, stainless mounting springs. Holds trim firmly to ceiling.

Max. Lamp: 7W MR16LED Module, 12V, GU5.3 Base

OD: 4-1/4", **ID:** 2-7/8"

Lens Size: 50mm

Trim Finish: White

See Note 1 Below



CTR307-WHT

CTR307-WHT
Adjustable Pin Spot

CTR307-(B, NK, P)
Adjustable Pin Spot (Black Baffle)

Precise, adjustable beam aiming with this pin spot. Deep baffle for maximum lamp concealment. May be used as a pin spot style downlight or an adjustable accent light. With rotational capability and a broad, 35° vertical swing range. Choose black or white baffle.

Max. Lamp: 7W MR16LED Module, 12V, GU5.3 Base

OD: 4-1/4", **ID:** 2-7/8"

Lens Size: 45mm

Trim Finish: Black, Brushed Nickel, White

See Note 1 Below



CTR325-NK

CTR325-(B, NK, P)
Fully Adjustable

Unsurpassed aiming flexibility: 359° rotational, 87° vertical. Variety of designer finishes available for any décor or environment. Use for downlighting or accent lighting applications. Easy relamping with twist-off front retaining ring. Exclusive stainless flat springs insure firm, close-to-ceiling mounting.

Max. Lamp: 7W MR16LED Module, 12V, GU5.3 Base

OD: 4-1/4"

Lens Size: 50mm

◀ Trims shown for use with housings on page 292

Note: On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 LED lamps with optics is required, remove the factory provided clear tempered safety lens.

Note 1: For 2 light control elements, trim uses stepped lens holder. Insert 45mm lens on lower level of lamp seat. Insert 50mm lens/louver on higher portion.

..... FEATURING **CAST ALUMINUM TRIM CONSTRUCTION**

Reflector Finish Codes

BLK - Black

WHT - White

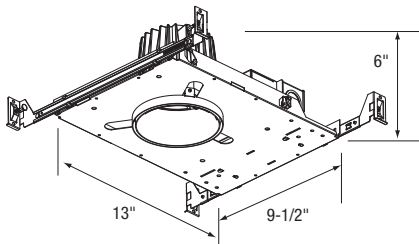
Trim Finish Codes

B - Black

NK - Brushed Nickel

P - White

NEW

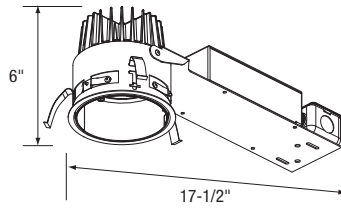


Aperture: 4-3/8"
Ceiling Opening: 4-7/8"
Pan Dimensions: 9-1/2"W x 13"L
Ceiling Thickness: 1/2" - 2"

RA4LNC
New Construction

Max. Lamp: 16W, 1000 Series LED Module, 120/277V
29W, 2000 Series LED Module, 120/277V

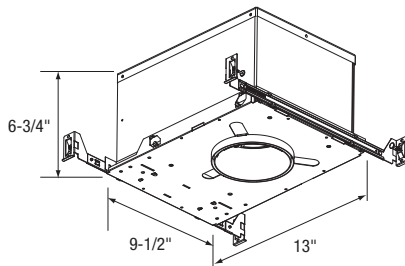
- Available with a factory installed battery pack (available for this model only).



Aperture: 4-3/8"
Ceiling Opening: 4-7/8"
Ceiling Thickness: 1/2" - 5/8"

RA4LRM
Remodel Housing

Max. Lamp: 16W, 1000 Series LED Module, 120/277V
29W, 2000 Series LED Module, 120/277V



Aperture: 4-3/8"
Ceiling Opening: 4-7/8"
Pan Dimensions: 9-1/2"W x 13"L
Ceiling Thickness: 1/2" - 2"

RA4LSA, RA4LIC
StopAire®/Chicago Plenum and Insulated Ceiling/IC Housing

Max. Lamp: 16W, 1000 Series LED Module, 120/277V
29W, 2000 Series LED Module, 120/277V

- Stop Aire/Chicago Plenum Housing meets the restricted airflow requirements per ASTM-283 and conforms to Washington State Energy Code for low air infiltration.
- Insulated Ceiling/IC Housing is thermally protected for use in applications with direct contact with insulation materials.

Housings on this page feature:

- Two LED Modules are available; both feature a high output multi-chip array arranged into a single LED package, enabling precise optical control without requiring lensing to diffuse and homogenize multiple LED sources and are available in (3) standard color temperature options: 2700K, 3000K and 3500K.
- 1000 Series LED Module delivers 1000 lumens with an input wattage rating of 16W.
- 2000 Series LED Module delivers 2000 lumens with an input wattage rating of 29W.
- 3-step MacAdam Ellipse Binned LEDs to ensure consistent fixture to fixture color temperature.
- Die cast aluminum heat sink thermally engineered to maintain optimal LED junction temperature; 70% lumen maintenance at 50,000 hours.
- Dimming comes standard on all housings with both LED modules. Choose from standard TRIAC dimming (1000 Series only), 0-10V dimming or the high performance Lutron Hi-lume® dimming, which enables dimming down to 1%.
- Quick-connect LED Light Engine for easy installation and removal.
- Drivers are fully accessible from below the ceiling and can be easily removed.
- Optimized downlight trim geometry and surface finishes reduce brightness with superior glare control.
- Specification grade housings constructed of 16 gauge galvanized steel.
- Adjustable hanger bars included (except Remodel housing).

Ordering Information:

Housing	LED Module/Color Temp	Driver/Dimming	Trim Type	Battery Back Up	CSA Listing
RA4LNC – New Construction	1000 Series	12D1² – 120V TRIAC Dimming	– All Others Leave Blank	NC Housings Only – No Battery Back-Up Leave Blank	– Listed for use in U.S. Leave Blank
RA4LIC¹ – Insulated Ceiling	127K – 16W/2700K				
RA4LRM – Remodel	130K – 16W/3000K	12D2 – 120V Non-Dimming/ 0-10V Dimming	W – Wall Wash	EBL – Factory Installed 7W/300mA Emergency Battery Back Up	C – Listed for use in Canada ³
RA4LSA – StopAire®/ Chicago Plenum	135K – 16W/3500K				
	2000 Series	12D3 – 120V Lutron HiLume Dimming			
	227K – 29W/2700K				
	230K – 29W/3000K	27D2 – 277V Non-Dimming/ 0-10V Dimming			
	235K – 29W/3500K				

1. IC Housing with the 2000 Series Module is only available with the D3 driver option.
2. 12D1 driver option is available on the 1000 Series LED Module only.
3. MUST use cCSAus compliant trim.

ORDER EXAMPLE:

Example Housing Order Number

RA4LSA-127K12D3

Trim

CST4321L

Reflector Finish

-CLR

Cone/Baffle Finish

-PL

Example Trim Order Number

CST4321L-CLR-PL

NEW

LED

1000 and 2000 SERIES 4" LED TRIMS



CST4322L-CLR

CST4322L-(CLR, PL, WHT)
*Specification Grade
Specular Reflector*

OD: 5-5/8"
ID: 4-3/8"



CTR4321-CLR-PL

CTR4321-(CLR, WHT)-(CLR, PL)*

- Clear or White Upper Reflector, Clear or Platinum Lower Cone
- Includes (1) LF20-CL Glass Lens.

OD: 5-5/8"
ID: 4-3/8"



CTR4321-CLR-B

CTR4321-(CLR, WHT)-(B, P)*

- Clear or White Upper Reflector, Black or White Lower Baffle
- Includes (1) LF20-CL Glass Lens.

OD: 5-5/8"
ID: 4-3/8"



CTR4327L-CLR-PL

CTR4327L-(CLR, WHT)-(CLR, PL)*

- Clear or White Upper Reflector, Clear or Platinum Lower Cone
- Regressed Prismatic Convex Lens
- Wet location listed

OD: 5-5/8"
ID: 4-3/8"

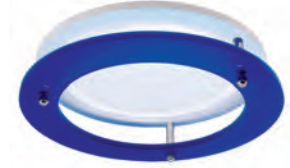


CTR4327L-CLR-P

CTR4327L-(CLR, WHT)-(B, P)*

- Clear or White Upper Reflector, Black or White Lower Baffle
- Regressed Prismatic Convex Lens
- 1-1/2" Regress
- Wet location listed

OD: 5-5/8"
ID: 4-3/8"



CTR4324L-WHT-P 1AR4B

**CTR4324L-(CLR, WHT)-P
1AR4(B,F,G,R,Y)**
Single Floating Colored Acrylic Ring

- Clear or White Reflector

OD: 5-5/8"
ID: 4-3/8"
Drop from Ceiling: 1-1/2"



CTR4323L-CLR

CTR4323L-(CLR, PL, WHT)*
Lensed Wall Wash Trim

- Clear, Platinum or White Upper Reflector

OD: 5-1/2"
ID: 4"



CTR4325L-CLR-P

CTR4325L-(CLR, WHT)-P*
Floating Glass Disc

- Clear or White Reflector

OD: 5-5/8"
ID: 4-3/8"
Drop from Ceiling: 1-1/4"



CTR4324L-WHT-P 2AR4B

**CTR4324L-(CLR, WHT)-P
2AR4(B,F,G,R,Y)**
*Stacked Floating Colored
Acrylic Rings*

- Clear or White Reflector

OD: 5-5/8"
ID: 4-3/8"
Total Drop from Ceiling: 2-3/4"



CTR4326L-CLR-P

CTR4326L-(CLR, WHT)-P
Floating Glass Ring

- Clear or White Reflector

OD: 5-5/8"
ID: 4-3/8"
Drop from Ceiling: 1-1/4"
Center Hole Diameter: 3-1/2"

Reflector Finish Codes

CLR - Clear Specular Reflector
PL - Platinum

WHT - White Baffle

Trim, Cone and Baffle Finish Codes

B - Black
CLR - Clear

P - White
PL - Platinum

*Approved for use in Canada (cCSAus compliant trim)

Acrylic Ring Finish Codes

B - Blue

F - Frosted

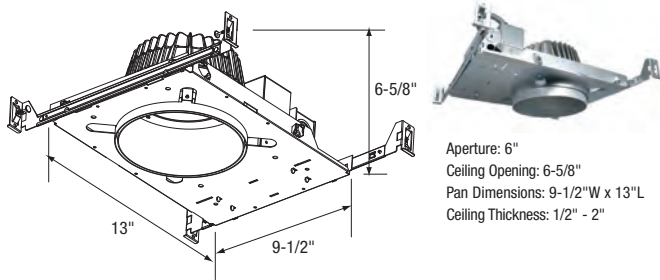
G - Green

R - Red

Y - Yellow



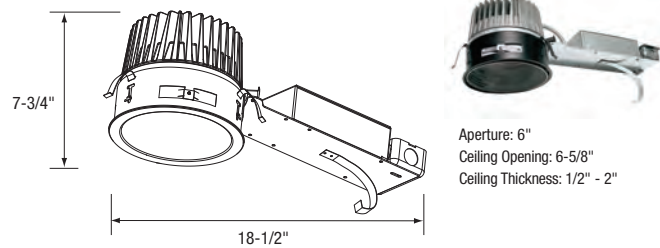
NEW



Aperture: 6"
Ceiling Opening: 6-5/8"
Pan Dimensions: 9-1/2"W x 13"L
Ceiling Thickness: 1/2" - 2"

RA6LNC
New Construction

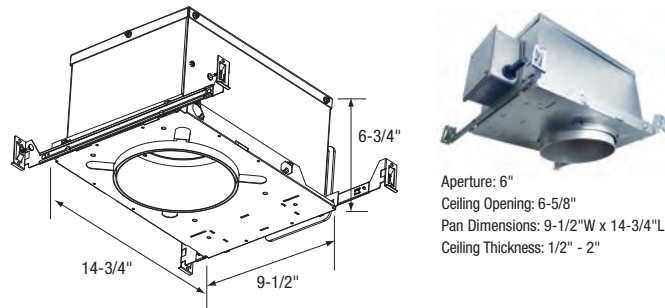
Max. Lamp: 16W, 1000 Series LED Module, 120/277V
29W, 2000 Series LED Module, 120/277V
45W, 2700 Series LED Module, 120/277V



Aperture: 6"
Ceiling Opening: 6-5/8"
Ceiling Thickness: 1/2" - 2"

RA6LRM
Remodel

Max. Lamp: 16W, 1000 Series LED Module, 120/277V
29W, 2000 Series LED Module, 120/277V
45W, 2700 Series LED Module, 120/277V



Aperture: 6"
Ceiling Opening: 6-5/8"
Pan Dimensions: 9-1/2"W x 14-3/4"L
Ceiling Thickness: 1/2" - 2"

RA6LSA, RA6LIC
StopAire®/Chicago Plenum and Insulated Ceiling/IC Housing

Max. Lamp: 16W, 1000 Series LED Module, 120/277V
29W, 2000 Series LED Module, 120/277V
45W, 2700 Series LED Module, 120/277V

- Stop Aire/Chicago Plenum Housing meets the restricted airflow requirements per ASTM-283 and conforms to Washington State Energy Code for low air infiltration.
- Insulated Ceiling/IC Housing is thermally protected for use in applications with direct contact with insulation materials.

Housings on this page feature:

- LED Module features a high output multi-chip array arranged into a single LED package, enabling precise optical control without requiring lensing to diffuse and homogenize multiple LED sources and is available in (3) standard color temperature options: 2700K, 3000K and 3500K.
- Consistent fixture to fixture color temperature.
- 1000 Series LED Module delivers 1000 lumens with an input wattage rating of 16W.
- 2000 Series LED module delivers 2000 lumens with an input wattage of 29W.
- 2700 Series LED module delivers 2700 lumens with an input wattage of 45W.
- 3-step MacAdam Ellipse Binned LEDs to ensure consistent fixture to fixture color temperature.
- Die cast aluminum heat sink thermally engineered to maintain optimal LED junction temperature; 70% lumen maintenance at 50,000 hours.
- Dimming comes standard on all housings. Choose from standard TRIAC dimming, 0-10V dimming or the high performance Lutron Hi-Lume® dimming, which enables dimming down to 1%.
- Quick-connect LED Light Engine for easy installation and removal.
- Drivers are fully accessible from below the ceiling for easy removal.
- Optimized downlight trim geometry and surface finishes reduce brightness with superior glare control.
- Specification grade housings constructed of 16 gauge galvanized steel.
- Adjustable hanger bars included (except Remodel housing).

Ordering Information:

Housing	LED Module/Color Temp	Driver/Dimming	Trim Type	Battery Back Up	CSA Listing
RA6LNC – New Construction	1000 Series	12D1² – 120V TRIAC Dimming	– All Others Leave Blank	NC Housings Only – No Battery Back-Up Leave Blank	– Listed for use in U.S. Leave Blank
RA6LIC¹ – Insulated Ceiling	427K – 16W/2700K		W – Wall Wash		
RA6LRM – Remodel	430K – 16W/3000K	12D2 – 120V Non-Dimming/ 0-10V Dimming			
RA6LSA – StopAire®/ Chicago Plenum	435K – 16W/3500K	12D3 – 120V Lutron HiLume Dimming		EBL – Factory Installed 7W/300mA Emergency Battery Back Up	C – Listed for use in Canada ³
	2000 Series	27D2 – 277V Non-Dimming/ 0-10V Dimming			
	2700 Series 4				
	527K – 29W/2700K				
	530K – 29W/3000K				
	535K – 29W/3500K				
	627K – 45W/2700K				
	630K – 45W/3000K				
	635K – 45W/3500K				

1. IC Housing with the 2000 Series Module is only available with the D3 driver option.
2. 12D1 driver option is available on the 1000 Series LED Module only.
3. MUST use cCSAus compliant trim.
4. Not available in IC and SA Series.

ORDER EXAMPLE:

Example Housing Order Number

RA6LNC-127K12D2

Trim

CTR6325L

Reflector Finish

-CLR

Trim Finish

-P

Example Trim Order Number

CTR6325L-CLR-P

NEW

LED

1000, 2000 and 2700 SERIES 6" LED TRIMS



CST6322L2-CLR

CST6322L2-(CLR, PL, WHT)
*Specification Grade
Specular Reflector*

OD: 7-7/8"
ID: 5-3/4"

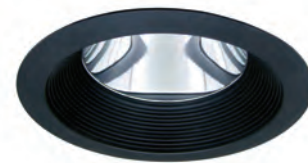


CTR6321L2-CLR-PL

CTR6321L2-(CLR, WHT)-(CLR, PL)*

- Clear or White Upper Reflector, Clear or Platinum Lower Cone
- Includes (1) LF38-CL Glass Lens.

OD: 7-1/4"
ID: 5-3/4"



CTR6321L2-CLR-B

CTR6321L2-(CLR, WHT)-(B, P)*

- Clear or White Upper Reflector, Black or White Lower Baffle
- Includes (1) LF38-CL Glass Lens.

OD: 7-1/4"
ID: 5-3/4"



CTR6327L2-CLR-PL

CTR6327L2-(CLR, WHT)-(CLR, PL)*

- Clear or White Upper Reflector, Clear or Platinum Lower Cone
- Regressed Prismatic Convex Lens
- Wet location listed

OD: 7-1/4"
ID: 5-3/4"

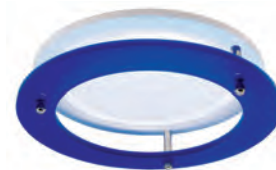


CTR6327L2-CLR-P

CTR6327L2-(CLR, WHT)-(B, P)*

- Clear or White Upper Reflector, Black or White Lower Baffle
- Regressed Prismatic Convex Lens
- 1-1/2" Regress
- Wet location listed

OD: 7-1/4"
ID: 5-3/4"



CTR6324L2-WHT-P 1AR6B

**CTR6324L2-(CLR, WHT)-P
1AR6(B,F,G,R,Y)**
Single Floating Colored Acrylic Ring

- Clear or White Reflector

OD: 8-3/4"
ID: 5-3/4"
Drop from Ceiling: 1-1/2"



CTR6323L2-CLR

CTR6323L2-(CLR, PL, WHT)*
Lensed Wall Wash Trim

- Clear, Platinum or White Upper Reflector

OD: 7-1/4"
ID: 5-3/4"



CTR6325L2-CLR-P

CTR6325L2-(CLR, WHT)-P*
Floating Glass Disc

- Clear or White Reflector

OD: 8-3/4"
ID: 5-3/4"
Drop from Ceiling: 1-1/2"



CTR6324L2-WHT-P 2AR6B

**CTR6324L2-(CLR, WHT)-P
2AR6(B,F,G,R,Y)**
Stacked Floating Colored Acrylic Rings

- Clear or White Reflector

OD: 8-3/4"
ID: 5-3/4"
Total Drop from Ceiling: 2-3/4"



CTR6326L2-CLR-P

CTR6326L2-(CLR, WHT)-P
Floating Glass Ring

- Clear or White Reflector

OD: 8-3/4"
ID: 5-3/4"
Drop from Ceiling: 1-1/2"
Center Hole Diameter: 3-1/2"

Reflector Finish Codes

CLR - Clear Specular Reflector	WHT - White Baffle
PL - Platinum	

Trim, Cone and Baffle Finish Codes

B - Black	P - White
CLR - Clear	PL - Platinum

*Approved for use in Canada (cCSAus compliant trim)

Acrylic Ring Finish Codes

B - Blue	F - Frosted	G - Green	R - Red	Y - Yellow
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The following Con-Tech Products are compatible with the dimmers listed below.

4" and 6" 1000 Series: Standard, 0-10V DC and LUTRON Hi-lume® Dimming

4" and 6" 2000 Series: 0-10V DC and LUTRON Hi-lume® Dimming

6" 2700 Series: 0-10V DC and LUTRON Hi-lume® Dimming:

Standard TRIAC Dimming (4" 1000 SERIES and 6" 1000 SERIES)

120V AC Dimming: Incandescent (INC) and Magnetic Low Voltage (MLV) Dimmers

Standard 120V AC line voltage dimmers for incandescent and magnetic low voltage loads adjust the light with "forward phase control", where the dimmer "chops" the forward part of the AC wave to deliver less or more power to the light source. No neutral wire connection required.

120V AC Dimming: Electronic Low Voltage (ELV) Dimmers

Standard 120V AC line voltage dimmers for electronic low voltage loads adjust the light with "reverse phase control", where the dimmer "chops" the back part of the AC wave to deliver less or more power to the light source. Neutral wire connection is required.

Both systems above are typically dimmable to 10%. LED Dimming performance may vary based on dimmer model, manufacturer, circuit wiring and circuit loading. Consult dimmer manufacturer for the latest dimmer information.

Recommended Dimmers

Standard Dimmers:

- Lutron Skylark Series (Part #s **S-600, S2-LH**)
- Lutron Maestro Series (Part # **MAW-600**)
- Cooper Aspire Series (Part # **9530XXX**)
- Leviton Illumitech Series (Part # **IPI06-XXX**)
- Leviton Trimatron Series (Part #s **6602-X, 6681-X, 6683-X, 6684-X, 700-X, and 705-X**)
- Leviton SureSlide Series (Part # **6631**)
- Leviton True Torch Series (Part # **6606-1LM**)

Electronic Low Voltage Dimmers:

- Lutron Nova T Series (Part # **NTELV-600**)
- Lutron Faedra (Part # **FAELV-500-XX**)
- Leviton Acenti (Part # **ACE06-XXX**)

Dimmer maximum load rating with LED may differ from published traditional source dimmer ratings. Consult dimmer manufacturer for maximum dimmer information.

The following Con-Tech Products are compatible with the dimmers listed below.

4" and 6" 1000 Series: Standard, 0-10V DC and LUTRON Hi-lume® Dimming

4" and 6" 2000 Series: 0-10V DC and LUTRON Hi-lume® Dimming

6" 2700 Series: 0-10V DC and LUTRON Hi-lume® Dimming:

0-10V DC Dimming (4" 1000 and 2000 SERIES; 6" 1000, 2000 and 2700 SERIES)

0-10V DC Dimming is a common type of dimming for many commercial applications. Many local codes require the contractor to separate the low and line voltage wiring in the junction box. 0-10V DC Low voltage dimming operates using two low voltage dimming wires that are separate from the 120V or 277V AC power. The 0-10V dimmer switch sends a variable output voltage to the fixture based upon the dimming level. 10V corresponds to undimmed operation, 5V to 50% and so on. Switching on/off is controlled with the line voltage power (120V or 277V AC) input to the dimmer and then dimming operation is controlled with the 0-10V DC low voltage wiring connection between the dimmer and the LED driver. The control signal runs on two low voltage control wires (color coded violet and gray).

These systems are typically dimmable to 15%. LED Dimming performance may vary based on dimmer model, manufacturer, circuit wiring and circuit loading. Consult dimmer manufacturer for the latest dimmer information.

Recommended Dimmers

- Lutron DTVV
- Leviton IP710

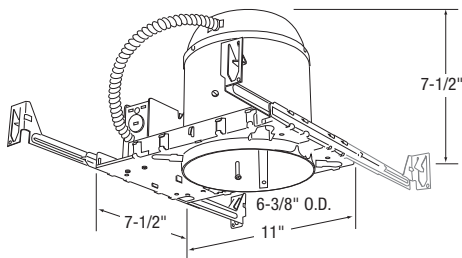
LUTRON Hi-lume® Dimming (4" 1000 and 2000 SERIES; 6" 1000, 2000 and 2700 SERIES)

Lutron Hi-Lume® LED A-Series drivers offer high performance, continuous dimming from 1% – 100%. For a complete list of compatible dimmers and controls, please visit www.lutron.com.

Notes

- Consult factory for additional dimming information.
- Testing has been performed on the dimmers listed, but this does not imply any warranty of compatibility.

All specifications subject to change without notice.



Aperture: 6-1/4"
 Ceiling Opening: 6-1/2"
 Pan Dimensions: 7-1/2" W x 11" L
 Ceiling Thickness: 1/2" - 1-3/4"

RL38LEM
New Construction

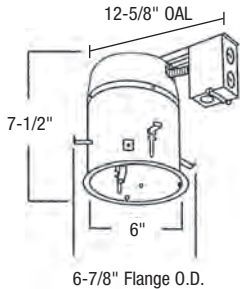
Max. lamp: 12W Pure Light E26 PAR38 LED, 120V

- White steel housing.
- Prewired junction box with convenient screwdriver pry-outs: (6) 1/2", (1) 1/2x3/4" concentric, and (4) Romex knockouts.
- Requires 3" minimum clearance in insulated ceilings.
- Spring-latch access plates.
- Adjustable socket mounting plate (Vertical position).
- Dual extension bars adjustable for 16" and 24" center joists. (14-1/4" > 24-1/2")
- Hanger bars may be extended to rest on T-bar ceilings. (Optional clip-on T-bar hangers also available.)
- Nailer bar hangers, for easy installation.
- Quick connect, push-in wire connectors provided.
- Approved for through-branch (4 in/4 out) (8) #12 AWG wiring.
- cULus Listed for damp locations.

RL38ICLEM
Insulated Ceiling

Max. lamp: 12W Pure Light E26 PAR38 LED, 120V

- Dual extension bars adjustable for 16" and 24" center joists (14-1/4" - 24-1/2").
- Nailer bar hangers, for easy installation.
- Quick connect, push-in wire connectors provided.
- Hanger bars may be extended to rest on T-bar ceilings. (optional clip-on T-bar hangers also available.)
- Galvanized steel construction.
- Conforms to Washington State Energy code (WSEC) for low air infiltration. Tested in accordance with ASTM E283 (2.0 CRM or less).
- Locking screw for bar hangers.
- cULus Listed for damp locations.



Ceiling Opening: 6-3/8"
 Ceiling Thickness: 1/2" - 1-1/2"

RL38ICREM
Insulated Ceiling Remodel

Max. lamp: 12W Pure Light E26 PAR38 LED, 120V

- Prewired junction box with convenient screwdriver pry-outs: (7) 1/2", (4) Romex.
- Spring-latch access plates.
- Adjustable socket mounting plate. Vertical position.
- Approved for through-circuit wiring. Max: (8) #12 AWG (4 in, 4 out).
- cULus Listed for damp locations.
- Galvanized steel construction.



-B
Black Baffle Trim

- Trims are held in place by three spring grip clips.

Max Lamp: 12W Pure Light PAR38 LED
OD: 7-1/2" **ID:** 5-3/4"
Trim Finish: Black



-WHT
White Baffle Trim

- Trims are held in place by three spring grip clips.

Max Lamp: 12W Pure Light PAR38 LED
OD: 7-1/2" **ID:** 5-3/4"
Trim Finish: White

Housings on pages 300-301 feature:

- A better way to generate white light that uses a patented mixture of unsaturated yellow and saturated LEDs.
- Designed to last 35,000 hours.
- Color Rendering Index of 92; R9 Red Color Value of 93.
- Color management system maintains color consistency over time and temperature.
- High visual comfort with 20° cut-off.
- Self-flanged, air-tight, tapered baffle.
- Dimmable with specific dimmers. Consult factory.

ORDER EXAMPLE:

Example Housing Order Number

RL38ICLEM

-B

=

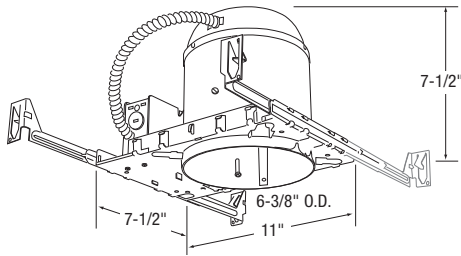
Example Trim Order Number

RL38ICLEM-B

Reflector Finish Codes

B - Black Baffle

WHT - White Baffle



Aperture: 6-1/4"
 Ceiling Opening: 6-1/2"
 Pan Dimensions: 7-1/2" W x 11" L
 Ceiling Thickness: 1/2" - 1-3/4"

RL38LGM
New Construction

Max. lamp: 12W Pure Light GU24 PAR38 LED, 120V

- White steel housing.
- Prewired junction box with convenient screwdriver pry-outs: (6) 1/2", (1) 1/2x3/4" concentric, and (4) Romex knockouts.
- Requires 3" minimum clearance in insulated ceilings.
- Spring-latch access plates.
- Adjustable socket mounting plate (Vertical position).
- Dual extension bars adjustable for 16" and 24" center joists. (14-1/4" > 24-1/2")
- Hanger bars may be extended to rest on T-bar ceilings. (Optional clip-on T-bar hangers also available.)
- Nailers bar hangers, for easy installation.
- Quick connect, push-in wire connectors provided.
- Approved for through-branch (4 in/4 out) (8) #12 AWG wiring.
- cULus Listed for damp locations.

RL38ICLGM
Insulated Ceiling

Max. lamp: 12W Pure Light GU24 PAR38 LED, 120V

- A better way to generate white light that uses a patented mixture of unsaturated yellow and saturated LEDs.
- Designed to last 35,000 hours.
- Color Rendering Index of 92; R9 Red Color Value of 93.
- Color management system maintains color consistency over time and temperature.
- High visual comfort with 20° cut-off.
- Self-flanged, air-tight, tapered baffle.



-B
Black Baffle Trim

- Trims are held in place by three spring grip clips.

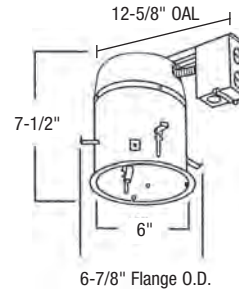
Max Lamp: 12W Pure Light PAR38 LED, GU24 Base
OD: 6-7/8" **ID:** 5-3/4"
Trim Finish: Black



-WHT
White Baffle Trim

- Trims are held in place by three spring grip clips.

Max Lamp: 12W Pure Light PAR38 LED, GU24 Base
OD: 6-7/8" **ID:** 5-3/4"
Trim Finish: White



Ceiling Opening: 6-3/8"
 Ceiling Thickness: 1/2" - 1-1/2"

RL38ICRLGM
Insulated Ceiling Remodel

Max. lamp: 12W Pure Light GU24 PAR38 LED, 120V

- Prewired junction box with convenient screwdriver pry-outs: (7) 1/2", (4) Romex.
- Spring-latch access plates.
- Adjustable socket mounting plate. Vertical position.
- Approved for through-circuit wiring. Max: (8) #12 AWG (4 in, 4 out).
- cULus Listed for damp locations.
- Galvanized steel construction.



-CLR
Clear Specular Reflector

- Trims are held in place by three spring grip clips.

Max Lamp: 12W Pure Light PAR38 LED, GU24 Base
OD: 6-7/8" **ID:** 5-3/4"
Trim Finish: Clear



-PL
Matte Platinum Reflector

- Trims are held in place by three spring grip clips.

Max Lamp: 12W Pure Light PAR38 LED, GU24 Base
OD: 6-7/8" **ID:** 5-3/4"
Trim Finish: Matte Platinum

ORDER EXAMPLE:

Example Housing Order Number

RL38ICLGM

-CLR

=

Example Trim Order Number

RL38ICLGM-CLR

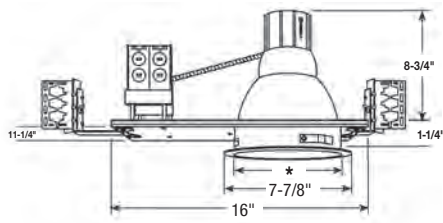
Reflector Finish Codes

B - Black Baffle

CLR - Clear Specular Reflector

PL - Matte Platinum

WHT - White Baffle



* 6" (Multiplier)
5-1/2" (Baffle)
11-1/4" W x 16" L

RA638VLEM
New Construction

Max. lamp: 12W Pure Light E26 PAR38 LED, 120V

- 6" aperture.
- Vertical lamp position.
- Flat plaster frame design.
- Non-IC, thermally protected frame-in kit for vertical incandescent lamps.
- Large Junction box: listed through branch circuit wiring 4 in/4 out (8) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts and (8) knockouts with Romex cable clamp. Dual junction boxes for incandescent lamp fixtures.

RL-KIT: (provided) Commercial mounting kit provided up to 5" vertical adjustment accommodate 1/2 EMT conduit, optional HB-24 or HBC-24 bar hangers or lathing channels for T-bar grid or concealed spline ceiling.



-CLR
Clear Reflector

- Trims are held in place by three spring grip clips.

Max Lamp: 12W Pure Light PAR38 LED
OD: 7-1/4" **ID:** 6-1/8"



-PL
Matte Platinum Reflector

- Trims are held in place by three spring grip clips.

Max Lamp: 12W Pure Light PAR38 LED
OD: 7-1/4" **ID:** 6-1/8"

Housing features:

- A better way to generate white light that uses a patented mixture of unsaturated yellow and saturated LEDs.
- Designed to last 35,000 hours.
- Color Rendering Index of 92; R9 Red Color Value of 93.
- Color management system maintains color consistency over time and temperature.
- High visual comfort with 20° cut-off.
- Non-IC housing
- Self-flanged, low-iridescence Alzak™ trim designed for maximum light output.

ORDER EXAMPLE:

Example Housing Order Number

RA638VLEM

-PL

=

Example Trim Order Number

RA638VLEM-PL

Reflector Finish Codes

CLR - Clear Specular Reflector

PL - Matte Platinum



Lobby photo by Con-Tech Lighting.



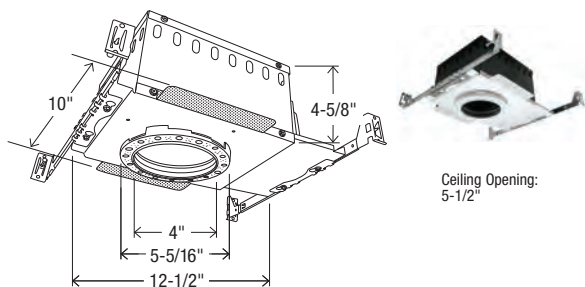


m e t a l h a l i d e

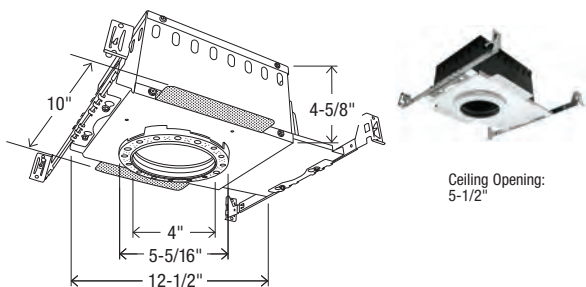


Energy efficient Metal Halide is perfect for commercial or retail spaces, producing energy savings with up to 94 lumens per watt versus the average incandescent at 15 lumens per watt. Increased lumen output allows you to install fewer fixtures. Ceramic Metal Halide lamps are rated for 9,000-15,000 hours average life versus a standard incandescent lamp of 2,000 hours. The large junction box provides easy access from above or below the ceiling. They are cULus listed or cCSAus certified and approved for use in damp locations. Housings with **magnetic ballasts** are cost-effective, dual voltage 120/277V, and come with a 2-year manufacturer's warranty. Units incorporating an **electronic ballast** provide constant power regardless of line and lamp voltage fluctuations to the Metal Halide lamp. Electronic CMH ballasts provide end-of-lamp life shut down protection, run quieter during operation, weigh less than magnetic, are voltage specific (120 or 277V), and have a 5-year manufacturer's warranty. Optional mounting systems are available for commercial applications as well as grid ceiling applications. Our Metal Halide housings are available in 3", 4", 6", and 8" apertures with a variety of reflector/trim options to choose from.

ENVISION GX10 TRIMLESS DOWNLIGHT HOUSINGS



Ceiling Opening:
5-1/2"



Ceiling Opening:
5-1/2"

RS4120MH-SA

*New Construction, 4" Trimless Fixture
StopAire® Air Tight*

RS4120MH-CP

*New Construction, 4" Trimless Fixture
Chicago Plenum, CCEA Listed*

Max. lamp: 20W MR16 CMH, GX10 Base, Twist and Lock

Note: Add -27 for 277V operation

- Clean, zero sightline fixture; trims disappear in the ceiling.
- Internal adjustment ring with 360° adjustability with locking mechanism for secure trim position.
- Two mudrings offer 1/2" – 2" ceiling thickness accommodation.
- Hot aiming/lamp adjustment can be done with a standard Philips screwdriver.
- Hangerbars extend from 14" – 25-1/4".
- Perforated wings provide a secure fit to drywall ceilings.
- Used in drywall ceiling applications only.
- J-box - (6) 1/2" knock-outs
- Approved for through branch wiring.
- Electronic E-HID ballast: 120V - 277V for 50/60Hz operation.
- Constant power design adjusts to line and lamp voltage fluctuations which reduces lamp color variations and provides good color rendition.
- Ballast replaceable from below ceiling.
- Extends lamp life up to 20% longer than magnetic ballasts.
- End of life circuit and thermal protection for maximum safety.
- Class A sound rating meets indoor application requirements.
- Conforms to Washington State Energy Code (WSEC) for low air infiltration. Tested in accordance with ASTM-E283 (2.0 cfm or less).
- cCSAus certified for damp locations.

RS4139MH-SA

*New Construction, 4" Trimless Fixture
StopAire® Air Tight*

RS4139MH-CP

*New Construction, 4" Trimless Fixture
Chicago Plenum, CCEA Listed*

Max. lamp: 39W MR16 CMH, GX10 Base, Twist and Lock

Note: Add -27 for 277V operation

- Clean, zero sightline fixture; trims disappear in the ceiling.
- Internal adjustment ring with 360° adjustability with locking mechanism for secure trim position.
- Two mudrings offer 1/2" – 2" ceiling thickness accommodation.
- Hot aiming/lamp adjustment can be done with a standard Philips screwdriver.
- Hangerbars extend from 14" – 25-1/4".
- Perforated wings provide a secure fit to drywall ceilings.
- Used in drywall ceiling applications only.
- J-box - (6) 1/2" knock-outs
- Approved for through branch wiring.
- Electronic E-HID ballast: 120V - 277V for 50/60Hz operation.
- Constant power design adjusts to line and lamp voltage fluctuations which reduces lamp color variations and provides good color rendition.
- Ballast replaceable from below ceiling.
- Extends lamp life up to 20% longer than magnetic ballasts.
- End of life circuit and thermal protection for maximum safety.
- Class A sound rating meets indoor application requirements.
- cCSAus certified for damp locations.

4" ENVISION TRIMLESS DOWNLIGHT TRIMS



CST402V-P-CLR

*Trimless 4" Adjustable Multiplier,
Clear Reflector*

CST402V-P-PL

*Trimless 4" Adjustable Multiplier,
Platinum Reflector*

CST402V-P-WHT

*Trimless 4" Adjustable Multiplier,
White Reflector*

Max. Lamp: Determined by your choice
of ballast

OD: 4"

ID: 3"

Lens Size: 50mm

Trim Finish: White



CST403V-P

Trimless 4" Adjustable Slot Aperture

Max. Lamp: Determined by your choice
of ballast

OD: 4"

ID: 1-3/4" x 1-1/3"

Lens Size: 50mm

Trim Finish: White



CST404V-P-CLR

*Trimless 4" Adjustable
Angled Cone, Clear Reflector*

CST404V-P-PL

*Trimless 4" Adjustable
Angled Cone, Platinum Reflector*

Max. Lamp: Determined by your choice
of ballast

OD: 4"

ID: 3"

Lens Size: 50mm

Trim Finish: White



CST405V-P

Trimless 4" Adjustable Pinhole

Max. Lamp: Determined by your choice
of ballast

OD: 4"

ID: 2"

Lens Size: 50mm

Trim Finish: White

Reflector Finish Codes

CLR - Clear

PL - Matte Platinum

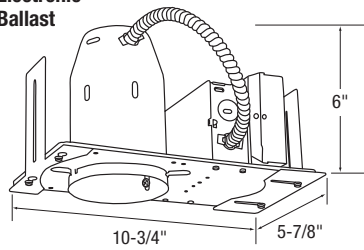
WHT - White

Trim Finish Codes

P - White

3" METAL HALIDE MR16 HOUSING

Electronic Ballast



Ceiling Opening: 3-7/8"
Max. Ceiling Thickness: 1"

RA316E20MH

3" 20W MH Electronic, 120V, 50/60Hz

Max. Lamp: 20W MR16 CMH, GX10 Base, Twist and Lock

RA316E39MH

3" 39W MH Electronic, 120V, 50/60Hz

Max. Lamp: 39W MR16 CMH, GX10 Base, Twist and Lock

*Note: Add **27** for 277V operation
Add **CP** for Chicago Plenum, CCEA approval

Housing Features

- Architectural grade 3" housing, 3-1/2" aperture size
- Large Junction Box: (3) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts, and (4) Romex knockouts with spring latch access plates.
- "Sure grip" spring permits housing to be lowered and adjust to ceiling thickness.
- Lamp housing is removable through ceiling aperture for access to junction box.
- Aluminum Heat Sink prevents lamp overheating.
- Multiple socket positions (1-1/2") offer a variety of lamps and distribution patterns.
- Ceiling Openings: 3-7/8"
- RL mounting hardware included.
- New York City approved, calendar number 47553.
- cULus Listed. Suitable for damp locations.

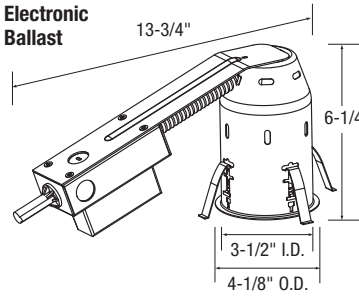
Electronic Ballast

- 120V for 50/60Hz operation.
- Constant power design adjusts to line and lamp voltage fluctuations which reduces lamp color variations and provides good color rendition.
- Extends lamp life up to 20% longer than magnetic ballasts.
- End-of-life circuit and thermal protection for maximum safety.
- Class A sound rating meets indoor application requirements.
- 5-year manufacturer's warranty.

Optional Mounting Hardware

- Flat hanger bars (HB-24) for installation to T-Bar, grid, or concealed spline ceiling construction. C-channel hangers (HBC-24) for grid ceiling applications.

Electronic Ballast



Ceiling Opening: 3-7/8"
Max. Ceiling Thickness: 1"

RA316E20MH-R

3" 20W MH Electronic, 120V, 50/60Hz

Remodel

Max. Lamp: 20W MR16 CMH, GX10 Base, Twist and Lock

RA316E39MH-R

3" 39W MH Electronic, 120V, 50/60Hz

Remodel

Max. Lamp: 39W MR16 CMH, GX10 Base, Twist and Lock

*Note: Add **27** for 277V operation

Housing Features

- Architectural grade 3" housing, 3-1/2" aperture size
- Ceiling Opening: 3-7/8", allow minimum 3" clearance around fixture from insulation material in insulated ceilings.
- Junction Box: (3) 1/2" pryouts
- Aluminum Heat Sink prevents lamp overheating.
- Retractable mounting clips lock fixture in place and adjust for different ceiling thicknesses from 1/2" to 1", allow easy installation into existing ceiling.
- Low silhouette design for remodeling applications in solid or suspended ceilings.
- Narrow fixture design for fast installation through ceiling opening minimizes remodeling mess.
- cULus Listed. Suitable for damp locations.

Electronic Ballast

- 120V for 50/60Hz operation.
- Constant power design adjusts to line and lamp voltage fluctuations which reduces lamp color variations and provides good color rendition.
- Extends lamp life up to 20% longer than magnetic ballasts.
- End-of-life circuit and thermal protection for maximum safety.
- Class A sound rating meets indoor application requirements.
- 5-year manufacturer's warranty.

ORDER EXAMPLE:

Example Housing Order Number

RA316E20MH

Trim

CTR306MH

Finish

-P

Example Trim Order Number

CTR306MH-P



CTR301MH-WHT

CTR301MH-P
Adjustable Baffle (Black)

CTR301MH-WHT
Adjustable Baffle (White)

15° Vertical Swing Range

OD: 4-1/4", **ID:** 2-7/8"

Lens Size: 45mm

Trim Finish: White

Accepts (1) Lens



CTR302MH-P-BLK

CTR302MH-P-(BLK, PL, WHT)
Adjustable Multiplier

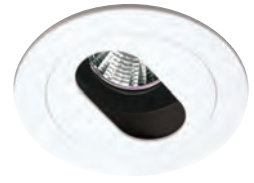
37° Vertical Adjustment

OD: 4-1/4", **ID:** 2-7/8"

Lens Size: 45mm

Trim Finish: White

Accepts (1) Lens



CTR303NMH-P
Slotted Wall Wash

Slotted adjustable wall wash trim provides broad illumination of commercial and residential wall settings. The slot aperture permits maximum beam area adjustment for either wall wash or concealed accent lighting effects. Internal 50° swing adjustment and external 358° rotation. Black interior surface.

OD: 4-1/4"

ID: 1-3/8" x 2-1/2" Oblong Slot

Lens Size: 45mm

Trim Finish: White

Accepts (1) Lens



CTR306MH-P
Surface Adjustable (Black Baffle)

Beauty and utility in a circular, die-cast, adjustable trim—40° maximum vertical swing, 359° rotational. The neat, regressed black baffle reduces surface brightness. Exclusive flat, stainless mounting springs. Holds trim firmly to ceiling.

OD: 4-1/4", **ID:** 2-7/8"

Trim Finish: White



CTR307MH-WHT

CTR307MH-(B, P)
Adjustable Pin Spot, Black Baffle

CTR307MH-WHT
Adjustable Pin Spot, White Baffle

Precise, adjustable beam aiming is easy with this low-brightness pin spot. Deep baffle for maximum lamp concealment. May be used as a pin spot style downlight or an adjustable accent light. With rotational capability and a broad, 35° vertical swing range. Choose black or white baffle.

OD: 4-1/4", **ID:** 2-7/8"

Lens Size: 45mm

Accepts (1) Lens



CTR325MH-NK

CTR325MH-(B, NK, P, ST)
Fully Adjustable

Unsurpassed aiming flexibility: 359° rotational, 87° vertical. Variety of designer finishes available for any décor or environment. Use for downlighting or accent lighting applications. Easy relamping with twist-off front retaining ring. Exclusive stainless flat springs insure firm, close-to-ceiling mounting.

OD: 4-1/4"

ORDER EXAMPLE:

Example Housing Order Number

RA316E20MH

Trim

CTR301MH

Finish

+ -P =

Example Trim Order Number

CTR301MH-P

Reflector Finish Codes

BLK - Black

PL - Matte Platinum

WHT - White

Trim Finish Codes

B - Black

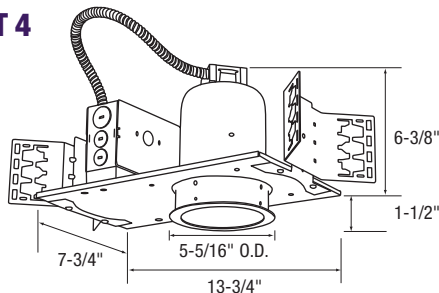
NK - Brushed Nickel

P - White

ST - Brushed Stainless Steel

4" METAL HALIDE T4 and T6 HOUSINGS AND TRIMS

T4



Ceiling Opening 5"

RL420T4MHE

4" 20W T4.5 MH Electronic, 120V

Max. Lamp: 20W T4.5 CMH, G8.5 Base

RL439T4MHE

4" 39W T4 or T4.5 MH Electronic, 120V

Max. Lamp: 39W T4 or T4.5 CMH, G8.5 Base

*Note: Add 27 for 277V operation

Housing Features

- Junction Box: (4) 1/2" knockouts, (1) concentric 1/2" and 3/4" knockouts, and (4) Romex knockouts.
- Galvanized steel socket cup. Snaps to outer housing for proper lamp alignment.
- Ceiling thickness 1/2" - 2".
- Ceiling Opening: 5".
- RL-KIT mounting hardware included.
- 3 retention springs hold reflector in place for quick, no-tool installation.

Electrical

- 20-39W, G8.5 Pulse rated socket.
- 50/60Hz

SPECIFICATION GRADE TRIMS



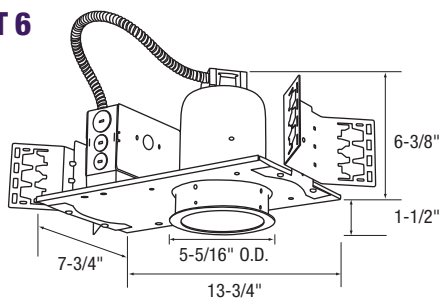
CST44-S-CLR

CST44-(S, M, F)-(CLR, PL)

Specification Grade,
4-3/16" Aperture, 2 Piece Trim
for T4 Lamping

- Upper reflector: electrobright dip spun aluminum.
- Spot (S), Medium (M), and Flood (F) distributions.
- Lower cone: self-flanged spun aluminum, clear specular (CLR) or matte platinum (PL) finish.
- Lamp shield: clear tempered glass lens between upper and lower reflector.
- Optional lenses: LF20 (see page 83).

T6



Ceiling Opening 5"

RL420T6MHE

4" 20W T4.5 MH Electronic, 120V

Max. Lamp: 20W T6 CMH, G12 Base

RL439T6MHE

4" 39W T4.5 or T6 MH Electronic, 120V

Max. Lamp: 39W T4.5 or T6 CMH, G12 Base

*Note: Add 27 for 277V operation

Housing Features

- Junction Box: (4) 1/2" knockouts, (1) concentric 1/2" and 3/4" knockouts, and (4) Romex knockouts.
- Galvanized steel socket cup. Snaps to outer housing for proper lamp alignment.
- Ceiling thickness 1/2" - 2".
- Ceiling Opening: 5".
- RL-KIT mounting hardware included.
- 3 retention springs hold reflector in place for quick, no-tool installation.

Electrical

- 20-39W, G12 Pulse rated socket.
- 50/60Hz

SPECIFICATION GRADE TRIMS



CST64-M-PL

CST64-(S, M, F)-(CLR, PL)

Specification Grade,
4-3/16" Aperture, 2 Piece Trim
for T6 Lamping

- Upper reflector: electrobright dip spun aluminum.
- Spot (S), Medium (M), and Flood (F) distributions.
- Lower cone: self-flanged spun aluminum, clear specular (CLR) or matte platinum (PL) finish.
- Lamp shield: clear tempered glass lens between upper and lower reflector.
- Optional lenses: LF20 (see page 83).

ORDER EXAMPLE:

Example Housing Order Number

RL420T4MHE

Trim

CST44-M

Finish

-CLR

Example Trim Order Number

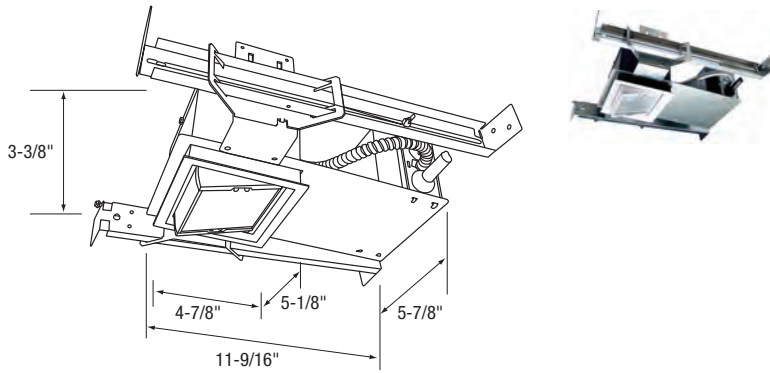
CST44-M-CLR

Reflector Finish Codes

CLR - Clear

PL - Matte Platinum

Philips PGJ5



RA4422T3WW

4" 22W PGJ5 Wall Wash,
MH Electronic, 120V

Max. Lamp: 22W T3.5 PGJ5 CMH

RA4439T3WW

4" 39W PGJ5 Wall Wash,
MH Electronic, 120V

Max. Lamp: 39W T3.5 PGJ5 CMH

RA4422T3F

4" 22W PGJ5 Flood,
MH Electronic, 120V

Max. Lamp: 22W T3.5 PGJ5 CMH

RA4439T3F

4" 39W PGJ5 Flood,
MH Electronic, 120V

Max. Lamp: 39W T3.5 PGJ5 CMH

Note: Add 27 for 277V operation

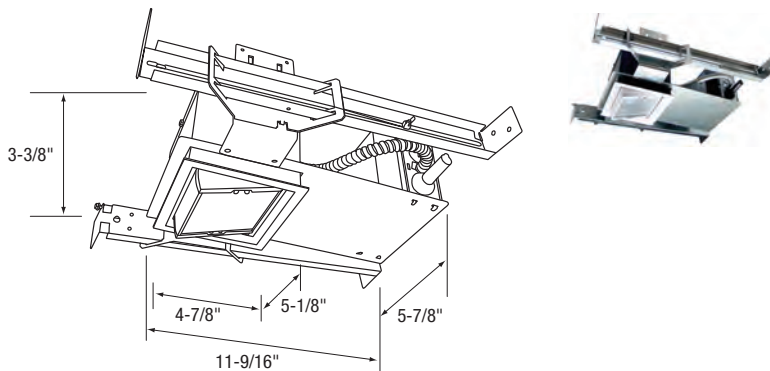
Housing Features

- Provides wall wash or flood optical spread in a cast aluminum head with Solite tempered lens that provides 42% UV filtering.
- Large Junction Box: installed for through branch wiring 4-in 4-out (8) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts, and (8) Romex knockouts.
- Black painted steel housing with 2" deep collar accommodates various ceiling thicknesses.
- Vertical adjustment of 0° to 40° with positive locking mechanism in socket bracket.
- Head is powder coated with textured architectural white paint finish.
- Meets or exceeds safety requirements for metal halide lamps.
- Tested to UL standards. cCSAus certified for damp locations.

Electronic Ballast

- Option of 120 or 277V for 50/60Hz operation.
- Constant power design adjusts to line and lamp voltage fluctuations which reduces lamp color variations and provides good color rendition.
- Extends lamp life up to 20% longer than magnetic ballasts.
- End-of-life circuit and thermal protection for maximum safety.
- Class A sound rating meets indoor application requirements.
- 5-year manufacturer's warranty.

GE, Philips, or Sylvania GU6.5



RA4420T4WW

4" 20W GU6.5 Wall Wash,
MH Electronic, 120V

Max. Lamp: 20W T4 GU6.5 CMH

RA4439T4WW

4" 39W GU6.5 Wall Wash,
MH Electronic, 120V

Max. Lamp: 39W T4 GU6.5 CMH

RA4420T4F

4" 20W GU6.5 Flood,
MH Electronic, 120V

Max. Lamp: 20W T4 GU6.5 CMH

RA4439T3F

4" 39W GU6.5 Flood,
MH Electronic, 120V

Max. Lamp: 39W T4 GU6.5 CMH

Note: Add 27 for 277V operation

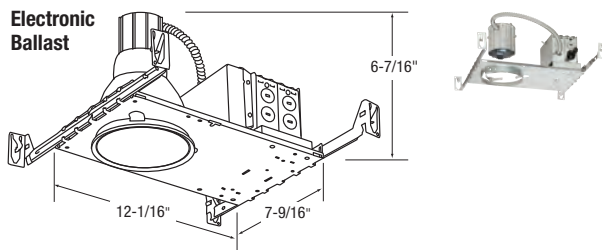
Housing Features

- Provides wall wash or flood optical spread in a cast aluminum head with Solite tempered lens that provides 42% UV filtering.
- Large Junction Box: installed for through branch wiring 4-in 4-out (8) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts, and (8) Romex knockouts.
- Black painted steel housing with 2" deep collar accommodates various ceiling thicknesses.
- Vertical adjustment of 0° to 40° with positive locking mechanism in socket bracket.
- Head is powder coated with textured architectural white paint finish.
- Meets or exceeds safety requirements for metal halide lamps.
- Tested to UL standards. cCSAus certified for damp locations.

Electronic Ballast

- Option of 120 or 277V for 50/60Hz operation.
- Constant power design adjusts to line and lamp voltage fluctuations which reduces lamp color variations and provides good color rendition.
- Extends lamp life up to 20% longer than magnetic ballasts.
- End-of-life circuit and thermal protection for maximum safety.
- Class A sound rating meets indoor application requirements.
- 5-year manufacturer's warranty.

4" METAL HALIDE PAR20 HOUSING



RL420MH-E

4" 20W MH Electronic, 120V

Max. Lamp: 20W PAR20 CMH, E26 Medium Base

RL439MH-E

4" 39W MH Electronic, 120V

Max. Lamp: 39W PAR20 CMH, E26 Medium Base

Note: Add 277V for 277V operation

Housing Features

- Large Junction Box: (8) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts, and (8) Romex knockouts.
- Aluminum Heat Sink prevents lamp overheating.
- Multiple socket positions (1-1/2") offer a variety of lamp and distribution patterns.
- Ceiling Openings: 5"
- Pre-installed Bar Hangers for 24" span with built-in nailers and T-bar mount.
- New York City approved, calendar number 47553.
- cULus Listed. Approved for damp locations.

Electronic Ballast

- Option of 120 or 277V for 50/60Hz operation.
- Constant power design adjusts to line and lamp voltage fluctuations which reduces lamp color variations and provides good color rendition.
- Extends lamp life up to 20% longer than magnetic ballasts.
- End-of-life circuit and thermal protection for maximum safety.
- Class A sound rating meets indoor application requirements.
- 5-year manufacturer's warranty.

Optional Mounting Systems

- Commercial Mounting Kit (RL-KIT) provides up to 5" of vertical adjustment. Mounting on the length side.
- May be used with HB-24 (27" flat bar hanger set) for installation to T-bar, grid or concealed spline ceiling construction, or HBC-24 (25" C-channel hanger bar set) for grid ceiling applications.

SPECIFICATION GRADE TRIMS



CST4322V-CLR

CST4322V-CLR

Specification Grade, 4-5/16" Aperture, Clear Specular Finish Reflector

CST4322V-PL

Specification Grade, 4-5/16" Aperture, Matte Platinum Finish Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 5-1/2" ID: 4-5/16"

ORDER EXAMPLE:

Example Housing Order Number

RL420MH-E

Trim

CTR4325V

Finish

-P

Example Trim Order Number

CTR4325V-P



CTR4321V-P

CTR4321V-B
Black Baffle, Clear Upper Reflector,
Black Trim

CTR4321V-P-WHT
White Baffle Clear Specular
Reflector, White Trim

CTR4321V-P
Black Baffle, Clear Specular
Reflector, White Trim

Trim Finish: White or Black
Max. Lamp: Determined by your choice
of ballast.
OD: 6-1/16" **ID:** 4-3/16"



CTR4322V-CLR

CTR4322V-CLR
Clear Specular Reflector,
White Trim

CTR4322V-WHT
White Specular Reflector,
White Trim

Trim Finish: White
Max. Lamp: Determined by your choice
of ballast.
OD: 6-1/16" **ID:** 4-5/16"



CTR4324V-CLR-P with 1AR4B

**CTR4324V-(CLR, WHT)-P
1AR4(B, F, G, R, Y)**

Sandblasted floating colored acrylic ring
supported by (3) posts, clear or white
specular reflector, white metal trim ring.

Max. Lamp: Determined by your choice
of ballast.
OD: 7-15/16" **ID:** 4-7/16"
Trim Finish: White



CTR4324V-CLR-P with 2AR4B

**CTR4324V-(CLR, WHT)-P
2AR4(B, F, G, R, Y)**

Double stacked sandblasted floating colored
acrylic ring supported by (3) posts, clear or
white specular reflector, white metal trim ring.

Max. Lamp: Determined by your choice
of ballast.
OD: 7-15/16" **ID:** 4-7/16"
Trim Finish: White



CTR4325V-P
Frosted Floating Glass Lens

Trim Finish: White
Max. Lamp: Determined by your choice
of ballast.
OD: 6-1/16"



CTR4326V-P
Frosted Floating Glass Ring, 3.5"

Trim Finish: White
Max. Lamp: Determined by your choice
of ballast.
OD: 6-1/16" **ID:** 4-5/16"



CTR4327V-P

CTR4327V-P-WHT
White Baffle, Clear Specular
Reflector, White Trim

CTR4327V-P
Black Baffle, Clear Specular
Reflector, White Trim

- Wet Location Listed.
- Regressed convex prismatic lens.

Trim Finish: White
Max. Lamp: Determined by your choice
of ballast.
OD: 6-1/16" **ID:** 4-3/16"

Notes:

- All lamps must be **Protected (P)** for use in open fixtures unless you are using the wet location-lensed series (CTR4327).
- Not all metal halide lamps have been tested on or are compatible with electronic metal halide ballasts. "Ceramic" arc tube metal halide lamps are highly recommended. Both the lamp and ballast manufacturers should be consulted for compatibility (latest list of recommended lamp types) BEFORE THE LAMPS ARE PURCHASED.
- Photometric files are available on our Website.
- Lamps listed in this catalog are stocked by Con-Tech for customer convenience. MasterColor™ Lamps are offered except where noted.

Reflector/Baffle Finish Codes

CLR - Clear
PL - Matte Platinum
WHT - White

Trim Finish Codes

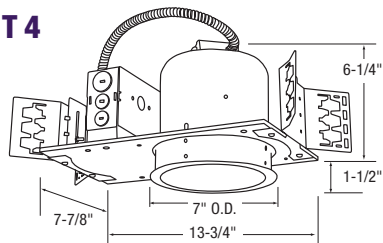
B - Black
P - White

Acrylic Finish Codes

B - Blue
F - Frosted
G - Green
R - Red
Y - Yellow

6" METAL HALIDE T4 HOUSING AND TRIMS

T4



Ceiling Opening 6-1/2"

RL620T4MHE

6" 20W T4.5 MH Electronic, 120V

Max. Lamp: 20W T4.5 CMH, G8.5 Base

RL639T4MHE

6" 39W T4 or T4.5 MH Electronic, 120V

Max. Lamp: 39W T4 or T4.5 CMH, G8.5 Base

RL670T4MHE

6" 70W T4 or T4.5 MH Electronic, 120V

Max. Lamp: 70W T4 or T4.5 CMH, G8.5 Base

*Note: Add **27** for 277V operation
Add **347** for 347V operation (39 and 70W only)

Housing Features

- Junction Box: (4) 1/2" knockouts, (1) concentric 1/2" and 3/4" knockouts, and (4) Romex knockouts.
- Galvanized steel socket cup. Snaps to outer housing for proper lamp alignment.
- Ceiling thickness 1/2" - 2".
- Ceiling Opening: 6-1/2".
- RL-KIT mounting hardware included.
- 3 retention springs hold reflector in place for quick, no-tool installation.

Electrical

- 20-70W, G8.5 Pulse rated socket.
- 50/60Hz

SPECIFICATION GRADE TRIMS



CST46-S-CLR

CST46-(S, M, F)-(CLR, PL)

Specification Grade,
5-3/4" Aperture, 2 Piece Trim
for T4 Lamping

- Upper reflector: electrobright dip spun aluminum.
- Spot (S), Medium (M), and Flood (F) distributions.
- Lower cone: self-flanged spun aluminum, clear specular (CLR) or matte platinum (PL) finish.
- Lamp shield: clear tempered glass lens between upper and lower reflector.
- Optional lenses: LF38 (see page 83).

ORDER EXAMPLE:

Example Housing Order Number

RL639T4MHE

Trim

CST46-S

Finish

-PL

Example Trim Order Number

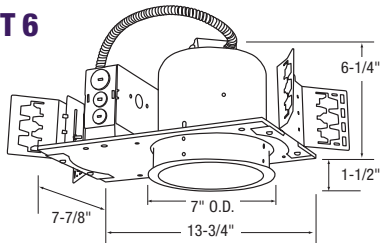
CST46-S-PL

Reflector Finish Codes

CLR - Clear

PL - Matte Platinum

T6



SPECIFICATION GRADE TRIMS



CST66-M-PL

CST66-(S, M, F)-(CLR, PL)
 Specification Grade,
 5-3/4" Aperture, 2 Piece Trim
 for T6 Lamping

- Upper reflector: electrobright dip spun aluminum.
- Spot (S), Medium (M), and Flood (F) distributions.
- Lower cone: self-flanged spun aluminum, clear specular (CLR) or matte platinum (PL) finish.
- Lamp shield: clear tempered glass lens between upper and lower reflector.
- Optional lenses: LF38 (see page 83).

RL620T6MHE

6" 20W T4.5 MH Electronic, 120V

Max. Lamp: 20W T4.5 CMH, G12 Base

RL639T6MHE

6" 39W T4.5 or T6 MH Electronic, 120V

Max. Lamp: 39W T4.5 or T6 CMH, G12 Base

RL670T6MHE

6" 70W T6 MH Electronic, 120V

Max. Lamp: 70W T6 CMH, G12 Base

*Note: Add **27** for 277V operation
 Add **347** for 347V operation (39 & 70W only)

Housing Features

- Junction Box: (4) 1/2" knockouts, (1) concentric 1/2" and 3/4" knockouts, and (4) Romex knockouts.
- Galvanized steel socket cup. Snaps to outer housing for proper lamp alignment.
- Ceiling thickness 1/2" - 2".
- Ceiling Opening: 6-1/2".
- RL-KIT mounting hardware included.
- 3 retention springs hold reflector in place for quick, no-tool installation.

Electrical

- 20-70W, G12 Pulse rated socket (for T6 lamping).
- 50/60Hz

ORDER EXAMPLE:

Example Housing Order Number

RL639T6MHE

Trim

CST66-S

+

Finish

-PL

=

Example Trim Order Number

CST66-S-PL

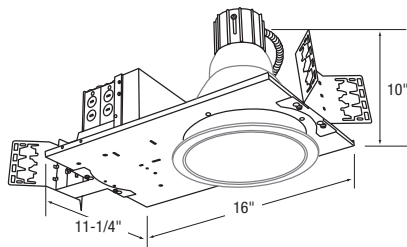
Reflector Finish Codes

CLR - Clear

PL - Matte Platinum

6" METAL HALIDE PAR30LN/ED17 HOUSINGS

Electronic



Ceiling Opening 6-1/2" – 7"

RL620MH-E

6" 20W MH Electronic, 120V

Max. Lamp: 20W PAR30LN

RL639MH-E

6" 39W MH Electronic, 120V

Max. Lamp: 39W PAR30LN

RL650MH-E

6" 50W MH Electronic, 120V

Max. Lamp: 50W ED17P

RL670MH-E

6" 70W MH Electronic, 120V

Max. Lamp: 70W ED17P, 70W PAR30LN

RL610MH-E

6" 100W MH Electronic, 120V

Max. Lamp: 100W ED17P, PAR38*

Note: Add **277V** for 277V operation
Add **347** for 347V operation
(39, 70 or 100W only)

*With socket in the middle or bottom position

Housing Features

- Large Junction Box: (8) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts, and (8) Romex knockouts.
- Aluminum Heat Sink prevents lamp overheating.
- Multiple socket positions (1-1/2") offer a variety of lamp and distribution patterns.
- Ceiling Opening: 7".
- Commercial Mounting Kit (RL-KIT supplied) provides up to 5" of vertical adjustment.
- New York City approved, calendar number 47553.
- cULus Listed. Approved for damp locations.

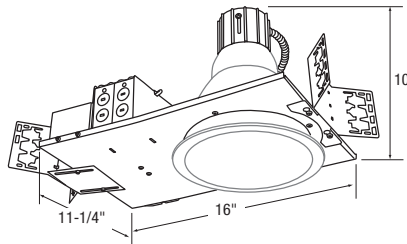
Electronic Ballast

- Option of 120 or 277V for 50/60Hz operation.
- Constant power design adjusts to line and lamp voltage fluctuations which reduces lamp color variations and provides good color rendition.
- Extends lamp life up to 20% longer than magnetic ballasts.
- End-of-life circuit and thermal protection for maximum safety.
- Class A sound rating meets indoor application requirements.
- Ballast has 5-year manufacturer's warranty.

Optional Mounting Systems

- May be used with HB-24 (27" flat bar hanger set) for installation to T-bar, grid or concealed spline ceiling construction, or HBC-24 (25" C-channel hanger bar set) for grid ceiling applications.

Magnetic



Ceiling Opening 6-1/2" – 7"

RL639MH-M

6" 39W MH Magnetic, 120/277V

Max. Lamp: 39W PAR30LN

RL650MH-M

6" 50W MH Magnetic, 120/277V

Max. Lamp: 50W ED17P

RL670MH-M

6" 70W MH Magnetic, 120/277V

Max. Lamp: 70W ED17P, 70W PAR30LN

RL610MH-M

6" 100W MH Magnetic, 120/277V

Max. Lamp: 100W ED17P, PAR38*

Note: Add **347** for 347V operation
(39, 70 or 100W only)

*With socket in the middle or bottom position

Housing Features

- Large Junction Box: (8) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts, and (8) Romex knockouts.
- Aluminum Heat Sink prevents lamp overheating.
- Multiple socket positions (1-1/2") offer a variety of lamp and distribution patterns.
- Ceiling Openings: 7".
- Commercial Mounting Kit (RL-KIT supplied) provides up to 5" of vertical adjustment.
- New York City approved, calendar number 47553.
- cULus Listed. Approved for damp locations.

Magnetic Ballast

- Dual voltage (120/277V) for convenience.
- Ballast has 2-year manufacturer's warranty.

Optional Mounting Systems

- May be used with HB-24 (27" flat bar hanger set) for installation to T-bar, grid or concealed spline ceiling construction, or HBC-24 (25" C-channel hanger bar set) for grid ceiling applications.

ORDER EXAMPLE:

Example Housing Order Number

RL650MH-E

Trim

CST6423V

Finish

-CLR

Example Trim Order Number

CST6423V-CLR

SPECIFICATION GRADE TRIMS



CST6322V-CLR

CST6322V-CLR

Specification Grade, 6" Aperture, Clear Specular Finish Reflector

CST6322V-PL

Specification Grade, 6" Aperture, Matte Platinum Finish Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 7-1/4" **H:** 6-3/4"



CST6323V-PL

CST6323V-CLR

Specification Grade, 6" Aperture, Clear Specular Finish Reflector, 90° Wall Wash Kicker

CST6323V-PL

Specification Grade, 6" Aperture, Matte Platinum Finish Reflector, 90° Wall Wash Kicker

Max. Lamp: Determined by your choice of ballast.

OD: 7-1/4" **H:** 6"

ID: 6-1/4"



CTR6701-P

CTR6701-B

Black Baffle, Clear Upper Reflector Black Trim

CTR6701-P

Black Baffle, Clear Upper Reflector Trim

CTR6701-WHT

White Reflector/Baffle Trim

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 5-1/2"

Trim Finish: White or Black



CTR6716-CLR-P with 1AR6B

CTR6716-(CLR, WHT)-P 1AR6(B, F, G, R, Y)

Sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Trim Finish: White

Max. Lamp: Determined by your choice of ballast.

OD: 8-5/8" **ID:** 6-1/8"



CTR6715-P

Floating Glass with Frosted Center, Clear Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 6"

Glass OD: 7-7/8" **Drop:** 1-1/4"



CTR6716-CLR-P with 2AR6B

CTR6716-(CLR, WHT)-P 2AR6(B, F, G, R, Y)

Double stacked sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Trim Finish: White

Max. Lamp: Determined by your choice of ballast.

OD: 8-5/8" **ID:** 6-1/8"



CTR6702-CLR

CTR6702-CLR

Specular Reflector Trim, Clear reflector

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 6"

Trim Finish: White



CTR6731-P

Clear Reflector, Black Baffle, Regressed Convex Prismatic Lens

CTR6731-WHT

White Reflector, White Baffle, Regressed Convex Prismatic Lens (5-1/2" OD w/Gasket)

Wet location listed.

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 5-1/2"

Trim Finish: White



CTR6703-P

Stepped Wall Wash Trim, Clear Specular Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 6"

Trim Finish: White

Notes:

- All lamps must be **Protected (P)** for use in open fixtures unless you are using the wet location lensed series (CTR6731).
- Not all metal halide lamps have been tested on or are compatible with electronic metal halide ballasts. "Ceramic" arc tube metal halide lamps are highly recommended. Both the lamp and ballast manufacturers should be consulted for compatibility (latest list of recommended lamp types) BEFORE THE LAMPS ARE PURCHASED.
- Photometric files are available on our Website.
- Lamps listed in this catalog are stocked by Con-Tech for customer convenience. MasterColor™ Lamps are offered except where noted.

Reflector/Baffle Finish Codes

CLR - Clear WHT - White
PL - Matte Platinum

Trim Finish Codes

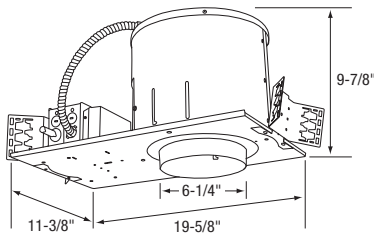
B - Black P - White

Acrylic Finish Codes

B - Blue G - Green Y - Yellow
F - Frosted R - Red

6" ADJUSTABLE METAL HALIDE PAR30LN HOUSINGS AND TRIMS

Electronic



Aperture: 6-1/4"
 Ceiling Opening: 6-1/2"
 Pan Dimensions:
 19-5/8" x 11-3/8"

RA6130E20MHIA 6" 20W Ceramic MH, 120V

Max. Lamp: 20W PAR30LN

RA6130E39MHIA 6" 39W Ceramic MH, 120V

Max. Lamp: 39W PAR30LN

RA6130E70MHIA 6" 70W Ceramic MH, 120V

Max. Lamp: 70W PAR30LN

Note: Add **27** for 277V operation
 Add **347** for 347V operation
 (39 & 70W only)

Housing Features

- Architectural Grade 6" aperture.
- Large Junction Box installed for through branch wiring 4-in 4-out (8) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts, and (8) Romex knockouts.
- Black painted steel housing with 1-1/4" deep collar accommodates various thickness of ceiling materials.
- Adjustable lamp direction in 368° rotation and 0-42° tilt with positive locking mechanism in socket bracket.
- Ceiling Openings: 6-1/2".
- Commercial Mounting Kit (RL-KIT supplied) provides up to 5" of vertical adjustment.
- New York City approved, calendar number 47553.
- cULus Listed. Approved for damp locations.

Electronic Ballast

- Option of 120 or 277V for 50/60Hz operation.
- Constant power design adjusts to line and lamp voltage fluctuations which reduces lamp color variations and provides good color rendition.
- Extends lamp life up to 20% longer than magnetic ballasts.
- End-of-life circuit and thermal protection for maximum safety.
- Class A sound rating meets indoor application requirements.
- Ballast has 5-year manufacturer's warranty.

Optional Mounting Systems

- May be used with HB-24 (27" flat bar hanger set) for installation to T-bar, grid or concealed spline ceiling construction, or HBC-24 (25" C-channel hanger bar set) for grid ceiling applications.



CTR6030-WHT

CTR6030-P Black Baffle (Open)

CTR6030-WHT White Baffle (Open)

CTR6030-CLR Clear Specular

- Specular angled reflector of spun aluminum, with convex glass spread lens.

CTR6030-PL Platinum with Spread Lens

- Semi-Specular self-flanged platinum angled reflector of spun aluminum, with convex prismatic glass spread lens.
- Trims are held in place by three spring grip clips. Will accept (2) LF40 lens.

Max. Lamp: Determined by your choice of ballast.

OD: 7-1/4" **ID:** 5-3/8"

Trim Finish: White, Black or Platinum

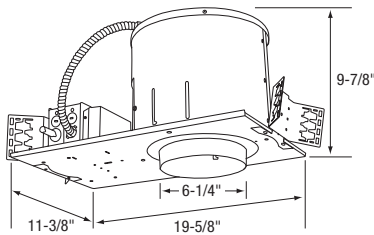
Reflector/Baffle Finish Codes

CLR - Clear Specular
 PL - Matte Platinum
 WHT - White

Trim Finish Codes

B - Black
 P - White
 PL - Platinum

Magnetic



Aperture: 6-1/4"
 Ceiling Opening: 6-1/2"
 Pan Dimensions:
 19-5/8" x 11-3/8"

RA6130M39MHIA 6" 39W MH Magnetic, 120/277V

Max. Lamp: 39W PAR30LN

RA6130M70MHIA 6" 70W MH Magnetic, 120/277V

Max. Lamp: 70W PAR30LN

Note: Add **347** for 347V operation
 (70W only)

Housing Features

- Architectural Grade 6" aperture.
- Large Junction Box installed for through branch wiring 4-in 4-out (5) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts, and (4) Romex knockouts.
- Black painted steel housing with 1-1/4" deep collar accommodates various thickness of ceiling materials.
- Adjustable lamp direction in 368° rotation and 0-42° tilt with positive locking mechanism in socket bracket.
- Ceiling Openings: 6-1/2".
- Commercial Mounting Kit (RL-KIT supplied) provides up to 5" of vertical adjustment.
- New York City approved, calendar number 47553.
- cULus Listed. Approved for damp locations.

Magnetic Ballast

- Dual voltage (120/277V) for convenience.
- Ballast has 2-year manufacturer's warranty.

Optional Mounting Systems

- May be used with HB-24 (27" flat bar hanger set) for installation to T-bar, grid or concealed spline ceiling construction, or HBC-24 (25" C-channel hanger bar set) for grid ceiling applications.

ORDER EXAMPLE:

Example Housing Order Number

RA6130E20MHIA

Trim

CTR6030

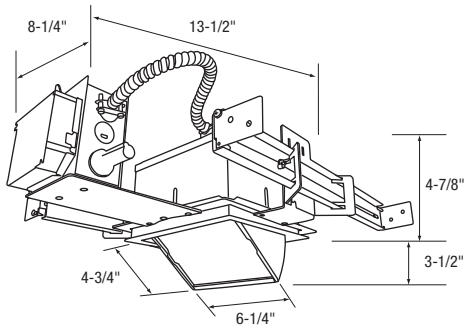
Finish

-P

Example Trim Order Number

CTR6030-P

T4



RA6420T4MHE
6" 20W T4.5 MH Electronic, 120V

Max. Lamp: 20W T4.5 CMH, G8.5 Base

RA6439T4MHE
6" 39W T4 or T4.5 MH Electronic, 120V

Max. Lamp: 39W T4 or T4.5 CMH, G8.5 Base

RA6470T4MHE
6" 70W T4 or T4.5 MH Electronic, 120V

Max. Lamp: 70W T4 or T4.5 CMH, G8.5 Base

Note: Add **27** for 277V operation
Add **347** for 347V operation
(39 & 70W only)

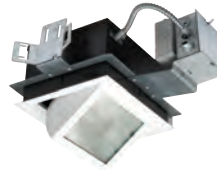
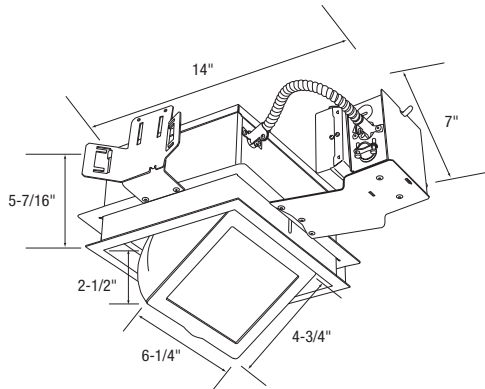
Housing Features

- Provides wall wash optical spread in cast aluminum head with Clear glass tempered lens.
- Large Junction Box: installed for through branch wiring 4-in 4-out (8) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts, and (4) Romex knockouts.
- Black painted steel housing with 1-1/4" deep collar accommodates various thickness of ceiling materials.
- Vertical adjustment of 0° to 30° with positive locking mechanism in socket bracket.
- Head is powder coated with textured architectural white paint finish.
- Meets or exceeds safety requirements for metal halide lamps.
- cULus Listed for damp locations.
- Use LF70I lenses

Electronic Ballast

- Option of 120 or 277V for 50/60Hz operation.
- Constant power design adjusts to line and lamp voltage fluctuations which reduces lamp color variations and provides good color rendition.
- Extends lamp life up to 20% longer than magnetic ballasts.
- End-of-life circuit and thermal protection for maximum safety.
- Class A sound rating meets indoor application requirements.
- Ballast has 5-year manufacturer's warranty.

T6



RA6420T6MHE
6" 20W T4.5 MH Electronic, 120V

Max. Lamp: 20W T4.5 CMH, G12 Base

RA6439T6MHE
6" 39W T4.5 or T6 MH Electronic, 120V

Max. Lamp: 39W T4.5 or T6 CMH, G12 Base

RA6470T6MHE
6" 70W T6 MH Electronic, 120V

Max. Lamp: 70W T6 CMH, G12 Base

Note: Add **27** for 277V operation
Add **347** for 347V operation
(39 & 70W only)

Housing Features

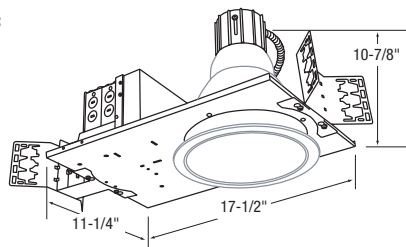
- Provides wall wash optical spread in cast aluminum head with Clear glass tempered lens.
- Large Junction Box: installed for through branch wiring 4-in 4-out (8) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts, and (4) Romex knockouts.
- Black painted steel housing with 1-1/4" deep collar accommodates various thickness of ceiling materials.
- Vertical adjustment of 0° to 30° with positive locking mechanism in socket bracket.
- Head is powder coated with textured architectural white paint finish.
- Meets or exceeds safety requirements for metal halide lamps.
- cULus Listed for damp locations.

Electronic Ballast

- Option of 120 or 277V for 50/60Hz operation.
- Constant power design adjusts to line and lamp voltage fluctuations which reduces lamp color variations and provides good color rendition.
- Extends lamp life up to 20% longer than magnetic ballasts.
- End-of-life circuit and thermal protection for maximum safety.
- Class A sound rating meets indoor application requirements.
- Ballast has 5-year manufacturer's warranty.

8" METAL HALIDE ED17/PAR38 HOUSINGS

Electronic



Ceiling Opening: 8-1/8"

RL870MH-E

8" 70W MH Electronic, 120V

Max. Lamp: 70W ED17P, 70W PAR38

RL810MH-E

8" 100W MH Electronic, 120V

Max. Lamp: 100W ED17P, 100W PAR38

RL815MH-E

8" 150W MH Electronic, 120V

Max. Lamp: 150W ED17P, 150W PAR38

Note: Add 277V for 277V operation
Add 347 for 347V operation

Housing Features

- Large Junction Box: (8) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts, and (8) Romex knockouts.
- Aluminum Heat Sink prevents lamp overheating.
- Multiple socket positions (1-1/2") offer a variety of lamp and distribution patterns.
- Ceiling Opening: 8-1/2".
- Commercial Mounting Kit (RL-KIT supplied) provides up to 5" of vertical adjustment.
- New York City approved, calendar number 47553.
- cULus Listed. Approved for damp locations.

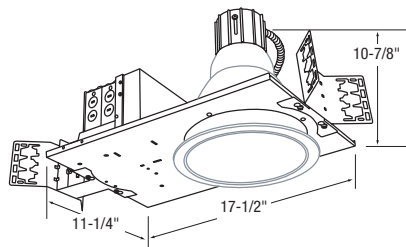
Electronic Ballast

- Option of 120 or 277V for 50/60Hz operation.
- Constant power design adjusts to line and lamp voltage fluctuations which reduces lamp color variations and provides good color rendition.
- Extends lamp life up to 20% longer than magnetic ballasts.
- End-of-life circuit and thermal protection for maximum safety.
- Class A sound rating meets indoor application requirements.
- Ballast 5-year manufacturer's warranty.

Optional Mounting Systems

- May be used with HB-24 (27" flat bar hanger set) for installation to T-bar, grid or concealed spline ceiling construction, or HBC-24 (25" C-channel hanger bar set) for grid ceiling applications.

Magnetic



RL870MH-M

8" 70W MH Magnetic, 120/277V

Max. Lamp: 70W ED17P, 70W PAR38

RL810MH-M

8" 100W MH Magnetic, 120/277V

Max. Lamp: 100W ED17P, 100W PAR38

RL815MH-M

8" 150W MH Magnetic, 120/277V

Max. Lamp: 150W ED17P, 150W PAR38

Note: Option 120/347V available, add 347

Housing Features

- Large Junction Box: (8) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts, and (8) Romex knockouts.
- Aluminum Heat Sink prevents lamp overheating.
- Multiple socket positions (1-1/2") offer a variety of lamp and distribution patterns.
- Ceiling Opening: 8-1/2".
- Commercial Mounting Kit (RL-KIT supplied) provides up to 5" of vertical adjustment.
- New York City approved, calendar number 47553.
- cULus Listed. Approved for damp locations.

Magnetic Ballast

- Dual voltage (120/277V) for convenience.
- Ballast has 2-year manufacturer's warranty.

Optional Mounting Systems

- May be used with HB-24 (27" flat bar hanger set) for installation to T-bar, grid or concealed spline ceiling construction, or HBC-24 (25" C-channel hanger bar set) for grid ceiling applications.

ORDER EXAMPLE:

Example Housing Order Number

RL870MH-E

Trim

CST8423V

Finish

-PL

Example Trim Order Number

CST8423V-PL

SPECIFICATION GRADE TRIMS



CST8422V-CLR

CST8422V-CLR

Specification Grade, 8" Aperture, Clear Specular Finish Reflector

CST8422V-PL

Specification Grade, 8" Aperture, Matte Platinum Finish Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 8-7/8" **H:** 7-3/8"

Aperture: 7-5/8"

Vertical Lamp Position



CST8423V-CLR

CST8423V-CLR

Specification Grade, 8" Aperture, Clear Specular Finish Reflector, 90° Wall Wash Kicker

CST8423V-PL

Specification Grade, 8" Aperture, Matte Platinum Finish Reflector, 90° Wall Wash Kicker

Max. Lamp: Determined by your choice of ballast.

OD: 8-7/8" **H:** 7-3/8"

Aperture: 7-5/8"

Vertical Lamp Position



CTR8101-B

Black Baffle, Clear Upper Reflector, Black Trim

CTR8101-P

Black Baffle, Clear Upper Reflector Trim

Max. Lamp: Determined by your choice of ballast.

OD: 9-7/8" **ID:** 7-1/2"

Trim Finish: White or Black



CTR8102-CLR

CTR8102-CLR

Specular Reflector Trim, Clear

Max. Lamp: Determined by your choice of ballast.

OD: 9-7/8" **ID:** 8"

Trim Finish: White



CTR8103-P

Stepped Wall Wash Trim, Clear Specular Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 9-7/8" **ID:** 8"

Trim Finish: White



CTR8115-P

Floating Glass Trim, Clear Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 9-7/8" **ID:** 8"

Glass OD: 9-7/8" **Glass ID:** 8-1/8" (with frosted center) **Drop:** 1-1/4"



CTR8116-CLR-P with 1AR8R

**CTR8116-(CLR, WHT)-P
1AR8(B, F, G, R, Y)**

Sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Max. Lamp: Determined by your choice of ballast.

OD: 10-3/4" **ID:** 7-3/4"

Trim Finish: White

Notes:

- All lamps must be **Protected (P)** for use in open fixtures unless you are using the wet location lensed series (CTR8131).
- Not all metal halide lamps have been tested on or are compatible with electronic metal halide ballasts. "Ceramic" arc tube metal halide lamps are highly recommended. Both the lamp and ballast manufacturers should be consulted for compatibility (latest list of recommended lamp types) BEFORE THE LAMPS ARE PURCHASED.
- Photometric files are available on our Website.
- Lamps listed in this catalog are stocked by Con-Tech for customer convenience. MasterColor™ Lamps are offered except where noted.

Reflector/Baffle Finish Codes

CLR - Clear
PL - Matte Platinum
WHT - White

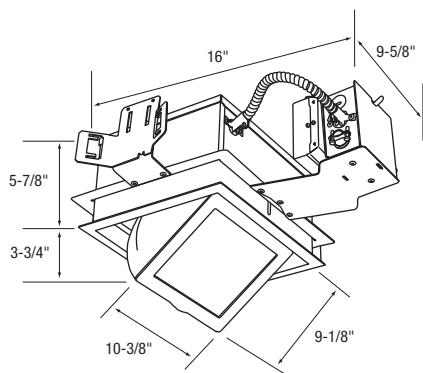
Trim Finish Codes

B - Black
P - White

Acrylic Finish Codes

B - Blue
F - Frosted
G - Green
R - Red
Y - Yellow

8" ED17 RECESSED STEALTH



RA8450MHE

8" 50W MH Electronic, 120V

Max. Lamp: 50W ED17P

RA8470MHE

8" 70W MH Electronic, 120V

Max. Lamp: 70W ED17P

RA8410MHE

8" 100W MH Electronic, 120V

Max. Lamp: 100W ED17P

RA8415MHE

8" 150W MH Electronic, 120V

Max. Lamp: 150W ED17P

*Note: Add **27** for 277V operation
Add **347** for 347V operation
(70, 100, & 150W only)

Housing Features

- Large Junction Box: installed for through branch wiring 4-in 4-out (8) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts, and (8) Romex knockouts.
- Black painted steel housing with 1-1/4" deep collar accommodates various thickness of ceiling materials.
- Provides wall wash optical spread in a cast aluminum head with prismatic tempered safety glass that provides 42% UV filtering.
- Vertical adjustment of 0° to 40° with positive locking mechanism in socket bracket.
- Head is powder coated with textured architectural white paint finish.
- Meets or exceeds safety requirements for metal halide lamps.
- cULus Listed for damp locations.

Electronic Ballast

- Option of 120 or 277V for 50/60Hz operation.
- Constant power design adjusts to line and lamp voltage fluctuations which reduces lamp color variations and provides good color rendition.
- Extends lamp life up to 20% longer than magnetic ballasts.
- End-of-life circuit and thermal protection for maximum safety.
- Class A sound rating meets indoor application requirements.
- Ballast has 5-year manufacturer's warranty.

Notes:

- All lamps must be **Protected (P)** for use in open fixtures.
- Not all metal halide lamps have been tested on or are compatible with electronic metal halide ballasts. "Ceramic" arc tube metal halide lamps are highly recommended. Both the lamp and ballast manufacturers should be consulted for compatibility (latest list of recommended lamp types) **BEFORE THE LAMPS ARE PURCHASED.**
- Photometric files are available on our Website.
- Lamps listed in this catalog are stocked by Con-Tech for customer convenience. MasterColor™ Lamps are offered except where noted.

ORDER EXAMPLE:

Example Order Number

RA8470MHE



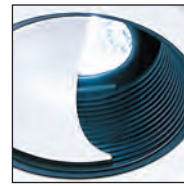


工上
訂馬

精

裕波



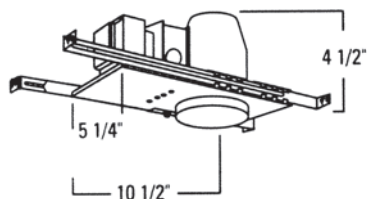


l o w v o l t a g e

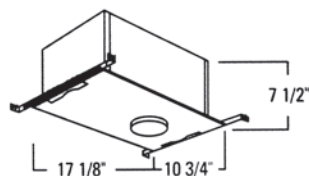


Our Low Voltage fixtures are available in a variety of decorative styles that create dramatic architectural statements. These fixtures are built for even the toughest installation challenges including new construction with solid or suspended ceilings as well as insulated ceilings. The minimal look of fine recessed lighting, coupled with a longer lamp life, precise beam control and increased energy efficiency are just some of the many benefits of using Low Voltage lighting. The advanced design of Con-Tech's Low Voltage housings are thermally protected and solidly fabricated. Our wide range of high-quality trims with a variety of designer finishes make these fixtures suitable for virtually any commercial, retail, or residential application. Con-Tech's Low Voltage housings are available in 3" and 4" apertures.

3" LOW VOLTAGE HOUSINGS



Ceiling Opening:
3-7/8"
Ceiling Thickness:
1/2" - 1"



Ceiling Opening:
3-7/8"
Ceiling Thickness:
1/2" - 1"

LVR316, LVR316 277V, LVR316-SA, LVR316-CP New Construction

Max. lamp: 50W 12V MR16, GU5.3 Base

- 120/12V or 277/12V models feature a thermally protected magnetic Class H transformer.
- Designed for solid or suspended ceilings.
- J-Box – (3) 1/2" knockouts and spring latch access plates.
- New construction models approved for through-circuit 90°C wiring. Maximum of 5 No. 12 AWG.
- The lamp housing is removable through ceiling aperture for access to junction box.
- Snap-off transformers.
- "Sure-Grip" springs permit the housing to be lowered and to adjust to ceiling thickness.
- Porcelain halogen socket with spring clip.
- Add "CP" for Chicago Plenum/CCEA approved.
- cULus listed for damp locations.
- StopAire® version has a sealed white steel housing and conforms to Washington State Energy Code (WSEC) for low air infiltration.

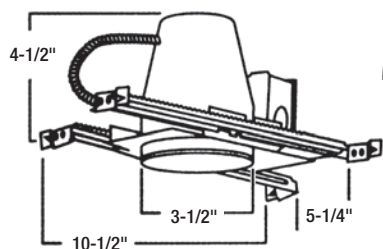
Reversible dual extension hanger bars span from 15" to 25.25". Integral holding spikes for easy mounting to wood joists. Hanger bars may also be extended to rest on T-bar ceilings. Optional clip-on T-bar hangers also available.

May be used with RL-KIT optional mounting bracket.

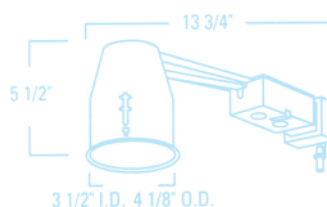
LVR316-IC Insulated Ceiling / StopAire® Air-tight Applications

Max. lamp: 50W 12V MR16, GU5.3 Base

- 120/12V thermally protected magnetic Class H transformer.
- Designed for solid or suspended ceilings.
- J-Box – (4) 1/2" and (2) 3/4" knockouts with spring latch access plates.
- The J-Box cover is removable through ceiling aperture for access to junction box.
- Transformer removable through ceiling aperture.
- "Sure-Grip" spring permits the inner housing to be lowered for adjustment to ceiling thickness.
- cULus listed for damp locations.
- For insulated ceilings conforming to Washington State Energy Code (WSEC) for low air infiltration.



Ceiling Opening:
3-7/8"
Ceiling Thickness:
1/2" - 1"



Ceiling Opening:
3-7/8"
Ceiling Thickness:
1/2" - 1"

LVR316LT Remote Transformer Housing

Max. lamp: 50W 12V MR16, GU5.3 Base

- For use with remote 12V or 24V transformers (electronic or magnetic). See selection on page 134 or 170.
- The LRT series transformers are recommended.
- cULus listed for damp locations.

LVR316-R, LVR316R-SA Remodel Style Housing

Max. lamp: 50W 12V MR16, GU5.3 Base

- 120/12V thermally protected magnetic Class H "in-line" transformer.
- Designed for solid or suspended ceilings.
- J-Box – (6) 1/2" knockouts and spring latch access plates.
- Lamp housing is removable through ceiling aperture for access to junction box.
- Replaceable transformer.
- Retractable mounting clips allow for easy installation into existing ceiling.
- Porcelain halogen socket with spring clip.
- cULus listed for damp locations.
- StopAire® version has a sealed white steel housing and conforms to Washington State Energy Code (WSEC) for low air infiltration.

Dimming Control for Magnetic Transformers

White face (wall plate not supplied).

LVD-600M

Wall mount slide style dimming control for use with low voltage recessed lighting with magnetic transformers. Rated capacity: 600VA (450W). 120V only.



LVD-600M/3

3-way dimming control. Rated capacity: 600VA (450W). 120V only.



CTR301SQ-P

CTR301SQ-B
Adjustable Black Baffle, Black Trim

CTR301SQ-P
Adjustable Black Baffle, White Trim

CTR301SQ-P-WHT
Adjustable Black Baffle, White Trim

15° Vertical Swing Range

Max. Lamp: 20-50W MR16, GU5.3
Dims: 4-3/8" X 4-3/8", **ID:** 2-7/8"
Lens Size: 45mm
Trim Finish: Black, White

See Note 1 Below



CTR302SQ-CLR

CTR302SQ-B-(BLK, CLR)
Adjustable Multiplier, Black Trim

CTR302SQ-(WHT, CLR)
Adjustable Multiplier, White Trim

37° Vertical Swing Range

Max. Lamp: 20-50W MR16, GU5.3
Dims: 4-3/8" X 4-3/8", **ID:** 2-7/8"
Lens Size: 45mm
Trim Finish: Black, White

See Note 1 Below



CTR305SQ-SQ-P-CLR

CTR305SQ-SQ-P-CLR
Square Pin Spot, White Trim, Clear Reflector

CTR305SQ-SQ-B-CLR
Square Pin Spot, Black Trim, Clear Reflector

CTR305SQ-SQ-NK-CLR
Square Pin Spot, Brushed Nickel Trim, Clear Reflector

Max. Lamp: 20-50W MR16, GU5.3
Dims: 4-3/8" X 4-3/8"
Opening: 2" X 2"
Lens Size: 50mm
Trim Finish: Black, White, Brushed Nickel

Note 1 Below



CTR306SQ-P

CTR306SQ-B
Surface Adjustable Black Trim (Black Baffle)

CTR306SQ-P
Surface Adjustable White Trim (Black Baffle)

Beauty and utility in a square die-cast adjustable trim – 40° maximum vertical swing, 359° rotational. The neat, regressed black baffle reduces surface brightness. Exclusive flat, stainless mounting springs hold trim firmly to ceiling.

Max. Lamp: 20-50W MR16, GU5.3
Dims: 4-3/8" X 4-3/8", **ID:** 2-1/8"
Lens Size: 50mm
Trim Finish: Black, White

See Note 1 Below



CTR301-WHT

CTR301-B
Adjustable Black Baffle, Black Trim

CTR301-P
Adjustable Baffle (Black)

CTR301-WHT
Adjustable Baffle (White)

15° Vertical Swing Range

Max. Lamp: 20-50W MR16, GU5.3
OD: 4-1/4", **ID:** 2-7/8"
Lens Size: 45mm
Trim Finish: Black, White

See Note 1 Below



CTR302-B-BLK

CTR302-B-BLKN
Adjustable Multiplier

CTR302-(NK, ST)-CLR
Adjustable Multiplier

CTR302-P-(BLK, CLR, WHT, PL)
Adjustable Multiplier

37° Vertical Adjustment

Max. Lamp: 20-50W MR16, GU5.3
OD: 4-1/4", **ID:** 2-7/8"
Lens Size: 45mm
Trim Finish: Black, Brushed Nickel, Brushed Stainless Steel, White

See Note 1 Below

◀ Trims shown for use with housings on page 326

Note: On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.

Note 1: Trim can hold up to (2) lenses using stepped lens holder. Insert 45mm lens on lower level of lamp seat. Insert 50mm lens/louwer on higher portion.

..... FEATURING CAST ALUMINUM TRIM CONSTRUCTION

ORDER EXAMPLE:

Example Housing Order Number

LVR316-IC

Trim

CTR301

Finish

+ -P =

Example Trim Order Number

CTR301-P

Reflector Finish Codes

BLK - Black
CLR - Clear

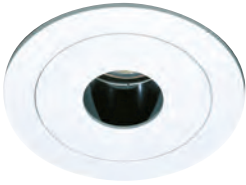
PL - Platinum
WHT - White

Trim Finish Codes

B - Black
NK - Brushed Nickel

P - White
ST - Brushed Stainless Steel

3" LOW VOLTAGE TRIMS



CTR305-BLK

CTR305-BLK
Pin Spot - Black Cut-Off Reflector

CTR305-B-BLK
Pin Spot - Black Cut-Off Reflector, Black Trim

CTR305-CLR
Pin Spot - Clear Cut-Off Reflector

CTR305-B-BLKN
Pin Spot - One Piece Trim, Black Cut-Off Reflector, Black Trim

Downlight Only

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-1/4", **ID:** 1-3/8"

Lens Size: 50mm

Trim Finish: Black, White

See Note 1 Below



CTR311FR-P

CTR311FR-(P, NK)
Frosted Flat Glass

Shower Light Trim

- Double Neoprene Gasketed
- cULus listed for Wet Location

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-1/4", **ID:** 2-3/8"

Trim Finish: Brushed Nickel, White



CTR312-P

CTR312-P
Flat Glass

Etched Glass for Light Diffusion

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-1/4", **ID:** 2-3/8"

Trim Finish: White



CTR313-P

CTR313-P
Convex Drop Glass

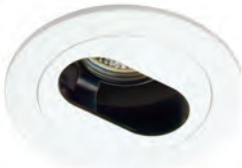
Shower Light Trim

- 3/4" Drop (ceiling to bottom of glass)
- Double Neoprene Gasketed
- cULus listed for Wet Location

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-1/4", **ID:** 2-5/8"

Trim Finish: White



CTR303N-P

CTR303N-P
Slotted Wall Wash

Slotted adjustable wall wash trim provides broad illumination. The slot aperture permits maximum beam area adjustment for either wall wash or concealed accent lighting effects. Internal 50° swing adjustment and external 358° rotation. Black interior surface.

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-1/4"

ID: 1-3/8" x 2-1/2"

Lens Size: 45mm

Trim Finish: White

See Note 1 Below



CTR304-P-CLR

CTR304-B-BL
Angled Wall Wash (Black Reflector), Black Trim

CTR304P-(CLR, PL)
Angled Wall Wash (Chrome or Platinum Reflector), White Trim

CTR304-S-PL
Angled Wall Wash (Platinum Reflector), Silver Trim

Angled wall wash trim allows you to coordinate your ceiling design with existing open multiplier trims. Adjustable lampholder (55°-75° aiming angle).

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-1/4", **ID:** 2-7/8"

Lens Size: 45mm

Trim Finish: Black, Silver, White

See Note 1 Below



CTR306-P

CTR306-P
Surface Adjustable (Black Baffle)

Beauty and utility in a circular, die-cast, adjustable trim—40° maximum vertical swing, 359° rotational. The neat, regressed black baffle reduces surface brightness. Exclusive flat, stainless mounting springs. Holds trim firmly to ceiling.

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-1/4", **ID:** 2-7/8"

Lens Size: 50mm

Trim Finish: White

See Note 1 Below

◀ Trims shown for use with housings on page 326

Note: On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.

Note 1: For 2 light control elements, trim uses stepped lens holder. Insert 45mm lens on lower level of lamp seat. Insert 50mm lens/louver on higher portion.

..... FEATURING **CAST ALUMINUM TRIM CONSTRUCTION**

Baffle/Reflector Finish Codes

BL - Matte Black **PL** - Platinum
CLR - Clear **WHT** - White

Trim Finish Codes

B - Black **P** - White
NK - Brushed Nickel **S** - Silver **ST** - Brushed Stainless Steel



CTR307-WHT

CTR307-WHT
Adjustable Pin Spot

CTR307-(B, NK, P)
Adjustable Pin Spot (Black Baffle)

Precise, adjustable beam aiming with this pin spot. Deep baffle for maximum lamp concealment. May be used as a pin spot style downlight or an adjustable accent light. With rotational capability and a broad, 35° vertical swing range. Choose black or white baffle.

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-1/4", **ID:** 2-7/8"

Lens Size: 45mm

Trim Finish: Black, Brushed Nickel, White

See Note 1 Below



CTR324-ST

CTR324-(NK, P, ST)
Fully Adjustable

Unsurpassed aiming flexibility: 359° rotational, 87° vertical. Variety of designer finishes available for any décor or environment. Use for downlighting or accent lighting applications. Front access, spring latch lamp retainer ring-black finish. (Optional white retainer ring available, Con-Tech model: **1623/24 WHITE**.) Exclusive stainless flat springs insure firm, close-to-ceiling mounting.

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-1/4"

Lens Size: 47mm

Note: The CTR324 trims will only accept one lens. If a louver (**FA-16 45MM**) is required, remove safety lens and use a front glass MR16 lamp.



CTR325-NK

CTR325-(B, NK, P)
Fully Adjustable

Unsurpassed aiming flexibility: 359° rotational, 87° vertical. Variety of designer finishes available for any décor or environment. Use for downlighting or accent lighting applications. Easy relamping with twist-off front retaining ring. Exclusive stainless flat springs insure firm, close-to-ceiling mounting.

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-1/4"

Lens Size: 50mm



CTR335-CO

CTR335-(B, CO, NK, P)
Elbow

Exceptional aiming flexibility with 87° vertical and 359° rotation adjustment. Die-cast aluminum construction, wide selection of finishes. Front access, spring latch lamp retainer ring-black finish. (Optional white retainer ring available, Con-Tech model: **1623/24 WHITE**.)

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-1/4"

Lens Size: 47mm

Max. Depth from Ceiling: 2-1/2"

Note: The CTR335 trims will only accept one lens. If a louver (**FA-16 45MM**) is required, remove the safety lens and use a front glass MR16 lamp.

◀ Trims shown for use with housings on page 326

Note: On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.



CTR310-F-P

CTR310-F-P
Fluted Frosted Glass

Handsome, traditional fluted styling is suitable for any décor. Cylindrical shape focuses light downward, eliminates glare. Available in decorator frosted glass.

Max. Lamp: Front glass 20-50W MR16, GU5.3

OD: 4-1/4", **ID:** 2-3/4"

Depth from Ceiling: 1-1/4"



CTR318-F
Frosted Glass Cone

Tapered glass diffuser with specular reflector.

Max. Lamp: Front glass 20-50W MR16, GU5.3

OD: 4-1/4", **ID:** 2-1/2"

Lens Size: 50mm

Depth from Ceiling: 1-1/4"



CTR317-P

CTR317-P
Floating Ring

Decorative floating frosted glass ring with 2" center opening adds a modern look to commercial/retail applications. Clear reflector with diffuse plastic cone. Maximum efficiency and minimum glare. Cast aluminum trim construction.

Max. Lamp: 20-50W MR16, GU5.3

Lens Size: 50mm

Floating Glass Size: 4-3/8"

Depth from Ceiling: 1-1/8"



CTR321-F-NK

CTR321-F-(NK, P)
Frosted Glass Cylinder

Cylindrical glass diffuser with specular reflector focuses light downward and eliminates glare.

Choose white or nickel trim with frosted glass (F).

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-1/4", **ID:** 1-5/8"

Depth from Ceiling: 1-1/4"

..... FEATURING **CAST ALUMINUM TRIM CONSTRUCTION**

Trim Finish Codes

B - Black

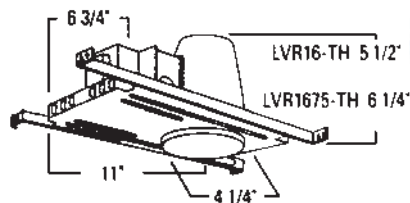
CO - Brushed Copper

NK - Brushed Nickel

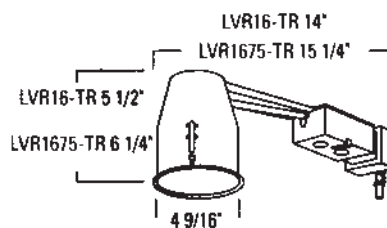
P - White

ST - Brushed Stainless Steel

4" LOW VOLTAGE HOUSINGS



Ceiling Opening:
4-3/8"
Ceiling Thickness:
1/2" - 1-1/2"



Ceiling Opening:
4-1/8"
Ceiling Thickness:
1/2" - 1-1/4"

New Construction

LVR16-TH 120/12V
LVR16-TH 277V 277/12V
Max. lamp: 50W 12V MR16, GU5.3 Base

LVR1675-TH 120/12V
LVR1675-TH 277V 277/12V
Max. lamp: 75W 12V MR16, GU5.3 Base

New Construction / StopAire® Air-Tight Applications

LVR16-TH SA 120/12V
Max. lamp: 50W 12V MR16

- Thermally protected Magnetic Class H Transformer.
- Used in all ceiling construction; in insulated ceilings maintain a 3" minimum clearance.
- 75W models have ceramic terminal block connections with a porcelain socket.
- J-Box - (4) 1/2" and (2) 3/4" knockouts with spring latch access plates.
- Approved for through circuit wiring.
- Lamp housing is removable through ceiling aperture for access to junction box.
- "Sure-grip" spring permits housing to be lowered and precisely held to ceiling surface.
- Dual extension hanger bars span from 15" to 25-1/4" with reversible placement feature. Hanger bars may be extended to rest on the T-bar grid.
- Add "CP" for Chicago Plenum/CCEA approved.
- cULus listed for damp locations.
- City of Chicago approved, New York City approved, calendar number 40179.
- Porcelain halogen socket with spring clip.
- StopAire® version has a sealed white steel housing and conforms to Washington State Energy Code (WSEC) for low air infiltration.

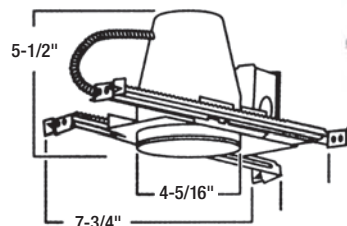
(Optional clip-on T-bar hangers also available.)

Remodel Style Housings

LVR16-TR 120/12V
Max. lamp: 50W 12V MR16, GU5.3 Base

LVR1675-TR 120/12V
Max. lamp: 75W 12V MR16, GU5.3 Base

- Thermally protected Magnetic Class H Transformer.
- Retractable mounting clips allow for easy installation into existing ceiling.
- New in-line style transformer placement with adjustable support foot.
- J-Box (6) 1/2" knockouts with spring latch access plates.
- cULus listed for damp locations.
- New York City approved, calendar number 40179.
- StopAire® version has a sealed white steel housing and conforms to Washington State Energy Code (WSEC) for low air infiltration.



Ceiling Opening:
3-7/8"
Ceiling Thickness:
1/2" - 1"

LVR-16 Remote Transformer Housing

Max. lamp: 50W 12V or 24V MR16, GU5.3 Base

- For use with remote 12V or 24V transformers (electronic or magnetic.) See selection on page 134.
- The LRT series transformers are recommended.
- cULus listed for damp locations.
- New York City approved, calendar number 40179.

Note: LVR-16 Housings will work with all Con-Tech 4" low voltage trims **EXCEPT** the CTR1606, CTR1618, and the Retractable series trims.

ORDER EXAMPLE:

Example Housing Order Number

LVR16-TH

Trim

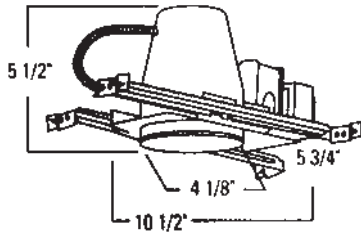
CTR1604

Finish

-P

Example Trim Order Number

CTR1604-P

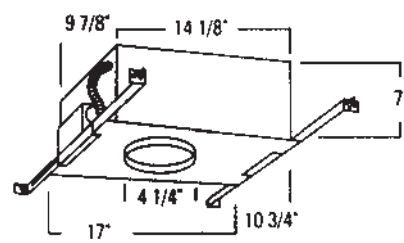


Ceiling Opening:
4-3/8"
Ceiling Thickness:
1/2" - 1"

LVR16-TE 120/12V
Standard Housing

Max. lamp: 50W 12V MR16, GU5.3 Base

- Thermally protected Magnetic Class H Transformer.
- May be used in all ceiling construction; in insulated ceilings a 3" minimum clearance must be maintained.
- May be used with RL-Kit optional mounting bracket.
- J-Box (4) 1/2" knockouts and (2) 3/4" knockouts with spring latch access plates.
- Approved for through circuit wiring.
- cULus listed for damp locations.
- New York City approved, calendar number 40179.



Ceiling Opening:
4-3/8" (98mm)
Ceiling Thickness:
1/2" - 1"

LVR16-IC 120/12V
Insulated Ceiling / StopAire® Air-Tight Applications

Max. lamp: 50W 12V MR16, GU5.3 Base

- Thermally protected Magnetic Class H Transformer.
- For insulated ceilings conforming to Washington State Energy Code (WSEC) for low air infiltration.
- Maximum of 8 No. 12 AWG branch circuit conductors (4 in, 4 out).
- J-Box – (4) 1/2" and (2) 3/4" knockouts with spring latch access plates.
- Approved for through circuit wiring.
- Lamp housing is removable through ceiling aperture for access to junction box.
- "Sure-grip" spring permits inner housing to be lowered and precisely held to ceiling surface.
- Dual extension hanger bars span from 15" to 25-1/4" with reversible placement feature. Hanger bars may be extended to rest on T-bar grid.
- cULus listed for damp locations.
- New York City approved, calendar number 40179.



Dimming Control for Magnetic Transformers

White face (wall plate not supplied).

LVD-600M

Wall mount slide style dimming control for use with low voltage recessed lighting with magnetic transformers.
Rated capacity: 600VA (450W). 120V only.

LVD-600M/3

3-way dimming control. Rated capacity: 600VA (450W). 120V only.

ORDER EXAMPLE:

Example Housing Order Number

LVR16-TE

Trim

CTR1601

+

Finish

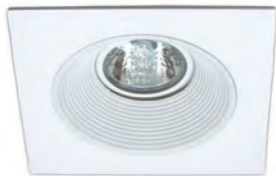
-P

=

Example Trim Order Number

CTR1601-P

4" LOW VOLTAGE TRIMS



CTR1601SQ-P-WHT

4" Square Baffled Downlight

CTR1601SQ-B

Adjustable Black Baffle, Black Trim

CTR1601SQ-P

Adjustable Black Baffle, White Trim

CTR1601SQ-P-WHT

Adjustable White Baffle, White Trim

Deep baffle traps stray light and conceals the lamp. May be used as a downlight, or adjustable accent light with 60° swing adjustment.

May be used with multiple light controlling elements (colored lens, spread lens, louver, etc).

Note: These trims use a stepped lens holder design. Insert 45mm lens on the lower level of the adjustable lamp seat. Install 50mm lens on the higher position.

Max. Lamp: 20-50W MR16, GU5.3 (75 watt max. w/LVR1675-TH and LVR1675-TR housings only)

Dims: 4-7/8" X 4-7/8", **ID:** 3-1/2"

Lens Size: 45mm

Trim Finish: Black, White



CTR1602SQ-P-CLR

4" Square Adjustable Multiplier

CTR1602SQ-B-(BLK, CLR)

Adjustable Multiplier, Black Trim

CTR1602SQ-P-(WHT, CLR)

Adjustable Multiplier, White Trim

Multipliers utilize a highly polished, specular reflector to maximize light intensity while concealing the light source. May be used as a downlight or adjustable accent light with 35° swing adjustment.

May be used with multiple light controlling elements (colored lens, spread lens, louver, etc).

Note: These trims use a stepped lens holder design. Insert 45mm lens on the lower level of the adjustable lamp seat. Install 50mm lens on the higher position.

Max. Lamp: 20-50W MR16, GU5.3 (75 watt max. w/LVR1675-TH and LVR1675-TR housings only)

Dims: 4-7/8" X 4-7/8", **ID:** 3-1/2"

Lens Size: 45mm

Trim Finish: Black, White



CTR1604SQ-P

4" Square Surface Adjustable

CTR1606SQ-B

Surface Adjustable Black Trim (Black Baffle)

CTR1606SQ-P

Surface Adjustable White Trim (Black Baffle)

Square die-cast surface adjustable trim provides 45° max. vertical and 359° rotational aiming flexibility. Front access for re-lamping.

Max. Lamp: 20-50W MR16, GU5.3

Dims: 4-7/8" X 4-7/8", **ID:** 3-1/2"

Lens Size: 50mm

Trim Finish: Black, White

Note: Order part number **SOCKET 1624/75** to convert trim for 75W housing.



CTR1604-P

CTR1604-P

Baffled Square (Black Baffle)

Deep baffle traps stray light and conceals the light source. Downlight or adjustable-up to 35° vertical adjustment.

Max. Lamp: 20-50W MR16, GU5.3 (75 watt max. w/LVR1675-TH and LVR1675-TR housings only)

Dims: 4-3/4" X 4-3/4", **ID:** 2-7/8"

Lens Size: 45mm

Trim Finish: White



CTR1629-P

CTR1629-(B, P)*

Fully Adjustable - Square / Square

Exceptional aiming flexibility with 87° vertical and 359° rotation adjustment. Die-cast aluminum construction, wide selection of finishes. Front access, spring latch lamp retainer ring-black finish.

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-7/8"

Lens Size: 47mm

Depth from Ceiling: 2-5/8"



CTR1601-P-WHT

Baffled Downlight

Standard Trim:

(OD: 5-1/2", ID: 3-1/2")

CTR1601-P

Adjustable Black Baffle

CTR1601-P-WHT

Adjustable White Baffle

CTR1601-B

Adjustable Black Baffle, Black Trim

Narrow Trim:

(OD: 4-15/16", ID: 3-1/2")

CTR1601N-P

Adjustable Black Baffle

CTR1601N-P-WHT

Adjustable White Baffle

Cast Aluminum Trim:

(OD: 5-1/8", ID: 3-1/2")

CTR1601-PA

Adjustable Black Baffle

CTR1601-PA-WHT

Adjustable White Baffle

CTR1601-BA

Black Baffle,

Black Cast Aluminum Trim Ring

Deep baffle traps stray light and conceals the lamp. May be used as a downlight, or adjustable accent light with 60° swing adjustment.

May be used with multiple light controlling elements (colored lens, spread lens, louver, etc).

Note: These trims use a stepped lens holder design. Insert 45mm lens on the lower level of the adjustable lamp seat. Install 50mm lens on the higher position.

Max. Lamp: 20-50W MR16, GU5.3

(75 watt max. w/LVR1675-TH and LVR1675-TR housings only)

Lens Size: 45mm

Trim Finish: Black, White

◀ Trims shown for use with housings on pages 330-331

Note: On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.

Reflector Finish Codes

BLK - Black
CLR - Clear

PL - Matte Platinum
WHT - White

Trim Finish Codes

BA - Black Cast Aluminum
B - Black
NK - Brushed Nickel

P - White
PA - White Cast Aluminum
ST - Brushed Stainless Steel



CTR1602-P-CLR

Multiplier

Standard Trim:
(OD: 5-1/2", ID: 3-1/2")

CTR1602-P-(BLK, CLR, PL, WHT)

CTR1602-B-BLK

CTR1602-(NK, ST)-CLR

Narrow Trim:
(OD: 4-15/16", ID: 3-1/2")

CTR1602N-P-(CLR, WHT)

CTR1602N-B-BLK

Cast Aluminum Trim:
(OD: 5-1/8", ID: 3-1/2")

CTR1602-PA-(CLR, WHT)

Multipliers utilize a highly polished, specular reflector to maximize light intensity while concealing the light source. May be used as a downlight or adjustable accent light with 35° swing adjustment.

May be used with multiple light controlling elements (colored lens, spread lens, louver, etc).

Note: These trims use a stepped lens holder design. Insert 45mm lens on the lower level of the adjustable lamp seat. Install 50mm lens on the higher position.

Max. Lamp: 20-50W MR16, GU5.3
(75 watt max. w/LVR1675-TH and LVR1675-TR housings only)

Lens Size: 50mm

Trim Finish: Black, Brushed Nickel, Brushed Stainless Steel, White



CTR1606-B

CTR1606-(B, P)
Surface Adjustable

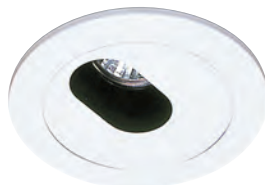
Round die-cast surface adjustable trim provides 45° max. vertical and 359° rotational aiming flexibility. Front access for re-lamping.

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-15/16", **ID:** 1-3/4"

Lens Size: 50mm

Note: Order part number **SOCKET 1624/75** to convert trim for 75W housing.



CTR1603N-P

Slotted Wall Wash

Standard Trim:
(OD: 5-1/2", ID: 1-5/16" x 2-1/4")

CTR1603-P

Narrow Trim:
(OD: 4-15/16", ID: 1-5/16" x 2-1/4")

CTR1603N-P

Cast Aluminum Trim:
(OD: 5-1/8", ID: 1-5/16" x 2-1/4")

CTR1603-PA

The slot aperture permits maximum beam area adjustment for either wall wash or concealed accent lighting effects. 50° swing adjustment and 358° rotation.

Max. Lamp: 20-50W MR16, GU5.3
(75 watt max. w/LVR1675-TH and LVR1675-TR housings only)

Lens Size: 50mm



CTR1607-P

CTR1607-P
Adjustable Pin Spot - Black Baffle

CTR1607-P-WHT
Adjustable Pin Spot - White Baffle

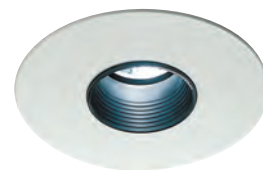
Adjustable pin spots feature a low profile gimbal design for aiming flexibility and a choice of finishes to suit any décor. 35° swing adjustment. Black or white baffles.

Max. Lamp: 20-50W MR16, GU5.3
(75 watt max. w/LVR1675-TH and LVR1675-TR housings only)

OD: 4-3/4", **ID:** 2"

Lens Size: 45mm

Note: These trims use a stepped lens holder design. Insert 45mm lens on the lower level of the adjustable lamp seat. Install 50mm lens on the higher position.



CTR1605-P

Baffled Pin Spot

CTR1605-P
Black Baffle

CTR1605-P-WHT
White Baffle

Precise beam spread and unobtrusive appearance. Concealed lamp design for maximum eye comfort. Deep baffle. Downlight only.

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-7/8", **ID:** 2"

Lens Size: 45mm

Trim Finish: White

Notes: These trims use a stepped lens holder design. Insert 45mm lens on the lower level of the adjustable lamp seat. Install 50mm lens on the higher position.

Order part number **SOCKET 1624/75** to convert trim for 75W housing.



CTR1608-P

Eyeball - Black Baffle

CTR1608-P

Eyeball models direct the light exactly where needed with up to 45° vertical aiming and 358° rotational adjustment. Black baffle provides excellent cutoff and lamp concealment.

Max. Lamp: 20-50W MR16, GU5.3
(75 watt max. w/LVR1675-TH and LVR1675-TR housings only)

Standard Trim:
(OD: 5-1/2", ID: 2-1/8")

Lens Size: 45mm

◀ Trims shown for use with housings on pages 330-331

Note: On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.

Trim Finish Codes

B - Black
P - White

PA - White Cast Aluminum
WHT - White Baffle

4" LOW VOLTAGE TRIMS



CTR1609-P

CTR1609-P

Surface Adjustable-Cast Black Baffle

CTR1609-P-WHT

Surface Adjustable-Cast White Baffle

Downlight or adjustable accent light with up to 35° vertical and 358° rotational adjustment. Choice of low glare black or white baffle.

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-7/8", **ID:** 3"

Lens Size: 50mm

Note: Order part number **SOCKET 1624/75** to convert trim for 75W housing.



CTR1613-P

CTR1613-P

Scoop Wall Wash-Black Baffle

CTR1613-P-WHT

Scoop Wall Wash-White Baffle

For broad, even wall wash illumination. Available with a black baffle or white light baffle.

Max. Lamp: 20-50W MR16, GU5.3

OD: 4-7/8", **ID:** 3-1/4"

Lens Size: 45mm

Note: Order part number **SOCKET 1624/75** to convert trim for 75W housing.



CTR1611FR-P

CTR1611FR-(NK, P, ST)

Shower Light, Flat Frosted Glass

CTR1611CL-(NK, P, ST)

Shower Light, Flat Clear Glass

- cULus listed for wet locations.
- Die cast aluminum
- Clear specular reflector
- Double neoprene gasketed

Max. Lamp: 20-50W MR16, GU5.3

OD: 5-1/16", **ID:** 3-7/16"

Note: Order part number **SOCKET 1624/75** to convert trim for 75W housing.



CTR1614-P-CLR

CTR1614-P-CLR

Angled Wall Wash - Clear Reflector

Angled wall wash trim allows you to coordinate your ceiling design with existing open multiplier trims. Use lens options to further fine-tune your wall wash application. Adjustable lampholder (55°-75° aiming angle).

Max. Lamp: 20-50W MR16, GU5.3

OD: 5-1/16", **ID:** 3-7/16"

Lens Size: 45mm

Note: Order part number **SOCKET 1624/75** to convert trim for 75W housing.



CTR1621-FR-NK

CTR1621-FR-(NK, P)

Frosted Glass Cylinder

Cylindrical glass diffuser with specular reflector focuses light downward and eliminates glare.

Choose white or nickel trim with frosted glass (FR).

Max. Lamp: 20-50W MR16, GU5.3

OD: 5-1/8", **ID:** 2-1/8"

Depth from Ceiling: 2"

Note: Order part number **SOCKET 1624/75** to convert trim for 75W housing.

◀ Trims shown for use with housings on page 330-331

Note: On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.

Reflector Color Codes

CLR - Clear

Accenting and Trim Finish Codes

NK - Brushed Nickel
P - White
ST - Brushed Stainless Steel

Glass Codes

B - Blue
CL - Clear
F - Frosted
FR - Frosted



CTR1614CL-P-CLR

CTR1614CL-P-CLR
Shower Light, Angled Wall Wash

- cULus listed for wet locations.
- Die cast aluminum
- Clear specular angled reflector
- Adjustable lamp holder (55° - 75° aiming angle)
- Clear glass lens
- Double neoprene gasketed

Max. Lamp: 20-50W MR16, GU5.3
OD: 5-1/4", **ID:** 3-1/4"

Note: Order part number **SOCKET 1624/75** to convert trim for 75W housing.



CTR1624-NK

CTR1624-
(B, NK, P, ST)*
Fully Adjustable - Square in Round

Exceptional aiming flexibility with 87° vertical and 359° rotation adjustment. Die-cast aluminum construction, wide selection of finishes. Front access, spring latch lamp retainer ring-black finish.

Max. Lamp: 20-50W MR16, GU5.3

OD: 5-1/8"

Lens Size: 47mm

Depth from Ceiling: 2-1/2"



CTR1625-NK

CTR1625-(B, NK, P)*
Fully Adjustable - Round / Round

Exceptional aiming flexibility with 87° vertical and 359° rotation adjustment. Die-cast aluminum construction, wide selection of finishes. Front access, spring latch lamp retainer ring-black finish.

Max. Lamp: 20-50W MR16, GU5.3

OD: 5-1/8"

Lens Size: 47mm

Depth from Ceiling: 2-1/2"



CTR1618-B-P

CTR1618-B-P
Blue Compressed Glass

CTR1618-F-P
Frosted Compressed Glass

Elegant compressed glass accent trim designed for front glass MR16 lamps. Full lamp concealment.

Max. Lamp: 20-50W MR16, GU5.3

OD: 5", **ID:** 1-1/2"

Note: Order part number **SOCKET 1624/75** to convert trim for 75W housing.



CTR1635-P

CTR1635-P*
Fully Adjustable - Round/Round

Exceptional aiming flexibility with 87° vertical and 359° rotation adjustment. Die-cast aluminum construction, wide selection of finishes. Front access, spring latch lamp retainer ring-black finish.

Max. Lamp: 20-50W MR16, GU5.3

OD: 5-1/8"

Lens Size: 47mm

Depth from Ceiling: 2-3/4"

◀ Trims shown for use with housings on page 330-331

Note: On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.

***Retractable Trims Notes**

Order Part Number **SOCKET 1624/75** to convert trim for 75 watt housings (LVR1675-TH, LVR1675-TR, or LVR1675-TH 277V). Front access, spring latch lamp retainer ring-black finish standard (Order optional white retainer ring part number **1623/24 WHITE**).

These fully adjustable trims will only accept one lens. If a **FA-16 45MM** louver is required, remove the safety lens and use a Front Glass MR16 lamp. A series of 47mm tempered color or light controlling lenses may be used instead of the clear lens supplied.

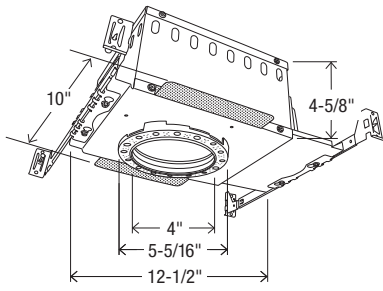
Trim Finish Codes

B - Black
CO - Copper

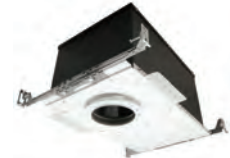
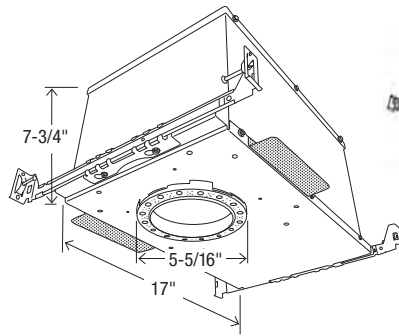
NK - Brushed Nickel
P - White

ST - Brushed Stainless Steel

ENVISION FLUSH MOUNT DOWNLIGHT HOUSINGS



Ceiling Opening:
5-1/2"



Ceiling Opening:
5-1/2"

RS4175

New Construction

RS4175-SA

*New Construction
StopAire® Air Tight*

Max. lamp: 75W 12V MR16

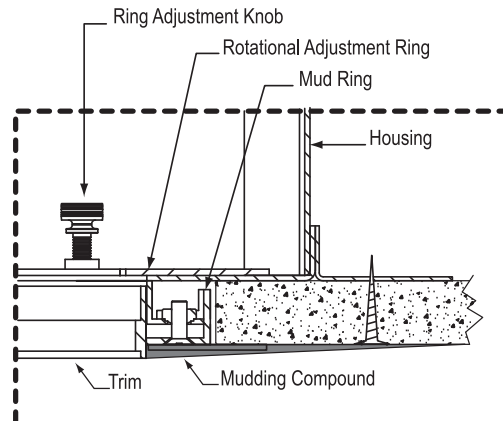
- Clean, zero sightline fixture; trims disappear in the ceiling.
- Internal adjustment ring with 360° adjustability with locking mechanism for secure trim position.
- Two mudrings offer 1/2" – 2" ceiling thickness accommodation.
- Hot aiming/lamp adjustment can be done with a standard Philips screwdriver.
- Hangerbars extend from 14" – 25-1/4".
- Perforated wings provide a secure fit to drywall ceilings.
- 120/12V model features a thermally protected magnetic Class H transformer.
- Used in drywall ceiling applications.
- J-box - (6) 1/2" knock-outs
- Approved for through branch wiring.
- cULus Listed for damp locations.

RS4150-ICSA

*Insulated Ceiling
StopAire® Air Tight*

Max. lamp: 50W 12V MR16

- Clean, zero sightline fixture; trims disappear in the ceiling.
- Used in insulated ceilings for direct contact with insulation.
- Internal adjustment ring with 360° adjustability with locking mechanism for secure trim position.
- Two mudrings offer 1/2" – 2" ceiling thickness accommodation.
- Hot aiming/lamp adjustment can be done with a standard Philips screwdriver.
- Hangerbars extend from 14" – 25-1/4".
- Perforated wings provide a secure fit to drywall ceilings.
- 120/12V model features a thermally protected magnetic Class H transformer.
- Used in drywall ceiling applications.
- J-box - (6) 1/2" knock-outs
- Approved for through branch wiring.
- cULus Listed for damp locations.



Installation detail section

4" ENVISION FLUSH MOUNT DOWNLIGHT TRIMS



CST402V-P-CLR

*Trimless 4" Adjustable Multiplier,
Clear Reflector*

CST402V-P-PL

*Trimless 4" Adjustable Multiplier,
Platinum Reflector*

CST402V-P-WHT

*Trimless 4" Adjustable Multiplier,
White Reflector*

Max. Lamp: 20-50W MR16, GU5.3
(75W max. w/RS4175 only)

OD: 4"

ID: 3"

Lens Size: 50mm

Trim Finish: White



CST403V-P

Trimless 4" Adjustable Slot Aperture

Max. Lamp: 20-50W MR16, GU5.3
(75W max. w/RS4175 only)

OD: 4"

ID: 1-3/4" x 1-1/3"

Lens Size: 50mm

Trim Finish: White



CST404V-P-CLR

*Trimless 4" Adjustable
Angled Cone, Clear Reflector*

CST404V-P-PL

*Trimless 4" Adjustable
Angled Cone, Platinum Reflector*

Max. Lamp: 20-50W MR16, GU5.3
(75W max. w/RS4175 only)

OD: 4"

ID: 3"

Lens Size: 50mm

Trim Finish: White



CST405V-P

Trimless 4" Adjustable Pinhole

Max. Lamp: 20-50W MR16, GU5.3
(75W max. w/RS4175 only)

OD: 4"

ID: 2"

Lens Size: 50mm

Trim Finish: White

Reflector Finish Codes

CLR - Clear

PL - Matte Platinum

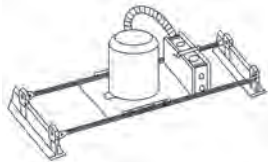
WHT - White

Trim Finish Codes

P - White

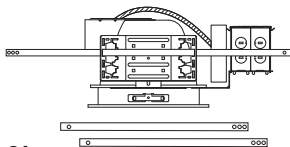
LOW VOLTAGE ACCESSORIES

T-BAR HANGERS



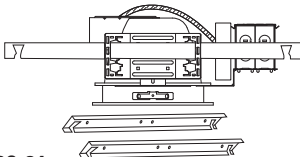
HB-30

Optional T-bar hanger set. Use with LVR16, LVR1675, LVR316, RA4LNC, RA4LIC, RA4LSA, RA6LNC, RA6LIC, RA6LSA, .



HB-24

Flat hanger set for use with RL-KIT in T-bar, grid or concealed spline ceilings. Spans 24" ceiling grid (actual length 27").



HBC-24

C-channel hanger bar set for use with RL-KIT in grid ceiling construction. Provides firm, no-sag installation with 24" spacing (actual length 25-1/4"). Notched for placement on inverted T-bar ceilings.

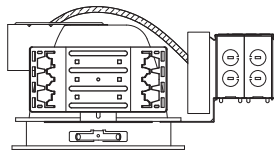
SOCKET REPLACEMENTS



1624 Socket-75W

Replacement socket with ceramic terminal block adapter for converting retractable series trims to 75W capacity.

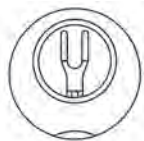
MOUNTING KIT



RL-KIT

Commercial mounting brackets for all types of suspended ceilings. Includes butterfly slots for C-channel mounting brackets (HBC-24) and vertical slots for flat hanger bar set (HB-24). Provides up to 5" of vertical adjustment and variable settings with choice of slots. Supplied with extra vertical bracket with extended foot plate to allow use on long or short sides of plaster frame. (Unused bracket may be discarded.)

FINGER EASE CAP



CTR25-P

Accessories Cap for retractable trim. Aids front adjustment for aiming of beam.

DIMMING CONTROL



LVD-600M*

Wall mount slide style dimming control for use with low voltage recessed lighting with magnetic transformers. Rated capacity: 600VA (450W). 120V only.

LVD-600M/3*

3-way dimming control. Rated capacity: 600VA (450W). 120V only.

* White face (wall plate not supplied).

RETAINER RING



1623/24 WHITE

Optional white lamp retainer ring.

1623/24 BLACK

Replacement black lamp retainer ring.

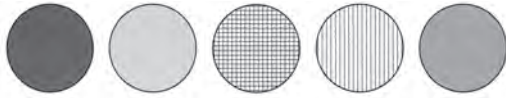
Accessory Finish Codes

B - Black

P - White

P/B - White Exterior/Black Interior

GLASS LENSES



LF16-73
Corning 73 spread lens

LF16-LS
Linear spread lens

LF16-SL
Softlight sandblasted diffuser

LF16-SOL
Solite diffuser (mini prism)

LF16-UV
OPTIVEX™ ultraviolet filter

- LF16-***
- **A** Amber
 - **B** Blue
 - **CL** Clear
 - **G** Green
 - **LB** Light Blue
 - **R** Red
 - **RO** Rose
 - **Y** Yellow

* Insert lens color

*For use with
Retractable series:*

LF16-73 47MM
Corning 73 spread lens

LF16-LS 47MM
Linear spread lens

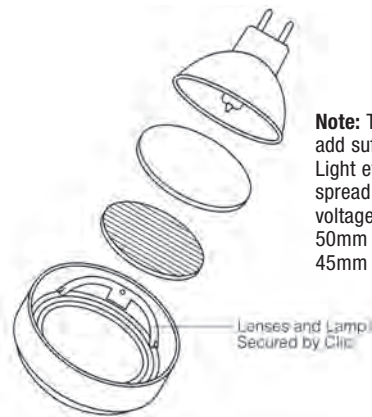
LF16-SL 47MM
Softlight sandblasted diffuser

LF16-SOL 47MM
Solite diffuser (mini prism)

LF16-UV 47MM
OPTIVEX™ ultraviolet filter

- LF16-* 47MM**
- **A** Amber
 - **B** Blue
 - **CL** Clear
 - **G** Green
 - **LB** Light Blue
 - **R** Red
 - **RO** Rose
 - **Y** Yellow

- LF16-* 45MM**
- **A** Amber
 - **B** Blue
 - **CL** Clear
 - **G** Green
 - **LB** Light Blue
 - **R** Red
 - **RO** Rose
 - **Y** Yellow



Note: To order 45mm lens and/or louver, add suffix 45mm (i.e. **LF16-A 45MM**). Light effecting elements (color glass or spread lens, etc.) may be used in low voltage recessed by using one or two 50mm in upper position and a single glass 45mm lens or louver in lower position.

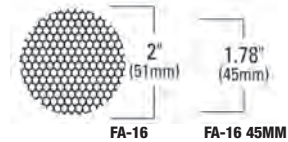
THERMAL HEAT SHIELD



THS-16
Thermal heat shield for MR16 lamps.

Directs heat forward, away from housing. Advantageous for use in housings installed in enclosed spaces.

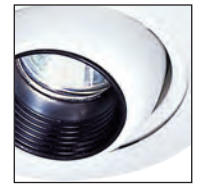
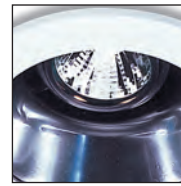
LOUVERS



FA-16
Black 50mm Honeycomb louver for MR16 trim

FA-16 45MM
Black 45mm Honeycomb louver for MR16 trim



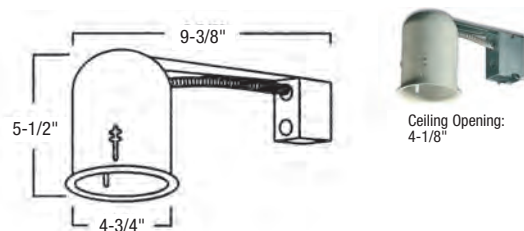
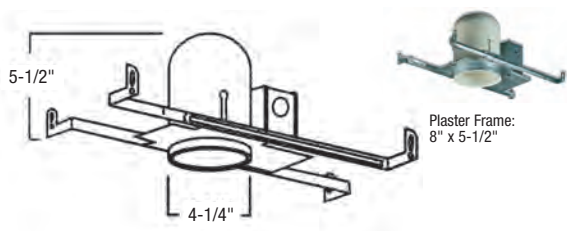


M R 1 6 l i n e v o l t a g e



Con-Tech's MR16 Line Voltage fixtures are a major breakthrough in lighting. We've combined the benefits of low voltage MR16 lighting with the ease of line voltage housings without the need for a transformer. These dimmable MR16 housings, coupled with stylish trims, can enhance any environment.

4" LINE VOLTAGE MR16 HOUSINGS



RL16

New Construction

120V MR16 housing

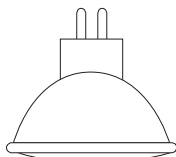
- J-Box - (4) 1/2" pry-outs with spring latch access plates.
- cULus Listed.
- Suitable for damp locations.
- Thermally protected.
- Aluminum Reflector (Lamp Cover) provided.
- Housing height is internally adjustable with slotted screws.
- (1) 45W max. 120V MR16 (GU8.0 base) lamps only. Lamp not supplied with fixture. Must be ordered separately.
- New York City approved, calendar number 38645.
- For dry wall, plaster or suspended ceilings.

RL16-R

Remodel Style Housing

120V MR16 remodel housing

- J-Box - (4) 1/2" knockouts with spring latch access plates.
- cULus Listed.
- Suitable for damp locations.
- Thermally protected.
- Aluminum Reflector (Lamp Cover) provided.
- Use 45W max. 120V MR16 (GU8.0 base) lamps only. Lamp not supplied with fixture. Must be ordered separately.
- New York City approved, calendar number 38645.
- For drywall, plaster, or suspended ceilings.



120MR16

MR16 Bi-pin 120 Volt Halogen Lamp

Available in Narrow Flood and Wide Flood Beam Spreads. Features a specially designed parabolic dichroic reflector to provide excellent light distribution without any dark spot in the beam.

Base: GU8.0 (8mm pin spacing)

Wattage: 45 watts

Voltage: 120 volts

Average Lamp Life: 2000 hours

Color Temperature: Approximately 2800K°

Approximate Initial Lumens: 560

Model No.	Beam Spread	Candlepower
120 MR16-NFL (Narrow Flood)	24°	2500CD
120 MR16-WFL (Wide Flood*)	60°	700CD

* Wide Flood supplied with Prismatic Glass Front Lens

Note: The RL16 series is cULus Listed for use with CTR1601, CTR1602, CTR1603, and CTR1608 basic trim. Dimmable with a common incandescent dimming control.

ORDER EXAMPLE :

Example Housing Order Number

RL16

Trim

CTR1601

Finish

-P

Example Trim Order Number

CTR1601-P



CTR1601-P-WHT

Baffled Downlight

Standard Trim:
(OD: 5-1/2", ID: 3-1/2")

CTR1601-P
Adjustable Black Baffle

CTR1601-P-WHT
Adjustable White Baffle

CTR1601-B
Adjustable Black Baffle, Black Trim

Narrow Trim:
(OD: 4-15/16", ID: 3-1/2")

CTR1601N-P
Adjustable Black Baffle

CTR1601N-P-WHT
Adjustable White Baffle

Cast Aluminum Trim:
(OD: 5-1/8", ID: 3-1/2")

CTR1601-PA
Adjustable Black Baffle

CTR1601-PA-WHT
Adjustable White Baffle

CTR1601-BA
*Black Baffle,
Black Cast Aluminum Trim Ring*

Note: These trims use a stepped lens holder design. Insert 45mm lens on the lower level of the adjustable lamp seat. Install 50mm lens on the higher position.

Max. Lamp: 45W MR16, 120V (GU8.0 base)
Lens Size: 50mm



CTR1602-P-CLR

Multiplier

Standard Trim:
(OD: 5-1/2", ID: 3-1/2")

CTR1602-P-(BLK, CLR, PL, WHT)

CTR1602-B-BLK

CTR1602-(NK, ST)-CLR

Narrow Trim:
(OD: 4-15/16", ID: 3-1/2")

CTR1602N-P-(CLR, WHT)

CTR1602N-B-BLK

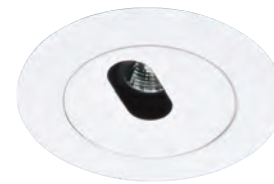
Cast Aluminum Trim:
(OD: 5-1/8", ID: 3-1/2")

CTR1602-PA-(CLR, WHT)

Note: These trims use a stepped lens holder design. Insert 45mm lens on the lower level of the adjustable lamp seat. Install 50mm lens on the higher position.

Max. Lamp: 45W MR16, 120V (GU8.0 base)

Lens Size: 50mm
Trim Finish: White



CTR1603N-P

Slotted Wall Wash

CTR1603N-P
Narrow Trim:
(OD: 4-15/16", ID: 1-5/16" x 2-1/4")

CTR1603-P
Standard Trim:
(OD: 5-1/2", ID: 1-5/16" x 2-1/4")

CTR1603-PA
Cast Aluminum Trim:
(OD: 5-1/8", ID: 1-5/16" x 2-1/4")

Max. Lamp: 45W MR16, 120V (GU8.0 base)
Lens Size: 50mm



CTR1608-P

Eyeball

Standard Trim:
(OD: 5-1/2", ID: 2-1/8")

CTR1608-P

Max. Lamp: 45W MR16, 120V (GU8.0 base)
Lens Size: 50mm

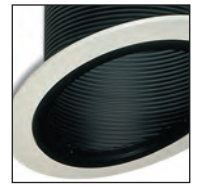
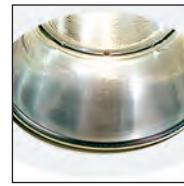
Reflector Finish Codes

BLK - Black
CLR - Clear
PL - Matte Platinum
WHT - White

Trim Finish Codes

BA - Black Cast Aluminum
B - Black
NK - Brushed Nickel
P - White
PA - White Cast Aluminum
ST - Brushed Stainless Steel



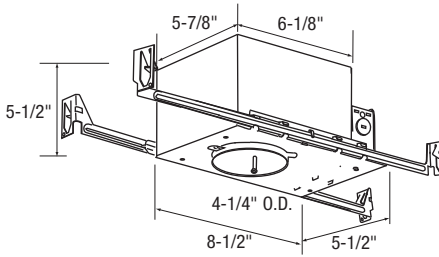
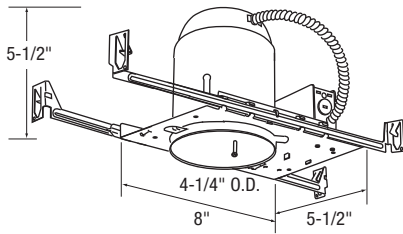


i n c a n d e s c e n t



Our line of incandescent recessed fixtures combine beauty, utility, cost-effectiveness and versatility. With your choice of standard or architectural-grade offerings, Con-Tech has the fixtures to compliment your design style. High efficiency reflectors with baffled apertures or full reflector styles produce even illumination for residential or commercial installations. When challenged by vaulted ceilings, our sloped ceiling series offers high quality solutions to provide vertical, glare-free light. Con-Tech's incandescent recessed housings fulfill today's demands for beam control, dimming, and quality construction at an economic price. Con-Tech Lighting trims come in a variety of designs, finishes and sizes (4", 5", 6" and 8") to help create an ideal lighting design.

4" INCANDESCENT HOUSINGS



RL20, RL20-CP

Recessed Housing, New Construction

Max. Lamp: 50W R20, 50W PAR20, 45W PAR16

Dry wall, plaster or suspended ceilings. The standard new construction housing may be used in insulated ceilings if a minimum 3" distance is maintained with insulation material.

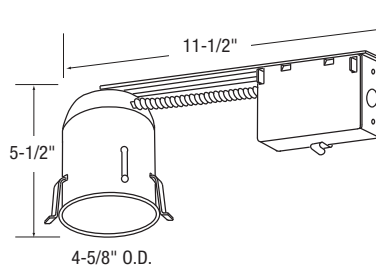
- Nailers bar hangers, for easy installation.
- Quick connect, push-in wire connectors provided.
- Prewired junction box with spring-latch access plates.
- Approved for through-circuit wiring.
Max: (8) #12AWG (4 in, 4 out).
- Adjustable lamp socket. Vertical position.
- Thermally protected.
- cULus Listed for damp locations.
- Dual extension bars adjustable for 16" and 24" center joists.
- Nailers bar hangers.
- Hanger bars may be extended to rest on T-bar ceilings.
- Optional clip-on T-bar hangers are also available.
- Will work in ceiling thickness from 1/2" to 1".
- Junction Box: (6) 1/2" pry-outs, (1) 3/4" concentric pry-out, (4) Romex pry-outs.
- New York City approved, calendar number 38645.
- Chicago Plenum option.

RL20-IC

Recessed Housing, Insulated Ceiling, StopAire® Air-tight

Max. Lamp: 50W R20, 50W PAR20, 45W PAR16

- May be used in direct contact with ceiling insulation. Dry wall, plaster or suspended ceilings.
- Conforms to Washington State Energy Code (WSEC) for low air infiltration.
- Dual extension bars adjustable for 16" and 24" center joists.
- Hanger bars may be extended to rest on T-bar ceilings.
- Prewired junction box with spring-latch access plates.
- Approved for through-circuit wiring.
Max: (8) #12AWG (4 in, 4 out).
- Adjustable lamp socket. Vertical position.
- Thermally protected.
- cULus Listed for damp locations.
- Optional clip-on T-bar hangers are also available.
- Nailers bar hangers, for easy installation.
- Quick connect, push-in wire connectors provided.
- Will work in ceiling thickness from 1/2" to 1".
- Junction Box: (6) 1/2" pry-outs, (1) 3/4" concentric pry-out, (4) Romex pry-outs.
- New York City approved, calendar number 38645.



RL20-R, RL20-SA-R

Recessed Housing, Remodel Version

Max. Lamp: 50W R20, 50W PAR20, 45W PAR16

Retractable mounting clips allow for easy installation into existing ceiling. Clips go inside lamp housing and hold firmly to dry wall. May be used in all ceiling construction.

- Requires 3" minimum clearance in insulated ceilings.
- Adjustable lamp socket. Vertical position.
- Thermally protected.
- cULus Listed for damp locations.
- Will work in ceiling thickness from 3/8" to 5/8"
- Junction Box: (7) 1/2" pry-outs, (4) Romex pry-outs.
- Max: (8) #12AWG conductors.
- Ceiling template provided.
- New York City approved, calendar number 38645.
- StopAire® version conforms to Washington State Energy Code (WSEC) for low air infiltration.

ORDER EXAMPLE :

Example Housing Order Number

RL20

Trim

CTR2006

Finish

-P

Example Trim Order Number

CTR2006-P



CTR2001W-P

CTR2001-P
Black Baffled Downlight

CTR2001W-P
White Baffled Downlight

- All steel construction.
- (3) Heat treated spring steel mounting clips.
- Black socket aiming bracket with screws (provided in carton).

Max. Lamp: 50W R20, 50W PAR20, 45W PAR16

OD: 4-7/8" **ID:** 3-1/2"



CTR2002-CLR-P

CTR2002-BLK-P
Black Specular Aluminum Reflector

CTR2002-CLR-P
Clear Specular Aluminum Reflector

CTR2002-WHT-P
White Specular Aluminum Reflector

- All steel construction.
- (3) Heat treated spring steel mounting clips.
- Black socket aiming bracket with screws (provided in carton).

Max. Lamp: 50W R20, 50W PAR20, 45W PAR16, 40W A15

OD: 4-7/8" **ID:** 3-1/2"



CTR2003-P

CTR2003-P
Scoop Wall Wash

- All steel construction.
- (3) Heat treated spring steel mounting clips.
- Black socket aiming bracket with screws (provided in carton).

Max. Lamp: 30W R20, 30W PAR20, 30W PAR16

OD: 4-7/8"

Aperture: 1-1/2" x 3-1/2"



CTR2005-P

CTR2005-P
Pin Spot

- All steel construction.
- (3) Heat treated spring steel mounting clips.
- Black socket aiming bracket with screws (provided in carton).
- Aluminum reflector.

Max. Lamp: 50W PAR20

OD: 4-7/8" **ID:** 1"



CTR2007-NK

CTR2007- (B, NK, P)
Surface Adjustable

4" surface adjustable, 28-degree vertical adjustment.

- All steel construction.
- (3) Heat treated spring steel mounting clips.
- Lamp retaining sweep spring clip.

Max. Lamp: 50W PAR20

OD: 4-7/8" **ID:** 2-1/2"



CTR2008-P

CTR2008-P
Eyeball

Mini-recessed eyeball, 30-degree vertical adjustment.

- All steel construction.
- (3) Heat treated spring steel mounting clips.

Max. Lamp: 50W R20, 50W PAR20, 45W PAR16

OD: 4-7/8" **ID:** 2-3/4"



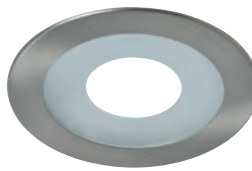
CTR2012-P

CTR2012-P
Flat Albalite Glass Lens, Shower Light

- All steel construction.
- (3) Heat treated spring steel mounting clips.
- Wet location listed.
- 1/8" thick heavy duty polyethylene sponge gasket.

Max. Lamp: 35W PAR20

OD: 4-7/8" **ID:** 3-5/8"



CTR2011-PH-NK

CTR2011-(FR, PH) - (NK, P)
Glass Lens, Shower Light

- All steel construction.
- (3) Heat treated spring steel mounting clips.
- Wet location listed.
- 1/8" thick heavy duty polyethylene sponge gasket.

Max. Lamp: 35W PAR20

OD: 4-15/16" **ID:** 3-1/2"

Reflector Finish Codes

BLK - Black **WHT** - White
CLR - Clear

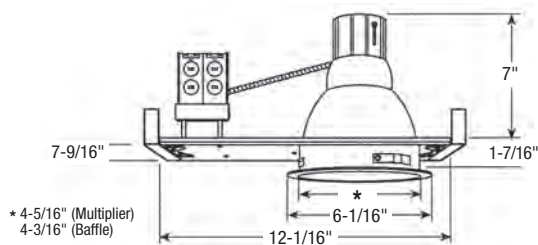
Trim Finish Codes

B - Black **P** - White
NK - Brushed Nickel

Glass Finish Codes

FR - Frosted **PH** - Pin Hole

4" ARCHITECTURAL INCANDESCENT HOUSINGS



Plaster Frame:
7-9/16"W x 12-1/16"L

RA4100VINC Architectural Grade 4" Housing

Max. Lamp: 100W A19, 120V, 50W PAR30LN*

- 4-5/16" aperture.
- Socket position adjusts 1-1/2" for various lamps and distributions.
- Heat sink prevents lamp from overheating.
- Non-IC, thermally protected frame-in kit for vertical incandescent lamps.
- Junction box: (8) 1/2" knockouts, (2) concentric 1/2"-3/4" knockouts and (8) Romex knockouts.
- Large junction box easily accessed from above or below the ceiling.
- Supplied with Bar Hangers for 24" span with built-in nailers and t-bar.
- Optional RL-Kit for use with HB-24 and HBC-24.
- Accessories for mounting in solid or suspended ceilings.
- cULus Listed for damp locations

*With the socket in the lowest position

ORDER EXAMPLE:

Example Housing Order Number

RA4100VINC

Trim

CTR4327V

Finish

-P

Example Trim Order Number

CTR4327V-P

4" ARCHITECTURAL INCANDESCENT TRIMS

The following trims are only compatible with RA4100VINC Housing

SPECIFICATION GRADE TRIMS



CST4322V-CLR

CST4322V-CLR

Specification Grade, 4-5/16" Aperture, Clear Specular Finish Reflector

CST4322V-PL

Specification Grade, 4-5/16" Aperture, Matte Platinum Finish Reflector

Max. Lamp: 100W A19



CTR4322V-WHT

CTR4322V-CLR

Clear Specular Reflector, White Metal Trim Ring

CTR4322V-WHT

White Specular Reflector, White Metal Trim Ring

Trim Finish: White

Max. Lamp: 100W A19

OD: 6-1/16"

ID: 4-5/16"



CTR4321V-P

CTR4321V-P-WHT

White Baffle, Clear Specular Reflector, White Metal Trim Ring

CTR4321V-P

Black Baffle, Clear Specular Reflector, White Metal Trim Ring

Trim Finish: White

Max. Lamp: 100W A19

OD: 6-1/16"

ID: 4-3/16"

CTR4321V-B

Black Baffle, Clear Specular Reflector, Black Metal Trim Ring

Trim Finish: Black

Max. Lamp: 100W A19

OD: 6-1/16"

ID: 4-3/16"



CTR4324V-CLR-P with 1AR4B

CTR4324V-(CLR, WHT)-P 1AR4(B, F, G, R, Y)

Sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Trim Finish: White

Max. Lamp: 100W A19

OD: 7-15/16" ID: 4-7/16"



CTR4327V-P

CTR4327V-P-WHT

White Baffle, Clear Specular Reflector, White Metal Trim Ring

CTR4327V-P

Black Baffle, Clear Specular Reflector, White Metal Trim Ring

Regressed convex prismatic lens. Wet location listed.

Trim Finish: White

Max. Lamp: 100W A19

OD: 6-1/16"

ID: 4-3/16"



CTR4324V-CLR-P with 2AR4B

CTR4324V-(CLR, WHT)-P 2AR4(B, F, G, R, Y)

Double stacked sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Trim Finish: White

Max. Lamp: 100W A19

OD: 7-15/16" ID: 4-7/16"



CTR4325V-P

CTR4325V-P

Frosted Floating Lens Supported by (3) Posts, White Specular Reflector, White Metal Trim Ring

CTR4326V-P

Frosted Floating Glass Ring Supported by (3) Posts, White Specular Reflector, White Metal Trim Ring

Trim Finish: White

Max. Lamp: 100W A19

OD: 6-1/16"

Drop: 1-1/4"

Reflector/Baffle Finish Codes

CLR - Clear WHT - White
PL - Matte Platinum

Trim Finish Codes

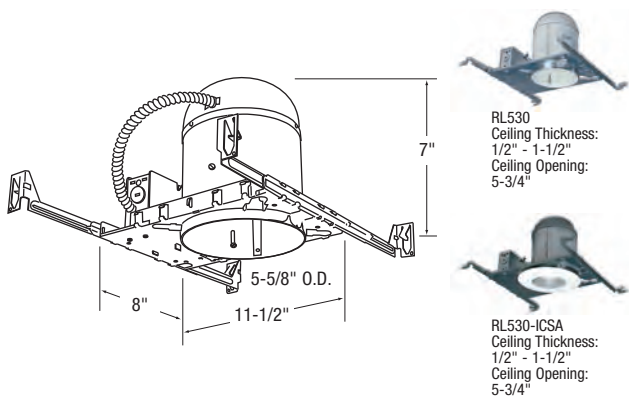
B - Black P - White

Acrylic Finish Codes

B - Blue G - Green Y - Yellow
F - Frosted R - Red

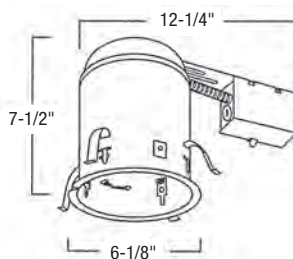
5" INCANDESCENT HOUSINGS

RECESSED / INCANDESCENT / 5" LINE VOLTAGE HOUSINGS



RL530
Ceiling Thickness:
1/2" - 1-1/2"
Ceiling Opening:
5-3/4"

RL530-ICSA
Ceiling Thickness:
1/2" - 1-1/2"
Ceiling Opening:
5-3/4"



RL530-R
Ceiling Thickness:
1/2" - 1-1/2"
Ceiling Opening:
5-3/4"

RL530

PAR30 Recessed New Construction Housing

Max. Lamp: 75W PAR30, 65W BR30, 75W A19, 60W MB19, 50W PAR20, 50W R20

Thermally protected for standard or suspended ceiling installations. Features include:

- White painted steel housing.
- May be used in insulated ceiling if 3" minimum spacing is maintained between housing and insulation or combustible material.

RL530-ICSA

PAR30 StopAire® Insulated Ceiling Housing

Max. Lamp: 75W PAR30, 65W BR30, 75W A19, 50W PAR30, 50W PAR20, 50W R20

RL530, RL530-ICSA Electrical Features:

- Large capacity junction boxes for (8) no. 12AWG branch circuit wiring, 4 in & 4 out.
- Wiring is made easy with the use of (4) 1/2" KOs and one concentric KO (1/2" & 3/4").
- When using Romex wiring there are (4) pry-out ports with UL listed cable grips.
- Spring locking snap-off J-box covers minimize tool use in the electrical connections.
- Adjustable hangers offer no-sag suspension in 14" to 24" mounting applications. Locking screw for bar hangers.
- Hanger bars are notched to rest upon and lock to inverted T-bar grid.
- cULus Listed for damp location.
- RL530-ICSA meets Washington State Energy Code (WSEC) 2.0 CFM for less air filtration.

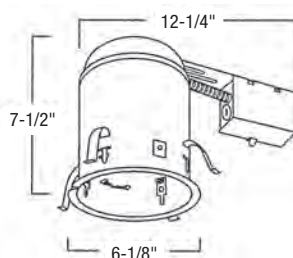
RL530-R

PAR30 Remodel Housing

Max. Lamp: 75W PAR30, 65W BR30, 75W A19, 60W MB19, 50W PAR20, 50W R20

Designed for simple installation into existing non-insulated ceilings. Electrical features include:

- Large, easily accessible junction box has (9) 1/2" knock-outs and can accommodate up to (6) 12AWG conductors.
- Spring latch for no-tool access to junction box
- Will work in ceiling thickness from 1/2" - 1-1/2".
- Junction box has four Romex pry-out ports with UL listed cable grips.
- May be used in insulated ceiling if 3" minimum spacing is maintained between housing and insulation or combustible material.
- cULus Listed for damp location.



Ceiling Thickness:
1/2" - 1"
Ceiling Opening:
5-3/4"

RL530-ICSA-R

Insulated Ceiling StopAire® Remodel Housing

Max. Lamp: 75W PAR30, 75W R20, 65W BR30, 50W PAR30, 50W PAR20, 40W A19

Designed for simple installation into existing insulated ceilings. Electrical features include:

- Large, easily accessible junction box has eight 1/2" pry-outs and can accommodate up to (6) 12AWG conductors (3in/3out).
- Spring latch for no-tool access to junction box.
- Natural aluminum housing.
- Junction box has four Romex pry-out ports with UL listed cable grips.
- cULus Listed for direct contact with insulating material and approved for damp locations.
- Adjustable socket position.
- Ceiling cutout template provided.
- Meets Washington State Energy Code (WSEC) 2.0 CFM for less air filtration.

ORDER EXAMPLE:

Example Housing Order Number

RL530

Trim

CTR53008

Finish

-P

Example Trim Order Number

CTR53008-P



CTR51901-WHT

CTR51901-B
PAR30/A19 Black Baffle,
Clear Reflector, Black Trim

CTR51901-P
PAR30/A19 Black Baffle,
Clear Reflector

CTR51901-WHT
PAR30/A19 White Baffle/Reflector

- Black or white baffles.
- Specular aluminum reflector.
- Steel tapered baffle.

Max. Lamp Non-IC: 60W MB19, 65W BR30,
75W PAR30, 75W A19

Max. Lamp IC: 40W A19, 65W BR30,
75W PAR30

OD: 6-1/2" **ID:** 4-7/8"



CTR53002-CLR

CTR53002-CLR
PAR30 Multiplier Trim, Clear
Specular Reflector

CTR53002-WHT
PAR30 Multiplier Trim,
White Reflector

- Specular aluminum reflector.
- 2-stage yoke for short neck and long neck lamps.

Max. Lamp IC and Non-IC: 65W BR30,
75W PAR30

OD: 6-1/2" **ID:** 4-7/8"



CTR51902-CLR

CTR51902-CLR
PAR30/A19 Multiplier, Clear Reflector

CTR51902-WHT
PAR30/A19 Multiplier, White Reflector

- Specular aluminum reflector.

Max. Lamp Non-IC: 60W MB19, 65W BR30,
75W PAR30, 75W A19

Max. Lamp IC: 40W A19, 65W BR30,
75W PAR30

OD: 6-1/2" **ID:** 4-7/8"



CTR53007-P
PAR30 Surface Adjustable

White gimbal lamp holder. Beveled white steel trim ring.

- 50° vertical adjustment.
- 358° horizontal positioning.
- All steel construction.
- Special dual arm lamp retaining steel spring.

Max. Lamp Non-IC: 75W PAR30

Max. Lamp IC: 50W PAR30

OD: 7-5/16" **ID:** 4-1/4"



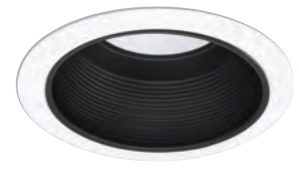
CTR51912-P
Convex Glass Trim, Wet Location,
Shower Light

- Beveled white steel trim ring.
- Full specular aluminum reflector for maximum lamp efficiency.
- cULus Listed for wet location.
- Sculptured opal drop glass. Removable without taking down trim. Turn clockwise to lock and counter clockwise to remove.

Max. Lamp Non-IC: 75W A19

Max. Lamp IC: 40W A19, 50W PAR30

OD: 6-1/2" **ID:** 4-7/8"



CTR53001-P

CTR53001-B
PAR30 Black Baffle/Trim

CTR53001-P
PAR30 Black Baffle, White Trim

CTR53001-WHT
PAR30 White Baffle/Trim

2-Stage Yoke for Short Neck and Long Neck Lamps.

Max. Lamp IC and Non-IC: 65W BR30,
75W PAR30

OD: 6-1/2" **ID:** 4-7/8"



CTR53008-P

CTR53008-B
PAR30 Black Eyeball/Trim Ring

CTR53008-P
PAR30 White Eyeball/Trim Ring

- Beveled steel trim ring.
- 35° vertical adjustment.
- 358° horizontal positioning.
- All steel construction.

Max. Lamp IC and Non-IC: 75W PAR30

OD: 7-1/4" **ID:** 3-7/8"

Reflector/Baffle Finish Codes

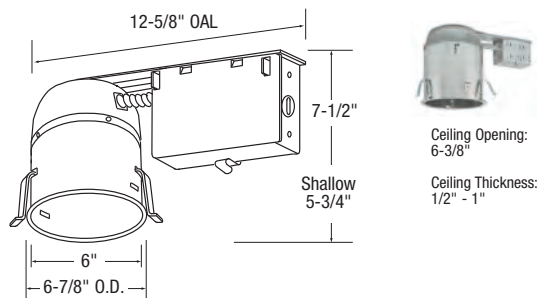
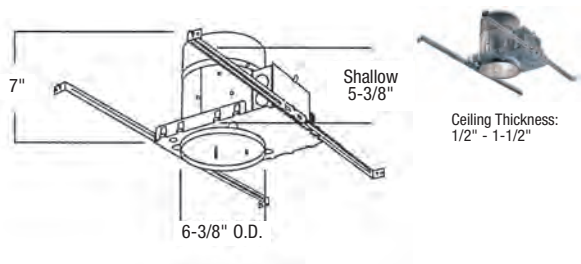
B - Black
CLR - Clear

WHT - White

Trim Finish Codes

B - Black
P - White

6" INCANDESCENT HOUSINGS



RL30-IC

6" Insulated Ceiling Housing

Max. lamp: 65W BR30, 75W PAR30, 60W A19, 40W A19

RL30S-ICSA

6" Insulated Ceiling StopAire® Shallow Housing

Max. lamp: 65W BR30, 75W PAR30, 40W A19

RL30-IC, RL30S-ICSA Electrical Features:

- Designed for direct contact with ceiling insulation.
- Prewired junction box with convenient screwdriver pry-outs: (6) 1/2", (1) 1/2x3/4" concentric, and (4) Romex knockouts.
- Adjustable socket mounting plate.
- Dual extension bars adjustable for 16" and 24" center joists.
- Hanger bars may be extended to rest on T-bar ceilings. (Option clip-on T-bar hangers also available.)
- Nailer bar hangers, for easy installation.
- Quick connect, push-in wire connectors provided.
- cULus Listed for damp locations.
- New York City Approved, calendar number 45707.

Trims for RL30-IC

65W BR30/75W PAR30/75W PAR30LN: CTR3000, CTR3001, CTR3002, CTR3007, CTR3008, CTR3009

60W A19: CTR1901, CTR1902

40W A19: CTR1912, CTR1913, CTR1916

Trims for RL30S-ICSA

65W BR30/75W PAR30: CTR3000, CTR3001, CTR3002, CTR3007, CTR3008, CTR3009

40W A19: CTR1912, CTR1913, CTR1916

RL30-ICSA-R

6" Insulated Ceiling StopAire® Remodel Housing

Max. lamp: 65W BR30, 75W PAR30, 75W PAR30LN, 60W A19, 40W A19

- Conforms to Washington State Energy Code (WSEC) 2.0 CFM or less air infiltration.
- Galvanized steel housing.
- Designed for simple installation into both standard ceilings or existing insulated ceilings.
- Large, easily accessible junction box has (7) 1/2" pry-outs and (4) Romex pry-out ports with UL listed cable grips.
- Spring latch for no-tool access to junction box.
- Approved for direct contact with insulation.
- Adjustable socket mounting plate. Vertical position.
- Ceiling cutout template provided.
- Max. of (6) #12 AWG conductors in junction box.
- New York City Approved, calendar number 45707.
- cULus Listed for damp locations.

RL30S-ICR

6" Insulated Ceiling Remodel Shallow Housing

Max. lamp: 65W BR30, 75W PAR30, 75W PAR30LN, 60W A19, 40W A19

- Suitable for both standard applications and for direct contact with ceiling insulation.
- Rapid installation in existing ceilings.
- 1/2" wiring knockouts.
- cULus Listed for damp locations.

Trims for RL30S-ICR

65W BR30/75W PAR30/75W PAR30LN: CTR3000, CTR3001, CTR3002, CTR3007, CTR3008, CTR3009

60W A19: CTR1901, CTR1902

40W A19: CTR1912, CTR1913, CTR1916

Trims for RL30-ICSA-R

75W PAR38: CTR6001AT

60W PAR38: CTR3800, CTR3801, CTR3802, CTR3807

65W BR30/75W PAR30: CTR3000, CTR3001, CTR3002, CTR3007, CTR3008, CTR3009

60W A19: CTR1901, CTR1902, CTR1903, CTR1912, CTR1913

40W A19: CTR1916

ORDER EXAMPLE:

Example Housing Order Number

RL30-IC

Trim

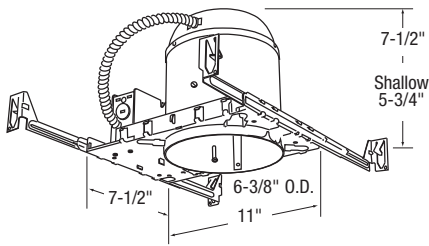
CTR1902

Finish

-CLR

Example Trim Order Number

CTR1902-CLR



RL38, RL38-CP
6" Aperture Universal New Construction Housing

Max. lamp: 60W A19, 65W BR30, 75W PAR30, 100W A19, 120W BR40, 150W PAR38, 250W R40 Heat Lamp

- New York City Approved, calendar number 38645.

RL38S
6" Shallow Universal New Construction Housing

Max. lamp: 60W A19, 65W BR30, 75W PAR30, 100W A19, 120W BR40, 150W PAR38, 250W R40 Heat Lamp

- New York City Approved, calendar number 45707.

RL38 & RL38S Electrical Features:

- White steel housing.
- Prewired junction box with convenient screwdriver pry-outs: (6) 1/2", (1) 1/2x3/4" concentric, and (4) Romex knockouts.
- Requires 3" minimum clearance in insulated ceilings.
- Spring-latch access plates.
- Add "CP" for Chicago Plenum.
- Adjustable socket mounting plate (Vertical position).
- Dual extension bars adjustable for 16" and 24" center joists. (14-1/4" > 24-1/2")
- Hanger bars may be extended to rest on T-bar ceilings. (Optional clip-on T-bar hangers also available.)
- Nail bar hangers, for easy installation.
- Quick connect, push-in wire connectors provided.
- Approved for through-branch (4 in/4 out) (8) #12 AWG wiring.
- cULus Listed for damp locations.

Trims for RL38, RL38S, and RL38S-R

65W BR30/75W PAR30: CTR3000, CTR3001, CTR3002, CTR3007, CTR3008, CTR3009

120W BR40/150W PAR38: CTR3800, CTR3801, CTR3802, CTR3807

100W A19: CTR1901, CTR1902

60W A19: CTR1903, CTR1912, CTR1913, CTR1916, CTR1331-P

Trims for RL38-ICESA and RL38-ICER

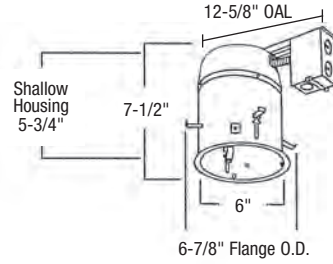
65W BR30/75W PAR30: CTR3000, CTR3001, CTR3002, CTR3007, CTR3008, CTR3009

60W PAR38: CTR3800, CTR3801, CTR3802, CTR3807

60W A19: CTR1901, CTR1902, CTR1903, CTR1912, CTR1913

75W PAR38: CTR6001AT

40W A19: CTR1916



RL38-ICER
6" Insulated Ceiling Remodel Steel Housing

Max. lamp: 60W A19, 65W BR30, 75W PAR30, 100W PAR38

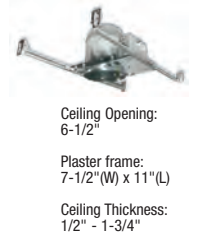
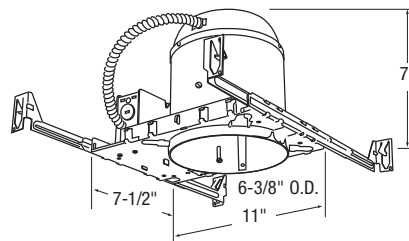
RL38-ICER & RL38-ICESA Electrical Features:

- Prewired junction box with convenient screwdriver pry-outs: (7) 1/2", (4) Romex.
- Spring-latch access plates.
- Adjustable socket mounting plate. Vertical position.
- Approved for through-circuit wiring. Max: (8) #12 AWG (4 in, 4 out).
- ETL Listed for damp locations.
- Galvanized steel construction.
- New York City Approved, calendar number 45707.

RL38S-R
6" Shallow Remodel Housing

Max. lamp: 60W A19, 65W BR30, 75W PAR30, 100W A19, 120W BR40, 150W PAR38, 250W R40 Heat Lamp

- White steel housing.
- Prewired junction box with convenient screwdriver pry-outs: (7) 1/2", and (4) Romex knockouts.
- Requires 3" minimum clearance in insulated ceilings.
- Spring-latch access plates.
- Adjustable socket mounting plate (Vertical position).
- Approved for through-branch (4 in/4 out) (8) #12 AWG wiring.
- cULus Listed for damp locations.
- New York City Approved, calendar number 45707.



RL38-ICESA
6" StopAire® Insulated Ceiling Housing

Max. lamp: 40W A19, 60W A19, 60W PAR38, 75W PAR38, 65W BR30, 75W PAR30

- Dual extension bars adjustable for 16" and 24" center joists (14-1/4" - 24-1/2").
- Nail bar hangers, for easy installation.
- Quick connect, push-in wire connectors provided.
- Hanger bars may be extended to rest on T-bar ceilings. (optional clip-on T-bar hangers also available.)
- Galvanized steel construction.
- Conforms to Washington State Energy code (WSEC) for low air infiltration. Tested in accordance with ASTM E283 (2.0 CFM or less).
- Locking screw for bar hangers.
- cULus Listed for damp locations.
- New York City Approved, calendar number 45707.

See next page for full trim selection ▶

ORDER EXAMPLE:

Example Housing Order Number

RL38

Trim

CTR1912

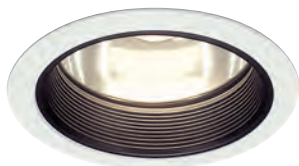
Finish

-P

Example Trim Order Number

CTR1912-P

6" INCANDESCENT TRIMS



CTR1901-CLR

CTR1901-B-CLR

Black Baffle/Trim, Clear Reflector

CTR1901-CLR

Black Baffle, Clear Reflector

CTR1901-WHT

White Baffle, White Reflector

- White high heat rated ABS beveled trim ring.
- Black steel tapered baffle.
- Specular aluminum reflector.

Max. Lamp Non-IC: 100W A19, 75W PAR30, 90W PAR38

Max. Lamp IC: 60W A19, 50W PAR30

OD: 7-1/2" **ID:** 5-5/8"



CTR1902-WHT

CTR1902-CLR

A-Lamp Multiplier, Clear Reflector

CTR1902-WHT

A-Lamp White Multiplier

- White high heat rated ABS beveled trim ring.
- Specular aluminum reflector.

Max. Lamp Non-IC: 100W A19, 75W PAR30, 90W PAR38

Max. Lamp IC: 60W A19, 50W PAR30

OD: 7-1/2" **ID:** 5-5/8"



CTR3002-B-BLK

CTR3002-B-BLK

Black Specular Reflector, Black Trim

CTR3002-BLK

Black Specular Reflector

CTR3002-CLR

Clear Specular Reflector

CTR3002-WHT

White Multiplier

- White high heat rated ABS beveled trim ring.
- Tapered steel specular reflector on BLK finishes.
- Tapered aluminum specular reflector on CLR and WHT finishes.

Max. Lamp: 75W PAR30, 65W BR30

OD: 8"

CTR3802-B-BLK

Black Specular Reflector, Black Trim

CTR3802-BLK

Black Specular Reflector

CTR3802-CLR

Clear Specular Reflector

CTR3802-WHT

White Multiplier

- White high heat rated ABS beveled trim ring.
- Tapered steel specular reflector on BLK finishes.
- Tapered aluminum specular reflector on CLR and WHT finishes.

Max. Lamp Non-IC: 150W PAR38, 120W BR40

Max. Lamp IC: 100W PAR38, 90W PAR38, 75W PAR38

OD: 8" **ID:** 5-3/4"



CTR3000-P / CTR3800-P

CTR3000-P

Open Trim Ring

Max. Lamp: 75W PAR30

OD: 8" **ID:** 3-7/8"

CTR3800-P

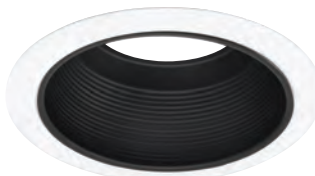
Open Trim Ring

- Painted white steel beveled trim ring.
- Polyethylene sponge gaskets.

Max. Lamp Non-IC: 150W PAR38, 120W BR40

Max. Lamp IC: 100W PAR38, 90W PAR38, 75W PAR38

OD: 8" **ID:** 3-7/8"



CTR3001-P / CTR3801-P

CTR3001-B

Black Baffle, Black trim

CTR3001-P

Black Baffle

CTR3001-WHT

White Baffle

Max. Lamp Non-IC & IC: 75W PAR30, 65W BR30

OD: 7-1/2" **ID:** 5-3/4"

CTR3801-B

Black Baffle, Black trim

CTR3801-P

Black Baffle

CTR3801-WHT

White Baffle

Max. Lamp Non-IC: 150W PAR38, 120W BR40

Max. Lamp IC: 100W PAR38, 90W PAR38, 75W PAR38

OD: 7-1/4" **ID:** 5-3/4"

- White high heat rated ABS beveled trim ring.
- Tapered Steel Baffle

Reflector Finish Codes

BLK - Black Reflector
CLR - Clear Reflector

WHT - White Reflector/Baffle

Trim Finish Codes

B - Black
P - White



CTR1903-P
Scoop Wall Wash

- White beveled steel trim ring.
- Polyethylene sponge gaskets.
- All steel construction.

Max. Lamp Non-IC: 60W A19
Max. Lamp IC: 40W A19, except with RL38-ICER/ICESA, then 60W A19
OD: 8-1/8"
Aperture: 2-1/2" x 4-3/4"



CTR1912-P
Albalite Shower Trim, Wet Location

- White beveled steel trim ring.
- Polyethylene sponge gaskets.
- Flat opal Albalite glass.

Max. Lamp Non-IC: 60W A19
Max. Lamp IC: 40W A19, except with RL38-ICER/ICESA, then 60W A19
OD: 8-1/8" **ID:** 5"



CTR3007-WHT / CTR3807-WHT

CTR3007-P
Regressed Gimbal, 23 Degrees Vertical Adjustment

CTR3007-WHT
Regressed Gimbal, 23 Degrees Vertical Adjustment, White Baffle

- Flat high heat ABS white trim ring.
- Steel baffle construction.
- Steel Gimbal construction.
- (1) Steel, heat-treated, lamp retaining spring.

Max. Lamp: 75W PAR30, 65W BR30
OD: 7-1/2" **ID:** 4"



CTR1913-P
Fresnel Shower Trim, Wet Location

- White beveled steel trim ring.
- Polyethylene sponge gaskets.
- Flat clear Fresnel glass lens.

Max. Lamp Non-IC: 60W A19
Max. Lamp IC: 40W A19, except with RL38-ICER/ICESA, then 60W A19
OD: 8-1/8" **ID:** 5"



CTR1916-P

CTR1916-P
Drop Opal Shower Light, Wet Location, Glass Lens (1" Drop), White Beveled Steel Trim

CTR1916-PP
Drop Opal Shower Light, Wet Location, Plastic Lens (1-1/2" Drop), White High Heat ABS Trim

- Polyethylene sponge gaskets.

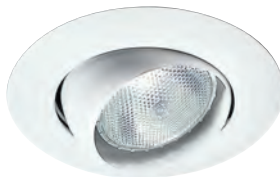
Max. Lamp Non-IC: 60W A19
Max. Lamp IC: 40W A19
OD: 7-7/8" **ID:** 5"

CTR3807-P
Regressed Gimbal, 23 Degrees Vertical Adjustment

CTR3807-WHT
Regressed Gimbal, 23 Degrees Vertical Adjustment, White Baffle

- Flat high heat ABS white trim ring.
- Steel baffle construction.
- Steel Gimbal construction.
- (1) Steel, heat-treated, lamp retaining spring.

Max. Lamp Non-IC: 150W PAR38
Max. Lamp IC: 100W PAR38, 90W PAR38, 75W PAR38
OD: 7-1/2" **ID:** 4-3/4"



CTR3008-P

CTR3008-P
Eyeball, 35 Degrees Vertical Adjustment

- Beveled steel trim ring.
- Polyethylene sponge gaskets.
- Steel eyeball construction

Max. Lamp: 75W PAR30
OD: 8" **ID:** 4"



CTR3009-WHT
Regressed Eyeball, 30 Degrees Vertical Adjustment, White Baffle

- Flat high heat ABS white trim ring.
- White aluminum tapered baffle.
- White steel eyeball construction

Max. Lamp: 75W PAR30
OD: 7-1/2" **ID:** 4"



CTR62250-WHT
Heat Lamp Trim

- Metal trim ring
- Max. Lamp:** 250W R40 Heat Lamp, use only with RL38 housing
OD: 7-1/4" **ID:** 5-3/4"



CTR6001AT-(B, P)
Airtight Full Baffle Self-flanged Trim

Max. Lamp IC: 75W PAR38
OD: 7-1/2" **ID:** 5-3/4"

Reflector Finish Codes

WHT - White Baffle

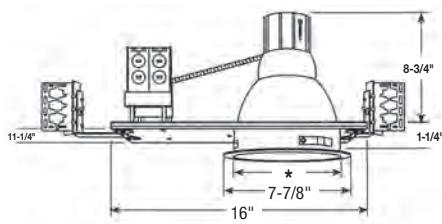
Trim Finish Codes

B - Black

P - White

PP - White Plastic

6" ARCHITECTURAL INCANDESCENT



* 6" (Multiplier)
5-1/2 (Baffle)
Plaster Frame:
11-1/4"W x 16"L
Ceiling Cutout:
6-1/2"

RA6150VINC

New Construction Housing

Max. Lamp: 150W A21, 100W A19, 75W PAR30LN, 90W PAR38*

- 6" aperture.
- Vertical lamp position.
- Flat plaster frame design.
- Non-IC, thermally protected frame-in kit for vertical incandescent lamps.
- Large Junction box: listed through branch circuit wiring 4 in/4 out (8) 1/2" knock-outs, (2) concentric 1/2" and 3/4" knock-outs and (8) knockouts with Romex cable clamp. Dual junction boxes for incandescent lamp fixtures.

RL-KIT: (provided) Commercial mounting kit provided up to 5" vertical adjustment accommodate 1/2 EMT conduit, optional HB-24 or HBC-24 bar hangers or lathing channels for T-bar grid or concealed spline ceiling.

*With socket in the middle or bottom position

Replacement Plastic Trim Rings:

CTR-RA-TRIM-(B, P) or RL-06P-B

SPECIFICATION GRADE TRIMS



CST6322V-CLR

CST6322V-CLR

Specification Grade, 6" Aperture, Clear Specular Finish Reflector

CST6322V-PL

Specification Grade, 6" Aperture, Matte Platinum Finish Reflector

Max. Lamp: 150W A21, 100W A19, 75W PAR30LN, 90W PAR38

OD: 7-1/4" **H:** 6-3/4"

ID: 6-1/8"



CST6323V-PL

CST6323V-CLR

Specification Grade, 6" Aperture, Clear Specular Finish Reflector, 90° Wall Wash Kicker

CST6323V-PL

Specification Grade, 6" Aperture, Matte Platinum Finish Reflector, 90° Wall Wash Kicker

Max. Lamp: 150W A21, 100W A19

OD: 7-1/4" **H:** 6-3/4"

ID: 6-1/8"

These 6" vertical architectural grade trims are not compatible with Con-Tech standard (RL) 6" vertical incandescent housings.

ORDER EXAMPLE:

Example Housing Order Number

RA6150VINC

Trim

CST6322V

Finish

-CLR

CST6322V-CLR



CTR61506V-CLR-P with 1AR6B

**CTR61506V-(CLR, WHT)-P
1AR6(B, F, G, R, Y)**

Sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Max. Lamp: 150W A21, 100W A19
OD: 8-5/8" **ID:** 6-1/8"
Trim Finish: White



CTR61506V-CLR-P with 2AR6B

**CTR61506V-(CLR, WHT)-P
2AR6(B, F, G, R, Y)**

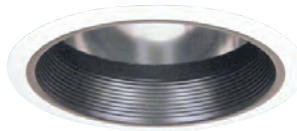
Double stacked sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Max. Lamp: 150W A21, 100W A19
OD: 8-5/8" **ID:** 6-1/8"
Trim Finish: White



CTR61505V-P
Clear Reflector, Floating Etched Glass Lens

Max. Lamp: 150W A21, 100W A19
OD: 7-15/16" **ID:** 6-1/16"
Trim Finish: White



CTR61501V-P

CTR61501V-B
Clear Specular Reflector, Black Baffle, Black Trim

CTR61501V-P
Clear Specular Reflector, Black Baffle, White Trim

CTR61501V-WHT
White Reflector/Baffle/Trim

Max. Lamp: 150W A21, 100W A19, 75W PAR30LN
OD: 7-15/16" **ID:** 6-1/16"
Trim Finish: White



CTR61503V-CLR
Clear Reflector, Kick-off Wall Washer Plate

Max. Lamp: 150W A21, 100W A19
OD: 7-15/16" **ID:** 6-1/16"
Trim Finish: White



CTR6428V-CLR

CTR6428V-(CLR, PL)
Self Flanged Trim

Max. Lamp: 150W A21, 100W A19
OD: 7-1/4" **ID:** 6-1/4"



CTR61502V-CLR
Specular Reflector, Clear Multiplier

Max. Lamp: 150W A21, 100W A19
OD: 7-15/16" **ID:** 6-1/16"
Trim Finish: White



CTR61507V-P

CTR61507V-P
Clear Reflector, Regressed Convex Lens, Black Baffle

CTR61507V-WHT
Clear Reflector, Regressed Convex Lens, White Baffle

- Clear convex prismatic lens.
- Shower trim. Wet location listed.

Max. Lamp: 150W A21, 100W A19
OD: 7-15/16" **ID:** 6-1/16"
Trim Finish: White

These 6" vertical architectural grade trims are not compatible with Con-Tech standard (RL) 6" vertical incandescent housings.

Reflector/Baffle Finish Codes

CLR - Clear Specular
PL - Matte Platinum
WHT - White

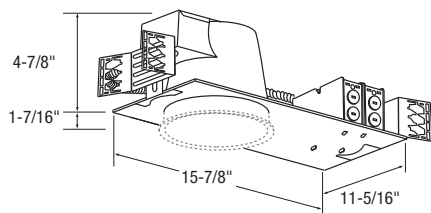
Trim Finish Codes

B - Black
P - White

Acrylic Finish Codes

B - Blue
F - Frosted
G - Green
R - Red
Y - Yellow

6" ARCHITECTURAL INCANDESCENT



Plaster Frame:
11-5/16"W x 15-7/8"L

RA6150HINC

New Construction Housing

Max. Lamp: 150W A21, 100W A19

- 6" aperture.
- Horizontal lamp position.
- Flat plaster frame design.
- Non-IC, thermally protected frame-in kit for horizontal incandescent lamps.
- Junction box: Listed through branch circuit wiring 4 in/4 out (8) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts and (8) knockouts with Romex cable clamp.
- Dual junction boxes for incandescent lamp fixtures.
- cULus listed for damp locations.

RL-KIT: (provided) Commercial mounting kit provided up to 5" vertical adjustment accommodate 1/2 EMT conduit, optional HB-24 or HBC-24 bar hangers or lathing channels for T-bar grid or concealed spline ceiling.

SPECIFICATION GRADE TRIMS



CST6422H-CLR

CST6422H-CLR

Specification Grade, 6" Aperture, Clear Specular Finish Reflector

CST6422H-PL

Specification Grade, 6" Aperture, Matte Platinum Finish Reflector

Max. Lamp: 150W A21, 100W A19

OD: 7-1/4" **H:** 6"

ID: 6-1/4"



CST6423H-CLR

CST6423H-CLR

Specification Grade, 6" Aperture, Clear Specular Finish Reflector, 90° Wall Wash Kicker

CST6423H-PL

Specification Grade, 6" Aperture, Matte Platinum Finish Reflector, 90° Wall Wash Kicker

Max. Lamp: 150W A21, 100W A19

OD: 7-1/4" **H:** 6"

ID: 6-1/4"

ORDER EXAMPLE:

Example Housing Order Number

RA6150HINC

Trim

CST6422H

Finish

-CLR

Example Trim Order Number

CST6422H-CLR

6" ARCHITECTURAL INCANDESCENT TRIMS



CTR61506H-CLR-P with 1AR6B

CTR61506H-(CLR, WHT)-P 1AR6(B, F, G, R, Y)

Sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Max. Lamp: 150W A21, 100W A19
OD: 8-5/8" **ID:** 6-1/8"
Trim Finish: White



CTR61506H-CLR-P with 2AR6B

CTR61506H-(CLR, WHT)-P 2AR6(B, F, G, R, Y)

Double stacked sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Max. Lamp: 150W A21, 100W A19
OD: 8-5/8" **ID:** 6-1/8"
Trim Finish: White



CTR61507H-P

CTR61507H-P

Clear Reflector, Regressed Convex Lens, Black Baffle

CTR61507H-WHT

Clear Reflector, Regressed Convex Lens, White Baffle

- Clear convex prismatic lens.
- Shower trim. Wet location listed.

Max. Lamp: 150W A21, 100W A19
OD: 7-15/16" **ID:** 6-1/16"
Trim Finish: White



CTR61501H-P

CTR61501H-B

Clear Specular Reflector, Black Baffle, Black Trim

CTR61501H-P

Clear Specular Reflector, Black Baffle, White Trim

CTR61501H-WHT

White Reflector/Baffle/Trim

Max. Lamp: 150W A21, 100W A19
OD: 7-15/16" **ID:** 6-1/16"
Trim Finish: White



CTR61503H-CLR

Clear Reflector, Kick-off Wall Washer Plate

Max. Lamp: 150W A21, 100W A19
OD: 7-15/16" **ID:** 6-1/16"
Trim Finish: White



CTR61502H-CLR

Specular Reflector, Clear Multiplier

Max. Lamp: 150W A21, 100W A19
OD: 7-15/16" **ID:** 6-1/16"
Trim Finish: White



CTR61505H-P

Clear Reflector, Floating Etched Glass Lens

Max. Lamp: 150W A21, 100W A19
OD: 7-15/16" **ID:** 6-1/16"
Trim Finish: White

Reflector/Baffle Finish Codes

CLR - Clear Specular
PL - Matte Platinum
WHT - White

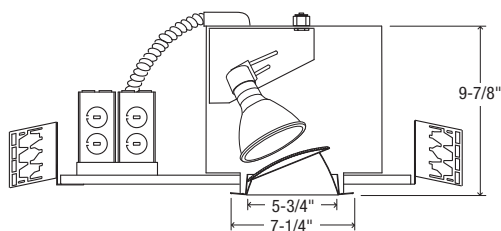
Trim Finish Codes

B - Black
P - White

Acrylic Finish Codes

B - Blue
F - Frosted
G - Green
R - Red
Y - Yellow

6" ADJUSTABLE INCANDESCENT



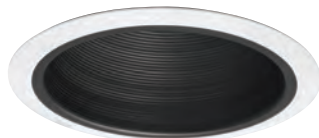
Aperture: 6-1/4"
 Ceiling Opening: 6-1/2"
 Pan Dimensions:
 19-5/8" x 11-3/8"

RA6130IA

Architectural Grade Internally Adjustable Wall Wash

Max. Lamp: 75W ER30, 75W PAR30, 65W BR30

- Architectural Grade 6" aperture.
- Integral thermal protector against misuse of insulation materials and improper lamping.
- Junction box: Installed for through branch circuit wiring 4-in 4-out (8) 1/2" pry-outs, (2) concentric 1/2" + 3/4" pry-outs and (8) pry-outs with romex cable clamp.
- Black painted steel housings with 1-1/4" deep collar accommodates various thickness of ceiling materials.
- Commercial mounting brackets (RL-KIT) for all types of suspended ceilings. Includes butterfly slots for C-channel mounting brackets (HBC-24) and vertical slots for flat hanger bar set (HB-24). Provides up to 5" of vertical adjustment and variable settings with choice of slots.
- Adjustable lamp direction in 368° rotation and 0-42° tilt with positive locking mechanism in socket bracket.
- Porcelain socket with nickel plated copper screw shell.
- cULus listed. Suitable for damp locations.



CTR6030-P

CTR6030-P
Black Baffle (Open)

CTR6030-WHT
White Baffle (Open)

- Trims are held in place by three spring grip clips.

Max Lamp: 75W ER30, 75W PAR30, 65W BR30

OD: 7-1/4" **ID:** 5-3/8"

Trim Finish: White



CTR6030-PL

CTR6030-PL
Platinum with Spread Lens

- Semi-Specular self-flanged platinum angled reflector of spun aluminum, with convex prismatic glass spread lens.
- Trims are held in place by three spring grip clips.

CTR6030-CLR
Clear Specular Reflector

- Specular angled reflector of spun aluminum, with convex prismatic glass spread lens.
- Trims are held in place by three spring grip clips.

Max Lamp: 75W ER30, 75W PAR30, 65W BR30

OD: 7-1/4" **ID:** 5-3/8"

Trim Finish: White

ORDER EXAMPLE :

Example Housing Order Number

RA6130IA

Trim

CTR6030

Finish

-P

CTR6030-P

Reflector/Baffle Finish Codes

CLR - Clear Specular
 PL - Matte Platinum

WHT - White

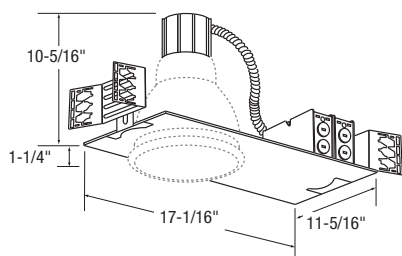
Trim Finish Codes

P - White
 PL - Platinum

R.sole



8" ARCHITECTURAL INCANDESCENT



Ceiling Cutout: 8-1/8"

RA8300VINC

New Construction Housing

Max. Lamp: 300W R40, 300W PS25, 250W PAR38, 250W A21

- 8" aperture.
- Vertical lamp position.
- Flat plaster frame design.
- Non-IC, thermally protected frame-in kit for vertical incandescent lamps.
- Large Junction box: Listed through branch circuit wiring 4 in/4 out (8) 1/2" knockouts, (2) concentric 1/2" and 3/4" knockouts and (4) knockouts with Romex cable clamp. Dual junction boxes for incandescent lamp fixtures.

RL-KIT: Commercial mounting kit provided up to 5" vertical adjustment accommodate 1/2 EMT conduit, optional HB-24 or HBC-24 bar hangers or lathing channels for T-bar grid or concealed spline ceiling.

SPECIFICATION GRADE TRIMS



CST8422V-CLR

CST8422V-CLR

Specification Grade, 8" Aperture, Clear Specular Finish Reflector

CST8422V-PL

Specification Grade, 8" Aperture, Matte Platinum Finish Reflector

Max. Lamp: 300W R40, 300W PS25, 250W PAR38, 250W A21

OD: 8-7/8" **H:** 7-3/8"

ID: 7-5/8"



CST8423V-PL

CST8423V-CLR

Specification Grade, 8" Aperture, Clear Specular Finish Reflector, 90° Wall Wash Kicker

CST8423V-PL

Specification Grade, 8" Aperture, Matte Platinum Finish Reflector, 90° Wall Wash Kicker

Max. Lamp: 300W R40, 300W PS25, 250W PAR38, 250W A21

OD: 8-7/8" **H:** 7-3/8"

ID: 7-5/8"

ORDER EXAMPLE:

Example Housing Order Number

RA8300VINC

Trim

CST8422V

Finish

-PL

Example Trim Order Number

CST8422V-PL

8" ARCHITECTURAL INCANDESCENT TRIMS



CTR83006V-CLR-P with 1AR8R

CTR83006V-(CLR, WHT)-P 1AR8(B, F, G, R, Y)

Sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Max. Lamp: 300W R40, 300W PS25, 250W PAR38, 250W A21
OD: 10-3/4" **ID:** 7-3/4"
Trim Finish: White



CTR83001V-B

*Clear Specular Reflector,
Black Baffle, Black Trim*

CTR83001V-P

*Clear Specular Reflector,
Black Baffle*

Max. Lamp: 300W R40, 300W PS25, 250W PAR38, 250W A21
OD: 9-7/8" **ID:** 7-1/2"
Trim Finish: White



CTR83002V-CLR

Specular Reflector, Clear Multiplier

Max. Lamp: 300W R40, 300W PS25, 250W PAR38, 250W A21
OD: 9-7/8" **ID:** 7-1/2"
Trim Finish: White



CTR83007V-P

CTR83007V-P

*Clear Reflector, Regressed Convex
Lens, Black Baffle*

CTR83007V-WHT

*White Reflector, White Baffle,
Regressed Convex Prismatic Lens*

- Clear convex prismatic lens.
- Shower trim. Wet location listed.

Max. Lamp: 300W R40, 300W PS25, 250W PAR38, 250W A21
OD: 9-7/8" **ID:** 7-1/2"
Trim Finish: White



CTR83003V-CLR

*Clear Reflector, Kick-off Wall
Washer Plate*

Max. Lamp: 300W R40, 300W PS25, 250W PAR38, 250W A21
OD: 9-7/8" **ID:** 7-1/2"
Trim Finish: White



CTR83005V-P

*Clear Reflector, Floating Etched
Glass Lens*

Max. Lamp: 300W R40, 300W PS25, 250W PAR38, 250W A21
OD: 9-7/8" **ID:** 7-1/2"
Trim Finish: White

Reflector/Baffle Finish Codes

CLR - Clear Specular
PL - Matte Platinum
WHT - White

Trim Finish Codes

B - Black
P - White

Acrylic Finish Codes

B - Blue
F - Frosted
G - Green
R - Red
Y - Yellow

6" SLOPED CEILING TRIMS



CTR3801SC-P

CTR3801SC-P

Black Baffle, Sloped Ceiling Trim

CTR3801SC-WHT

White Baffle, Sloped Ceiling Trim

- Baffles are fabricated of one piece aluminum.
- All are supplied with white flat plastic trim ring.
- (3) Leaf reflector clips, spring steel, heat-treated, black oxidation plated.

Max. Lamp: RL38A: 120W BR40, 90W PAR38;
RL38A-ICS: 90W PAR38

OD: 7-7/8" **ID:** 5-1/4" x 5-1/8"

Trim Finish: White



CTR3802SC-CLR

CTR3802SC-CLR

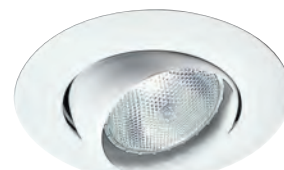
Clear Multiplier, Sloped Ceiling Trim

- Multipliers are fabricated of one piece aluminum.
- All are supplied with white flat plastic trim ring.
- (3) Leaf reflector clips, spring steel, heat-treated, black oxidation plated.

Max. Lamp: RL38A: 120W BR40, 90W PAR38;
RL38A-ICS: 90W PAR38

OD: 7-7/8" **ID:** 5-1/4" x 5-1/8"

Trim Finish: White



CTR3008-P

CTR3008-(B, P)

*Eyeball, 35 Degrees
Vertical Adjustment*

- Beveled steel trim ring.
- Polyethylene sponge gaskets.
- (2) Butterfly spring clips, heat-treated steel.
- ETL Listed for use with four other housing manufacturers.
- Steel eyeball construction

Max. Lamp: 75W PAR30, 75W R30, 65W BR30

OD: 8" **ID:** 4"

Reflector/Baffle Finish Codes

CLR - Clear

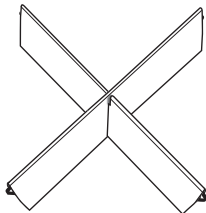
WHT - White

Trim Finish Codes

B - Black

P - White

LOUVER INSERT



CTR64C-CLR

6" diameter cross hair louver insert, spring retention. Clear specular aluminum finish. Will work with all brands.

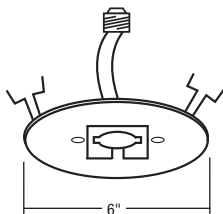
NOTE: 6" I.D. aperture trim required

CTR84C-CLR

8" diameter cross hair louver insert, spring retention. Clear specular aluminum finish. Will work with all brands.

NOTE: 8" I.D. aperture trim required

LINE VOLTAGE ADAPTER PLATE

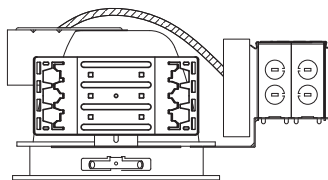


CTR618

6" Round Line Voltage Adapter Plate (converts 6" recessed housing to Mono-point for line voltage track heads). Max load: 10 lbs.

Finish: -B, P, S

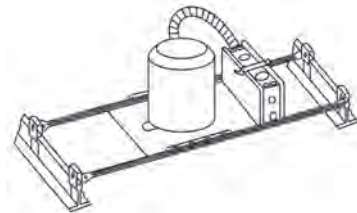
MOUNTING KIT



RL-KIT

Commercial mounting brackets for all types of suspended ceilings. Includes butterfly slots for C-channel mounting brackets (HBC-24) and vertical slots for flat hanger bar set (HB-24). Provides up to 5" of vertical adjustment and variable settings with choice of slots. Supplied with extra vertical bracket with extended foot plate to allow use on long or short sides of plaster frame. (Unused bracket may be discarded.)

T-BAR HANGERS



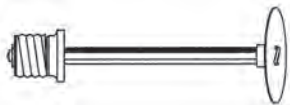
HB-20

Optional T-bar hanger set. Use with "Old Style" RL20 and RL16 series.

HB-30

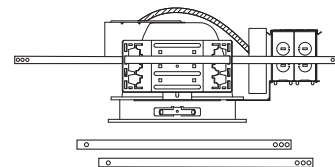
Optional T-bar hanger set. Use with RL16, RL20, RL30, and RL38 series.

SOCKET REPLACEMENTS



RL20 Converter

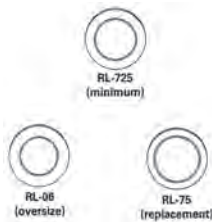
Converts 4" Incandescent Recessed Housing for 120V MR16 halogen lamps.



HB-24

Flat hanger set for use with RL-KIT in T-bar, grid or concealed spline ceilings. Spans 24" ceiling grid (actual length 27").

TRIM RINGS



RL-725-(B, P)

Minimum trim ring for 6" trim, 7-1/4" O.D.

RL-75-(B, P)

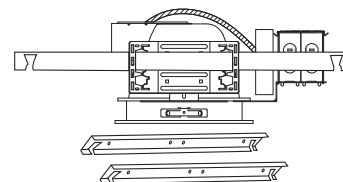
Replacement trim ring for 6" trim, 7-1/2" O.D.

RL-08-(B, P)

Oversized trim ring for 6" trim, 7-13/16" O.D.

CTR-RA-TRIM-(B, P)

Works with CTR6321V-P and CTR61502V-CLR



HBC-24

C-channel hanger bar set for use with RL-KIT in grid ceiling construction. Provides firm, no-sag installation with 24" spacing (actual length 25-1/4"). Notched for placement on inverted T-bar ceilings.

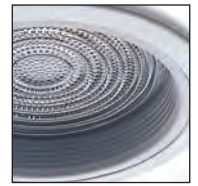
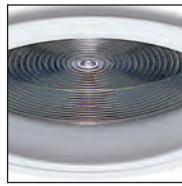
Accessory Finish Codes

B - Black

P - White

S - Silver





c o m p a c t f l u o r e s c e n t

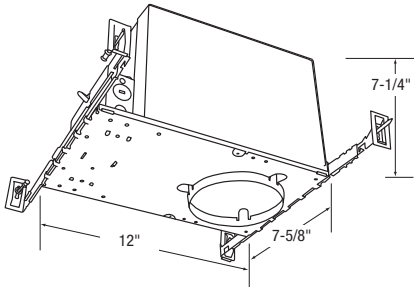


Our compact fluorescent fixtures are available in Architectural and Specification grade 4", 6" and 8" sizes with a wide range of reflector trims to match any specific requirements. Today's energy-saving compact fluorescent light sources have an extremely long lamp life up to 16,000 hours. They also provide commercial and residential customers with a high performance illumination system. These fixtures are ideal for use in office buildings, industrial, institutional and residential applications. The housings offer high-temperature performance and maintain 90% of their lumens from 40° to 140°F ambient temperature. Emergency battery backup kits are available for various pin-base configurations. Compact fluorescent lamps offer high-luminous efficacy (70 LPW for a 42 watt triple, compared to 18 LPW for a 150W A21 incandescent) and CRI of 82. Con-Tech's compact fluorescent lighting allows you to create the correct ambiance with your choice of correlated color temperatures.



In order to meet the growing demands for the latest energy saving fixtures, Con-Tech Lighting is proud to offer this series of compact fluorescent recessed housings/trims that meet Energy Code Standards: cULus Listed; Insulated Ceiling Approved; Damp Location Listed; and Performance Tested according to ASTM-283. Because they meet the aforementioned standards, this offering is Energy Star Qualified, State of California Title 24 Compliant, Washington State Energy Code Approved, and New York State Energy Conservation Code Listed.

4" ENERGY STAR HOUSING



RL4113VEMV-ICAT (Not Energy Star Qualified)

(1) 13W DTT/TTT, 4-PIN, Electronic Ballast, 120V

RL4118VEMV-ICAT

(1) 18W DTT/TTT, 4-PIN, Electronic Ballast, 120V



RL4126VEMV-ICAT

(1) 26W DTT/TTT, 4-PIN, Electronic Ballast, 120V



Specification Features

- 4-3/8" Aperture.
- Vertical lamp position.
- Flat plaster frame design.
- Insulated ceiling, thermally protected housing.
- Will work in ceiling thickness from 1/2" – 1-3/4."
- Prewired junction box with convenient screwdriver pry-outs: (4) 1/2", (1) 3/4", and (4) Romex knockouts.
- Spring-latch access plates.
- Dual extension bar hangers adjustable for 16" and 24" center joists.
- Hanger bars may be extended to rest on T-bar ceilings.
- Approved for through-branch (4 in/4 out) (8) #12 AWG wiring.
- High performance tested for StopAire™ according to ASTM-283.
- Energy Star Qualified on 18W and 26W versions.
- State of California Title 24 compliant.
- Conforms to Washington State Energy Code for low air infiltration.
- New York State Energy Code compliant.
- Two year fixture warranty.
- cULus Listed for damp locations.

ORDER EXAMPLE:

Example Housing Order Number

RL4113VEMV-ICAT

Trim

CTR141901V

Finish

-P

Example Trim Order Number

CTR141901V-P

+ =



CTR141901V-P

CTR141901V-B
*Black Baffle, Clear Upper Reflector,
 Black Trim*

CTR141901V-P
Black Baffle, Clear Upper Reflector

CTR141901V-WHT
White Baffle, Clear Upper Reflector

OD: 6-1/4" ID: 4-3/16"



CTR141902V-CLR

CTR141902V-CLR
Specular Clear Reflector

CTR141902V-WHT
Specular White Reflector

CTR141902V-PL
Matte Platinum Reflector

OD: 6-1/4" ID: 4-5/16"



CTR141905V-P
*Black Baffle, Sandblasted
 Convex Lens*

OD: 6-1/4" ID: 4-3/16"

Reflector/Baffle Finish Codes

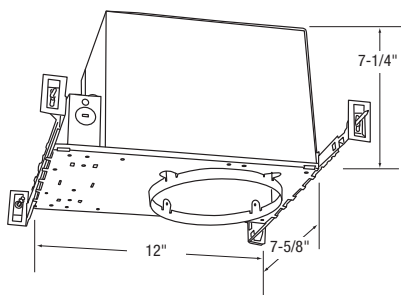
CLR - Clear
 PL - Matte Platinum

WHT - White

Trim Finish Codes

B - Black
 P - White

6" ENERGY STAR HOUSING



Depth: 7-1/4"

RL62132VEMVICAT

New Construction

(1) 32W, TTT, 4-PIN, Electronic Ballast, 120V

RL62142VEMVICAT

New Construction

(1) 42W, TTT, 4-PIN, Electronic Ballast, 120V



Specification Features

- 6-1/4" Aperture.
- Vertical lamp position.
- Flat plaster frame design.
- Insulated ceiling, thermally protected housing.
- Will work in ceiling thickness from 1/2" – 1-3/4."
- Prewired junction box with convenient screwdriver pry-outs: (4) 1/2", (1) 3/4", and (4) Romex knockouts.
- Spring-latch access plates.
- Dual extension bar hangers adjustable for 16" and 24" center joists.
- Hanger bars may be extended to rest on T-bar ceilings.
- Approved for through-branch (4 in/4 out) (8) #12 AWG wiring.
- High performance tested for StopAire™ according to ASTM-283.
- Energy Star Qualified.
- State of California Title 24 compliant.
- Conforms to Washington State Energy Code for low air infiltration.
- New York State Energy Code compliant.
- Two year fixture warranty.
- cULus Listed for damp locations.

ORDER EXAMPLE:

Example Housing Order Number

RL62132VEMVICAT

Trim

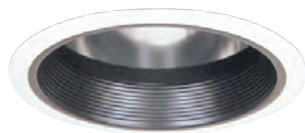
CTR161901V

Finish

-WHT

Example Trim Order Number

CTR161901V-WHT



CTR161901V-P

CTR161901V-B
*Black Baffle, Clear Upper Reflector,
 Black Trim*

CTR161901V-P
Black Baffle, Clear Upper Reflector

CTR161901V-WHT
White Baffle, Clear Upper Reflector

OD: 7-7/8" ID: 5-3/4"



CTR161902V-CLR

CTR161902V-CLR
Specular Clear Reflector

CTR161902V-WHT
Specular White Reflector

CTR161902V-PL
*Specular Matte Platinum
 Reflector Trim*

OD: 7-7/8" ID: 6"



CTR162615-P
*Flat Frosted Floating Glass Lens
 (1-1/2" Drop) Supported by
 (3) Posts, White Reflector,
 White Trim Ring*

OD: 7-7/8" ID: 6"



CTR161903V-CLR

CTR161903V-CLR
*Self Flanged Specular Clear
 Reflector*

CTR161903V-PL
*Self Flanged Matte Platinum
 Reflector Trim*

OD: 7-1/4" ID: 6-1/4"



CTR161905V-P
*Black Baffle, Sandblasted
 Convex Lens*

OD: 7-1/4" ID: 6"

Reflector/Baffle Finish Codes

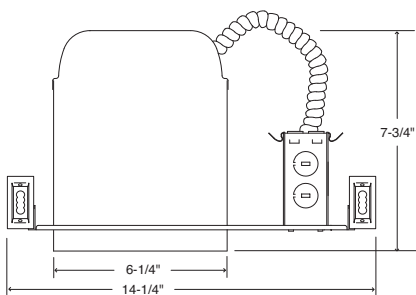
CLR - Clear
 PL - Matte Platinum

WHT - White

Trim Finish Codes

B - Black
 P - White

6" ENERGY STAR HOUSING



Depth: 7-5/8"

RL6113VEMV-ICAT

New Construction

(1) 13W, DTT/TTT, 4-PIN, Electronic Ballast, 120V

RL6118VEMV-ICAT

New Construction

(1) 18W, DTT/TTT, 4-PIN, Electronic Ballast, 120V

RL6126VEMV-ICAT

New Construction

(1) 26W, DTT/TTT, 4-PIN, Electronic Ballast, 120V



Specification Features

- 6-1/4" Aperture.
- Vertical lamp position.
- Flat plaster frame design.
- Insulated ceiling, thermally protected housing.
- Will work in ceiling thickness from 1/2" – 1-3/4."
- Prewired junction box with convenient screwdriver pry-outs: (4) 1/2", (1) 3/4", and (4) Romex knockouts.
- Spring-latch access plates.
- Dual extension bar hangers adjustable for 16" and 24" center joists.
- Hanger bars may be extended to rest on T-bar ceilings.
- Approved for through-branch (4 in/4 out) (8) #12 AWG wiring.
- High performance tested for StopAire™ according to ASTM-283.
- Energy Star Qualified on 18W and 26W versions.
- State of California Title 24 compliant.
- Conforms to Washington State Energy Code for low air infiltration.
- New York State Energy Code compliant.
- Two year fixture warranty.
- cULus Listed for damp locations.
- CFL socket mounted to the top of the housing.

ORDER EXAMPLE:

Example Housing Order Number

RL6113VEMV-ICAT

Trim

CTR161901V

Finish

-WHT

Example Trim Order Number

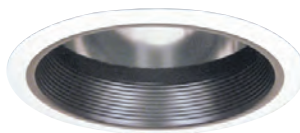
CTR161901V-WHT



CTR1903-P
Scoop Wall Wash

- White beveled steel trim ring.
- Polyethylene sponge gaskets.
- (2) Butterfly spring clips, heat-treated steel.
- All steel construction.

OD: 8-1/8"
Aperture: 2-1/2" x 4-3/4"



CTR161901V-P

CTR161901V-WHT
White Baffle, Clear Upper Reflector

CTR161901V-P
Black Baffle, Clear Upper Reflector

Trim Finish: White
OD: 7-7/8" **ID:** 5-3/4"



CTR161902V-CLR

CTR161902V-CLR
Specular Clear Reflector Trim

CTR161902V-WHT
Specular White Reflector Trim

CTR161902V-PL
Specular Matte Platinum Reflector Trim

Trim Finish: White
OD: 7-7/8" **ID:** 6"



CTR161903V-CLR

CTR161903V-CLR
Self Flanged Specular Clear Reflector

CTR161903V-PL
Self Flanged Matte Platinum Reflector Trim

OD: 7-1/4" **ID:** 6-1/4"



CTR161905V-P
Black Baffle, Sandblasted Convex Lens

Trim Finish: White
OD: 7-1/4" **ID:** 6"



CTR161913-P
Fresnel Lens with Clear Reflector, Wet Location Listed, Lexan Trim

Trim Finish: White
OD: 8-1/8" **ID:** 5"



CTR161916-P
Drop Opal Shower Light, Wet Location Listed, Glass Lens (1-1/2" Drop) with Clear Reflector, Lexan Trim

Trim Finish: White
OD: 8-1/8" **ID:** 5"



CTR162615-P
Flat Frosted Floating Glass Lens (1-1/2" Drop) Supported by (3) Posts, White Reflector, White Trim Ring

Trim Finish: White
OD: 7-7/8" **ID:** 6"

Reflector/Baffle Finish Codes

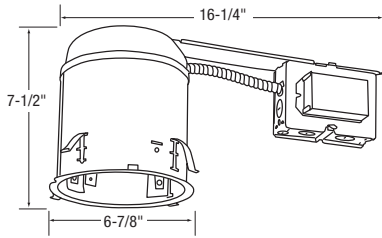
CLR - Clear
PL - Matte Platinum

WHT - White

Trim Finish Codes

B - Black
P - White

6" ICAT HOUSING



Depth: 7-3/4"

Ceiling Opening: 6-3/8"

RL6118VRMVICAT

Remodel

(1) 18W DTT/TTT, 4-PIN, Electronic Ballast, 120V

RL6126VRMVICAT

Remodel

(1) 26W DTT/TTT, 4-PIN, Electronic Ballast, 120V

Specification Features

- 6-3/8" Aperture.
- Vertical lamp position.
- Compact design to insert into solid or suspended ceilings.
- Flat plaster frame design.
- Insulated ceiling, thermally protected housing.
- Will work in ceiling thickness up to 1/2" thick with push-in mounting springs.
- Prewired junction box with convenient screwdriver pry-outs: (4) 1/2", (1) 1/2" and 3/4" concentric and (4) Romex knockouts.
- Spring-latch access plate.
- Approved for through-branch (4 in/4 out) (8) #12 AWG wiring.
- High performance tested for StopAire™ according to ASTM-283.
- State of California Title 24 compliant.
- Conforms to Washington State Energy Code for low air infiltration.
- New York State Energy Code compliant.
- Two year fixture warranty.
- cULus Listed for dry locations.

ORDER EXAMPLE:

Example Housing Order Number

RL6126VRMVICAT

Trim

CTR161903V

Finish

-CLR

Example Trim Order Number

CTR161903V-CLR



CTR1903-P
Scoop Wall Wash

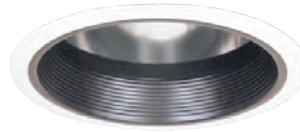
- White beveled steel trim ring.
- Polyethylene sponge gaskets.
- (2) Butterfly spring clips, heat-treated steel.
- All steel construction.

Trim Finish: White

Lamp: Determined by your choice of ballast.

OD: 8-1/8"

Aperture: 2-1/2" x 4-3/4"



CTR161901V-P

CTR161901V-B
*Black Baffle, Clear Upper Reflector,
Black Plastic Trim Ring*

CTR161901V-WHT
White Baffle, Clear Upper Reflector

CTR161901V-P
Black Baffle, Clear Upper Reflector

Trim Finish: White

Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 5-3/4"



CTR161902V-CLR

CTR161902V-CLR
Specular Clear Reflector Trim

CTR161902V-WHT
Specular White Reflector Trim

CTR161902V-PL
*Specular Matte Platinum
Reflector Trim*

Trim Finish: White

Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 6"



CTR161903V-CLR

CTR161903V-CLR
*Self Flanged Specular Clear
Reflector*

CTR161903V-PL
*Self Flanged Matte Platinum
Reflector Trim*

Lamp: Determined by your choice of ballast.

OD: 7-1/4" **ID:** 6-1/4"



CTR161905V-P
*Black Baffle, Sandblasted
Convex Lens*

Trim Finish: White

Lamp: Determined by your choice of ballast.

OD: 7-1/4" **ID:** 6"



CTR161913-P
*Fresnel Lens with Clear Reflector,
Wet Location Listed, Lexan Trim*

Trim Finish: White

Lamp: Determined by your choice of ballast.

OD: 8-1/8" **ID:** 5"



CTR161916-P
*Drop Opal Shower Light,
Wet Location Listed, Glass Lens
(1-1/2" Drop) with Clear Reflector,
Lexan Trim*

Trim Finish: White

Lamp: Determined by your choice of ballast.

OD: 8-1/8" **ID:** 5"



CTR162615-P
*Flat Frosted Floating Glass Lens
(1-1/2" Drop) Supported by
(3) Posts, White Reflector,
White Trim Ring*

Trim Finish: White

Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 6"

Reflector/Baffle Finish Codes

CLR - Clear

PL - Matte Platinum

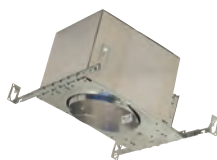
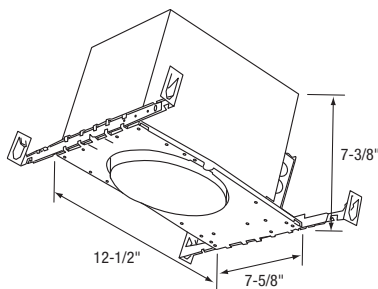
WHT - White

Trim Finish Codes

B - Black

P - White

6" ICAT SLOPE CEILING



Depth: 7-5/8"
 Elliptical Ceiling
 Opening: 7-1/16 x 6-7/8"

RL6118VAMVICAT

- (1) 13W DTT/TTT, 4-PIN, Electronic Ballast (120-277V)
- (1) 18W DTT/TTT, 4-PIN, Electronic Ballast (120-277V)

RL6132VAMVICAT

- (1) 26W DTT/TTT, 4-PIN, Electronic Ballast (120-277V)
- (1) 32W DTT/TTT, 4-PIN, Electronic Ballast (120-277V)

Specification Features

- 6-1/2" Aperture.
- Vertical lamp position.
- Flat plaster frame design.
- Designed for sloped ceiling installations with slopes of 2/12 to 6/12 pitch.
- Double wall aluminum, insulated ceiling, thermally protected housing.
- Will work in ceiling thickness up to 1/2" thick.
- Prewired junction box with convenient screwdriver pry-outs: (4) 1/2", (1) 1/2" and 3/4" concentric and (4) Romex knockouts.
- Spring-latch access plates.
- Dual extension bar hangers adjustable for 16" and 24" center joists.
- Hanger bars may be extended to rest on T-bar ceilings.
- Approved for through-branch (4 in/4 out) (8) #12 AWG wiring.
- High performance tested for StopAire™ according to ASTM-283.
- State of California Title 24 compliant.
- Conforms to Washington State Energy Code for low air infiltration.
- Two year fixture warranty.
- cULus Listed for damp locations.

ORDER EXAMPLE:

Example Housing Order Number

RL6118VAMVICAT

Trim

CTR163801SC

Finish

-WHT

Example Trim Order Number

CTR163801SC-WHT



CTR1912-P
Albalite Shower Trim, Wet Location

- White beveled steel trim ring.
- Polyethylene sponge gaskets.
- Flat opal Albalite glass.

Trim Finish: White
OD: 8-1/8" **ID:** 5"



CTR1913-P
Fresnel Shower Trim, Wet Location

- White beveled steel trim ring.
- Polyethylene sponge gaskets.
- Flat clear Fresnel glass lens.

Trim Finish: White
OD: 8-1/8" **ID:** 5"



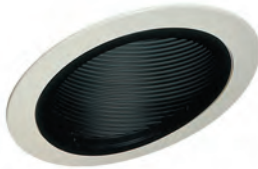
CTR1916-P

CTR1916-P
Drop Opal Shower Light, Wet Location, Glass Lens (1" Drop), White Beveled Steel Trim

CTR1916-PP
Drop Opal Shower Light, Wet Location, Plastic Lens (1-1/2" Drop), White High Heat ABS Trim

- Polyethylene sponge gaskets.

Trim Finish: White
OD: 7-7/8" **ID:** 5"



CTR163801SC-P

CTR163801SC-P
Black Baffle, Sloped Ceiling Trim

CTR163801SC-WHT
White Baffle, Sloped Ceiling Trim

- Baffles are fabricated of one piece aluminum.
- All are supplied with white flat plastic trim ring.

Trim Finish: White
OD: 7-7/8" **ID:** 5-1/4" x 5-1/8"



CTR163802SC-CLR
Clear Multiplier, Sloped Ceiling Trim

- Multipliers are fabricated of one piece aluminum.
- All are supplied with white flat plastic trim ring.

Trim Finish: White
OD: 7-7/8" **ID:** 5-1/4" x 5-1/8"

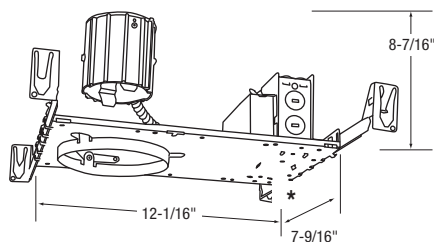
Reflector/Baffle Finish Codes

CL - Clear Specular Reflector
WHT - White Baffle

Trim Finish Codes

P - White
PP - Plastic Lens, White Trim

4" COMPACT FLUORESCENT HOUSINGS



* 4-5/16" (Multiplier)
4-3/16" (Baffle)

RA4118VEMV

New Construction, Architectural Grade CFL

- (1) 13W DTT/TTT, 4-PIN
- (1) 18W DTT/TTT, 4 PIN

RA4132VEMV

New Construction, Architectural Grade CFL

- (1) 26W DTT/TTT, 4-PIN
- (1) 32W DTT/TTT, 4 PIN

Specification Features

- J-Box - (4) 1/2" pry-outs, (1) 1/2" and 3/4" concentric pry-out, plus (4) Romex knock outs, each with screwdriver pry-outs.
- Ceiling opening: 5". Allow 3" clearance around fixture.
- Heavy duty steel plaster frame holds reflector trim in place with six "trim lock" dimpled spring clips.
- Heat sink aluminum socket cup with key holes for vertical adjustment.
- 1-1/2" lamp height adjustability allows for distinct beam spreads.
- Adjusts to varying ceiling thicknesses (2" max).
- Maximum input (13W) current at 120V (.13A), at 277V (.05A).
- Maximum input (18W) current at 120V (.15A), at 277V (.07A).
- Maximum input (26W) current at 120V (.24A), at 277V (.10A).
- Maximum input (32W) current at 120V (.27A), at 277V (.13A).
- Class P thermally protected by internal fuse ballast.
- New York City approved, calendar number 45706.
- cULus Listed for damp locations.

Options:

DAMX

Advance Mark X dimming option, wattage and voltage specific.

DLEC

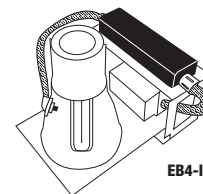
Lutron ECOSYSTEM dimming option, wattage specific.

EB4

Factory installed 4-PIN 650 lumen emergency ballast with remote test switch.

EB4-IS

Factory installed 4-PIN 650 lumen emergency ballast with internal test switch. Requires trim modification.



EB4-IS

EB4R

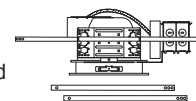
Remote 4-PIN 650 lumen emergency ballast with remote test switch.

EBH-IS

Factory installed 4-PIN 1300 lumen emergency ballast with internal test switch. Requires trim modification.

HB-24

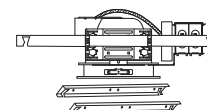
Flat hanger set for use with RL-KIT in T-bar, grid or concealed spline ceilings. Spans 24" ceiling grid (actual length 27" (686mm)).



HB-24

HBC-24

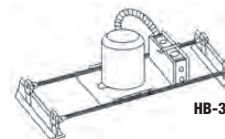
C-channel hanger bar set for use with RL-KIT in grid ceiling construction. Provides firm, no-sag installation with 24" spacing (actual length 25-1/4" (641mm)). Notched for placement on inverted T-bar ceilings.



HBC-24

HB-30

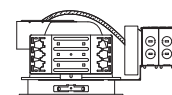
Optional T-bar hanger set.



HB-30

RL-KIT

Commercial mounting brackets for all types of suspended ceilings. Includes butterfly slots for C-channel mounting brackets (HBC-24) and vertical slots for flat hanger bar set (HB-24). Provides up to 5" of vertical adjustment and variable settings with choice of slots. Supplied with extra vertical bracket with extended foot plate to allow use on long or short sides of plaster frame. (Unused bracket may be discarded.)



RL-KIT

ORDER EXAMPLE:

Example Housing Order Number

RA4118VEMV

Trim

CST4322V

Finish

-CLR

Example Trim Order Number

CST4322V-CLR

SPECIFICATION GRADE TRIMS



CST4322V-CLR

CST4322V-CLR

Specification Grade, 4-5/16" Aperture, Clear Specular Finish Reflector

CST4322V-PL

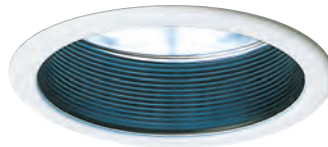
Specification Grade, 4-5/16" Aperture, Matte Platinum Finish Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 5-1/2" **ID:** 4-5/16"

CST Spec Grade Trim Specifications:

- CST Specification grade trims are compatible with RA Architectural grade housings.
- One piece ALZAK™ reflector.
- Spun parabolic contour provides 40° cut-off to lamp and lamp image.
- Each reflector offering has been optically designed for superior light control.
- All reflector finishes are low iridescent to eliminate the rainbowing effect.
- Provides clean look for design critical applications.
- All reflectors have a self-flanged trim design that produces a smooth transition from fixture to ceiling.
- Custom finishes are available. Consult Con-Tech for details.
- White Painted Flange available. Add "-WPF" after the catalog number.
- Photometric files are available on our Web site.



CTR4321V-P

CTR4321V-B

Black Baffle, Clear Reflector, Black Trim Ring

CTR4321V-P

Black Baffle, Clear Reflector, White Metal Trim Ring

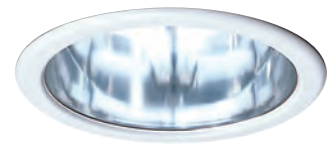
CTR4321V-P-WHT

White Baffle, Clear Specular Reflector, Metal Trim Ring

Max. Lamp: Determined by your choice of ballast.

OD: 6-1/16" **ID:** 4-3/16"

Trim Finish: White or Black



CTR4322V-CLR

CTR4322V-CLR

Clear Specular Multiplier, White Metal Trim Ring

CTR4322V-WHT

White Specular Multiplier, White Metal Trim Ring

Max. Lamp: Determined by your choice of ballast.

OD: 6-1/16" **ID:** 4-5/16"

Trim Finish: White



CTR4325V-(CLR, WHT)-P

Frosted Floating Glass Lens Supported by (3) Posts, Clear or White Specular Reflector, White Metal Trim Ring

Max. Lamp: Determined by your choice of ballast.

OD: 6-1/16" **ID:** 4-5/16"

Drop: 1-1/4"



CTR4326V-(CLR, WHT)-P

Frosted Floating Glass Ring, 3.5" Center Hole, Supported by (3) Posts, Clear or White Specular Reflector, White Metal Trim Ring

Max. Lamp: Determined by your choice of ballast.

OD: 6-1/16" **ID:** 4-5/16"

Drop: 1-1/4"



CTR4324V-CLR-P with 1AR4B

CTR4324V-(CLR, WHT)-P 1AR4(B, F, G, R, Y)

Sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.



CTR4324V-CLR-P with 2AR4B

CTR4324V-(CLR, WHT)-P 2AR4(B, F, G, R, Y)

Double stacked sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Max. Lamp: Determined by your choice of ballast.

OD: 7-15/16" **ID:** 4-7/16"

Trim Finish: White



CTR4327V-P

CTR4327V-P

Black Baffle, Clear Specular Reflector

CTR4327V-P-WHT

White Baffle, Clear Specular Reflector

• White metal trim ring.

• Wet location listed.

• Regressed convex prismatic lens.

Max. Lamp: Determined by your choice of ballast.

OD: 6-1/16" **ID:** 4-3/16"



CTR4323V-CLR

Wall Wash Kick Plate, Clear Reflector, White Trim

Max. Lamp: Determined by your choice of ballast.

OD: 6-1/6" **ID:** 4-5/16"

Trim Finish: White

Reflector/Baffle Finish Codes

CLR - Clear WHT - White
PL - Matte Platinum

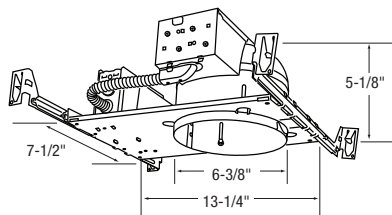
Trim Finish Codes

B - Black
P - White

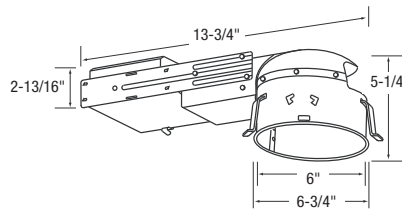
Acrylic Finish Codes

B - Blue R - Red
F - Frosted Y - Yellow
G - Green

6" COMPACT FLUORESCENT HOUSINGS



Ceiling Opening: 6-3/8"



Ceiling Opening: 6-5/8"

New Construction, HPF, 120-277V

RL113

(1) 13W DTT, 4-PIN

RL118

(1) 18W DTT, 4-PIN

RL126

(1) 26W DTT, 4-PIN

RL132

(1) 32W TTT, 4-PIN

RL213

(2) 13W DTT, 4-PIN

RL218

(2) 18W DTT, 4-PIN

RL226

(2) 26W DTT, 4-PIN

Remodel, HPF, 120-277V

RL113-R

(1) 13W DTT, 4-PIN

RL118-R

(1) 18W DTT, 4-PIN

RL126-R

(1) 26W DTT, 4-PIN

RL132-R

(1) 32W TTT, 4-PIN

RL213-R

(2) 13W DTT, 4-PIN

RL218-R

(2) 18W DTT, 4-PIN

RL226-R




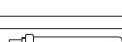
(2) 26W DTT, 4-PIN




Specification Features for New Construction and Remodel Housings

- Compact design to insert into solid or suspended ceilings.
- Push-in mounting springs on the remodel version, adjust to varying ceiling thicknesses.
- New construction models include standard hanger bars that are notched for T-bars.
- Snap-on junction box cover and ballast box allow for simplified assembly without tools.
- J-Box has three 1/2" K.O.'s and one 3/4" K.O., plus four Romex K.O.'s with internal strain relief that do not require optional clamps.
- The 4-Pin lamp sockets are prewired to junction box.
- New York City approved, calendar number 47213.
- cULus. Listed. Suitable for Damp Locations.

Specification Features for New Construction and Remodel Ballasts

- Electronic ballast may be operated on 120V through 277V, 50 or 60Hz.
- 1/13W:120V, .13 Amps; 277V, .05 Amps.
- 1/18W:120V, .15 Amps; 277V, .07 Amps.
- 1/26W:120V, .24 Amps; 277V, .10 Amps.
- 1/32W:120V, .31 Amps; 277V, .13 Amps.
- 2/13W:120V, .25 Amps; 277V, .10 Amps.
- 2/18W:120V, .31 Amps; 277V, .13 Amps.
- 2/26W: 120V, .44 Amps; 277V, .25 Amps.
- Class P Thermal Protection.
- THD<10%.
- Class A Sound Rating: (RFI/EMI) Radio Interference.
- Rated Meets FCC Part 18 for commercial use.
- Minimum Starting Temperature: -30°C/-22°F.
- Ballast guaranteed for five years by manufacturer.
- Built-in safety feature senses end-of-lamp life, lamp removal or breakage.

	RL113 Lamp: (1) horizontal 13W DTT 4-pin lamp. Base: G240-1
	RL118 Lamp: (1) horizontal 18W DTT 4-pin lamp. Base: G240-2
	RL126 Lamp: (1) horizontal 26W DTT 4-pin lamp. Base: G240-3
	RL132 Lamp: (1) horizontal 32W TTT 4-pin lamp. Base: GX240-3

	RL213 Lamps: (2) horizontal 13W DTT 4-pin lamps. Base: G240-1
	RL218 Lamps: (2) horizontal 18W DTT 4-pin lamps. Base: G240-2
	RL226 Lamps: (2) horizontal 26W DTT 4-pin lamps. Base: G240-3

Options:

CTR554C-CLR

5-1/2" diameter cross hair louver, spring retention insert. Clear specular aluminum finish.



CTR554C-CLR

DAMX

Advance Mark X dimming option, wattage and voltage specific.

DLEC

Lutron ECOSYSTEM dimming option, wattage specific.

EB4*

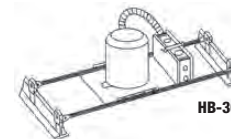
Factory installed 4-PIN 650 lumen emergency ballast with remote test switch. 2-lamp fixtures wired for 1-lamp emergency operation.

EB4R**

Remote 4-PIN 650 lumen emergency ballast with remote test switch. The remote test switch could be up to (50) feet away from the EM ballast.

HB-30

Optional T-bar hanger set.



HB-30

*Note: Not available for RL Remodel versions.

**Note: The EB4R can be half the distance that the remote mounting distance rating of the standard CFL ballast.

ORDER EXAMPLE:

Example Housing Order Number

RL226-R

Trim

CTR1331

Finish

-P

Example Trim Order Number

CTR1331-P



CTR1331-WHT

CTR1331-P
*Black Baffle, Regressed Glass
 Convex Prismatic Lens
 Wet Location*

CTR1331-WHT
*White Baffle, Regressed Glass
 Convex Prismatic Lens
 Wet Location*

Max. Lamp: Determined by your choice of ballast.
OD: 7-9/16" **ID:** 5-5/8"
Trim Finish: White



CTR1332-P-WHT

CTR1332-P-CLR
*Clear Multiplier, Regressed Convex
 Prismatic Glass Lens
 Wet Location*

CTR1332-P-WHT
*White Multiplier, Regressed Glass
 Convex Prismatic Lens
 Wet Location*

Max. Lamp: Determined by your choice of ballast.
OD: 7-9/16" **ID:** 5-9/16"
Trim Finish: White

CTR1331 and CTR1332

Specification Features:

- Regressed prismatic lensed trims feature softened illumination in indoor and outdoor installations.
- Trims are adjustable to accommodate different ceiling thicknesses.
- Choose from black or white aluminum baffles with white trim ring models or polished specular multiplier (CTR1332-CLR) and White multiplier (CTR1332-WHT) regressed multipliers.
- Regressed prismatic lenses available in glass.
- Slotted opening opposite sockets allows for ease of lamp installation and lessens heat build-up for improved lamp performance.
- Optional fresnel lens (1331 LENS) or (1332 LENS-Lexan)
- UL Listed wet location



CTR1826-01-P

CTR1826-01-B
*Black Baffle, Clear Upper Reflector,
 Black Trim*

CTR1826-01-P
*Black Baffle, Clear Upper Reflector,
 White Trim*

CTR1826-01-WHT
*White Baffle, Clear Upper Reflector,
 White Trim*

Max. Lamp: Determined by your choice of ballast.
OD: 7-9/16" **ID:** 5-1/2"
Trim Finish: White



CTR1826-02-WHT

CTR1826-02-CLR
*Clear Specular Multiplier Reflector,
 White Trim Ring*

CTR1826-02-WHT
*White Specular Multiplier Reflector,
 White Trim Ring*

Max. Lamp: Determined by your choice of ballast.
OD: 7-9/16" **ID:** 5-5/8"
Trim Finish: White



CTR1826-03-CLR
*Scoop Wall Wash, Clear Specular
 Reflector, White Trim Ring*

Max. Lamp: Determined by your choice of ballast.
OD: 7-7/16" **ID:** 5-5/8"
Trim Finish: White



CTR1912-P
Albalite Shower Trim, Wet Location

- Albalite glass with white trim ring.
- UL Listed as shower light, wet location.

Max. Lamp: Determined by your choice of ballast.

OD: 8-1/4" **ID:** 5-1/16"
Trim Finish: White



CTR1913-P
*Fresnel Shower Trim (Lexan),
 Wet Location*

- Fresnel glass with white trim ring.
- UL Listed as shower light, wet location.

Max. Lamp: Determined by your choice of ballast.

OD: 8-1/4" **ID:** 5"
Trim Finish: White



CTR1916-P

CTR1916-P
*Drop Glass Opal Shower Light Trim,
 Wet Location*

White enamel trim ring, 1-1/8" drop glass diffuser, UL Listed as shower light, wet location.

Max. Lamp: Determined by your choice of ballast

OD: 8-3/16" **ID:** 5-1/16"
Trim Finish: White

CTR1916-PP
*Drop Opal Shower Light (Plastic),
 Wet Location*

Plastic diffuser with white plastic trim ring, 1-1/2" drop plastic diffuser, UL Listed as shower light, wet location.

Max. Lamp: Determined by your choice of ballast.

OD: 8" **ID:** 5-1/8"
Trim Finish: White

Reflector Finish Codes

CLR - Clear

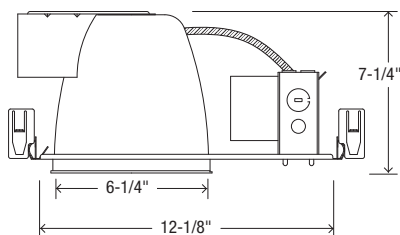
WHT - White

Trim Finish Codes

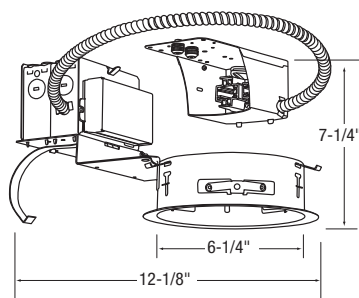
B - Black
 P - White

PP - White Plastic

6" ARCHITECTURAL COMPACT FLUORESCENT HOUSING



Ceiling Cut-out:
6-1/2"
Plaster Frame Width:
7-5/8"



Ceiling Cut-out:
6-1/2"

Architectural Grade 6" Housing, 6-1/4" Aperture

RA6113HEMV

(1) 13W DTT or TTT, 4-PIN

RA6118HEMV

(1) 18W DTT or TTT, 4-PIN

RA6142HEMV

(1) 26W DTT or TTT, 4-PIN
(1) 32W TTT, 4-PIN
(1) 42W TTT, 4-PIN

RA6213HEMV

(2) 13W DTT, 4-PIN

RA6218HEMV

(2) 18W DTT, 4-PIN

RA6226HEMV

(2) 26W DTT, 4-PIN

Architectural Grade 6" Remodel Housing, 6-1/4" Aperture

*RA6142HEMVR

(1) 26W DTT or TTT, 4-PIN
(1) 32W TTT, 4-PIN
(1) 42W TTT, 4-PIN

*RA6218HEMVR

(2) 13W DTT, 4-PIN
or (2) 18W DTT, 4-PIN

*RA6226HEMVR

(2) 26W DTT, 4-PIN

*Not compatible with CST and CTR6428 trims

Specification Features

- Junction box is provided for wiring 4-in and 4-out, with (4) 1/2" and (4) Romex pry-outs, (1) 1/2" and 3/4" concentric knockout.
- Ceiling cutout: 6-1/2". Allow 3" clearance around fixture.
- Installed hanger bars span 24" and include built-in nailers as well as T-bar hooks.
- Electronic multi-wattage ballast with high power factor (.99).
- Multi-Volt (120-277V).
- Surge protected, meets ANSI C62.41.
- Class P thermally protected by internal fuse.
- Sound rated A.
- Maximum input (1) 13W current @ 120V (.13A), @ 277V (.05A).
Maximum input (1) 18W current @ 120V (.15A), @ 277V (.07A).
Maximum input (1) 26W current @ 120V (.23A), @ 277V (.10A)
Maximum input (1) 32W current @ 120V (.31A), @ 277V (.12A)
Maximum input (1) 42W current @ 120V (.38A), @ 277V (.15A)
Maximum input (2) 13W current @ 120V (.25A), @ 277V (.10A).
Maximum input (2) 18W current @ 120V (.32A), @ 277V (.13A).
Maximum input (2) 26W current @ 120V (.43A), @ 277V (.19A).
- End-of-lamp life protection circuit.
- (4) "trim lock" dimpled spring clips to firmly hold reflector in place without damaging it.
- Electronic ballasts have a 5-year warranty.
- cULus Listed for damp locations.
- New York City approved, calendar number 45706 (not applicable to remodel housings).

	RA6113HEMV Lamp: (1) 13W DTT or TTT (G24Q-1 or GX24Q-1 Base, 4-PIN)
	RA6118HEMV Lamp: (1) 18W DTT or TTT (G24Q-2 or GX24Q-2 Base), 4-PIN
	RA6142HEMV Lamps: (1) 26W TTT, T4, GX24Q-3 base or (1) 32W TTT, T4, GX24Q-3 base or (1) 42W TTT, T4, GX24Q-4 Base, 4-PIN

	RA6213HEMV Lamps: (2) 13W DTT, T4, G24Q-1 Base, 4-PIN
	RA6218HEMV Lamps: (2) 18W DTT, T4, G24Q-2 Base, 4-PIN
	RA6226HEMV Lamps: (2) 26W DTT, T4, G24Q-3 Base, 4-PIN

Options:

CP-Chicago Plenum (not pictured)
Consult Con-Tech.

CTR64C-CLR

6" diameter cross hair louver insert, spring retention. Clear specular aluminum finish. Will work with all brands. Note: 6" I.D. aperture trim required



DAMX

Advance Mark X dimming option, wattage and voltage specific.

DLEC

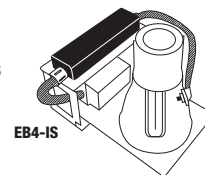
Lutron ECOSYSTEM dimming option, wattage specific.

EB4*

Factory installed 4-PIN 650 lumen emergency ballast with remote test switch. 2-lamp fixtures wired for 1-lamp emergency operation.

EB4-IS*

Factory installed 4-PIN 650 lumen emergency ballast with internal test switch. 2-lamp fixtures wired for 1-lamp emergency operation. Trim modification required.



EB4R**

Remote 4-PIN 650 lumen emergency ballast with remote test switch. The remote test switch could be up to (50) feet away from the EM ballast.

EBH-IS*

Factory installed 4-PIN 1300 lumen emergency ballast with internal test switch. 2-lamp fixtures wired for 1-lamp emergency operation.

347V (not pictured) Consult Con-Tech.

*Note: Not available for RA Remodel versions

**Note: The EB4R can be half the distance that the remote mounting distance rating of the standard CFL ballast.

ORDER EXAMPLE:

Example Housing Order Number

RA6118HEMV

Trim

CTR6421H

Finish

-P

Example Trim Order Number

CTR6421H-P

SPECIFICATION GRADE TRIMS



CST6422H-CLR

CST6422H-CLR

*Specification Grade, 6" Aperture,
Clear Specular Finish Reflector*

CST6422H-PL

*Specification Grade, 6" Aperture,
Matte Platinum Finish Reflector*

Max. Lamp: Determined by your choice
of ballast.

OD: 7-1/4" **ID:** 6-1/4"
H: 6"



CST6423H-PL

CST6423H-CLR

*Specification Grade, 6" Aperture,
Clear Specular Finish Reflector,
90° Wall Wash Kicker*

CST6423H-PL

*Specification Grade, 6" Aperture,
Matte Platinum Finish Reflector,
90° Wall Wash Kicker*

Max. Lamp: Determined by your choice
of ballast.

OD: 7-1/4" **ID:** 6-1/4"
H: 6"

CST Spec Grade Trim Specifications:

- CST Specification grade trims are compatible with RA Architectural grade housings.
- **Not compatible with RA remodel housings.**
- One piece ALZAK™ reflector.
- Spun parabolic contour provides 40° cutoff to lamp and lamp image.
- Each reflector offering has been optically designed for superior light control.
- All reflector finishes are low iridescent to eliminate the rainbowing effect.
- Provides clean look for design critical applications.
- All reflectors have a self-flanged trim design that produces a smooth transition from fixture to ceiling.
- Custom finishes are available. Consult Con-Tech for details.
- 90° wall wash cutout with wall wash kicker. Matching reflector finishes provides uniform distribution of light to the wall surface.
- White Painted Flange available. Add "-WPF" after the catalog number.
- Photometric files are available on our Web site.

6" COMPACT FLUORESCENT COMMERCIAL TRIMS



CTR6421H-P

CTR6421H-B

Black Baffle, Clear Reflector, Black Trim

CTR6421H-P

Black Baffle, Clear Reflector, White Trim

CTR6421H-P-WHT

White Baffle/Reflector/Trim

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 5-3/4"

H: 6-7/8"

Trim Finish: White or Black



CTR6422H-CLR

CTR6422H-CLR

Clear Specular Multiplier

CTR6422H-WHT

White Specular Multiplier

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 6"

H: 7-1/4"

Trim Finish: White



CTR6423H-CLR

Wall Wash Kickplate, Clear Reflector, White Plastic Trim

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 6"

H: 6-7/8"

Trim Finish: White



CTR6427H-P

CTR6427H-P

Black Baffle Trim, Clear Specular Reflector, Regressed Clear Prismatic Convex Glass Lens

CTR6427H-WHT

White Baffle Trim, Clear Specular Reflector, Regressed Clear Prismatic Convex Glass Lens

- Wet location listed.

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 5-5/8"

H: 7-1/2" **Regress:** 1-1/2"

Trim Finish: White



CTR6428H-CLR

CTR6428H-(CLR, PL)

Self Flanged Clear or Matte Platinum Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 7-1/4" **ID:** 6-1/4"

H: 6"

Not compatible with RA Remodel housings.

Reflector/Baffle Finish Codes

CLR - Clear Specular
PL - Matte Platinum

WHT - White

Trim Finish Codes

B - Black
P - White



CTR6424H-CLR-P with 1AR6B

**CTR6424H-(CLR, WHT)-P
1AR6(B, F, G, R, Y)**

Sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Trim Finish: White

Max. Lamp: Determined by your choice of ballast.

OD: 8-5/8" **ID:** 6-1/8"

Drop: 1-1/2"



CTR6424H-CLR-P with 2AR6B

**CTR6424H-(CLR, WHT)-P
2AR6(B, F, G, R, Y)**

Double stacked sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Trim Finish: White

Max. Lamp: Determined by your choice of ballast.

OD: 8-5/8" **ID:** 6-1/8"

Drop: 2-3/4"



CTR6425H-P
Floating Glass, White Reflector

CTR6425H-CLR-P
*Floating Glass,
Clear Specular Reflector*

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 6"

H: 7-1/4" **Drop:** 1-1/2"

Trim Finish: White



CTR6426H-P
*Floating Ring, 3.5" Center Hole,
White Reflector*

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 6"

H: 7-1/4" **Drop:** 1-1/2"

Trim Finish: White

Reflector/Baffle Finish Codes

CLR - Clear
WHT - White

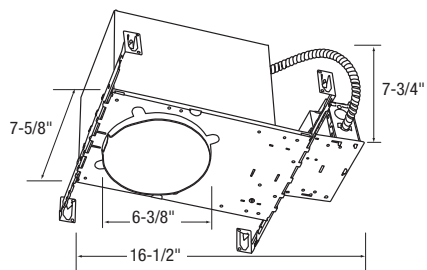
Trim Finish Codes

P - White

Acrylic Finish Codes

B - Blue
F - Frosted
G - Green
R - Red
Y - Yellow

6" ARCHITECTURAL COMPACT FLUORESCENT HOUSING



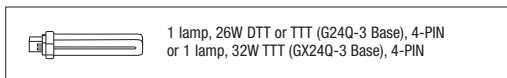
Ceiling Cut-out:
6-1/2"
Plaster Frame Width:
7-5/8"

RA6132HEMV-IC

Architectural Grade Insulated Ceiling 6" Housing,
6-1/4" Aperture

Max. Lamp: (1) 26W DTT/TTT, 4-PIN or (1) 32W TTT, 4-PIN

- Junction box is provided for wiring 4-in and 4-out, with (4) 1/2" and (4) Romex pry-outs, (1) 1/2" and 3/4" concentric knockout.
- Ceiling cutout: 6-1/2". Allow 3" clearance around fixture.
- Heavy duty steel plaster frame holds reflector trim in place with (4) "Trim Lock" dimpled spring clips.
- Electronic multi-wattage ballast with high power factor (.99).
- Multi-Volt (120-277V).
- Surge protected, meets ANSI C62.41.
- Class P thermally protected by internal fuse in electronic ballast.
- Sound rated A.
- Maximum input (1) 26W current @ 120V (.24A), @ 277V (.10A)
Maximum input (1) 32W current @ 120V (.27A), @ 277V (.12A)
- End-of-lamp life protection circuit.
- This fixture is covered by Con-Tech's full replacement guarantee which is effective for two years after purchase.
- Electronic ballasts have a 5-year warranty.
- cULus Listed for damp locations.



Options:

CP-Chicago Plenum (not pictured)
Consult Con-Tech.

CTR64C-CLR
6" diameter cross hair louver insert, spring retention.
Clear specular aluminum finish.
Note: 6" I.D. aperture trim required



DAMX
Advance Mark X dimming option. Wattage and voltage specific.

DLEC
Lutron ECOSYSTEM dimming option. Wattage specific.

EB4R*
Remote 4-PIN 650 lumen emergency ballast with remote test switch.
The remote test switch could be up to (50) feet away from the EM ballast.

347V (not pictured)
Consult Con-Tech.

***Note:** The EB4R can be half the distance that the remote mounting distance rating of the standard CFL ballast.

ORDER EXAMPLE:

Example Housing Order Number

RA6132HEMV-IC

Trim

CTR6421H

Finish

-P

Example Trim Order Number

CTR6421H-P



CTR6421H-P

CTR6421H-B
Black Baffle, Clear Reflector,
Black Trim

CTR6421H-P
Black Baffle, Clear Reflector,
White Trim

CTR6421H-P-WHT
White Baffle/Reflector/Trim

Max. Lamp: Determined by your choice
of ballast.

OD: 7-7/8" **ID:** 5-3/4"

H: 6-7/8"

Trim Finish: White or Black



CTR6424H-CLR-P with 1AR6B

CTR6424H-(CLR, WHT)-P
1AR6(B, F, G, R, Y)

Sandblasted floating colored acrylic ring
supported by (3) posts, clear or white
specular reflector, white metal trim ring.

Trim Finish: White

Max. Lamp: Determined by your choice
of ballast.

OD: 8-5/8" **ID:** 6-1/8"

Drop: 1-1/2"



CTR6424H-CLR-P with 2AR6B

CTR6424H-(CLR, WHT)-P
2AR6(B, F, G, R, Y)

Double stacked sandblasted floating colored
acrylic ring supported by (3) posts, clear or
white specular reflector, white metal trim ring.

Trim Finish: White

Max. Lamp: Determined by your choice
of ballast.

OD: 8-5/8" **ID:** 6-1/8"

Drop: 2-3/4"



CTR6422H-CLR

CTR6422H-CLR
Clear Specular Multiplier

CTR6422H-WHT
White Specular Multiplier

Max. Lamp: Determined by your choice
of ballast.

OD: 7-7/8" **ID:** 6"

H: 7-1/4"

Trim Finish: White



CTR6425H-P
Floating Glass, White Reflector

CTR6425H-CLR-P
Floating Glass,
Clear Specular Reflector

Max. Lamp: Determined by your choice
of ballast.

OD: 7-7/8" **ID:** 6"

H: 7-1/4" **Drop:** 1-1/2"

Trim Finish: White



CTR6427H-P

CTR6427H-P
Black Baffle Trim, Clear Specular
Reflector, Regressed Clear Prismatic
Convex Glass Lens

CTR6427H-WHT
White Baffle Trim, Clear Specular
Reflector, Regressed Clear Prismatic
Convex Glass Lens

- Wet location listed.

Max. Lamp: Determined by your choice
of ballast.

OD: 7-7/8" **ID:** 5-5/8"

H: 7-1/2" **Regress:** 1-1/2"

Trim Finish: White



CTR6423H-CLR
Wall Wash Kickplate, Clear
Reflector, White Plastic Trim

Max. Lamp: Determined by your choice
of ballast.

OD: 7-7/8" **ID:** 6"

H: 6-7/8"

Trim Finish: White



CTR6426H-P
Floating Ring, 3.5" Center Hole,
White Reflector

Max. Lamp: Determined by your choice
of ballast.

OD: 7-7/8" **ID:** 6"

H: 7-1/4" **Drop:** 1-1/2"

Trim Finish: White



CTR6428H-CLR

CTR6428H-(CLR, PL)
Self Flanged Clear or Matte
Platinum Reflector

Max. Lamp: Determined by your choice
of ballast.

OD: 7-1/4" **ID:** 6-1/4"

H: 6"

Reflector/Baffle Finish Codes

CLR - Clear Specular Reflector **WHT** - White
PL - Matte Platinum

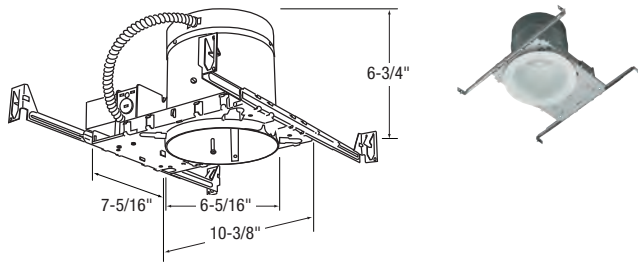
Trim Finish Codes

B - Black
P - White

Acrylic Finish Codes

B - Blue **R** - Red
F - Frosted **Y** - Yellow
G - Green

6" COMPACT FLUORESCENT HOUSING



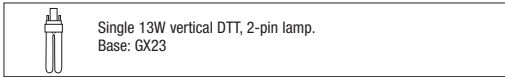
RL113-IC

StopAire Insulated Ceiling, NPF, 120V

Max. Lamp: (1) 13W DTT, 2-PIN, GX23-2 Base

Con-Tech's economy compact fluorescent downlight utilizes one vertical lamp in a parabolic reflector for maximum efficiency. Designed as a true universal housing, the RL113-IC may be used in all types of ceilings: suspended, dry wall and insulated. In addition, the housing is certified to meet the WSEC code for "air-tight" applications to save energy. An energy-wise replacement for the common R30 downlight. One vertical mount 2-pin 13W DTT compact fluorescent.

- Designed for new construction, solid or suspended ceilings.
- Prewired Class P Thermally protected Normal Power Factor ballast. Labeled for 8 #12 AWG branch circuit conductors.
- 120V/60Hz.
- Fully adjustable hanger bars (12-3/4" min. to 24" max.) May be positioned in either direction for installation flexibility.
- Con-Tech's StopAire® design is approved for direct contact with ceiling insulation and meets Washington State's Energy Code restricting air infiltration to 2.0 CFM or less.
- cULus Listed for damp locations.



CTR1331-WHT

CTR1331-P

Black Baffle, Regressed Glass Convex Prismatic Lens, Wet Location

CTR1331-WHT

White Baffle, Regressed Glass Convex Prismatic Lens, Wet Location

- Regressed convex prismatic lensed trims feature softened illumination in indoor and outdoor installations. Trims are adjustable to accommodate different ceiling thicknesses.
- Choose from black or white aluminum baffles with white trim ring models.
- Optional Lens: 1331 LENS-glass fresnel lens accessory.

Max. Lamp: (1) 13W DTT, 2-PIN

OD: 7-9/16" **ID:** 5-5/8"

Trim Finish: White



CTR1912-P

Albalite Shower Trim, Wet Location

- Albalite glass with white trim ring.
- UL Listed as shower light, wet location.

Max. Lamp: (1) 13W DTT, 2-PIN

OD: 8-1/4" **ID:** 5-1/16"

Trim Finish: White

Options:

CTR554C-CLR

5-1/2" diameter cross hair louver, spring retention insert. Clear specular aluminum finish.



CTR554C-CLR

EB2

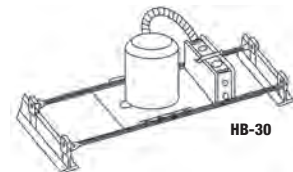
Factory installed 2-PIN 650 lumen emergency ballast with remote test switch. 2-lamp fixtures wired for 1-lamp emergency operation.

EB2R

Remote 2-PIN 650 lumen emergency ballast with remote test switch.

HB-30

Optional T-bar hanger set.



HB-30

ORDER EXAMPLE:

Example Housing Order Number

RL113-IC

Trim

CTR1331

Finish

-P

Example Trim Order Number

CTR1331-P

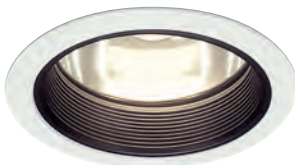


CTR1332-P-WHT

CTR1332-P-(CLR, WHT)
Multiplier, Regressed Convex Prismatic Glass Lens, Wet Location

- Regressed convex prismatic lensed trims feature softened illumination in indoor and outdoor installations. Trims are adjustable to accommodate different ceiling thicknesses.
- Choose from polished specular multiplier (CTR1332-CLR) and White Light™ multiplier (CTR1332-WHT) regressed multipliers with white trim rings.
- Optional Lens: 1332 LENS-Lexan fresnel lens accessory.

Max. Lamp: (1) 13W DTT, 2-PIN
OD: 7-9/16" **ID:** 5-9/16"
Trim Finish: White



CTR1901-CLR

CTR1901-CLR
Black Baffle, Clear Specular Reflector

CTR1901-WHT
White Baffle and Reflector

Max. Lamp: (1) 13W DTT 2-PIN
OD: 7-1/2" **ID:** 5-5/8"
Trim Finish: White



CTR1902-WHT

CTR1902-CLR
Clear Multiplier Reflector, White Trim

CTR1902-WHT
White Multiplier, White Trim

Max. Lamp: (1) 13W DTT, 2-PIN
OD: 7-1/2" **ID:** 5-5/8"
Trim Finish: White

Note: Compatible with CTR554C-CLR.



CTR1913-P
Fresnel Shower Trim (Lexan), Wet Location

- Fresnel glass with white trim ring.
- UL Listed as shower light, wet location.

Max. Lamp: (1) 13W DTT, 2-PIN
OD: 8-1/4" **ID:** 5"
Trim Finish: White



CTR1916-P

CTR1916-P
Drop Opal Shower Light, Wet Location

- Drop opal with white enamel trim ring.
- 1-1/8" drop glass diffuser.
- UL Listed as shower light, wet location.

Max. Lamp: (1) 13W DTT 2-PIN
OD: 8-3/16" **ID:** 5-1/16"
Trim Finish: White

CTR1916-PP
Drop Opal Plastic Shower Light, Wet Location

- Drop opal shower trim, plastic diffuser, white trim ring.
- 1-1/2" drop plastic diffuser.
- UL Listed as shower light, wet location.

Max. Lamp: (1) 13W DTT 2-PIN
OD: 8" **ID:** 5-1/8"
Trim Finish: White

Reflector Finish Codes

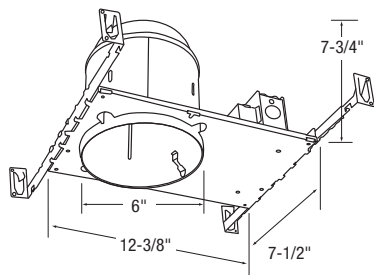
CLR - Clear

WHT - White

Trim Finish Codes

P - White

6" COMPACT FLUORESCENT HOUSING



Ceiling Opening:
6-3/8" (162mm)

Allow 3" clearance
around fixture.



CTR16422V-CLR
*Clear Specular Multiplier/White
Sculptured Plastic Trim Ring*

Max. Lamp: (1) 26, 32, or 42W, DTT/TTT
lamp, 4-PIN

OD: 7-1/2" **ID:** 5-5/8"

Trim Finish: White



CTR16403-P
*Scoop Wall Wash, Clear Upper
Reflector, White Trim*

Max. Lamp: (1) 26, 32, or 42W, DTT/TTT
lamp, 4-PIN

OD: 7-3/8" **ID:** 5-5/8"

Trim Finish: White

RL6142VEMV

6" Non-IC Type Housing

(1) 26W DTT or TTT, 4-PIN

(1) 32W TTT, 4-PIN

(1) 42W TTT, 4-PIN

- Thermally protected against misuse of insulation materials.
- Feed through wiring.
- Junction box has (4) 1/2" pry-outs, (1) 1/2" and 3/4" concentric pry-out, plus (4) Romex pry-outs.
- Ceiling cutout: 6-1/2". Allow 3" clearance around fixture.
- Electronic HPF ballast (120-277V). 50/60Hz.
- Vertical lamp position.
- 4-PIN, Sound Rated A universal socket.
- Electronic ballasts have a 5-year warranty.
- cULus Listed for damp locations.
- Maximum input (26W) current @ 120V (.27A), @ 277V (.12A), 33 input watts.
Maximum input (32W) current @ 120V (.35A), @ 277V (.16A), 41 input watts.
Maximum input (42W) current @ 120V (.42A), @ 277V (.19A), 49 input watts.
- Minimum starting temperature: 0°F, -18°C
- Meets FCC Part 18 (Class B) consumer limits.
- Transient protection meets ANSI/IEEE C62.41 Cat. A.
- Lamp end-of-life protected.
- Adjusts to varying ceiling thicknesses (1/2" to 1-1/2").

Options:

CP-Chicago Plenum (not pictured)
Consult Con-Tech.

CTR64C-CLR

6" diameter cross hair louver insert, spring retention.
Clear specular aluminum finish. Will work with all brands.

Note: 6" I.D. aperture trim required



CTR64C-CLR

DAMX

Advance Mark X dimming option, wattage and voltage specific.

DLEC

Lutron ECOSYSTEM dimming option, wattage specific.

EB4

Factory installed 4-PIN 650 lumen emergency ballast with remote test switch. 2-lamp fixtures wired for 1-lamp emergency operation.

EB4R*

Remote 4-PIN 650 lumen emergency ballast with remote test switch.
The remote test switch could be up to (50) feet away from the EM ballast.

347V (not pictured) Consult Con-Tech.

***Note:** The EB4R can be half the distance that the remote mounting distance rating of the standard CFL ballast.

ORDER EXAMPLE:

Example Housing Order Number

RL6142VEMV

Trim

CTR16422V

Finish

+ -CLR

Example Trim Order Number

= CTR16422V-CLR

Reflector Finish Codes

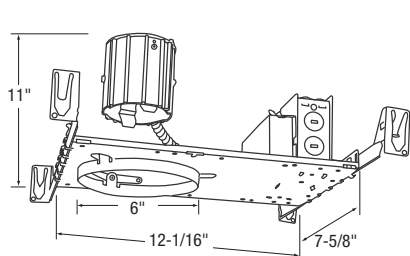
CLR - Clear

Trim Finish Codes

P - White



6" ARCHITECTURAL COMPACT FLUORESCENT HOUSINGS



Ceiling Opening:
6-3/8"
Plaster Frame Width:
7-5/8"
Allow 3" clearance
around fixture.

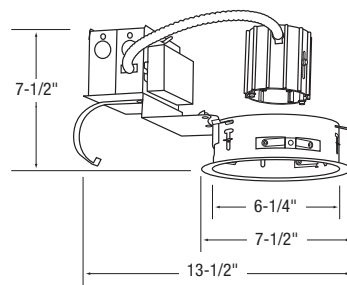
Architectural Grade 6" Aperture Housing

RA6118VEMV

- (1) 13W DTT/TTT, 4-PIN
- (1) 18W DTT/TTT, 4-PIN

RA6142VEMV

- (1) 26W DTT/TTT, 4-PIN
- (1) 32W TTT, 4-PIN
- (1) 42W TTT, 4-PIN



Ceiling Opening:
6-1/2"
Plaster Frame Width:
7-5/8"
Allow 3" clearance
around fixture.

Architectural Grade 6" Aperture Remodel Housing

*RA6118VEMVR

- (1) 13W DTT/TTT, 4-PIN
- (1) 18W DTT/TTT, 4-PIN

*RA6142VEMVR

- (1) 26W DTT/TTT, 4-PIN
- (1) 32W TTT, 4-PIN
- (1) 42W TTT, 4-PIN

*Not compatible with CST and CTR6428 trims

Specification Features

- Heavy duty steel plaster frame holds reflector trim in place with four "trim lock" dimpled spring clips.
- Heat sink aluminum socket cup with keyholes for vertical adjustment. This 1-1/2" lamp height adjustability allows for distinct beam spreads (wide, medium, narrow).
- Adjusts to varying ceiling thicknesses (2" max.).
- Junction box has (4) 1/2" pry-outs, (1) 1/2" and 3/4" concentric pry-out, plus (4) Romex K.O.'s each with screwdriver pry-outs.
- Ceiling cutout: 6-3/8". Allow 3" clearance around fixture.
- Multi-Volt (120-277V). 50/60Hz.
- Surge protected, meets ANSI C62.41.
- Class P thermally protected by internal fuse.
- Sound rated A.
- Maximum input (13W) current @ 120V (.13A), @ 277V (.05A). Maximum input (18W) current @ 120V (.15A), @ 277V (.07A).
- Modified rapid-start. Maximum Input (26W) Current: @ 120V (.24A), @ 277V (.10A). Maximum Input (32W) Current: @ 120V (.27A), @ 277V (.12A). Maximum Input (42W) Current: @ 120V (.35A), @ 277V (.15A).
- End-of-lamp life protection circuit.
- Electronic ballasts have a 5-year warranty.
- cULus Listed for damp locations.
- New York City approved, calendar number 45706 (not applicable to remodel housings).

Replacement Plastic Trim Rings:

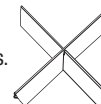
CTR-RA-TRIM-(B, P) or RL-06P-B

Options:

CP-Chicago Plenum (not pictured)
Consult Con-Tech.

CTR64C-CLR

6" diameter cross hair louver insert, spring retention. Clear specular aluminum finish. Will work with all brands. Note: 6" I.D. aperture trim required



CTR64C-CLR

DAMX

Advance Mark X dimming option, wattage and voltage specific.

DLEC

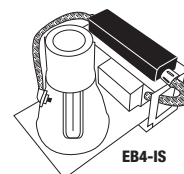
Lutron ECOSYSTEM dimming option, wattage specific.

EB4*

Factory installed 4-PIN 650 lumen emergency ballast with remote test switch. 2-lamp fixtures wired for 1-lamp emergency operation.

EB4-IS*

Factory installed 4-PIN 650 lumen emergency ballast with internal test switch. 2-lamp fixtures wired for 1-lamp emergency operation. Requires trim modification



EB4-IS

EB4R**

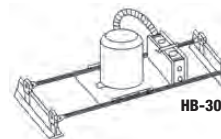
Remote 4-PIN 650 lumen emergency ballast with remote test switch. The remote test switch could be up to (50) feet away from the EM ballast.

EBH-IS*

Factory installed 4-PIN 1300 lumen emergency ballast with internal test switch. 2-lamp fixtures wired for 1-lamp emergency operation.

HB-30

Optional T-bar hanger set.



HB-30

347V (not pictured) Consult Con-Tech.

*Note: Not available on RA Remodel versions.

**Note: The EB4R can be half the distance that the remote mounting distance rating of the standard CFL ballast.



RA6118VEMV Lamps: (1) 13W DTT or TTT, G24Q-1 or GX24Q-1 Base, or (1) 18W DTT or TTT, G24Q-2 or GX24Q-2 Base, 4-PIN
RA6142VEMV Lamps: (1) 26W DTT or TTT, GX24Q-3 Base, or (1) 32W TTT, GX24Q-3 Base, or (1) 42W TTT, GX24Q-4 Base, 4-PIN

ORDER EXAMPLE:

Example Housing Order Number

RA6118VEMV

Trim

CST6322V

Finish

-CLR

Example Trim Order Number

CST6322V-CLR

SPECIFICATION GRADE TRIMS



CST6322V-CLR

CST6322V-CLR

Specification Grade, 6" Aperture, Clear Specular Finish Reflector

CST6322V-PL

Specification Grade, 6" Aperture, Matte Platinum Finish Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 7-1/4" **H:** 6-3/4"



CST6323V-PL

CST6323V-CLR

Specification Grade, 6" Aperture, Clear Specular Finish Reflector, 90° Wall Wash Kicker

CST6323V-PL

Specification Grade, 6" Aperture, Matte Platinum Finish Reflector, 90° Wall Wash Kicker

Max. Lamp: Determined by your choice of ballast.

OD: 7-1/4" **H:** 6-3/4"

CST Spec Grade Trim Specifications:

- CST Specification grade trims are compatible with RA Architectural grade housings.
- **Not compatible with RA remodel housings.**
- One piece ALZAK™ reflector.
- Spun parabolic contour provides 40° cutoff to lamp and lamp image.
- Each reflector offering has been optically designed for superior light control.
- All reflector finishes are low iridescent to eliminate the rainbowning effect.
- Provides clean look for design critical applications.
- All reflectors have a self-flanged trim design that produces a smooth transition from fixture to ceiling.
- Custom finishes are available. Consult Con-Tech for details.
- 90° wall wash cutout with wall wash kicker. Matching reflector finishes provides uniform distribution of light to the wall surface.
- White Painted Flange available. Add "-WPF" after the catalog number.
- Photometric files are available on our Web site.

6" COMPACT FLUORESCENT COMMERCIAL TRIMS



CTR6321V-P

CTR6321V-B

Black Baffle, Clear Reflector, Black Trim

CTR6321V-P

Black Baffle, Clear Reflector, White Plastic Trim

CTR6321V-P-WHT

White Baffle/Reflector/Plastic Trim

CTR6321V-WHT-CLR

White Baffle/Clear Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 5-3/4"

H: 6-7/8" **Trim Finish:** White or Black



CTR6322V-CLR

CTR6322V-CLR

Clear Specular Multiplier

CTR6322V-WHT

White Specular Multiplier

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 6"

H: 7-1/4" **Trim Finish:** White



CTR6323V-CLR

Wall Wash Kickplate, Clear Reflector, White Plastic Trim

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 6"

H: 6-7/8" **Trim Finish:** White



CTR6327V-P

CTR6327V-P

Black Baffle Trim, Clear Specular Reflector, Regressed Clear Prismatic Convex Glass Lens

CTR6327V-P-WHT

White Baffle Trim, Clear Specular Reflector, Regressed Clear Prismatic Convex Glass Lens

- Wet location listed.

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 5-5/8"

H: 7-1/2" **Regress:** 1-1/2"

Trim Finish: White



CTR642092V-WHT

CTR642092V-CLR

Clear Reflector Collar

CTR642092V-WHT

White Reflector Collar

- Convex frosted lens.
- Wet location listed.

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 5-3/4"

H: 7-1/4" **Regress:** 7/8"

Trim Finish: White



CTR6428V-CLR

CTR6428V-(CLR, PL)

Self Flanged Clear or Matte Platinum Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 7-1/4" **ID:** 6-1/4"

H: 6"

Not compatible with RA Remodel housings

Reflector Finish Codes

CLR - Clear

PL - Matte Platinum

WHT - White

Trim Finish Codes

B - Black

P - White

RECESSED / COMPACT FLUORESCENT / 6" / 4-PIN VERTICAL / COMMERCIAL TRIMS



CTR6324V-CLR-P with 1AR6B

**CTR6324V-(CLR, WHT)-P
1AR6(B, F, G, R, Y)**
Floating Acrylic Ring

Sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Trim Finish: White

Max. Lamp: Determined by your choice of ballast.

OD: 8-5/8" **ID:** 6-1/8"

Drop: 1-1/2"



CTR6325V-P
Floating Glass, White Reflector

CTR6325V-CLR-P
*Floating Glass,
Clear Specular Reflector*

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 6"

H: 7-1/4" **Drop:** 1-1/2"

Trim Finish: White



CTR6326V-P
*Floating Glass Ring,
3.5" Center Hole, White Reflector*

CTR6326V-CLR-P
*Floating Glass Ring,
3.5" Center Hole,
Clear Specular Reflector*

Max. Lamp: Determined by your choice of ballast.

OD: 7-7/8" **ID:** 6"

H: 7-1/4" **Drop:** 1-1/2"

Trim Finish: White



CTR6324V-CLR-P with 2AR6B

**CTR6324V-(CLR, WHT)-P
2AR6(B, F, G, R, Y)**
Floating Acrylic Rings

Double stacked sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Trim Finish: White

Max. Lamp: Determined by your choice of ballast.

OD: 8-5/8" **ID:** 6-1/8"

Drop: 2-3/4"

Reflector/Baffle Finish Codes

CLR - Clear
WHT - White

Trim Finish Codes

P - White

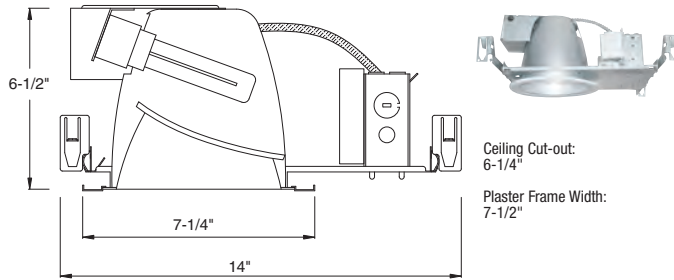
Acrylic Finish Codes

B - Blue
F - Frosted
G - Green
R - Red
Y - Yellow

Pronto Café
Your Corner Coffeehouse

CAPPUCCINO		COFFEE	
Large	\$2.19	Large	\$1.99
Medium	\$1.99	Medium	\$1.79
Small	\$1.59	Small	\$1.59

Pronto Café
Your Corner Coffeehouse



Ceiling Cut-out:
6-1/4"

Plaster Frame Width:
7-1/2"



CTR6322WA-PL
Angled Convex Glass Prismatic Lens,
Clear Specular Internal Reflector,
Matte Platinum Low Iridescent
Reflector, Self Flanged Trim

Max. Lamp: Limited by ballast restriction.
OD: 7-1/4"

Architectural Recessed Angled Wall Wash

RA6118AEMV

- (1) 13W DTT or TTT, 4-PIN
- (1) 18W DTT or TTT, 4-PIN

RA6132AEMV

- (1) 26W DTT or TTT, 4-PIN
- (1) 32W TTT, 4-PIN

RA6218AEMV

- (2) 13W DTT or TTT, 4-PIN
- (2) 18W DTT or TTT, 4-PIN

RA6226AEMV

- (2) 26W DTT or TTT, 4-PIN

Specification Features

- Ceiling opening: 6-1/4". 5-3/4" aperture size. Allow 3" clearance around fixture.
- Heavy gauge steel plaster frame with hanger bars installed.
- Junction box provides for through wiring (4 in/4 out, 12 gauge, 90°C conductors) with (5) 1/2" knockouts and (4) Romex cable knockouts with strain clamps.
- Electronic multi-wattage ballast with high power factor (.99), THD(<10%).
- Universal Voltage (120-277V). 50/60Hz.
- Maximum Input 13W Current: @ 120V (.13A), @ 277V (.05A).
Maximum Input 18W Current: @ 120V (.15A), @ 277V (.07A).
Maximum Input 26W Current: @ 120V (.24A), @ 277V (.10A).
Maximum Input 32W Current: @ 120V (.27A), @ 277V (.13A).
Max. Input (2) 13W Current: @ 120V (.25A), @ 277V (.10A).
Max. Input (2) 18W Current: @ 120V (.32A), @ 277V (.13A).
Max. Input (2) 26W Current: @ 120V (.48A), @ 277V (.19A).
- Class P thermally protected (inherent).
- Sound rated A.
- Surge protected, meets ANSI C62.41.
- End-of-lamp life protection circuit.
- Electronic ballasts have a 5-year warranty.
- 347V option available. Consult Con-Tech for details.
- cULus Listed. Approved for use in damp locations.
- New York City approved, calendar number 45706.

Options:

CP-Chicago Plenum (not pictured)
Consult Con-Tech.

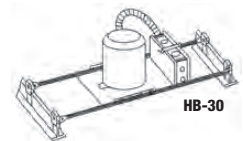
DAMX
Advance Mark X dimming option, wattage and voltage specific.

DLEC
Lutron ECOSYSTEM dimming option, wattage specific.

EB4
Factory installed 4-PIN 650 lumen emergency ballast with remote test switch. 2-lamp fixtures wired for 1-lamp emergency operation.

EB4R*
Remote 4-PIN 650 lumen emergency ballast with remote test switch. The remote test switch could be up to (50) feet away from the EM ballast.

HB-30
Optional T-bar hanger set.



347V (not pictured) Consult Con-Tech.

***Note:** The EB4R can be half the distance that the remote mounting distance rating of the standard CFL ballast.

ORDER EXAMPLE:

Example Housing Order Number

RA6118AEMV

Trim

CTR6322WA

Finish

-PL

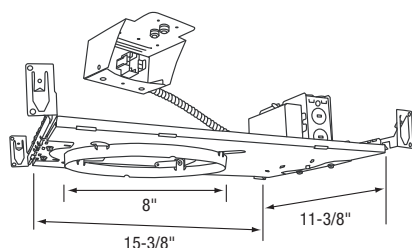
Example Trim Order Number

CTR6322WA-PL

Reflector Finish Codes

PL - Matte Platinum

8" ARCHITECTURAL COMPACT FLUORESCENT HOUSING



Ceiling Opening:
8-1/8"

Maximum Ceiling
Thickness: 1-1/4"

Plaster Frame Dimensions:
11-3/8"W x 15-3/8"L

Architectural Grade 8" Housing, 7-7/8" Aperture

RA8118HEMV

- (1) 13W DTT/TTT, 4-PIN
- (1) 18W DTT/TTT, 4-PIN

RA8218HEMV

- (2) 13W DTT/TTT, 4-PIN
- (2) 18W DTT/TTT, 4-PIN

RA8142HEMV

- (1) 26W DTT/TTT, 4-PIN
- (1) 32W TTT, 4-PIN
- (1) 42W TTT, 4-PIN

RA8226HEMV

- (2) 26W DTT/TTT, 4-PIN

RA8242HEMV

- (2) 26W DTT/TTT, 4-PIN
- (2) 32W TTT, 4-PIN
- (2) 42W TTT, 4-PIN

Specification Features

- Maximum height: 6-5/8", allow 3" clearance.
- Ceiling cutout: 8-1/8", maximum ceiling thickness: 1-1/4".
- Installed hanger bars span 24" and include built-in nailers as well as T-bar hooks.
- Junction box is provided for wiring 4 in and 4 out, with (4) 1/2" and (4) Romex pry-outs. There is also (1) 1/2" and 3/4" concentric knockout.
- Electronic multi-wattage ballast with high power factor (.99).
- Multi-Volt (120-277V). 50/60Hz.
- Class P thermally protected by internal fuse in electronic ballast.
- Max. Input (1) 13W Current: @ 120V (.13A), @ 277V (.05A).
- Max. Input (1) 18W Current: @ 120V (.15A), @ 277V (.07A).
- Max. Input (1) 26W Current: @ 120V (.24A), @ 277V (.10A).
- Max. Input (1) 32W Current: @ 120V (.27A), @ 277V (.13A).
- Max. Input (1) 42W Current: @ 120V (.37A), @ 277V (.16A).
- Max. Input (2) 13W Current: @ 120V (.25A), @ 277V (.10A).
- Max. Input (2) 18W Current: @ 120V (.32A), @ 277V (.13A).
- Max. Input (2) 26W Current: @ 120V (.48A), @ 277V (.20A).
- Max. Input (2) 32W Current: @ 120V (.54A), @ 277V (.26A).
- Max. Input (2) 42W Current: @ 120V (.74A), @ 277V (.32A).
- Sound rated A.
- End-of-lamp life protection circuit.
- Surge protected, meets ANSI C62.41.
- Electronic ballasts have a 5-year warranty.
- All designed for maximum lumen output.
- 347V option available. Consult Con-Tech for details.
- cULus Listed. Suitable for damp locations.
- New York City approved, calendar number 45706.

Options:

CP-Chicago Plenum (not pictured)
Consult Con-Tech.

CTR84C-CLR

8" diameter cross hair louver insert, spring retention. Clear specular aluminum finish. Will work with all brands. Compatible with CTR8422H or CTR8422V trims.



DAMX

Advance Mark X dimming option, wattage and voltage specific.

DLEC

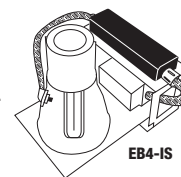
Lutron ECOSYSTEM dimming option, wattage specific.

EB4

Factory installed 4-PIN 650 lumen emergency ballast with remote test switch. 2-lamp fixtures wired for 1-lamp emergency operation.

EB4-IS

Factory installed 4-PIN 650 lumen emergency ballast with internal test switch. 2-lamp fixtures wired for 1-lamp emergency operation. Trim modification required.



EB4R*

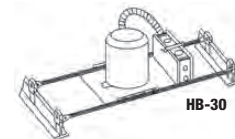
Remote 4-PIN 650 lumen emergency ballast with remote test switch. The remote test switch could be up to (50) feet away from the EM ballast.

EBH-IS

Factory installed 4-PIN 1300 lumen emergency ballast with internal test switch. 2-lamp fixtures wired for 1-lamp emergency operation.

HB-30

Optional T-bar hanger set.



347V (not pictured) Consult Con-Tech.

***Note:** The EB4R can be half the distance that the remote mounting distance rating of the standard CFL ballast.

ORDER EXAMPLE:

Example Housing Order Number

RA8118HEMV

Trim

CST8422H

Finish

-CLR

Example Trim Order Number

CST8422H-CLR

SPECIFICATION GRADE TRIMS



CST8422H-CLR

CST8422H-CLR

Specification Grade, 8" Aperture, Clear Specular Finish Reflector

CST8422H-PL

Specification Grade, Matte Platinum Finish Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 8-7/8" **H:** 6-3/8"

Aperture: 7-5/8"



CST8423H-PL

CST8423H-CLR

Specification Grade, Clear Specular Finish Reflector, 90° Wall Wash Kicker

CST8423H-PL

Specification Grade, 8" Aperture, Matte Platinum Finish Reflector, 90° Wall Wash Kicker

Max. Lamp: Determined by your choice of ballast.

OD: 8-7/8" **H:** 6-3/8"

Aperture: 7-5/8"

CST Spec Grade Trim Specifications:

- CST Specification grade trims are compatible with RA Architectural grade housings.
- One piece ALZAK™ reflector.
- Spun parabolic contour provides 40° cutoff to lamp and lamp image.
- Each reflector offering has been optically designed for superior light control.
- All reflector finishes are low iridescent to eliminate the rainbowing effect.
- Provides clean look for design critical applications.
- All reflectors have a self-flanged trim design that produces a smooth transition from fixture to ceiling.
- Custom finishes are available. Consult Con-Tech for details.
- 90° wall wash cutout with wall wash kicker. Matching reflector finishes provides uniform distribution of light to the wall surface.
- White Painted Flange available. Add "-WPF" after the catalog number.
- Photometric files are available on our Web site.

8" COMPACT FLUORESCENT TRIMS

COMMERCIAL



CTR8421H-P

CTR8421H-B

Black Baffle, Clear Reflector, Black Trim

CTR8421H-P

Black Baffle, Clear Reflector, White Plastic Trim

CTR8421H-P-WHT

White Baffle/Reflector/Plastic Trim

Max. Lamp: Determined by your choice of ballast.

OD: 9-3/8" **ID:** 7-3/8"

H: 7-3/8"

Trim Finish: White or Black



CTR8423H-CLR

Wall Wash Kickplate, Clear Reflector, White Trim

Max. Lamp: Determined by your choice of ballast.

OD: 9-3/8" **ID:** 7-5/8"

H: 7-3/8"



CTR8429H-CLR

CTR8429H-(CLR, PL)

Self Flanged Clear or Matte Platinum Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 8-7/8" **ID:** 7-5/8"

H: 6-3/8"



CTR8422H-CLR

CTR8422H-CLR

Clear Specular Multiplier

CTR8422H-WHT

White Specular Multiplier

Max. Lamp: Determined by your choice of ballast.

OD: 9-3/8" **ID:** 7-5/8"

H: 7-3/8"

Trim Finish: White sculptured trim ring



CTR8427H-P

CTR8427H-P

Black Baffle Trim, Clear Specular Reflector, Regressed Clear Prismatic Convex Glass Lens

CTR8427H-P-WHT

White Baffle Trim, Clear Specular Reflector, Regressed Clear Prismatic Convex Glass Lens

- Wet location listed.

Max. Lamp: Determined by your choice of ballast.

OD: 9-1/2" **ID:** 7-3/8"

H: 7"



CTR8425H-P

Floating Glass, White Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 9-3/8" **ID:** 7-5/8"

H: 6-3/4" **Drop:** 1-1/2"



CTR8426H-P

Floating Ring, 3.5" Center Hole, White Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 9-3/8" **ID:** 7-5/8"

H: 6-3/4" **Drop:** 1-1/2"



CTR8428H-CLR-P with 1A8R

CTR8428H-(CLR, WHT)-P 1A8(B, F, G, R, Y)

Sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Max. Lamp: Determined by your choice of ballast.

OD: 10-3/4" **ID:** 7-3/4"

Drop: 1-1/2"

Trim Finish: White

Reflector/Baffle Finish Codes

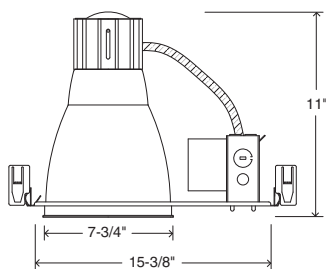
CLR - Clear WHT - White
PL - Matte Platinum

Trim Finish Codes

B - Black
P - White

Acrylic Finish Codes

B - Blue R - Red
F - Frosted Y - Yellow
G - Green



Ceiling Opening:
7-7/8"
Maximum Ceiling Thickness:
1-1/4"
Plaster Frame Width:
11-3/8"

For trims, see page 404-405 ▶

Architectural Grade 7-3/4" Aperture Housing

RA8118VEMV

- (1) 13W DTT/TTT, 4-PIN
- (1) 18W DTT/TTT, 4-PIN

RA8142VEMV

- (1) 26W DTT/TTT, 4-PIN
- (1) 32W TTT, 4-PIN
- (1) 42W TTT, 4-PIN

Specification Features

- Installed hanger bars span 24" and include built-in nailers as well as T-bar clips.
- Heat sink aluminum socket cup with keyhole for vertical adjustment of lampholder position. This 1-1/2" lamp height adjustability allows for distinct beam spreads (wide, medium, narrow).
- Junction box is provided for wiring 4 in and 4 out, with (4) 1/2" and (4) Romex pry-outs. There is also (1) 1/2" and 3/4" concentric knockout.
- Max. ceiling thickness: 1-1/4". Allow for 3" clearance around fixture.
- Electronic multi-wattage ballast with high power factor (.99).
- Multi-Volt (120-277V). 50/60Hz.
- Class P thermally protected by internal fuse in electronic ballast.
- Sound rated A.
- Surge protected, meets ANSI C62.41.
- Maximum Input 13W Current: @ 120V (.13A), @ 277V (.05A).
Maximum Input 18W Current: @ 120V (.15A), @ 277V (.07A).
Maximum Input 26W Current: @ 120V (.24A), @ 277V (.10A).
Maximum Input 32W Current: @ 120V (.27A), @ 277V (.13A).
Maximum Input 42W Current: @ 120V (.37A), @ 277V (.16A).
- End-of-lamp life protection circuit.
- Electronic ballasts have a 5-year warranty.
- All designed for maximum lumen output.
- 347V option available. Consult Con-Tech for details.
- cULus Listed. Suitable for damp locations.
- New York City approved, calendar number 45706.

RA8118VEMV Lamps: (1) 13W DTT or TTT G24Q-1 or GX24Q-1 Base, or (1) 18W DTT or TTT G24Q-2 or GX24Q-2 Base, 4-PIN
RA8142VEMV Lamps: (1) 26W DTT or TTT, T4, GX24Q-3 Base or (1) 32W TTT, T4, GX24Q-3 Base or (1) 42W TTT, T4, GX24Q-4 Base, 4-PIN

Options:

CP-Chicago Plenum (not pictured)
Consult Con-Tech.

CTR84C-CLR

8" diameter cross hair louver insert, spring retention. Clear specular aluminum finish. Will work with all brands. Compatible with CTR8422H or CTR8422V trims.



DAMX

Advance Mark X dimming option, wattage and voltage specific.

DLEC

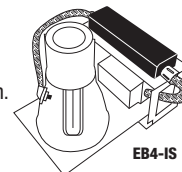
Lutron ECOSYSTEM dimming option, wattage specific.

EB4

Factory installed 4-PIN 650 lumen emergency ballast with remote test switch. 2-lamp fixtures wired for 1-lamp emergency operation.

EB4-IS

Factory installed 4-PIN 650 lumen emergency ballast with internal test switch. 2-lamp fixtures wired for 1-lamp emergency operation. Trim modification required.



EB4R*

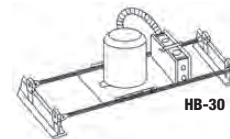
Remote 4-PIN 650 lumen emergency ballast with remote test switch. The remote test switch could be up to (50) feet away from the EM ballast.

EBH-IS

Factory installed 4-PIN 1300 lumen emergency ballast with internal test switch. 2-lamp fixtures wired for 1-lamp emergency operation.

HB-30

Optional T-bar hanger set.



347V (not pictured) Consult Con-Tech.

***Note:** The EB4R can be half the distance that the remote mounting distance rating of the standard CFL ballast.

ORDER EXAMPLE:

Example Housing Order Number

RA8118VEMV

Trim

CST8422V

Finish

+ **-CLR**

Example Trim Order Number

= **CST8422V-CLR**

8" ARCHITECTURAL COMPACT FLUORESCENT HOUSING

SPECIFICATION GRADE TRIMS



CST8422V-CLR

CST8422V-CLR

Specification Grade, 8" Aperture, Clear Specular Finish Reflector

CST8422V-PL

Specification Grade, 8" Aperture, Matte Platinum Finish Reflector

Max. Lamp: Determined by your choice of ballast.

OD: 8-7/8" **H:** 7-3/8"

Aperture: 7-5/8"

Vertical Lamp Position



CST8423V-CLR

CST8423V-CLR

Specification Grade, 8" Aperture, Clear Specular Finish Reflector, 90° Wall Wash Kicker

CST8423V-PL

Specification Grade, 8" Aperture, Matte Platinum Finish Reflector, 90° Wall Wash Kicker

Max. Lamp: Determined by your choice of ballast.

OD: 8-7/8" **H:** 7-3/8"

Aperture: 7-5/8"

Vertical Lamp Position

CST Spec Grade Trim Specifications:

- CST Specification grade trims are compatible with RA Architectural and RS Specification grade housings.
- One piece ALZAK™ reflector.
- Spun parabolic contour provides 40° cutoff to lamp and lamp image.
- Each reflector offering has been optically designed for superior light control.
- All reflector finishes are low iridescent to eliminate the rainbowing effect.
- Provides clean look for design critical applications.
- All reflectors have a self-flanged trim design that produces a smooth transition from fixture to ceiling.
- Custom finishes are available. Consult Con-Tech for details.
- 90° wall wash cutout with wall wash kicker. Matching reflector finishes provides uniform distribution of light to the wall surface.
- White Painted Flange available.
- Add "-WPF" after the catalog number.
- Photometric files are available on our Web site.

8" ARCHITECTURAL COMPACT FLUORESCENT TRIMS



CTR8421V-P

CTR8421V-B
*Black Baffle, Clear Reflector,
 Black Trim*

CTR8421V-P
*Black Baffle, Clear Reflector,
 White Plastic Trim*

CTR8421V-P-WHT
White Baffle/Reflector/Plastic Trim

Max. Lamp: Determined by your choice of ballast.
OD: 9-3/8" **ID:** 7-3/8"
H: 7-3/8"
Trim Finish: White



CTR8422V-CLR

CTR8422V-CLR
Clear Specular Multiplier

CTR8422V-WHT
White Specular Multiplier

Max. Lamp: Determined by your choice of ballast.
OD: 9-3/8" **ID:** 7-5/8"
H: 7-3/8"
Trim Finish: White



CTR8423V-CLR
*Wall Wash Kickplate,
 Clear Reflector, White Trim*

Max. Lamp: Determined by your choice of ballast.
OD: 9-3/8" **ID:** 7-5/8"
H: 7-3/8"



CTR8427V-P

CTR8427V-P
*Black Baffle Trim, Clear Specular
 Reflector, Regressed Clear Prismatic
 Convex Glass Lens*

CTR8427V-P-WHT
*White Baffle Trim, Clear Specular
 Reflector, Regressed Clear Prismatic
 Convex Glass Lens*

- Wet location listed.

Max. Lamp: Determined by your choice of ballast.
OD: 9-1/2" **ID:** 7-3/8"
H: 7"



CTR8429V-CLR

CTR8429V-(CLR, PL)
*Self Flanged Clear or Matte
 Platinum Reflector*

Max. Lamp: Determined by your choice of ballast.
OD: 8-7/8" **ID:** 7-5/8"
H: 6-3/8"



CTR8428V-(CLR, WHT)-P

CTR8428V-(CLR, WHT)-P
1AR8(B, F, G, R, Y)

Sandblasted floating colored acrylic ring supported by (3) posts, clear or white specular reflector, white metal trim ring.

Max. Lamp: Determined by your choice of ballast.
OD: 10-3/4" **ID:** 7-3/4"
Drop: 1-1/2"
Trim Finish: White



CTR8425V-P
Floating Glass, White Reflector

Max. Lamp: Determined by your choice of ballast.
OD: 9-3/8" **ID:** 7-5/8"
H: 6-3/4" **Drop:** 1-1/2"



CTR8426V-P
*Floating Ring, 3.5" Center Hole,
 White Reflector*

Max. Lamp: Determined by your choice of ballast.
OD: 9-3/8" **ID:** 7-5/8"
H: 6-3/4" **Drop:** 1-1/2"

Reflector/Baffle Finish Codes

CLR - Clear WHT - White
 PL - Matte Platinum

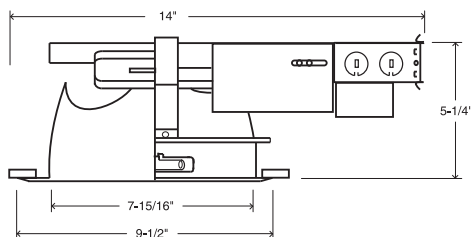
Trim Finish Codes

B - Black P - White

Acrylic Finish Codes

B - Blue R - Red
 F - Frosted Y - Yellow
 G - Green

8" SPECIFICATION COMPACT FLUORESCENT HOUSING



Ceiling Cut-out: 8-1/8"

RS8242SHEMV

Specification Grade 7-15/16" Aperture Shallow Housing

- (2) 26W DTT or TTT, 4-PIN
- (2) 32W TTT, 4-PIN
- (2) 42W TTT, 4-PIN

- Commercial mounting kit provided for up to 5" vertical adjustment. Accommodates 1/2" EMT conduit, optional HB-24 (27" flat bar hangers) or HBC-24 (25" heavy duty C-channel hanger) for inverted T-bar grid ceiling applications or concealed spline ceiling construction.
- Vented socket cup attaches to the trim with a knuckled nut.
- Junction box is provided for wiring 4 in and 4 out, with (4) 1/2" and (4) Romex pry-outs. There is also (1) 1/2" and 3/4" concentric knockout.
- (3) "Trim Lock" dimpled spring clips firmly hold the reflector in place without damaging it.
- Ceiling opening: 8-1/8". Allow for 3" clearance around fixture.
- Electronic multi-wattage ballast HPF.
- Multi-Volt (120-277V). 50/60Hz.
- Class P thermally protected by internal fuse in electronic ballast.
- Sound rated A.
- Surge protected, meets ANSI C62.41.
- Maximum Input 26W Current: @ 120V (.46A), @ 277V (.19A). Maximum Input 32W Current: @ 120V (.52A), @ 277V (.22A). Maximum Input 42W Current: @ 120V (.74A), @ 277V (.31A).
- End-of-lamp life protection circuit.
- Electronic ballasts have a 5-year warranty.
- Designed for maximum lumen output.
- 347V option available. Consult Con-Tech for details.
- cULus Listed. Suitable for damp locations.
- New York City approved, calendar number 45706.

Options:

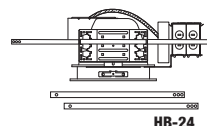
CP-Chicago Plenum (not pictured)
Consult Con-Tech.

DAMX
Advance Mark X dimming option. Wattage and voltage specific.

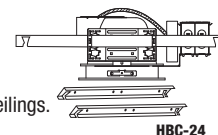
DLEC
Lutron ECOSYSTEM dimming option. Wattage specific.

EB4R
Remote 4-PIN 650 lumen emergency ballast with remote test switch.

HB-24
Flat hanger set for use with RL-KIT in T-bar, grid or concealed spline ceilings. Spans 24" ceiling grid {actual length 27" (686mm)}.



HBC-24
C-channel hanger bar set for use with RL-KIT in grid ceiling construction. Provides firm, no-sag installation with 24" spacing {actual length 25-1/4" (641mm)}. Notched for placement on inverted T-bar ceilings.



347V (not pictured)
Consult Con-Tech.



CTR8424CSH-CLR

Clear Reflector, 4-Cell Parabolic Louver

Max. Lamp: Determined by your choice of ballast.

OD: 9-7/16" **ID:** 7-15/16"

Trim Finish: White



CTR8427SH-CW

CTR8427SH-CB

Regressed Prismatic Convex Glass Lens, Clear Upper Reflector, Black Baffle
Wet Location

CTR8427SH-CW

Regressed Prismatic Convex Glass Lens, Clear Upper Reflector, White Baffle
Wet Location

Max. Lamp: Determined by your choice of ballast.

OD: 9-7/16" **ID:** 7-15/16"

Trim Finish: White

ORDER EXAMPLE:

Example Housing Order Number

RS8242SHEMV

Trim

CTR8424CSH

Finish

-CLR

Example Trim Order Number

CTR8424CSH-CLR

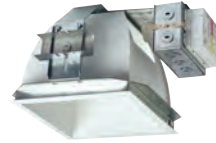
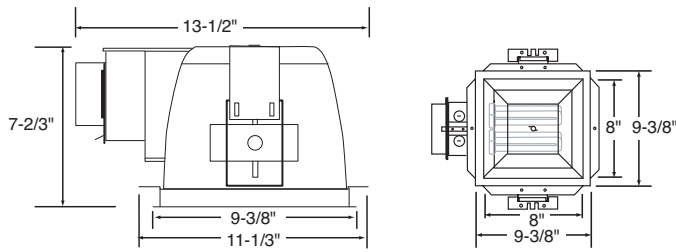
Reflector Finish Codes

CLR - Clear

Baffle Finish Codes

CB - Clear Reflector, Black Baffle

CW - Clear Reflector, White Baffle



RL8SQF
Commercial Grade 8" Square Housing

- (2) 26W DTT/TTT, 4-PIN
- (2) 32W TTT, 4-PIN
- (2) 42W TTT, 4-PIN

- Designed for new construction, solid or suspended ceilings up to 7/8" thick.
- Supplied with fully adjustable mounting brackets that will accept 1-1/2" C channel mounting bars.
- Junction box has (6) 1/2" knockouts and (2) 3/4" knockouts.
- Self flanged aluminum trim, painted white finish open reflector.
- Ceiling opening: 9-1/8" square.
- Electronic multi-wattage ballast HPF.
- Multi-Volt (120-277V). 50/60Hz.
- Class P thermally protected by internal fuse in electronic ballast.
- Sound rated A.
- Surge protected, meets ANSI C62.41.
- Maximum Input 26W Current: @ 120V (.46A), @ 277V (.19A)
- Maximum Input 32W Current: @ 120V (.52A), @ 277V (.22A)
- Maximum Input 42W Current: @ 120V (.74A), @ 277V (.31A).
- End-of-lamp life protection circuit.
- cULus Listed. Suitable for damp locations.

Options:

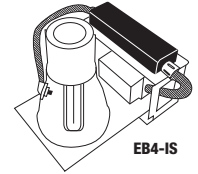
CP-Chicago Plenum (not pictured)
Consult Con-Tech.

DAMX
Advance Mark X dimming option, wattage and voltage specific.

DLEC
Lutron ECOSYSTEM dimming option, wattage specific.

EB4
Factory installed 4-PIN 650 lumen emergency ballast with remote test switch. 2-lamp fixtures wired for 1-lamp emergency operation.

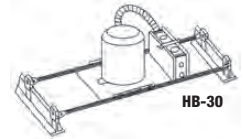
EB4-IS
Factory installed 4-PIN 650 lumen emergency ballast with internal test switch. 2-lamp fixtures wired for 1-lamp emergency operation. Trim modification required.



EB4R*
Remote 4-PIN 650 lumen emergency ballast with remote test switch. The remote test switch could be up to (50) feet away from the EM ballast.

EBH-IS
Factory installed 4-PIN 1300 lumen emergency ballast with internal test switch. 2-lamp fixtures wired for 1-lamp emergency operation.

HB-30
Optional T-bar hanger set.



347V (not pictured) Consult Con-Tech.

***Note:** The EB4R can be half the distance that the remote mounting distance rating of the standard CFL ballast.

ORDER EXAMPLE:

Example Housing Order Number

RL8SQF





concealed adjustable illumination

Varia

The Varia Series is available in two versions. The MR16 low voltage or ceramic metal halide versions may be used with any combination of Con-Tech's 3" trim offerings. We also offer a PAR20 and PAR30 incandescent or ceramic metal halide, one lamp through four lamp models, making the Varia the ideal choice for highlighting virtually any environment.

accentuate™

Our most versatile line of Concealed Adjustable Illumination creates an exciting alternative to surface-mounted accent illumination. Noted for its all-encompassing versatility and flexibility, the Accentuate line enables you to create your desired effect, whether it be spot, flood or wall-washing for any retail environment.



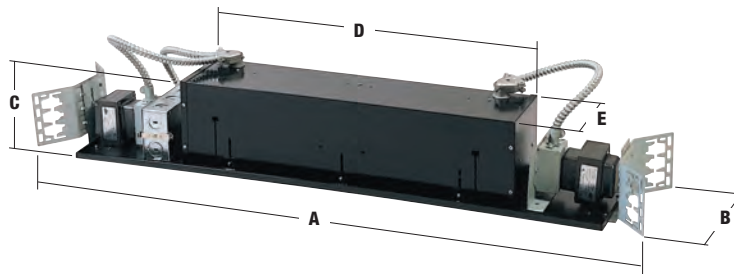
concealed adjustable illumination

Con-Tech brings you even more versatility in accent lighting with the Varia series of Concealed Adjustable Illumination. Varia is available for MR16 (below), MR16 CMH (pages 408-409), PAR20 or PAR30 incandescent or ceramic metal halide (pages 410-411) making the Varia the ideal choice for highlighting virtually any environment, including high-end residential, conference rooms, retail cash-counter area/display racks, and lobby exhibit space.

Varia MR16 Housings are available in two through four lamp models for use with any combination of Con-Tech's 3" trim offerings.

Dimensions Key

- A = Width
- B = Length
- C = Height
- D = Cut-out Length
- E = Cut-out Width



MR16 LOW VOLTAGE			Lamp Qty	A	B	C	D	E
LVN35016								
X2	P- White	Leave Blank (120V)	2 Lamp	23.66"	6.88"	6.56"	9.94"	4.75"
X3	B- Black	27 (277V)	3 Lamp	27.75"	6.88"	6.56"	14.56"	4.75"
X4	S- Silver		4 Lamp	37"	6.88"	6.56"	18.88"	4.75"

Specifications

- Maximum lamp wattage per socket: 50 Watt MR16
- Recessed housing for new construction
- Complete with "C" brackets for commercial downlight mounting bars
- 120/12V or 277/12V models feature thermally protected magnetic class H transformers
- Torsionite springs allow for easy installation of the aperture frame
- Mounting bars can be adjusted vertically
- Trim plate finishes available: (P) White, (B) Black, or (S) Silver
- Housing type: Non-IC rated
- Maximum of 8 No. 12 AWG, approved for through circuit 90°C wiring
- Junction box has seven knockouts, (3) 1/2", (2) 3/4", and (1) 1/2" & 3/4" concentric
- Use any combination of 3" trims with the housing
- Trims allow for 359° adjustability
- cULus Listed, suitable for damp location

Faceplate Options



LVN35016X2-(P, B, S)
2 lamp faceplate shown with CTR303N-P
6" wide x 12-1/4" long



LVN35016X3-(P, B, S)
3 lamp faceplate shown with CTR301-WHT
6" wide x 16-3/4" long



LVN35016X4-(P, B, S)
4 lamp faceplate shown with CTR305-CLR
6" wide x 21-1/4" long

Finish Codes

- B - Black
- P - White
- S - Silver



CTR301-WHT

CTR301-B

Black baffle trim, black ring, adjustable socket, 15° vertical swing, white trim, 45mm lens

CTR301-P

Black baffle trim, adjustable socket, 15° vertical swing, white trim, 45mm lens

CTR301-WHT

White baffle trim, adjustable socket, 15° vertical swing

Max Lamp: 20-50W MR16, GU5.3 Base

OD: 4-1/4" **ID:** 2-7/8"

Lens Size: 45mm

Trim Finish: White



CTR302-B-BLKN

CTR302-B-BLKN

Adjustable Multiplier

CTR302-(NK, ST)-CLR

Adjustable Multiplier

CTR302-P-(BLK, CLR, WHT)

Adjustable Multiplier

CTR302-P-PL

Adjustable Multiplier

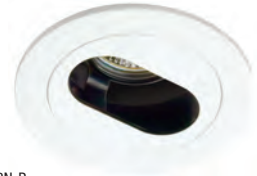
37° Vertical Adjustment

Max Lamp: 20-50W MR16, GU5.3 Base

OD: 4-1/4", **ID:** 2-7/8"

Lens Size: 45mm

Trim Finish: Black, Brushed Nickel, Brushed Stainless Steel or White



CTR303N-P

CTR303N-P

Slotted Wall Wash

Slotted adjustable wall wash trim provides broad illumination. The slot aperture permits maximum beam area adjustment for either wall wash or concealed accent lighting effects. Internal 50° swing adjustment and external 358° rotation. Black interior surface.

Max Lamp: 20-50W MR16, GU5.3 Base

OD: 4-1/4"

ID: 1-3/8" x 2-1/2"

Lens Size: 45mm

Trim Finish: White



CTR304-P-CLR

CTR304-P-CLR

Angled Wall Wash (Chrome Reflector)

CTR304-P-PL

Angled Wall Wash (Platinum Reflector)

CTR304-B-BL

Angled Wall Wash (Black Reflector)

CTR304-S-PL

Angled Wall Wash (Platinum Reflector)

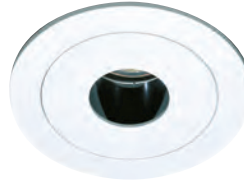
This angled wall wash trim allows you to coordinate your ceiling design with existing open multiplier trims. Adjustable lampholder (55°-75° aiming angle).

Max Lamp: 20-50W MR16, GU5.3 Base

OD: 4-1/4", **ID:** 2-7/8"

Lens Size: 45mm

Trim Finish: Black, White or Silver



CTR305-BLK

CTR305-BLK

Pin Spot - Black Cut-Off Reflector

CTR305-B-BLK

Pin Spot - Black Cut-Off Reflector, Black Trim

CTR305-CLR

Pin Spot - Clear Cut-Off Reflector

Downlight Only

Max Lamp: 20-50W MR16, GU5.3 Base

OD: 4-1/4", **ID:** 1-3/8"

Lens Size: 50mm

Trim Finish: Black, White



CTR306-P

Adjustable black baffle, 40° vertical adjustment, rotates 359°. 50mm lens

Max Lamp: 20-50W MR16, GU5.3 Base

OD: 4-1/4" **ID:** 2-7/8"

Lens Size: 50mm

Trim Finish: White



CTR307-WHT

CTR307-(B, NK, P)

Adjustable pin spot, deep black baffle, 35° vertical adjustment, 45mm lens

CTR307-WHT

Adjustable pin spot, deep white baffle, white trim ring, 35° vertical adjustment, 45mm lens

Max Lamp: 20-50W MR16, GU5.3 Base

OD: 4-1/4" **ID:** 2-7/8"

Trim Finish: Black, Brushed Nickel, White

Notes:

All trims can take 2 light control elements, using a stepped lens holder. Insert 45mm lens on lower level of lamp seat.

On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.

Reflector Finish Codes

BLK - Black
CLR - Clear

PL - Matte Platinum
WHT - White

Trim Finish Codes

B - Black
P - White

NK - Brushed Nickel
ST - Brushed Stainless Steel



CTR310-F-P

Frosted glass, fluted

Max Lamp: 20-50W Front Glass MR16, GU5.3 Base

OD: 4-1/4" **ID:** 2-3/4"

Depth from Ceiling: 1-1/4"



CTR311FR-P

CTR311FR-(NK, P)
Lensed Shower Trim

- Flat glass, frosted
- cULus Listed for wet location

Max Lamp: 20-50W MR16, GU5.3 Base

OD: 4-1/4" **ID:** 2-3/8"



CTR312-P

Etched glass for light diffusion, flat glass

Max Lamp: 20-50W MR16, GU5.3 Base

OD: 4-1/4" **ID:** 2-3/8"



CTR313-P

Shower light, cULus listed for wet location, etched glass for light diffusion, convex drop glass. Double Neoprene gasketed.

Max Lamp: 20-50W MR16, GU5.3 Base

OD: 4-1/4" **ID:** 2-5/8"

Glass: 3/4" Drop (Ceiling to bottom of glass)



CTR317-P

White trim, floating frosted ring, 3" series, 2.0" center opening 50mm lens

Max Lamp: 20-50W MR16, GU5.3 Base

Floating Glass Size: 4-3/8"

Depth from Ceiling: 1-1/8"



CTR318-F

Tapered glass frosted diffuser, specular reflector

Max Lamp: 20-50W Front Glass MR16, GU5.3 Base

GU5.3 Base

OD: 4-1/4" **ID:** 2-1/2"

Depth from Ceiling: 1-1/4"



CTR321-F-NK

CTR321-F-(NK, P)
Frosted Glass Cylinder

Cylindrical glass diffuser with specular reflector focuses light downward and eliminates glare.

Choose white or nickel trim with frosted glass.

Max Lamp: 20-50W MR16, GU5.3 Base

OD: 4-1/4" **ID:** 2-3/4"

Depth from Ceiling: 1-1/4"

Note: On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.

Glass Color Codes

F - Frosted

Trim Finish Codes

NK - Brushed Nickel

P - White



CTR324-ST

CTR324- (NK, P, ST)

Die cast, 87° vertical adjustment, 359° rotation, front lamp access, 47mm lens

Max Lamp: 20-50W MR16, GU5.3 Base

OD: 4-1/4"

Lens Size: 47mm



CTR325-NK

CTR325-(B, NK, P)

Fully adjustable, cast aluminum, round lampholder and backplate. 87° vertical adjustment, 359° rotation, front lamp access, 50mm lens

Max Lamp: 20-50W MR16, GU5.3 Base

OD: 4-1/4"

Lens Size: 50mm



CTR335-CO

CTR335-(B, CO, NK, P)

Elbow

Exceptional aiming flexibility with 87° vertical and 359° rotation adjustment. Die-cast aluminum construction, wide selection of finishes. Front access, spring latch lamp retainer ring-black finish.

Max Lamp: 20-50W MR16, GU5.3 Base

OD: 4-1/4"

Lens Size: 47mm

Depth from Ceiling: 2-1/2"

Note: The CTR335-trims will only accept one lens. If a Louver (FA-16 45mm) is required, remove the safety lens and use a Fron Glass MR16 lamp.

Note: On fixtures designed for use with standard MR16 lamps, Con-Tech provides a clear tempered safety lens. If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.

Accessories

1623/24 WHITE	White finish, spring latch, front lamp retainer ring for the CTR324 series	LF16-73 47MM	Corning 73 spread lens, 47mm
FA-16	50mm Honeycomb louver for MR16 trim, Black Finish	LF16-LS 47MM	Linear spread lens, 47mm
FA-16 45MM	45mm Honeycomb louver for MR16 trim, Black Finish	LF16-SL 47MM	Softtight sandblasted diffuser, 47mm
THS-16	Thermal heat shield for MR16 lamps. Directs heat forward, away from housing. May be advantageous for use in housings installed in enclosed spaces, Silver Finish.	LF16-UV 47MM	OPTIVEX™ ultraviolet filter
LF16-73	Corning 73 spread lens, 50mm	LF16-** 47MM	**Insert 47mm lens color: A -Amber, B -Blue, G -Green, LB -Light Blue, R -Red, RO -Rose, Y -Yellow
LF16-LS	Linear spread lens, 50mm	LF16-73 45MM	Corning 73 spread lens, 45mm
LF16-SL	Softlight sandblasted diffuser, 50mm	LF16-LS 45MM	Linear spread lens, 45mm
LF16-UV	OPTIVEX™ ultraviolet filter, 50mm	LF16-SL 45MM	Softlight sandblasted diffuser, 45mm
LF16-*	*Insert 50mm lens color: A -Amber, B -Blue, G -Green, LB -Light Blue, R -Red, RO -Rose, Y -Yellow Tempered Glass Filter	LF16-UV 45MM	OPTIVEX™ ultraviolet filter, 45mm
		LF16-*** 45MM	***Insert 45mm lens color: A -Amber, B -Blue, G -Green, LB -Light Blue, R -Red, RO -Rose, Y -Yellow

Note: The CTR324 trim series will only accept one lens. If a louver (FA-16 45MM) is required, remove the safety lens and use front glass MR16 lamp.

Trim Finish Codes

B - Black	NK - Brushed Nickel	ST - Brushed Stainless Steel
CO - Brushed Copper	P - White	



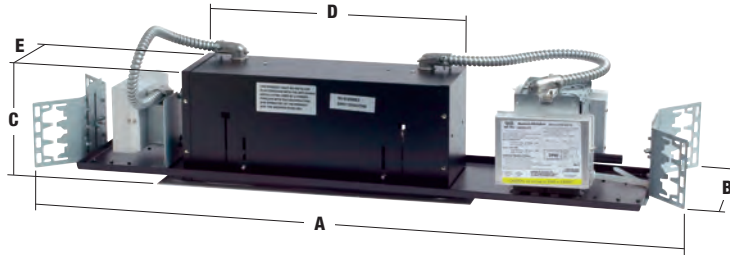


concealed adjustable illumination

Varia MR16 Ceramic Metal Halide Housings are available in two through four lamp models for use with any combination of Con-Tech's 3" CMH trim offerings.

Dimensions Key

- A = Width
- B = Length
- C = Height
- D = Cut-out Length
- E = Cut-out Width



MR16 CERAMIC METAL HALIDE				Lamp Qty	A	B	C	D	E
LVN	16MH	-	-						
20	X2	B	Leave Blank (120V)	2 Lamp	23.66"	6.88"	6.56"	9.94"	4.75"
39	X3	P	27 (277V)	3 Lamp	27.75"	6.88"	6.56"	14.56"	4.75"
	X4	S		4 Lamp	37"	6.88"	6.56"	18.88"	4.75"

Specifications

- 20W or 39W GX10 MR16 CMH lamps (GE & Philips)
- Recessed Housing for New Construction
- Lamp housing removable through ceiling
- Complete with "C" Brackets for commercial downlight mounting bars
- 120V or 277V electronic ballasts, 50/60Hz
- Torsionite springs allow for easy installation of aperture frame/faceplate
- Up to 5" vertical adjustment in mounting brackets
- Maximum of 8 No. 12 AWG, approved for through circuit 90°C wiring
- Junction box has seven knockouts, (3) 1/2", (2) 3/4", and (1) 1/2" & 3/4" concentric
- Use any combination of 3" CMH trim offerings
- Trims allow for 359° adjustability
- cULus Listed, suitable for damp locations
- Add **347** for 347V operation (39W only)

Faceplate Options



LVN2016MHX2-(B, P, S)
2 lamp faceplate shown with CTR303NMH-P
6" wide x 12-1/4" long



LVN2016MHX3-(B, P, S)
3 lamp faceplate shown with CTR301MH-WHT
6" wide x 16-3/4" long



LVN2016MHX4-(B, P, S)
4 lamp faceplate shown with CTR325MH-P
6" wide x 21-1/4" long

Finish Codes

- B - Black
- P - White
- S - Silver

RECESSED / CONCEALED ADJUSTABLE ILLUMINATION / MR16 CMH



CTR301MH-WHT

CTR301MH-P
Adjustable Baffle (Black)

CTR301MH-WHT
Adjustable Baffle (White)

15° Vertical Swing Range

Max. Lamp: Determined by your choice of ballast

OD: 4-1/4", **ID:** 2-7/8"

Lens Size: 45mm

Trim Finish: White

Accepts (1) Lens



CTR302MH-P-BLK

CTR302MH-P-(BLK, PL, WHT)
Adjustable Multiplier

37° Vertical Adjustment

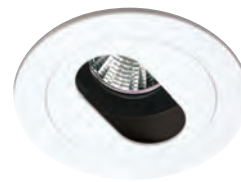
Max. Lamp: Determined by your choice of ballast

OD: 4-1/4", **ID:** 2-7/8"

Lens Size: 45mm

Trim Finish: White

Accepts (1) Lens



CTR303NMH-P
Slotted Wall Wash

Slotted adjustable wall wash trim provides broad illumination of commercial and residential wall settings. The slot aperture permits maximum beam area adjustment for either wall wash or concealed accent lighting effects. Internal 50° swing adjustment and external 358° rotation. Black interior surface.

Max. Lamp: Determined by your choice of ballast

OD: 4-1/4"

ID: 1-3/8" x 2-1/2" Oblong Slot

Lens Size: 45mm

Trim Finish: White

Accepts (1) Lens



CTR306MH-P
Surface Adjustable (Black Baffle)

Beauty and utility in a circular, die-cast, adjustable trim—40° maximum vertical swing, 359° rotational. The neat, regressed black baffle reduces surface brightness. Exclusive flat, stainless mounting springs. Holds trim firmly to ceiling.

Max. Lamp: Determined by your choice of ballast

OD: 4-1/4", **ID:** 2-7/8"

Lens Size: 50mm

Trim Finish: White



CTR307MH-WHT

CTR307MH-(B, P)
Adjustable Pin Spot, Black Baffle

CTR307MH-WHT
Adjustable Pin Spot, White Baffle

Precise, adjustable beam aiming is easy with this low-brightness pin spot. Deep baffle for maximum lamp concealment. May be used as a pin spot style downlight or an adjustable accent light. With rotational capability and a broad, 35° vertical swing range. Choose black or white baffle.

Max. Lamp: Determined by your choice of ballast

OD: 4-1/4", **ID:** 2-7/8"

Lens Size: 45mm

Accepts (1) Lens



CTR325MH-NK

CTR325MH-(B, NK, P, ST)
Fully Adjustable

Unsurpassed aiming flexibility: 359° rotational, 87° vertical. Variety of designer finishes available for any décor or environment. Use for downlighting or accent lighting applications. Easy relamping with twist-off front retaining ring. Exclusive stainless flat springs insure firm, close-to-ceiling mounting.

Max. Lamp: Determined by your choice of ballast

OD: 4-1/4"

Lens Size: 50mm

ORDER EXAMPLE:

Example Housing Order Number

LVN2016MHX2-P

Trim

CTR301MH

Finish

-P

Example Trim Order Number

CTR301MH-P

Reflector Finish Codes

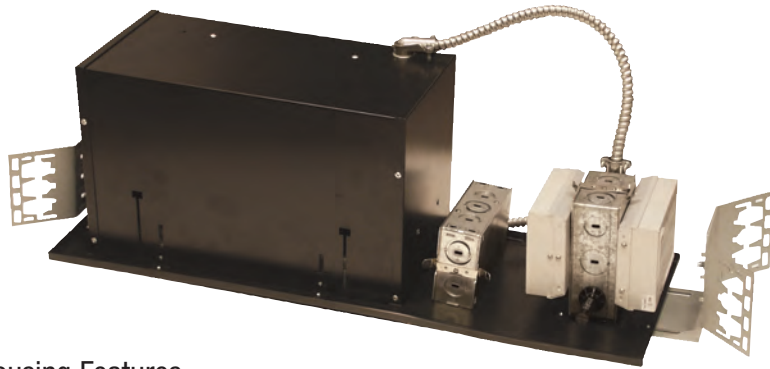
BLK - Black
PL - Matte Platinum
WHT - White

Trim Finish Codes

B - Black
NK - Brushed Nickel
P - White
ST - Brushed Stainless Steel



Varia PAR20 and PAR30 Housings are available in one through four lamp models for both incandescent and metal halide lamps. Trims included as shown.



Housing Features

- Available in single lamp through four lamp models
- .8 mm thick steel construction of housing and plaster frame. Black powder coat finish
- Non-IC housing, insulation must be kept a minimum of 3" from every point on the fixture
- Heavy Gauge, 2.4 mm, steel trim plate. Powder coat finish
- Held to housing by (2) torsionite springs. Individual trim held in place by three retaining clips
- Front loading lamp, adjustable height socket
- 3-3/4" Diameter lens (LF20 Series) will fit into trim (see page 383 for descriptions)
- Trims rotate 359° in the horizontal plane, 22.5° in the vertical plane
- Trims use heavy gauge Molex connections
- Wing type mounting brackets allow for vertical adjustments
- Brackets will accept optional HB-24 Flat Hanger Bars or HBC-24 "C" Channel Hangers
- Junction box has (4) 1/2" knockouts and (2) concentric 1/2" and 3/4" knockouts plus (4) Romex pry-outs
- Approved for through wiring; max 12 AWG No. 8, 4-in, 4-out
- Wiring rating: 90° C, thermally protected
- cULus listed. Suitable for damp locations
- New York City approved, calendar 47553

Metal halide housings also feature:

- Sound rated A
- Electronic metal halide ballasts; one ballast per trim
- 5 year ballast warranty through ballast manufacturer
- 120-277V, 50/60Hz
- Add **347** for 347V operation (39 & 70W only)



RD = Round SQ = Square

1 Lamp Models

Trim Dimensions: RD = 7.69" Diameter
SQ = 8.86"L x 8.86"W



2 Lamp Models

Trim Dimensions: 15.55"L x 8.07"W



3 Lamp Models

Trim Dimensions: 22.05"L x 8.07"W



4 Lamp Models

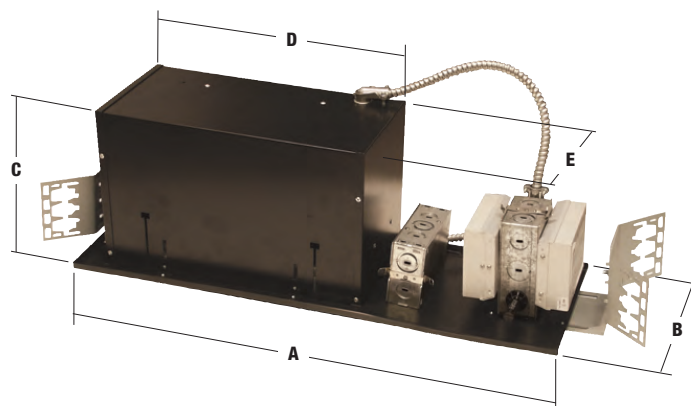
Trim Dimensions: 28.74"L x 8.07"W

ORDER EXAMPLE:

Housing		Finish		Example Housing Order Number
LVN75PIN121SQ	+	-P	=	LVN75PIN121SQ-P

Dimensions Key

- A = Housing Length
- B = Housing Width
- C = Housing Height
- D = Cut-Out Length
- E = Cut-Out Width



PAR20 METAL HALIDE				Lamp Qty	A	B	C	D	E
LVN	20MH		- P	1 RD	17.75"	7.34"	6.34"	8.66"	7.09"
20	12 - 120V	1	RD - Round (1 Lamp Only)	1 SQ	22.05"	9.06"	10.04"	8.66"	7.09"
39	27 - 277V	2	SQ - Square (1 Lamp Only)	2 RT	30.91"	9.06"	10.04"	14.17"	7.09"
		3	RT - Rectangular	3 RT	41.73"	9.06"	10.04"	20.67"	7.09"
		4		4 RT	48.23"	9.06"	10.04"	27.36"	7.09"
PAR30LN METAL HALIDE									
LVN	PMH		- P	1 RD	22.05"	9.06"	10.04"	8.66"	7.09"
20	12 - 120V	1	RD - Round (1 Lamp Only)	1 SQ	22.05"	9.06"	10.04"	8.66"	7.09"
39	27 - 277V	2	SQ - Square (1 Lamp Only)	2 RT	30.91"	9.06"	10.04"	14.17"	7.09"
70		3	RT - Rectangular	3 RT	41.73"	9.06"	10.04"	20.67"	7.09"
		4		4 RT	48.23"	9.06"	10.04"	27.36"	7.09"
PAR20 INCANDESCENT									
LVN50PAR20			- P	1 RD	22.05"	9.06"	10.04"	8.66"	7.09"
		1	RD - Round (1 Lamp Only)	1 SQ	22.05"	9.06"	10.04"	8.66"	7.09"
		2	SQ - Square (1 Lamp Only)	2 RT	30.91"	9.06"	10.04"	14.17"	7.09"
		3	RT - Rectangular	3 RT	41.73"	9.06"	10.04"	20.67"	7.09"
		4		4 RT	36.85"	9.06"	10.04"	27.36"	7.09"
PAR30 INCANDESCENT									
LVN75PIN12			- P	1 RD	22.05"	9.06"	10.04"	8.66"	7.09"
		1	RD - Round (1 Lamp Only)	1 SQ	22.05"	9.06"	10.04"	8.66"	7.09"
		2	SQ - Square (1 Lamp Only)	2 RT	30.91"	9.06"	10.04"	14.17"	7.09"
		3	RT - Rectangular	3 RT	41.73"	9.06"	10.04"	20.67"	7.09"
		4		4 RT	36.85"	9.06"	10.04"	27.36"	7.09"

Finish Code

P - White

accentuate™

CONCEALED ADJUSTABLE ILLUMINATION

The Accentuate™ line creates an exciting alternative to surface-mounted accent illumination. Noted for its all-encompassing versatility and flexibility, the Accentuate line enables you to create your desired effect, whether it be spot, flood or wall-washing for any retail environment. Your dedicated Con-Tech support team will be available to assist you every step of the way, with personalized service, product support, and the fastest shipments in the industry.



LED pages 420-421



Incandescent page 422



Low Voltage page 423



Metal Halide pages 424-426

Accentuate adjustable lighting is concealed in an 18 ga. steel fabricated recessed housing. It is offered in models for new construction with installation conversion kits for remodeling and lay-in grid type ceiling applications. Finishes are available in white, black, and silver.

Accentuate allows you to create the lighting effects you desire with your choice of PAR38 Metal Halide, PAR38 Incandescent, PAR38 LED, PAR30 intergrated LED, PAR30LN Metal Halide, PAR30 Incandescent, PAR20 Metal Halide, PAR20 Incandescent, T4 and T6 Metal Halide, AR111 Low Voltage, MR16 Metal Halide and MR16 Low Voltage, and PGJ5 Mini Ceramic Metal Halide lamp models.

Con-Tech Lighting incorporated the latest LED technology into our Accentuate concealed adjustable lighting system. With proper thermal management, optical design and electrical management, we can provide maximum light output, quality color rendering and optimal life span for the fixtures.

The Accentuate line enables you to add various accessories to the fixtures to highlight clothing displays, retail merchandise and architectural features. A selection of color filters and light-controlling lenses are available to further enhance your installation. Cross-hair louvers are standard equipment and supplied for PAR38 Metal Halide, PAR38 Incandescent, PAR38 LED, PAR30LN Metal Halide, T4 and T6 Metal Halide, PAR30 Incandescent, PAR20 Metal Halide, PAR20 Incandescent, AR111 Low Voltage and AR111 LED lamp models. A snoot is provided with the MR16 models. All of these choices add to the versatility you've come to expect from Con-Tech Lighting.

Key Features

- Easy installation in accessible and non-accessible ceilings.
- Adjustable lamp holders are available in white, black and silver finishes to match any interior décor.
- New construction fixture may also be installed as a remodel unit. Consult factory for details.
- **Aim & Lock**
All models feature fully adjustable aiming with the ability to lock the fixture setting in place. For your convenience, Con-Tech provides a wrench specially designed for the job.
- The heavy-duty housing is fabricated out of 18-gauge steel and is powder coat painted in matte black, white or silver colors. May be finished on the site as a trimless installation or with a white-trim frame.*
** Black trim available on special order.
(Consult Con-Tech to order as component parts.)*
- The fixture may be installed with the included white metal trim ring or trimless by finishing the ceiling to the edge of the luminaire.
- Aluminum cross-hair louvers and retaining ring are supplied as standard equipment on PAR38 Metal Halide, PAR38 Incandescent, PAR38 LED, PAR30LN Metal Halide, PAR30 Incandescent, PAR20 Metal Halide, PAR20 Incandescent, T4 and T6 metal halide, AR111 Low Voltage and AR111 LED lamp models. A snoot is provided with the MR16, integrated LED, and BT5 metal halide models. All fixtures are designed to be front loading for lamp replacement.
- RAN models are supplied with RL-KIT #3 Wing-Type Mounting Brackets allowing for vertical height adjustments. The bracket will accept optional HB-24 Flat Hanger Bars or HBC-24 C-Channel Hangers. (See page 423.)
- Maximum aiming angles: See following fixture pages.
- The RAN unit has a 1-1/16" vertical adjustment within the housing to the mounting plate. The RL-KIT #3 Wing Mounting Brackets that are field mounted to the ends of the mounting plate allow for a 3-1/8" vertical adjustment plus the HB-24 Flat Mounting Bars have a 4" vertical height adjustment.

Note: A small tool is provided for locking the housing in place.



Electrical Features

- RAN housings are designed so that the junction box is accessible from above or below the ceiling. The fixture is labeled for 8 # 12 AWG 90° C wires, through-branch circuit conductors (4-in, 4-out) with ground wire.



Listing/User Protection

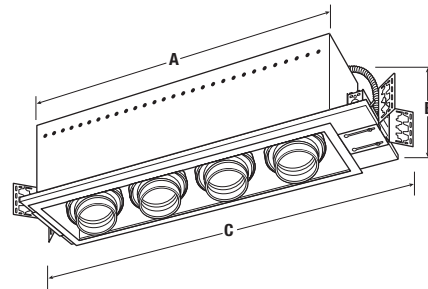
- cULus listed.
- Suitable for damp locations.
- Exclusive full-exchange warranty.
- New York City Calendar #44957.

Integrated LED

NEW

Dimensions Key

- A = Housing Length
- B = Overall Height
- C = Overall Length
- D = Cut-out Length
- E = Cut-out Width



RAN18LM312NX4

Specifications

Max Lamp:

RAN18L: Integrated, 18W per head
 RAN27L: Integrated, 27W per head

- Recessed for a clean ceiling, adjustable for accent control and LED sustainability. All in one product!
- High performance, dimmable LED light engine available in 1 to 4 lamp configurations
- Select from 3 beam distributions: Spot, Medium, Flood
- LED's are available in multiple color temperatures; select from 2700K, 3000K, and 3500K
- Light engine comes with standard snoot providing excellent cutoff and glare control
- Dimming option allows illumination down to 15% (option available on RAN18L only)



Optica LED 18W

RAN18L-						
S Spot	27	2700K	12 (120V)	N Non-Dimming	X1	B
M Medium	3	3000K	27 (277V)	D Triac Dimming (120V ONLY)	X2	P
F Flood	35	3500K		D2 0-10V Dimming (120V/277V)	X3	S
					X4	

Optica LED 27W

RAN27L-						
S Spot	27	2700K	12 (120V)	N Non-Dimming	X1	B
M Medium	3	3000K	27 (277V)	D Triac Dimming (120V ONLY)	X2	P
F Flood	35	3500K		D2 0-10V Dimming (120V/277V)	X3	S
					X4	

Lamp Qty	A	B	C	D	E
1 Lamp	8.81"	9.75"	18.34" - 20.84"	9.32"	7.25"
2 Lamp	15.90"	9.75"	25.43" - 27.93"	16.41"	7.25"
3 Lamp	23.00"	9.75"	32.53" - 35.03"	23.51"	7.25"
4 Lamp	30.00"	9.75"	39.53" - 42.03"	30.51"	7.25"

Finish Codes

- B - Black
- P - White
- S - Silver

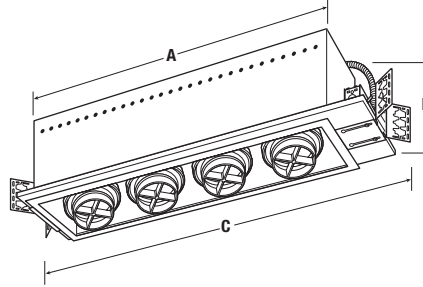
ORDER EXAMPLE:

Housing: RAN27L-F3512N4 + Finish: -B = Example Housing Order Number: RAN27L-F3512N4-B

PAR Metal Halide

Dimensions Key

- A = Housing Length
- B = Overall Height
- C = Overall Length
- D = Cut-out Length
- E = Cut-out Width



RAN7038MHX4

Specifications

- E26 Medium Base Socket
- Electronic Ballast, 120 or 277V, 50/60Hz
- Ceramic Metal Halide Lamps Recommended
- Adjustability
 - PAR38 55° Length x 40° Width
 - PAR30 75° Length x 40° Width
 - PAR20 75° Length x 30° Width
- Add 347 for 347V operation (39, 70, or 100W only)

PAR38 Metal Halide	Lamp Qty	A	B	C	D	E
RAN ___ 38MH X1-___	1 Lamp	10.71"	11.42"	20.24" - 22.74"	11.22"	9.25"
70 X2 B Leave Blank (120V)	2 Lamp	18.98"	11.42"	28.51" - 31.01"	19.49"	9.25"
100 X3 P 27 (277V)	3 Lamp	27.24"	11.42"	36.77" - 39.27"	27.75"	9.25"
(wattage) X4 S	4 Lamp	35.51"	11.42"	45.04" - 47.54"	36.02"	9.25"
PAR30LN Metal Halide						
RAN ___ 30MH X1-___	1 Lamp	8.81"	10.83"	18.34" - 20.84"	9.32"	7.25"
20 X2 B Leave Blank (120V)	2 Lamp	15.90"	10.83"	25.43" - 27.93"	16.41"	7.25"
35 X3 P 27 (277V)	3 Lamp	23.00"	10.83"	32.53" - 35.03"	23.51"	7.25"
70 X4 S	4 Lamp	30.00"	10.83"	39.53" - 42.03"	30.51"	7.25"
(wattage)						
PAR20 Metal Halide						
RAN ___ 20MH X1-___	1 Lamp	5.75"	7.44"	19.69" - 22.19"	6.25"	5.52"
20 X2 B Leave Blank (120V)	2 Lamp	14.45"	7.44"	23.98" - 26.48"	14.96"	5.52"
35 X3 P 27 (277V)	3 Lamp	18.38"	7.44"	27.91" - 30.41"	18.89"	5.52"
(wattage) X4 S	4 Lamp	22.95"	7.44"	32.48" - 34.98"	23.46"	5.52"

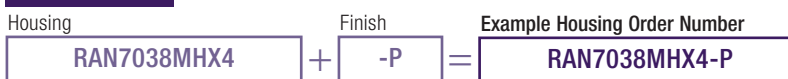
Finish Codes

- B - Black
- P - White
- S - Silver

Notice:

Not all metal halide lamps have been tested on or are compatible with electronic Metal Halide ballasts. "Ceramic" arc tube MH lamps are highly recommended. Both the lamp and ballast manufacturers should be consulted for compatibility (latest list of recommended lamp types) before the lamps are purchased.

ORDER EXAMPLE:



RECESSED / accentuate / CONCEALED ADJUSTABLE ILLUMINATION / METAL HALIDE

Accessories/Lenses/Louvers

Create the maximum dramatic lighting effect, selecting between this wide array of accessories.

The lamp-holder cap is designed to hold up to three optional elements. Our removable cross-hair blade louver* is provided to create lamp shielding. Tempered glass light controlling and color lenses are available to highlight any lighting situation.

*Cross-hair louvers supplied with PAR38 incandescent, PAR38 metal halide, PAR30 Incandescent, PAR30LN Metal Halide, PAR20 Metal Halide, PAR20 Incandescent, and AR111 models. (LA-37 egg-crate louver can be used in place of the cross-hair baffle if desired.)

Color Filters / Spread Lenses / Louvers

Lamps	Lamps	Lamps	Lamps	
MR16 MR16MH BT5 Mini MH	PAR20 PAR20MH	Integrated LED T6MH T4MH PAR30MH PAR30 AR111	PAR38MH PAR38	
Model	Model	Model	Model	Description
LF16-A	LF16-A 60mm	LF20-A	LF30-A	Amber
LF16-B	LF16-B 60mm	LF20-B	LF30-B	Blue
LF16-G	LF16-G 60mm	LF20-G	LF30-G	Green
LF16-LB	LF16-LB 60mm	LF20-LB	LF30-LB	Light Blue
LF16-R	LF16-R 60mm	LF20-R	LF30-R	Red
LF16-RO	LF16-RO 60mm	LF20-RO	LF30-RO	Rose
LF16-Y	LF16-Y 60mm	LF20-Y	LF30-Y	Yellow
LF16-73	LF16-73 60mm	LF20-73	LF30-73	Spread Lens
LF16-SL	LF16-SL 60mm	LF20-SL	LF30-SL	Soft Light Lens (Sandblasted)
LF16-LS	LF16-LS 60mm	LF20-LS	LF30-LS	Linear Spread Lens
LF16-UV	LF16-UV 60mm	LF20-UV	LF30-UV	Bausch & Lomb Optivex™ UV Filters
LF16-DPE	LF16-DPE 60mm	LF20-DPE	LF30-DPE	Dichroic Peach 3000°K -2700°K
FA-16	FA-16 60mm	LA-36		Honeycomb Louver
			LA-38	Egg-Crate Louver



NOTE: If use of MR16 lamps with front glass is required, remove the factory provided clear tempered safety lens.

LF16 = 2" dia. Glass Filter for MR16 Fixtures.

LF16 60mm = 2-1/3" dia. Glass Filter for PAR20 Fixtures.

LF20 = 3-3/4" dia. Glass Filter for PAR30 Fixtures.

LF30 = 4-11/16" dia. Glass Filter for PAR38 Fixtures.

Up to three elements may be used in the MR16, PAR30, PAR30MH, PAR38 and PAR38MH models.

One additional lens may be used with the AR111 models.

Only one element may be used in the BT5 models. (PGJ Base, T3.5)

Mounting Options



RL-KIT #3

Pictured with RAN7030MHX4-B



HBC-24

C-Channel Hanger Bars - 25"

Pictured with RAN75111X4-S

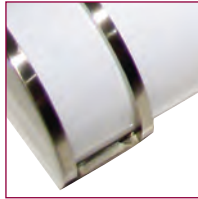
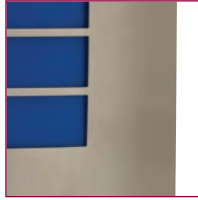


HB-24

Flat Hanger Bars - 27"

Pictured with RAN7516X4-P and RL-KIT #3





w a l l s c o n c e a n d c e i l i n g m o u n t



Con-Tech Lighting offers a wide selection of Wall Sconces and Ceiling Mount fixtures to complete all of your projects. Unique diffuser materials range from faux alabaster and metal faceplates to acrylic and glass diffusers, which provide a variety of decorative options. We offer many of the traditional shapes and designs in LED, fluorescent and incandescent lamp options.

Below are specification features that give our products the quality and performance required for your lighting project. Look for the icons below throughout the catalog that correspond to your specific needs.



LED Technology

Select fixtures provide the option of LED technology. Look for this icon for fixtures with LED technology.



Energy Star Compliance

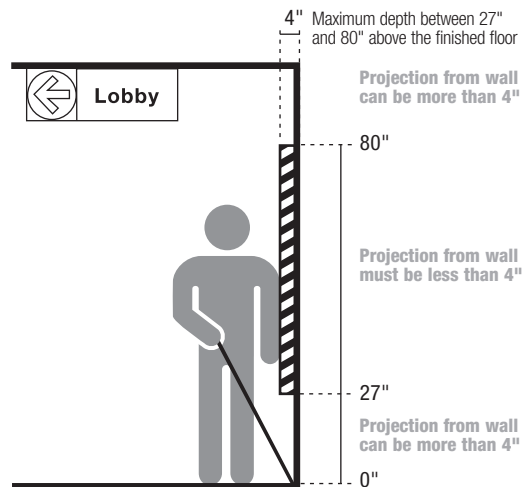
Select fixtures provide the option for Energy Star Qualified ballast/lamp combinations. Look for this icon for fixtures that are Energy Star listed.



ADA Compliance

Most Con-Tech wall sconces meet the ADA requirement of protruding no more than 4" from the wall. Look for this icon for fixtures that meet ADA requirements.

Fixtures projecting from walls with their leading edges between 27 and 80 inches above the finished floor shouldn't protrude more than 4 inches into walkways, halls, corridors, passageways, or aisles. Fixtures mounted with their leading edges at or below 27 inches above the finished floor may protrude any distance.



Applications

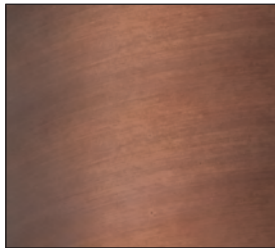
Our wall sconces and ceiling mount fixtures can create an inviting space and enhance the ambiance of commercial, retail, residential and assisted living along with hospitality applications. Pendant choices are available that provide pleasant general lighting that reduces glare and eyestrain. Our wall sconces add visual interest as well as illuminate your space.

Faux Alabaster Finish



White

Quadris Metal Faceplate Finishes



Antique Bronze



Black



Silver



White

Sconce and Ceiling Mount Accent Finishes



Antique Brass



Nickel



White

Faux Alabaster Diffusers

This specification grade material has beauty and versatility for architectural applications. The faux alabaster has a rich, colorful marbling texture throughout the material that is unique to each piece. Diffusers are available with a variety of decorative elements to create accent pieces, as well as functional works of art.

Custom Decorative Options

Many wall sconces offer the options of engraving, adding decorative elements, or providing special colors. This flexibility in design can be your asset on specification projects.

w a l l s c o n c e s



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WS075
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LED **ADA**



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WS072
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WS070
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WS071
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Quadris
WS085
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Quadris
WS081
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Perfos
WS140
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Spheris
WS012
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Spheris
WS010
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Tulip
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Vanity
VL12
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Vanity
VL22
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TAIFUN
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LED **ADA**



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LED **ADA**

c e i l i n g m o u n t f i x t u r e s



Square Flush Mount
CM111
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Round Flush Mount
CM211
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Close to Ceiling
CM317
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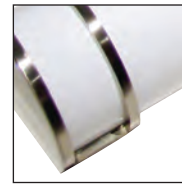
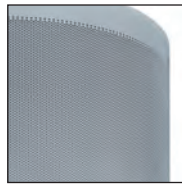
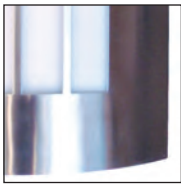
Close to Ceiling
CM603
Page 454



Close to Ceiling
Schoolhouse
CM565, CM566, CM567
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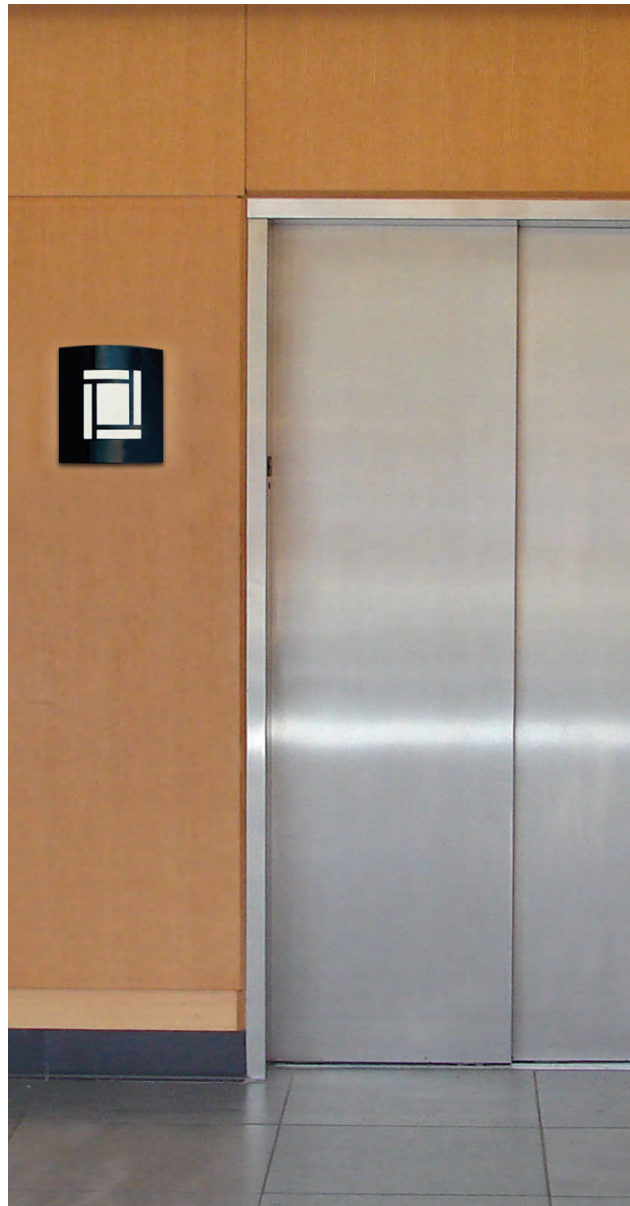
Schoolhouse
CM560, CM561, CM562
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w a l l s c o n c e

Con-Tech Lighting's wall sconces are available in LED, compact fluorescent and incandescent lamps. Select from many traditional shapes and designs to fulfill your specifications.

A wide selection of diffuser materials, colors and decorative options provide creative freedom to find the right style for your project. Diffuser choices range from glossy acrylic, frosted glass, decorative metal, and faux alabaster. The faux alabaster diffusers provide the opportunity to add decorative banding or engraving of corporate logos.





Custom Color and Logo



Black Mosaic Faceplate



Silver Horizontal Faceplate with Colored Acrylic Diffuser

QUADRIS WS075



Available in LED (2800K), compact fluorescent (Energy Star), and incandescent sources, this wall sconce features a metal faceplate that provides a soft luminous glow. The faceplate configuration also illuminates the surrounding wall for low glare applications. Select from seven different faceplate designs, and 4 different finishes (custom designs and colors are available). Add a splash of color with optional colored acrylic diffusers (see below). Suitable for wet locations (IP44), this sconce can be used for indoor and outdoor applications. Hardware is included for mounting to octagonal or rectangular junction boxes. Ballast minimum starting temperature is -13°F (-25°C).

ADA compliant. cULus listed. Suitable for wet locations.

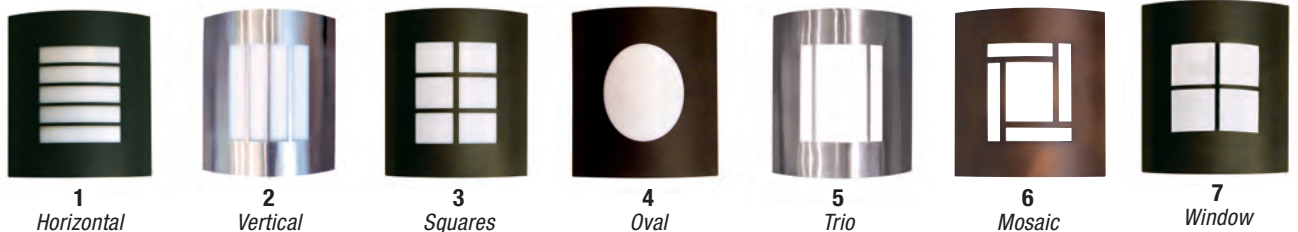
STEP 1 Select Fixture

WS075 9-3/8"W x 10-1/4"H x 3-7/8"D

STEP 2 Select Lamp/Ballast Combination

- | | | | |
|---------------|--------------------------------------------|---------------|---------------------------------------------------|
| 12LN | 12W LED, normal PF, 120V driver | 118E12 | (1) 18W Quad lamp, 120V electronic ballast |
| 12LH | 12W LED, high PF, 120V driver | 126E12 | (1) 26W Triple tube lamp, 120V electronic ballast |
| 12LD | 12W LED with 120V dimming driver (Triac) | 160 | (1) 60W E26 medium base incandescent lamp, 120V |
| 113E12 | (1) 13W Quad lamp, 120V electronic ballast | | |

STEP 3 Select Faceplate Design



STEP 4 Select Faceplate Color

- | | | | |
|-----------|----------------|----------|--------|
| AB | Antique Bronze | S | Silver |
| B | Black | W | White |

STEP 5 Select Optional Colored Acrylic Diffuser

- | | | | | | | | | | |
|---------------|-------|---------------|------|---------------|-------|---------------|-----|---------------|--------|
| WS075A | Amber | WS075B | Blue | WS075G | Green | WS075R | Red | WS075Y | Yellow |
|---------------|-------|---------------|------|---------------|-------|---------------|-----|---------------|--------|

Order Example:

Fixture	Lamp/Ballast	Faceplate Design	Faceplate Color	Example Order Number	Optional Diffuser Color				
WS075	+	118E12	+	1	+	S	=	WS075118E121S	WS075A



Without Decorative Options



With Polished Brass Bands



With Old Brick Grid

QUADRI WS072



The simple curve design on this wall sconce features a plastic diffuser that provides a soft luminous glow. The diffuser configuration also illuminates the surrounding wall for low glare applications. Select from a variety of decorative design options available. Compact fluorescent lamps provide energy efficient operation. Hardware is included for mounting to octagonal or rectangular junction boxes. **Dimming options available.**

ADA compliant. cULus listed. Suitable for dry locations.

STEP 1 Select Fixture

WS072 10-5/8"W x 10-1/2"H x 4"D

STEP 2 Select Lamp/Ballast Combination

213E12	(2) 13W Quad lamp, 120V electronic ballast	226DAMX1	(2) 26W TTT lamps, 120V Advance Mark X dimming ballast
218DAMX1	(2) 18W TTT lamps, 120V Advance Mark X dimming ballast	226DAMX2	(2) 26W TTT lamps, 277V Advance Mark X dimming ballast
218DAMX2	(2) 18W TTT lamps, 277V Advance Mark X dimming ballast	226E12	(2) 26W Quad lamp, 120V electronic ballast
218E12	(2) 18W Quad lamp, 120V electronic ballast	1100	(1) 100W E26 medium base incandescent lamp 120V

STEP 3 Select Optional Decorative Designs

G	Grey Grid	AB	Dual Antique Bronze Bands
OB	Old Brick Grid	NI	Dual Nickel Bands
W	White Grid	PB	Dual Polished Brass Bands
		PC	Dual Polished Chrome Bands

Order Example:

Fixture		Lamp/Ballast		Optional Decorative Designs		Example Order Number
WS072	+	218E12	+	PB	=	WS072218E12PB



White Faux Alabaster



White Faux Alabaster with Custom Logo (SOA070)

QUADRIS WS070



The simple curve design on this wall sconce features a Faux Alabaster diffuser that provides a soft luminous glow. The diffuser configuration also illuminates the surrounding wall for low glare applications. The Faux Alabaster diffuser has a rich colorful marbling texture throughout the material that is unique to each piece. Compact fluorescent lamps provide energy efficient operation with two lamp configurations that fully illuminate the diffuser. Hardware is included for mounting to octagonal or rectangular junction boxes. **Dimming options available.**

ADA compliant. cULus listed. Suitable for damp locations.

STEP 1 Select Fixture

WS070 11-1/4"W x 11-1/2"H x 4"D

STEP 2 Select Lamp/Ballast Combination

213N12	(2) 13W PL lamps, normal PF, (2) 120V magnetic ballasts	218EMV	(2) 18W Quad lamps, high PF, 120-277V electronic ballast
213H12	(2) 13W PL lamps, high PF, 120V magnetic ballast	226DAMX1	(2) 26W TTT lamps, 120V Advance Mark X dimming ballast
213EMV	(2) 13W Quad lamps, high PF, 120-277V electronic ballast	226DAMX2	(2) 26W TTT lamps, 277V Advance Mark X dimming ballast
218DAMX1	(2) 18W TTT lamps, 120V Advance Mark X dimming ballast	226EMV	(2) 26W Quad lamps, high PF, 120-277V electronic ballast
218DAMX2	(2) 18W TTT lamps, 277V Advance Mark X dimming ballast		

STEP 3 Select Diffuser Material

W White Faux Alabaster

STEP 4 Select Optional Energy Star Fixture

E Energy Star Listed (120V Electronic Ballast)

STEP 5 Select Optional Decorative Design (order as separate line item)

SOA070 Custom Engraving (Contact factory for specific customized options)

Order Example:

Fixture	Lamp/Ballast	Diffuser Material	Example Order Number			
WS070	+	218EMV	+	W	=	WS070218EMVW
Optional Decorative Designs						
SOA070						



White Faux Alabaster
with Brass Bands



White Faux Alabaster with Custom Logo
and Platinum Bands (SOA070)



QUADRI^S WS071

The simple curve design and dual accent bands on this wall sconce features a Faux Alabaster diffuser that provides a soft luminous glow. The diffuser configuration also illuminates the surrounding wall for low glare applications. The Faux Alabaster diffuser has a rich colorful marbling texture throughout the material that is unique to each piece. Compact fluorescent lamps provide energy efficient operation with two lamp configurations that fully illuminate the diffuser. Hardware is included for mounting to octagonal or rectangular junction boxes. **Dimming options available.**

ADA compliant. cULus listed. Suitable for damp locations.

STEP 1 Select Fixture

WS071 11-1/4"W x 11-1/2"H x 4"D

STEP 2 Select Lamp/Ballast Combination

213N12 (2) 13W PL lamps, normal PF, (2) 120V magnetic ballasts	218EMV (2) 18W Quad lamps, high PF, 120-277V electronic ballast
213H12 (2) 13W PL lamps, high PF, 120V magnetic ballast	226DAMX1 (2) 26W TTT lamps, 120V Advance Mark X dimming ballast
213EMV (2) 13W Quad lamps, high PF, 120-277V electronic ballast	226DAMX2 (2) 26W TTT lamps, 277V Advance Mark X dimming ballast
218DAMX1 (2) 18W TTT lamps, 120V Advance Mark X dimming ballast	226EMV (2) 26W Quad lamps, high PF, 120-277V electronic ballast
218DAMX2 (2) 18W TTT lamps, 277V Advance Mark X dimming ballast	

STEP 3 Select Diffuser Material

W White Faux Alabaster

STEP 4 Banding Finishes

PB Polished Brass **PC** Polished Chrome **PL** Matte Platinum **SB** Satin Brass

STEP 5 Select Optional Energy Star Fixture

E Energy Star Listed (120V Electronic Ballast)

STEP 6 Select Optional Decorative Design (order as separate line item)

SOA070 Custom Engraving (Contact factory for specific customized options)

Order Example:

Fixture	Lamp/Ballast	Diffuser Material	Banding Finishes	Example Order Number
WS071	218EMV	W	PB	WS071218EMVWPB
				Optional Decorative Designs
				SOA070



White Horizontal

QUADRIS WS085



This wall sconce features a metal faceplate that provides a soft luminous glow. The faceplate configuration also illuminates the surrounding wall for low glare applications. Select from 6 different faceplate designs, and 4 different finishes (custom designs and colors are available). Suitable for wet locations (IP44), this sconce can be used for indoor and outdoor applications. Compact fluorescent lamps provide energy efficient operation and incandescent lamps fully illuminate the decorative diffuser. Hardware is included for mounting to octagonal or rectangular junction boxes. Ballast minimum starting temperature is -13°F (-25°C).

ADA Compliant

CULus listed.

Suitable for wet locations.

STEP 1 Select Fixture

WS085 9-3/8"W x 18"H x 3-7/8"D

STEP 2 Select Lamp/Ballast Combination

- 213E12** (2) 13W Quad lamp, 120V electronic ballast
- 218E12** (2) 18W Quad lamp, 120V electronic ballast
- 226E12** (2) 26W Quad lamp, 120V electronic ballast
- 160** (1) 60W E26 medium base incandescent lamp, 120V

STEP 3 Select Faceplate Design



1
Horizontal



2
Vertical



3
Squares



4
Oval



5
Trio



6
Mosaic

STEP 4 Select Faceplate Color

- AB** Antique Bronze
- B** Black
- S** Silver
- W** White

Order Example:

Fixture	Lamp/Ballast	Faceplate Design	Faceplate Color	Example Order Number
WS085	+	218E12	+	1
			+	S
				= WS085218E121S



White Faux Alabaster

QUADRIS WS081



The taller version of the Quadris offers a simple curve design and features a Faux Alabaster diffuser that provides a soft luminous glow. The diffuser configuration also illuminates the surrounding wall for low glare applications. The Faux Alabaster diffuser has a rich colorful marbling texture throughout the material that is unique to each piece. Compact fluorescent lamping provides energy efficient operation and fully illuminates the diffuser. Hardware is included for mounting to octagonal or rectangular junction boxes.

ADA compliant. cULus listed. Suitable for damp locations.

STEP 1 Select Fixture

WS081 7-3/4"W x 16-1/2"H x 4"D

STEP 2 Select Lamp/Ballast Combination

1B24EMV (1) 24W Biax lamp, high PF, 120-277V electronic ballast

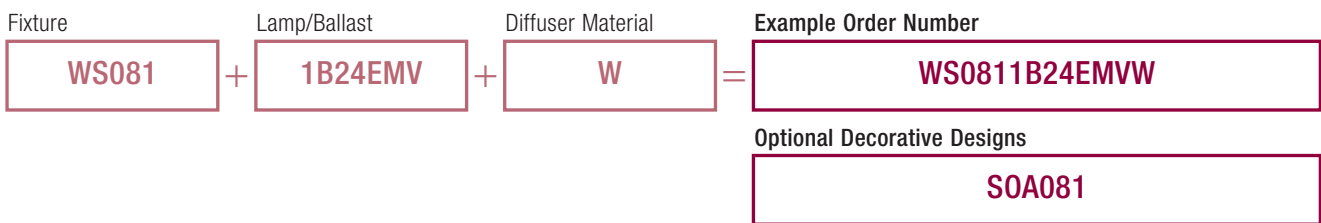
STEP 3 Select Diffuser Material

W White Faux Alabaster

STEP 4 Select Optional Decorative Designs (order as separate line item)

SOA081 Custom Engraving (Contact factory for specific customized options)

Order Example:





Silver (WS140)

PERFOS WS140



The simple curve design on this wall sconces features a perforated metal shield with an acrylic diffuser that provides a soft luminous glow. The diffuser configuration also illuminates the surrounding wall for low glare applications. The perforated shield is available in white or silver finish with a center perforated shield. Compact fluorescent lamps provide energy efficient operation with two lamp configurations that fully illuminate the diffuser. Hardware is included for mounting to octagonal or rectangular junction boxes. Dimming options available.

ADA compliant. cULus listed. Suitable for dry location.

STEP 1 Select Fixture

WS140 Center perforated metal shield (10-1/2"W x 12-1/2"H x 4"D)

STEP 2 Select Lamp/Ballast Combination

213E12	(2) 13W Quad lamps, 120V electronic ballast	226DAMX1	(2) 26W TTT lamps, 120V Advance Mark X dimming ballast
218DAMX1	(2) 18W TTT lamps, 120V Advance Mark X dimming ballast	226DAMX2	(2) 26W TTT lamps, 277V Advance Mark X dimming ballast
218DAMX2	(2) 18W TTT lamps, 277V Advance Mark X dimming ballast	226E12	(2) 26W Quad lamps, 120V electronic ballast
218E12	(2) 18W Quad lamps, 120V electronic ballast	1100	(1) 100W E26 medium base incandescent lamp, 120V

STEP 3 Select Diffuser Material

S	Silver Paint
W	White Paint

Order Example:

Fixture	Lamp/Ballast	Diffuser Material	Example Order Number			
WS140	+	218E12	+	W	=	WS140218E12W



Without Decorative Options



With Polished Brass Band

SPHERIS WS012



This quarter sphere wall sconce features a glossy, white plastic diffuser that provides a soft luminous glow. The open top design directs light upward for low glare applications. Select from a variety of decorative options available. Compact fluorescent lamps provide energy efficient operation with two lamp configurations that fully illuminate the diffuser. Hardware is included for mounting to octagonal or rectangular junction boxes.

ADA compliant. cULus listed. Suitable for dry locations.

STEP 1 Select Fixture

WS012 14-1/2"W x 7-1/2"H x 4"D

STEP 2 Select Lamp/Ballast Combination

- 213E12** (2) 13W Quad lamps, 120V electronic ballast
- 218E12** (2) 18W Quad lamps, 120V electronic ballast
- 226E12** (2) 26W Quad lamps, 120V electronic ballast
- 160** (1) 60W E26 medium base incandescent lamp, 120V

STEP 3 Select Optional Decorative Bands

- AB** Single Antique Bronze Band
- NI** Single Nickel Band
- PB** Single Polished Brass Band
- PC** Single Polished Chrome Band

Order Example:

Fixture	Lamp/Ballast	Diffuser Material	Example Order Number
WS012	+	218E12	+
		AB	=
WS012218E12AB			



White Faux Alabaster

SPHERIS WS010



This quarter sphere wall sconce features a Faux Alabaster diffuser that provides a soft luminous glow. The open top design directs light upward for low glare applications. The Faux Alabaster diffuser has a rich colorful marbling texture throughout the material that is unique to each piece. Compact fluorescent lamps provide energy efficient operation with two lamp configurations that fully illuminate the diffuser. Hardware is included for mounting to octagonal or rectangular junction boxes.

ADA compliant. cULus listed. Suitable for damp locations.

STEP 1 Select Fixture

WS010 17"W x 8-1/4"H x 4"D

STEP 2 Select Lamp/Ballast Combination

213N12 (2) 13W PL lamps, normal PF, (2) 120V magnetic ballasts
213H12 (2) 13W PL lamps, high PF, 120V magnetic ballast
213EMV (2) 13W Quad lamps, high PF, 120-277V electronic ballast

218EMV (2) 18W Quad lamps, high PF, 120-277V electronic ballast
226EMV (2) 26W Quad lamps, high PF, 120-277V electronic ballast

STEP 3 Select Diffuser Material

W White Faux Alabaster

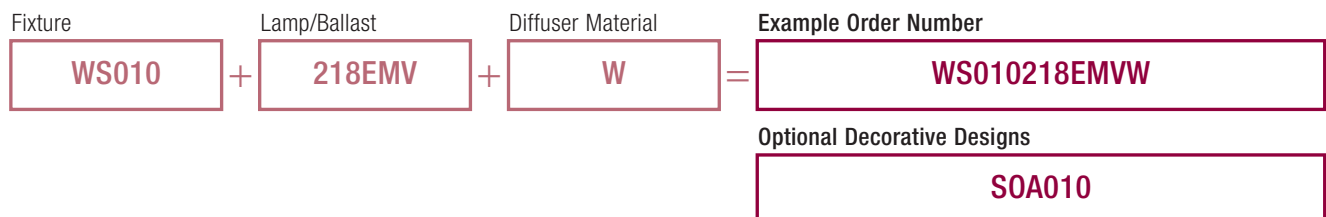
STEP 4 Select Optional Energy Star Fixture

E Energy Star Listed (13W 120V Electronic Ballast Only)

STEP 5 Select Optional Decorative Design (order as separate line item)

SOA010 Custom Engraving (Contact factory for specific customized options).

Order Example:





*Frosted Glass
with Antique Brass*

TULIP WS050



This wall sconce features a frosted glass diffuser that provides a soft luminous glow. The open top design directs light upward for low glare applications. Select from antique brass, nickel or white finial finishes. Compact fluorescent lamps provide energy efficient operation and incandescent lamps fully illuminate the diffuser. Hardware is included for mounting to octagonal or rectangular junction boxes.

cULus listed. Suitable for dry locations.

STEP 1 Select Fixture

WS050 11-3/4"W x 11"H x 5-3/4"D

STEP 2 Select Lamp/Ballast Combination

- 113E12** (1) 13W Quad lamp, 120V electronic ballast
- 118E12** (1) 18W Quad lamp, 120V electronic ballast
- 126E12** (1) 26W Quad lamp, 120V electronic ballast
- 175** (1) 75W E26 medium base incandescent lamp, 120V

STEP 3 Select Fixture Finish

- ABR** Antique Brass
- NI** Nickel
- W** White

Order Example:

Fixture		Lamp/Ballast		Fixture Finish		Example Order Number
WS050	+	113E12	+	AB	=	WS050113E12AB



VL12 with Brushed Nickel



VL22 with Brushed Nickel

DECORATIVE VANITY STRIP VL12, VL13, VL22, VL23



These decorative vanity strip lights provide general illumination for bathrooms, corridors and stairways. The white acrylic diffuser provides a soft luminous glow, while the decorative end caps offer a stylish design. Select from antique bronze, brushed nickel or white end caps to match the decorative elements in the environment. The multi-volt electronic ballasts allow installation for 120-277V. Fixtures can be mounted vertically or horizontally. Mounting hardware is included.

cULus listed. Suitable for damp locations.

STEP 1 Select Fixture

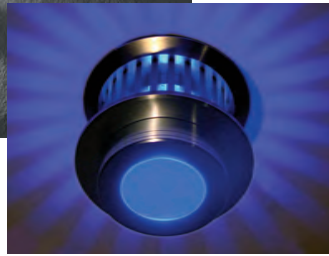
- VL12** 24-7/8"L x 4-7/8"H x 4"D (2 x 17W T8 fluorescent lamps)
- VL13** 36-7/8"L x 4-7/8"H x 4"D (2 x 25W T8 fluorescent lamps)
- VL22** 24-5/8"L x 4-3/8"H x 3-3/4"D (2 x 17W T8 fluorescent lamps)
- VL23** 36"L x 4-3/8"H x 3-3/4"D (2 x 25W T8 fluorescent lamps)

STEP 2 Select Fixture Finish

- AB** Antique Bronze
- NK** Brushed Nickel
- W** White

Order Example:





PHANTOM SWS7102



Decorative sconce for wall or ceiling mount produces beautiful striations on the surface. Available in **LED or incandescent** sources, these fixtures are constructed of extruded aluminum. May be wall or ceiling mounted. 2-1/2"H x 3-1/4" Dia. (Allow 2" opening in ceiling/wall for installation). cULus Listed (incandescent); cCSAus Certified (LED); damp location listed.

LED



- 5W LED is available in Amber, Blue, Green, Red, or Neutral White colors, included
- Must be used with 120V, Class II, 700mA electronic driver to provide power to LED fixture, see pages 480-481 for driver options

Fixture



+

Accessories



- SWS7102A** - Amber LED
- SWS7102B** - Blue LED
- SWS7102G** - Green LED
- SWS7102R** - Red LED
- SWS7102W** - Neutral White LED

- SA57-P**
Round surface adapter plate
for mounting sconce to 4" box

Incandescent

- Rated for 12 volts; for use with 12V remote transformer
- Max. Lamp: (1) 20W T3, G4 base with transverse filament, included

Fixture



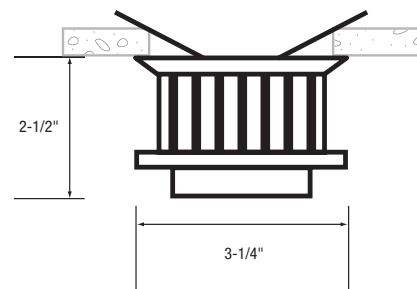
+

Accessories



SWS7102

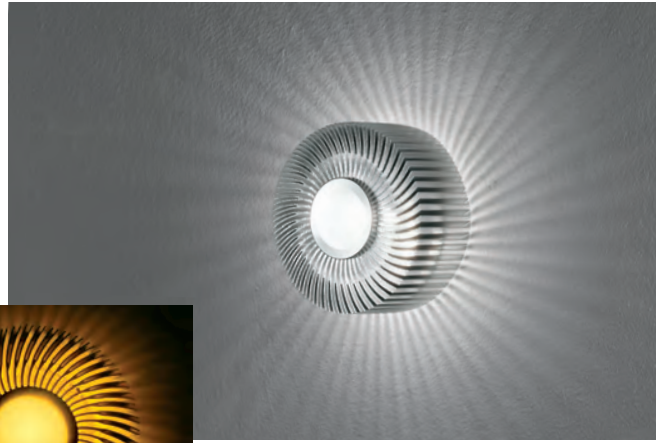
- SA57-P**
Round surface adapter plate
for mounting sconce to 4" box



Side View



Photo by Con-Tech Lighting.



TAIFUN SWS7101



Decorative sconce for wall or ceiling mount produces beautiful striations on the surface. Available in **LED or incandescent** sources, these fixtures are constructed of extruded aluminum. May be wall or ceiling mounted. 1-1/2"H x 3-1/2" Dia. (Allow 2" opening in ceiling/wall for installation). cULus Listed (incandescent); cCSAus Certified (LED); damp location listed.

LED



- 5W LED is available in Amber, Blue, Green, Red, or Neutral White colors, included
- Must be used with 120V, Class II, 700mA electronic driver to provide power to LED fixture, see pages 480-481 for driver options

Fixture



+

Accessories



- SWS7101A** - Amber LED
- SWS7101B** - Blue LED
- SWS7101G** - Green LED
- SWS7101R** - Red LED
- SWS7101W** - Neutral White LED

- SA57-P**
Round surface adapter plate
for mounting sconce to 4" box

Incandescent

- Rated for 12 volts; for use with 12V remote transformer
- Max. Lamp: (1) 20W T3, G4 base with transverse filament, included

Fixture



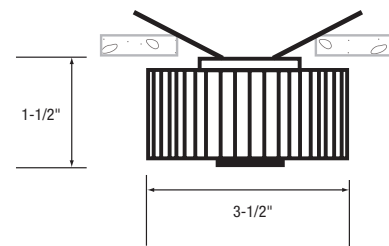
+

Accessories



SWS7101

- SA57-P**
Round surface adapter plate
for mounting sconce to 4" box



Side View



ELARA SWS7103W



Decorative surface mounted accent luminaire can be mounted on the wall or ceiling. Frosted acrylic diffuser with brushed aluminum accents provides an attractive accent light to any interior décor.

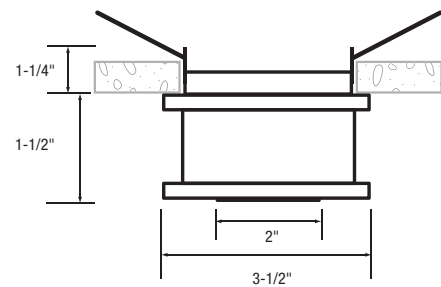
LED



- 5W LED is available in Neutral White
- Must be used with 120V, Class II, 700mA constant current electronic LED drivers, see pages 480-481 for driver options

Fixture

SWS7103W - 5W Neutral White LED



Side View



c e i l i n g m o u n t f i x t u r e s

Con-Tech's ceiling mount collection offers pendant and surface mount luminaires in an array of lamping options and diffuser materials. Select from energy efficient fluorescent lamps or convenient incandescent lamps.

Ceiling mount fixtures are available in close to ceiling luminaries and ceiling pendant styles.





SQUARE FLUSH MOUNT CEILING CM111, CM114

These low profile square ceiling mount fixtures provide general illumination for guest rooms, corridors and stairways. The white acrylic diffuser provides a soft luminous glow, while swing latches provide for convenient diffuser installation and lamp maintenance. The multi-volt electronic ballasts allow installation for 120-277V. Mounting hardware is included.

cULus listed. Suitable for dry locations.

STEP 1 Select Fixture

CM111 11"L x 11"W x 3-1/2"H (1 x 22W circline T9 fluorescent lamp)

CM114 14"L x 14"W x 4"H (1 x 22W and 1 x 32W circline T9 fluorescent lamps)

Order Example:

Example Order Number

CM114



White

ROUND FLUSH MOUNT CEILING CM211, CM215

These low profile round ceiling mount fixtures provide general illumination for guest rooms, corridors and stairways. The white acrylic diffuser provides a soft luminous glow, while swing latches provide for convenient diffuser installation and lamp maintenance. The multi-volt electronic ballasts allow installation for 120-277V. Mounting hardware is included.

cULus listed. Suitable for dry locations.

STEP 1 Select Fixture

CM211 11" Dia. x 3-3/4"H (1 x 22W circline T9 fluorescent lamp)

CM215 15-3/4" Dia. x 4-1/4"H (1 x 22W and 1 x 32W circline T9 fluorescent lamps)

Order Example:

Example Order Number

CM211



Brushed Nickel

CLOSE TO CEILING CM317

This low profile, decorative ceiling mount fixture provides general illumination for guest rooms, corridors and stairways. The white acrylic diffuser provides a soft luminous glow while the decorative rings offer a stylish design. Select from antique bronze, brushed nickel or white decorative rings. The multi-volt electronic ballasts allow installation for 120-277V. Mounting hardware is included.

cULus listed. Suitable for dry locations.

STEP 1 Select Fixture

CM317 17-3/4" Dia. x 4-1/4"H (1 x 22W and 1 x 32W circline T9 fluourescent lamps)

STEP 2 Select Fixture Finish

AB Antique Bronze
NK Brushed Nickel
W White

Order Example:

Fixture		Fixture Finish		Example Order Number
CM317	+	NK	=	CM317-NK



White

CLOSE TO CEILING CM603

This close to ceiling fixture features an etched glass diffuser. For easy maintenance, the diffuser twists on and off. Select from antique brass, nickel or white trims in either compact fluorescent or incandescent lampping. Hardware is included for mounting to octagonal or rectangular junction boxes.

cULus listed. Suitable for dry locations.

STEP 1 Select Fixture

CM603 15" Dia. x 5"H

STEP 2 Select Lamp/Ballast Combination

- 213E12** (2) 13W Quad lamp, 120V electronic ballast
- 218E12** (2) 18W Quad lamp, 120V electronic ballast
- 226E12** (2) 26W Quad lamp, 120V electronic ballast
- 360** (3) 60W E26 medium base incandescent lamps, 120V

STEP 3 Select Fixture Finish

- AB** Antique Brass
- NI** Nickel
- W** White

Order Example:

Fixture	Lamp/Ballast	Fixture Finish	Example Order Number			
CM603	+	213E12	+	AB	=	CM603213E12AB



Nickel

CLOSE TO CEILING SCHOOLHOUSE CM565, CM566, CM567

This classic fixture design is equipped with energy efficient compact fluorescent lamps or convenient incandescent lamps. Fixtures are available in three glass globe sizes and two standard finishes: nickel or white. Hardware is included for mounting to octagonal or rectangular junction boxes.

cULus listed. Suitable for damp locations.

STEP 1 Select Fixture

- CM565** 13-1/2"Dia. X 9-1/4"H
- CM566** 15-1/2"Dia. x 10"H
- CM567** 18"Dia. x 11-1/4"H

STEP 2 Select Lamp/Ballast Combination

- 213E12** (2) 13W Quad lamp, 120V electronic ballast
- 218E12** (2) 18W Quad lamp, 120V electronic ballast
- 226E12** (2) 26W Quad lamp, 120V electronic ballast
- 1150** (1) 150W E26 medium base incandescent lamps, 120V

STEP 3 Select Fixture Finish

- NI** Nickel
- W** White

Order Example:

Fixture		Lamp/Ballast		Fixture Finish	=	Example Order Number
CM565	+	213E12	+	NI	=	CM565213E12NI



Nickel



White

SCHOOLHOUSE CM560, CM561, CM562

This classic fixture design is equipped with energy efficient compact fluorescent lamps or convenient incandescent lamps. Fixtures are available in three glass globe sizes and two standard finishes: nickel or white. Hardware is included for mounting to octagonal or rectangular junction boxes.

cULus listed. Suitable for damp locations.

STEP 1 Select Fixture

- CM560** 13-1/2"Dia. X 9-1/4"H
- CM561** 15-1/2"Dia. x 10"H
- CM562** 18"Dia. x 11-1/4"H

STEP 2 Select Lamp/Ballast Combination

- 213E12** (2) 13W Quad lamp, 120V electronic ballast
- 218E12** (2) 18W Quad lamp, 120V electronic ballast
- 226E12** (2) 26W Quad lamp, 120V electronic ballast
- 1150** (1) 150W E26 medium base incandescent lamps, 120V

STEP 3 Select Stem Length

- 2** 12" Stem
- 4** 24" Stem

STEP 4 Select Fixture Finish

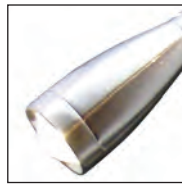
- NI** Nickel
- W** White

Order Example:

Fixture	Lamp/Ballast	Stem Length	Fixture Finish	Example Order Number				
CM562	+	213E12	+	2	+	NI	=	CM562213E122NI







a c c e n t l i g h t i n g

Con-Tech's line of task and accent lighting products combines innovative design with everyday functionality.

Our new line of **LED accents** provide superior versatility, color rendition and energy efficiency. Offering multiple wattage configurations, adjustable or fixed housings, cool white or warm white temperatures, and spot or flood distributions; we can provide the correct solution for lighting display cabinets, countertops, niches, or any task oriented lighting application. Our Round and Square Marker lights will give your design a splash of color in a small package. Recessing only 1-1/2" into the wall or ceiling these lights can fit into most plenum spaces. The LED steplights provide a unique solution for walkways, ramps and steps for safety as well as a creative lighting feature.

The **miniature halogen accents** provide superior color and efficiency with exceptional placement versatility. Ideal for lighting of display cabinets, countertops, or any task oriented lighting application. Fixtures have the unique feature of a magnetic face plate for easy relamping.

Con-Tech offers both energy efficient and functional design in a line of **fluorescent accent lights**. With a slim extruded aluminum body and durable polycarbonate diffuser, this fixture can offer the punch of a T5 lamp in one of the smallest housings in the industry. Con-Tech is also proud to introduce a 180 degree adjustable accent light that can provide directed light where needed under cabinets, or as an alternative, on top of the cabinet for accent lighting of the dark walls above.

Our popular **line voltage halogen light bars and pucks** offer additional options for accent lighting that can provide excellent color and efficiency with halogen lamps. This offering is ideal for the illumination of office work stations, credenzas, and commercial displays, or for residential applications such as counter tops, workshop tables and entertainment centers.

In any application, work or home, Con-Tech can provide a complete line of high quality accent lights to meet any design requirement for any project.

accent lighting

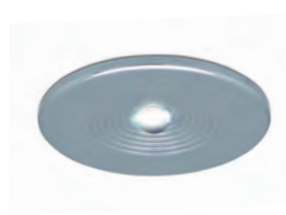
Accent



SIRIUS 2W BETA AB DS
MSP555766
Page 462
LED



SIRIUS 2W DIANA
MT30121
Page 462
LED



SIRIUS 2W MERKER
MT301
Page 462
LED



SIRIUS 5W ERIS
SR2008
Page 463
LED



SIRIUS 5W VENUS
SR2000
Page 463
LED



SIRIUS 5W PLUTON
SR2004, SR2005
Page 463
LED



3W Fixed
P1F
Page 464
LED



3W Adjustable
P1FA
Page 464
LED



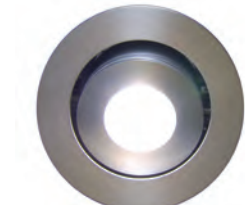
6W Fixed
P3
Page 464
LED



6W Adjustable
P3A
Page 464
LED



5W Fixed
P31
Page 465
LED



5W Adjustable
P31A
Page 465
LED



Magnetic Puck Lights
P20
Page 466



Magnetic Puck Light Kit
KP20
Page 467



Metal Puck Lights
LV2-6
Page 467

LED Bedlights



3W Bedlight
BL3SC
Page 470
LED



3W Bedlight
BL3JM
Page 470
LED

Marker/Step Lights



SIRIUS 5W SMILE
SR2006
Page 468

LED



1W Round Marker
P1LR
Page 468

LED



1W Square Marker
P1SQ
Page 468

LED



1W Square
Step Light
P1ST
Page 468

LED



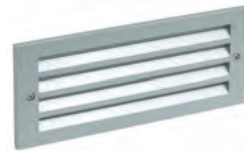
1W Rectangular
Step Light
P1RC
Page 468

LED



2W Compact
Step Light
STPL
Page 469

LED



13W CFL
Step Light
STP13
Page 470

Tape Lights



1.2W/FT
Standard Output
TLT12V1
Page 472

LED



1.8W/FT
High Output
TLT12V2
Page 472

LED



3.9W/FT
RGB Standard Output
TLT12V1
Page 474

LED

Linear



4W or 8W LED Strip
ULED
Page 477

LED



8W-28W Adjustable
Fluorescent Strip
UF2
Page 477



8W-28W Fluorescent Strip
UF1
Page 477



8W-28W Fluorescent Cove Strip
UCV1
Page 478



20W
Low Voltage Strip
UX
Page 478



25W
Halogen Strip
UH
Page 478



Linear
Accent Accessories
3PP
Page 479

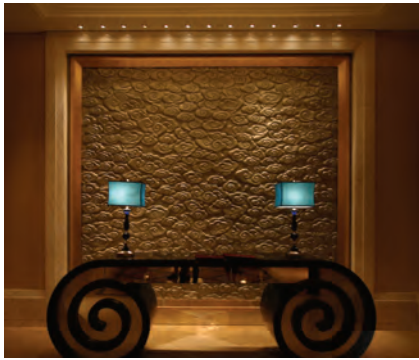
LED Drivers



LED Non-Dimming Drivers
LED35XX, LED70XX
Page 480



LED Dimming Drivers
LED35XXD, LED70XXD
Page 481

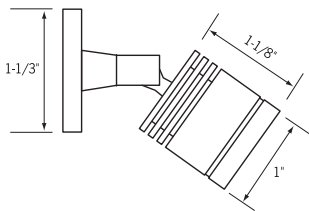


Our high output, high style LED fixtures offer extra long life, approximately 50,000 hours, depending on the surrounding temperatures. Perfect for display cases, these LEDs generate minimal heat and no UV or IR radiation.

Sirius fixtures are milled from solid brass and finished in hand-polished chrome (-C) or platinum (-PL). Sirius LED Fixtures must be used with a 350mA or 700mA secondary, UL Class II LED Driver (verify the operating current of the specific LED product before ordering the driver). Class II wiring is required. LED's must use serial connections only.

Con-Tech's line of LED accents provide superior versatility, color rendition and energy efficiency. Offering 1W, 3W or 9W configurations, adjustable or fixed housings, cool white or warm white color temperatures, and spot or flood distributions; we can provide the correct solution for lighting display cabinets, countertops, niches, or any task oriented lighting application.

SIRIUS 2W LED ACCENTS



BETA AB DS

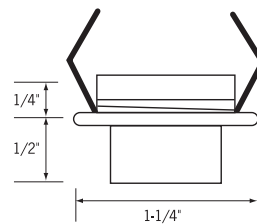
MSP555766 (C, PL)
2W Surface Mount
12° Reflector, 3000K

MSP555767 (C, PL)
2W Surface Mount
25° Reflector, 3000K

MSP555716 (C, PL)
2W Surface Mount
12° Reflector, 5500K

MSP555717 (C, PL)
2W Surface Mount
25° Reflector, 5500K

Length: 2-1/4"
Fixture Dia.: 1"
Base Dia.: 1-1/3"
Base Height: 3/16"

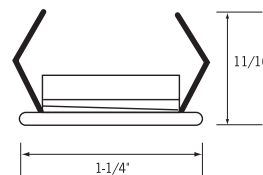


DIANA

MT30121 (C, PL)
2W Recessed Fixture
5500K

MT30126-PL
2W Recessed Fixture
3000K

Height from Surface: 1/2"
Fixture Dia.: 1-1/4"
Circle Cut: 1-7/64"
Max. Wall Thickness: 3/8"
Depth Beyond Surface:
Housing: 1/4"
Spring: 3/4"



MERKER

MT301 (C, PL)
2W Recessed Fixture
5500K

MT306 (C, PL)
2W Recessed Fixture
3000K

Height from Surface: 1/16"
Fixture Dia.: 1-1/4"
Circle Cut: 1-7/64"
Max. Wall Thickness: 3/8"
Depth Beyond Surface:
Housing: 1/4"
Spring: 3/4"

Specifications:

- 2W/350mA constant current
- Requires 350mA secondary Class II LED electronic driver
- 50,000 hour lamp life
- No infrared or ultraviolet radiation
- cULus listed, damp location
- Suitable for recessed or flush mount installations in cabinets, ceilings or walls

Finish Codes

C - Chrome

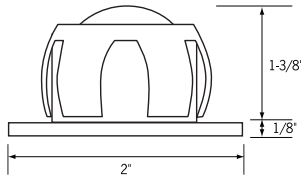
PL - Platinum

Sirius LED Accessories

See page 480-481 for driver information



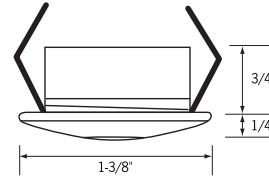
ERIS
SR2008-C
 5W Adjustable
 Recessed Fixture
 30° Beam Spread
 5500K



SR2009-C
 5W Adjustable
 Recessed Fixture
 30° Beam Spread
 3000K
 Height from Surface: 1/8"
 Fixture Dia.: 2"
 Circle Cut: 1-11/64"
 Max. Wall Thickness: 3/8"
 Depth Beyond Surface: 1-3/8"



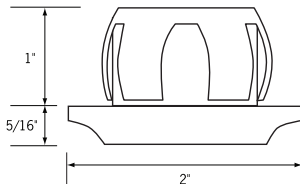
PLUTON
SR2004-PL
 5W Recessed Fixture
 20° Lens, White LED
SR2005-PL
 5W Recessed Fixture
 20° Lens, Blue LED



Height from Surface: 1/4"
 Fixture Dia.: 1-3/8"
 Circle Cut: 1-11/64"
 Max. Wall Thickness: 3/8"
 Depth Beyond Surface:
 Housing: 3/4"
 Spring: 45/64"



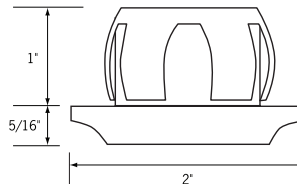
VENUS
SR2000-PL
 5W Recessed Fixture
 36° Beam Spread
 5500K



SR2001-PL
 5W Recessed Fixture
 36° Beam Spread
 3000K
 Height from Surface: 5/16"
 Fixture Dia.: 2"
 Circle Cut: 1-7/16"
 Max. Wall Thickness: 3/8"
 Depth Beyond Surface: 1"



VENUS
SR2002-PL
 5W Recessed Fixture
 20° Beam Spread
 5500K



SR2003-PL
 5W Recessed Fixture
 20° Beam Spread
 3000K
 Height from Surface: 5/16"
 Fixture Dia.: 2"
 Circle Cut: 1-7/16"
 Max. Wall Thickness: 3/8"
 Depth Beyond Surface: 1"

Specifications:

- 5W/700mA constant current
- Requires 700mA secondary Class II LED electronic driver
- 50,000 hour lamp life
- No infrared or ultraviolet radiation
- cCSAus certified, damp location
- Suitable for recessed or flush mount installations in cabinets, ceilings or walls

Finish Codes

C - Chrome

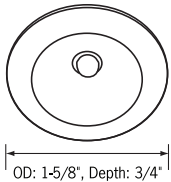
PL - Platinum

Sirius LED Accessories

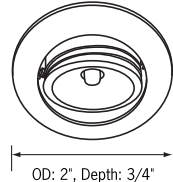
See page 480-481 for driver information



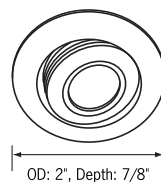
P1F-(CW, WW)
3W Round Flood
OD: 1-5/8"
Depth: 3/4"



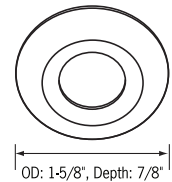
P1FA-(CW, WW)
3W Round Adjustable Flood
OD: 2"
Depth: 1"



P1SA-(CW, WW)
3W Round Adjustable Spot
OD: 2"
Depth: 1"



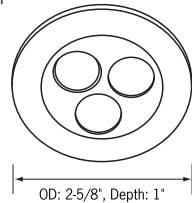
P1S-(CW, WW)
3W Round Spot
OD: 1-5/8"
Depth: 3/4"



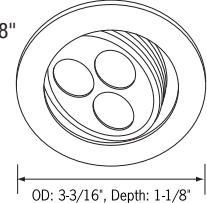
- Suitable for recessed or flush mount cabinet installations
- Not suited for ceiling or wall installations



P3-(CW, WW)*
6W Round
OD: 2-5/8"
Depth: 1"



P3A-(CW, WW)*
6W Adjustable Round
OD: 3-3/16"
Depth: 1-1/8"



- Suitable for recessed or flush mount installations in cabinets, ceilings or walls

Common Specifications:

- Die cast aluminum housing
- Spun aluminum trim
- Fixed or adjustable housings
- 1W models have two light distributions: 15° spot and 60° flood
- 3W models have three 1W 15° spots
- (2) Two color temperature options: Cool White and Warm White

- 50,000 hour lamp life
- No infrared or ultraviolet radiation
- cULus listed, damp location
- Class II, 350mA electronic driver provides power for the LED fixtures
- Lead length: 21" with plug-in connector

*6W versions rated for plenum spaces with Class II wiring
*See page 480-481 for driver information



Surface Collars
For Surface Mounting LED Accents

SC1-(S) for P1F and P1S

SC2-(S) for P1FA and P1SA

SC3-(S) for P3

SC4-(S) for P3A

LED Accent Light Accessories



PLE (2, 3, 6)
2, 3, or 6 lamp plug and play extension (only for undercabinet applications)



PLE-CL
Closed loop plug for odd lamp configurations (only for undercabinet applications)

18-2 SOL CL2P
18-2 Class II Plenum Wire (Sold in Foot Increments)

LED Colors

CW - Cool White

WW - Warm White

Surface Collar Finishes

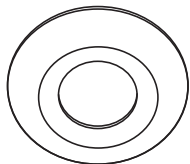
S - Silver



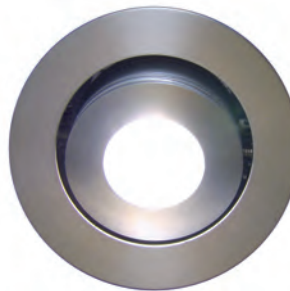
P31F-(CW, NW, WW)
5W Flood

OD: 1-5/8"
Depth: 1-7/16"

1-3/8" hole required



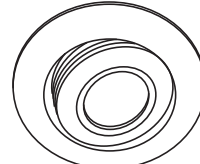
OD: 1-5/8", Depth: 1-7/16"



P31AF-(CW, NW, WW)
5W Adjustable Flood

OD: 2-1/8"
Depth: 1-1/2"

1-11/16" hole required

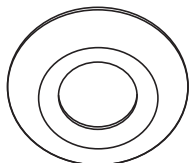


OD: 2-1/8", Depth: 1-1/2"

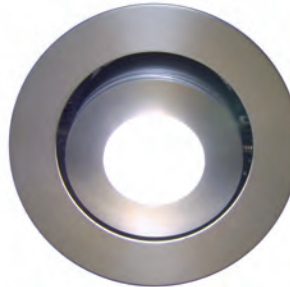


P31S-(CW, NW, WW)
5W Spot

OD: 1-5/8"
Depth: 1-7/16"

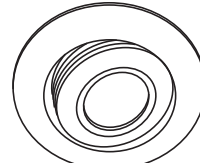


OD: 1-5/8", Depth: 1-7/16"



P31AS-(CW, NW, WW)
5W Adjustable Spot

OD: 2-1/8"
Depth: 1-1/2"



OD: 2-1/8", Depth: 1-1/2"

Specifications:

- Die cast aluminum housing
- Spun aluminum trim
- Fixed or adjustable housings
- Two light distributions available: 12° spot and 30° flood
- (3) Two color temperature options: Cool White, Neutral White, and Warm White
- 50,000 hour lamp life
- No infrared or ultraviolet radiation
- cCSAus certified, damp location
- Requires Class II, 700mA electronic driver provides power for the LED fixture
- Suitable for recessed or flush mount installations in cabinets, ceilings or walls
- Lead length: 18" with plug-in connector

*See page 480-481 for driver information

LED Accent Light Accessories



PLE (2, 3, 6)
2, 3, or 6 lamp plug and play extension (only for undercabinet applications)



PLE-CL
Closed loop plug for odd lamp configurations (only for undercabinet applications)

18-2 SOL CL2P
18-2 Class II Plenum Wire (Sold in Foot Increments)

LED Colors

CW - Cool White

NW - Neutral White

WW - Warm White

MAGNETIC MINIATURE ACCENTS



FP1-(B, SA, W)
Round

Max. Lamp: 20W
OD: 2-4/5"



FP2-(B, SA, W)
Round Baffle

Max. Lamp: 20W
OD: 2-4/5"



FP3-(B, SA, W)
Square

Max. Lamp: 20W
LxW: 2-4/5" x 2-4/5"



FP4-(B, SA, W)
Square Baffle

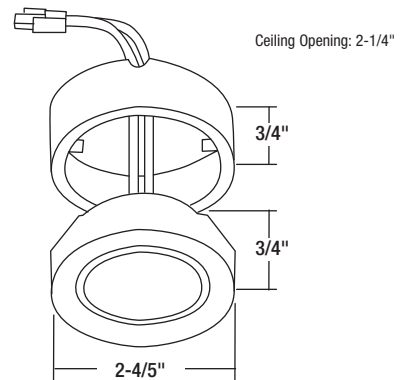
Max. Lamp: 20W
LxW: 2-4/5" x 2-4/5"

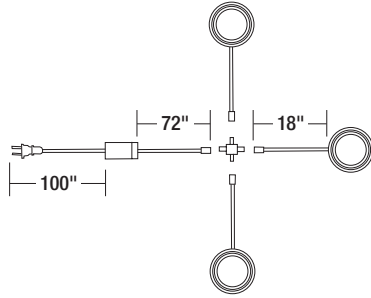
How to Order

Housing	Face	Finish	Options
P20	FP1	B	PC
	FP1 Round FP2 Round Baffle FP3 Square FP4 Square Baffle	B Black SA Satin Aluminum W White	PC Transformer, Cord with Plug, Switch with (3) plug and play adaptors LRT-181 Class II Branch Circuit Transformer (3) 60W circuits LRT-363 Class II Branch Circuit Transformer (6) 60W circuits LWX-(4M, 8M, 12M) 4', 8', or 12' extension cable with plug-in connectors; for use with PC transformer

Specifications:

- 20W (max.) G4 Bi-PIN Xenon (standard with fixture) lamp
- Steel housing and mounting clips
- Ceramic terminal block socket
- Fiber heat sink gasket
- For use with remote 120V/12V transformers (electronic or magnetic) see page 138-139 for selection
- cULus listed, damp location
- Extruded aluminum surface mount collars and faceplates
- Magnetic tool free fasteners for faceplate
- Shatter resistant frosted glass lens
- Quick connect adaptors
- Provided with surface collar (for surface mounting)
- Fully dimmable
- Suitable for recessed or flush mount cabinet installations. Not suited for ceiling or wall installations





Kit shown with Round Recessed FP1-W

Specifications:

- Kit includes (3) fixtures and (1) PC
- PC includes class II in-line 60W electronic transformer, cord, plug, switch, and a (3) terminal round hub for fixture connection
- Fully dimmable
- 20W (max.) G4 Bi-PIN Xenon (standard with fixture) lamp

How to Order Magnetic Miniature Accent Kits

Housing	Face	Finish
KP20	FP2	SA
	FP1 Round	B Black
	FP2 Round Baffle	SA Satin Aluminum
	FP3 Square	W White
	FP4 Square Baffle	

METAL PUCK ACCENTS (NON-MAGNETIC)
FLUSH MOUNT UNDERCABINET LIGHT

Specifications:

- 20W (max.) Bi-PIN Halogen lamp (included)
- Shatter resistant frosted glass lens
- Metal style fixture
- Optional surface mounting ring
- 6"L Lead with plug-in amp connector
- Fully dimmable with standard incandescent dimming control
- For use with remote 120V/12V transformers (electronic or magnetic)
- cULus listed, damp location
- Kit includes (3) fixtures and Class II 60W transformer, cord, plug and switch
- Suitable for recessed or flush mount cabinet installations. Not suited for ceiling or wall installations



LV2-6-C

6S-C

How to Order Metal Puck Accents (Non-Magnetic)

Housing	Finish
LV2-6	C
LV2-6 Single Puck	B Black
KLV2-6 3 Puck Kit	C Chrome
	W White

Options for LV2-6 and KLV2-6 Only

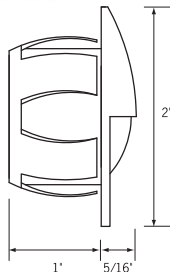
20T3	
10T3	10W T3 JC Replacement Lamp
20T3	20W T3 JC Replacement Lamp
LWX-(4, 8, 12)	4', 8' or 12' Extension Cable with Plug-in AMP Connectors
LWXS-(4, 8, 12)	4', 8' or 12' Extension with Transformer Side (Only) AMP Connectors
LWXT-(4, 8, 12)	4', 8' or 12' Extension; LV2 for LRT181
6S-(B, C, P)	Optional surface mounting ring

LED MARKER LIGHTS



SMILE
SR2006-(C, PL)
5W Step Light

Height from Surface: 5/16"
Fixture Dia.: 2"
Circle Cut: 1-7/16"
Max. Wall Thickness: 3/8"
Depth Beyond Surface: 1"



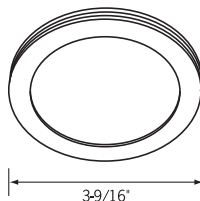
Specifications:

- 5W/700mA constant current
- Requires 700mA secondary Class II LED electronic driver
- 50,000 hour lamp life
- No infrared or ultraviolet radiation
- cCSAus certified, damp location
- Suitable for recessed or flush mount installations in cabinets, ceilings or walls



P1LR-(A, B, CW, G, R)
1W Round Marker

OD: 3-9/16"
Depth: 2"



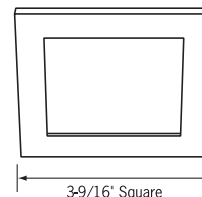
Specifications:

- Die cast aluminum housing
- Sandblasted glass lens
- 1-1/2" deep recessed housing
- 1W White or color LED options
- 50,000 hour lamp life
- No infrared or ultraviolet radiation



P1SQ-(A, B, CW, G, R)
1W Square Marker

OD: 3-9/16" x 3-9/16"
Depth: 1-13/16"



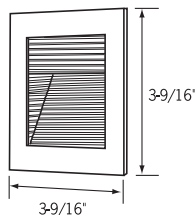
- Requires class II, 350mA electronic driver provides power for the LED fixtures
- cULus listed, damp location
- Suitable for recessed or flush mount installations in cabinets, ceilings or walls

LED STEP LIGHTS



P1ST-(CW, WW, B)
1W Square Step Light

OD: 3-9/16" x 3-9/16"
Depth: 1-13/16"



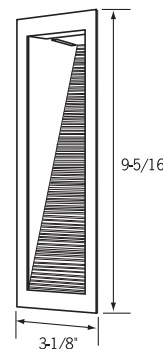
Specifications:

- Die cast aluminum housing for the square step
- Steel for the rectangular step
- Corrugated steel reflector
- Sandblasted glass lens on rectangular step
- 1-1/2" deep recessed housing for the square step
- 3" deep recessed housing for the rectangular step



P1RC-(CW, WW, B)
1W Rectangular Step Light

OD: 9-5/16" x 3-9/16"
Depth: 2-7/8"



- 1W White or Blue LED options
- 50,000 hour lamp life
- No infrared or ultraviolet radiation
- Requires Class II, 350mA electronic driver provides power for LED fixtures
- cULus listed, damp location
- Suitable for recessed wall applications

LED Accessories



P1TR
Cove trim accessory for P1LR
(brushed aluminum finish)



Drivers
See page 468-469 for driver information

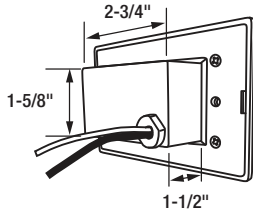
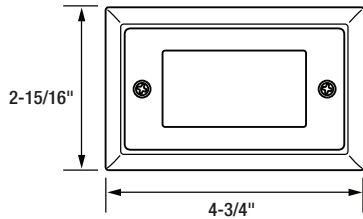
18-2 SOL CL2P
18-2 Class II Plenum Wire
(Sold in Foot Increments)

Finish Codes

C - Chrome **PL** - Platinum

LED Colors

A - Amber **B** - Blue **R** - Red
CW - Cool White **G** - Green **WW** - Warm White



Specifications:

- Interior and exterior compact LED step lights available in five faceplate designs and three finishes
- Integral driver design provides easy installation with no need for remote drivers
- 120V
- UL listed / IP65 rated
- Compact size for easy installation into standard 2" x 4" junction box

Faceplate Options



STPXXLH-NK
Horizontal Louver



STPXXVH-NK
Horizontal Visor



STPXXLS-BR
Lens
Shown in horizontal orientation



STPXXLV-BR
Vertical Louver



STPXXVV-P
Vertical Visor

How to Order

Housing	+	LED Temperature	+	Faceplate	-	Finish	=	
STPL		WW		LH		NK		STPLWWLH-NK

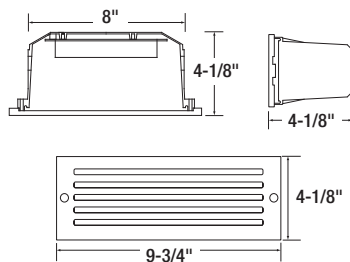
WW 3000K
AM Amber

LH Louver Horizontal
LV Louver Vertical
VH Visor Horizontal
VV Visor Vertical
LS Lens (Horizontal or Vertical)

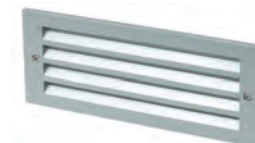
P White
BR Bronze
NK Brushed Nickel

COMPACT FLUORESCENT ACCENT STEP LIGHT

WITH FACEPLATE



FP-G Grill Face Plate



FP-L Louver Face Plate



FP-O Open Face Plate

Specifications:

- Aluminum housing and cast aluminum face plates
- 8" x 3-1/2" aperture size
- Designed for interior or exterior applications
- Drywall or block mounting
- Tempered glass lens
- Through wiring with (2) 1/2" knockouts
- Trims feature tamper proof screws
- Electronic, rapid start, single wattage ballast with high power factor, 120V or 277V
- Class P thermally protected
- Surge protected, meets ANSI C62.41
- Sound rating: A
- Max. lamp: (1) 13W DTT or TRT, 4-PIN, G24Q-1 or GX24Q-1 base
- Max input (13W) current: @120V (.13A); 277V (.05A)

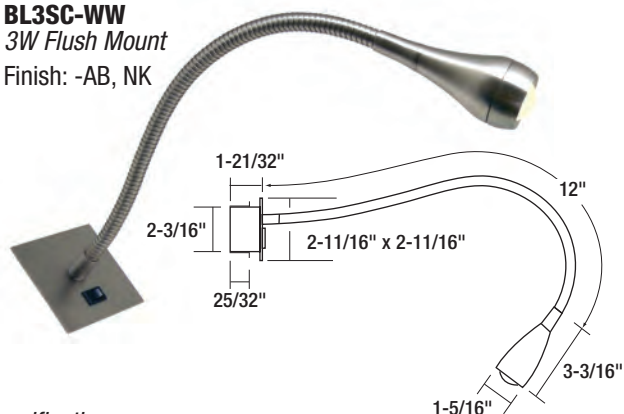
How to Order

Housing	Voltage	Face	Finish
STP13	277V	FP-G	B
	Leave Blank (120 volt) 277V (277 volt)	FP-G Grill Face Plate FP-L Louver Face Plate FP-O Open Face Plate	B Black P White S Silver

LED BEDLIGHTS



BL3SC-WW
3W Flush Mount
Finish: -AB, NK



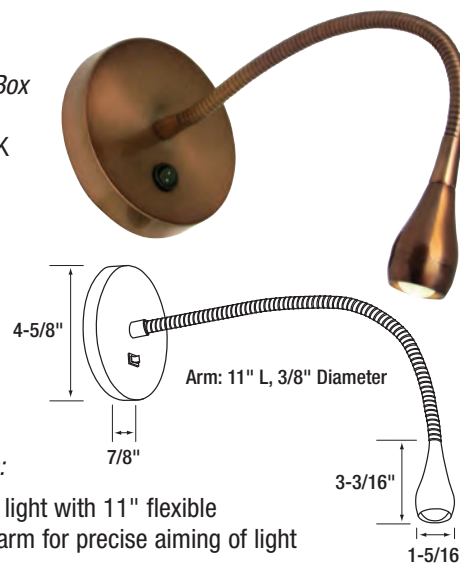
Specifications:

- Superior versatility, color rendering & efficiency
- Die cast faceplate and head. Heavy duty articulated metal arm.
- ADA toggle switch
- Can be mounted into furniture and head boards. Fixture recesses into the furniture. Includes a bracket for rear mounting.
- Resistant to shock and vibration .
- 700mA constant current driver, cord and plug included. Primary voltage 100-240V, 50/60Hz.
- Finishes available in Antique Bronze (-AB) and Brushed Nickel (-NK).

LED Colors

WW - Warm White

BL3JM-WW
3W Junction Box Mount
Finish: -AB, NK



Specifications:

- LED display light with 11" flexible gooseneck arm for precise aiming of light
- Ideal for bedlight applications where a tightly focused, nondisruptive light source is required
- Designed for Junction Box Wall Mount applications
- Decorative round canopy with ADA compliant on/off switch
- 700mA constant current driver (included) is mounted to wall mount bracket.
- Energy efficient, warm white LED provides ideal light output and CRI without IR or UV radiation
- Finishes available in Antique Bronze (-AB) and Brushed Nickel (-NK).

Fixture Finish Codes

AB - Antique Bronze

NK - Brushed Nickel



Con-Tech LED Tapelight offers an excellent way to add accent and task lighting to any project. You can accent architecture, trim casework or add task lighting to make your space more beautiful and productive than ever. This low profile system offers a sustainable solution that features even light uniformity, color consistency and simple installation. This system is CSA certified to UL standards.

- White light, single colors and color changing RGB
- Standard and high output white light
- Plug-and-play connectors
- Field cut-table
- Dimmable
- DMX512 Compatible
- Low Profile
- Uniform light distribution
- Energy efficient
- No infrared or ultraviolet radiation
- RoHS Compliant
- cCSAus Certified
- Damp location listed
- Two warranty options:
 - Five (5) year replacement guarantee when tapelight is installed using the aluminum mounting channel;
 - Three (3) year replacement guarantee when installed without the aluminum mounting channel

STANDARD OUTPUT LED TAPELIGHT



TLT12V1

12V DC, Damp Location Listed

of LEDs: 18 Per FT

Total Input Watts: 1.2W/FT

Specifications:

- Standard Output Tapelight is available in 3000K (warm white), 4000K (neutral white), 6000K (cool white), Blue, Green, Red and Yellow, dimmable using any of the TL series dimming controls

How to Order

Tapelight	Color Temp	Length/Quantity
TLT12V1	B	12R
3K 3000K	B Blue	4 4' Individual Segment
4K 4000K	G Green	4R 20' Reel of 4' Segments (60 Pieces Total)
6K 6000K	R Red	12 12" Individual Segment
	Y Yellow	12R 20' Reel of 12" Segments (20 Pieces Total)

HIGH OUTPUT LED TAPELIGHT



TLT12V2

12V DC, Damp Location Listed

of LEDs: 18 Per FT

Total Input Watts: 1.8W/FT

Specifications:

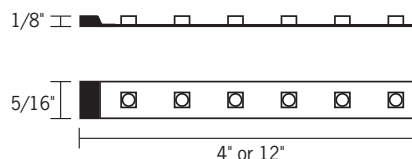
- High Output tapelight series is available in three color temperatures including 3000K (warm white), 4000K (neutral white) and 6000K (cool white), dimmable using any of the TL series dimming controls

How to Order

Tapelight	Color Temp	Length/Quantity
TLT12V2	3K	12R
3K 3000K		4 4" Individual Segment
4K 4000K		4R 20' Reel of 4' Segments (60 Pieces Total)
6K 6000K		12 12" Individual Segment
		12R 20' Reel of 12" Segments (20 Pieces Total)

Common Specifications:

- High quality LEDs provide excellent luminous intensities at low drive currents resulting in low power consumption, low heat and consistent, stable performance
- Plug and play system features a wide range of power supplies, controllers and connectors; system is easy to install with no need for field soldering
- Available in 20' reels of connected, individual 12" or 4" segments; tapelight can also be purchased in individual segments
- Each segment includes male and female connector ends for continuous linear installations
- Each 12" segment can also be cut in 2" increments to provide optimal fit and flexibility for any installation
- Easy to install using the 3M double sided adhesive on each segment; tape can be directly mounted to most surfaces
- For additional thermal heatsinking, protection of the LEDs and an overall cleaner aesthetic, using the TLACH6 aluminum mounting channel is recommended
- Five (5) year replacement guarantee when tape light is installed using the aluminum mounting channel; Three (3) year replacement guarantee when installed without the aluminum mounting channel
- cCSAus Certified. Suitable for dry or damp locations; not suitable for wet locations.



Plug-In Power Supplies and Accessories



TLP12VP24
24W Plug-and-Play Power Supply
120VAC/12VDC. Includes AC wall plug and female power output plug for easy installation. Plug-in unit measures 3-1/4" L x 1-3/4" W x 1-1/4" D; system length: 6'.



TLP12VP36
36W Desktop Plug-and-Play Power Supply
120VAC/12VDC. Includes AC wall plug and female power output plug for easy installation. Desktop unit: 4" L x 2" W x 1-1/4" D; system length: 10'.



TLCEXT48 - 48" TLCEXT96 - 96"
Plug-and-Play Power Supply Extension
Includes male and female plug connectors.



TLCS2
Plug-and-Play 2-Way Splitter
Includes (1) male and (2) female connectors. Approximately 2' long.



TLCS3
Plug-and-Play 3-Way Splitter
Includes (1) male plug connector and (3) female plug connectors. Approximately 2' long.



TLCIP12 - 12" TLCIP19 - 19"
Input Power Connector
Includes (1) male plug connector and (1) male flex tape connector.



TLCOP12
Output Power Connector
Includes (1) male plug connector and (1) female flex tape connector; 12".

Controllers



TLPINT
DMX 512 CV Decoder
Designed to convert universal DMX 512 signal to PWM signal when used with a DMX 512 console (by others). Can control single color or RGB LEDs. 6-3/16" L x 3-1/8" W x 1-5/8" D.



TLPRPT
LED Power Repeater
Enables synchronized control of multiple runs from one controller.
4-3/4" L x 1-1/2" W x 1-1/2" D.



TLPDIM10V
0-10V Dimming Module
For use with standard 0-10V dimmers. Dimming down to 15%.
4-3/4" L x 1-1/2" W x 1-1/2" D.



TLPDIMWP
Wall Plate Dimmer
Allows adjustment of the brightness of the LEDs using the knob adjustment or the IR remote control. 3-7/16" square x 2-1/4" deep. Dimming down to 1%.

Hardwire Power Supplies and Accessories



TLP12VHW20
20W; 4-3/4" L x 1-3/16" W x 1" D
TLP12VHW60
60W; 6-1/2" L x 1-3/4" W x 1-1/4" D
Hardwire Power Supply
120VAC/12VDC. Includes stripped and tinned wire pigtailed on the input and output sides. Must be maintained within an enclosure that meets local building codes and NEC (supplied by others). 2' Wire leads.



TLCIP12HW - 12" TLCIP19HW - 19"
Input Power Connector
Includes wire pigtail end and (1) male flex tape connector.



TLCOP12HW
Output Power Connector
12" Hardwire output power connector. Includes wire pigtail end and (1) female flex tape connector.



TLCCF
Female Connector
6" Connector includes a wire pigtail end and a female plug connector on the other end. Used to add plug and play female connector to hardwire power supplies.



TLCCM
Male Connector
6" Connector includes a wire pigtail end and a male plug connector on the other end. Used for easy plug in connection to plug and play power supply and wire end can be connected to RGB controller at the screw terminals.

Linear Connectors

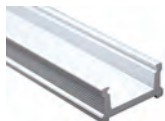


TLCM6 - 6" TLCM12 - 12"
Bridge Connector
Bridges gap(s) where LEDs are not necessary.

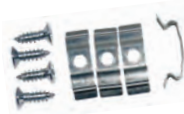


TLCX
Cross Connector
Connects up to four (4) TLT segments. May be cut to create 2-way "L" connection or 3-way "T" connection.

Mounting Accessories



TLACH6
Aluminum Mounting Channel
Provides excellent heat sinking and protection to the LEDs while ensuring a clean, straight run. 6' L x 1/2" W x 1/4" T.



TLACL4
Mounting Clips
(4) clips and (4) Philips head screws per package. 24" between clips recommended for most applications.



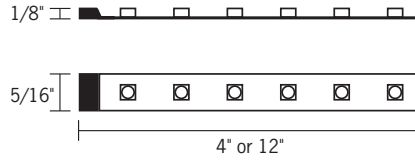
TLAFL6
Acrylic Diffusion Lens
For use with TLACH6. Provides extra protection for the LEDs as well as diffusion to reduce glare. 6' L x 1/2" W.



TLT12V1

12V DC, Damp Location Listed

of LEDs: 18 Per FT
Total Input Watts: 3.9W/FT



Specifications:

- LEDs with individual Red, Green and Blue diodes in each, can be programmed to mix and produce many colors of the visible spectrum
- Excellent luminous intensities at low drive currents resulting in low power consumption, low heat and consistent, stable performance
- Plug and play system features a wide range of power supplies, controllers and connectors; system is easy to install with no need for field soldering
- RGB Series tapelights can be programmed for various color changing effects as well as smooth dimming using the TL Series RGB dimming controls
- Available in 20' reels of connected, individual 12" or 4" segments; tapelight can also be purchased in individual segments; each segment includes male and female connector ends for continuous linear installations
- Each 12" segment can also be cut in 4" increments to provide optimal fit and flexibility for any installation
- Easy to install using the 3M double sided adhesive on each segment; tape can be directly mounted to most surfaces
- For additional thermal heatsinking, protection of the LEDs and an overall cleaner aesthetic, using the TLACH6 aluminum mounting channel is recommended
- Five (5) year replacement guarantee when tape light is installed using the aluminum mounting channel; Three (3) year replacement guarantee when installed without the aluminum mounting channel
- cCSAus Certified. Suitable for dry or damp locations; not suitable for wet locations.

How to Order

Tapelight	Color Temp	Length/Quantity
TLT12V1	RGB	12R
	RGB RGB Color Changing	4 4" Individual Segment
		4R 20' Reel of 4' Segments (60 Pieces Total)
		12 12" Individual Segment
		12R 20' Reel of 12" Segments (20 Pieces Total)



Plug-In Power Supplies and Accessories



TLP12VP24
24W Plug-and-Play Power Supply
120VAC/12VDC. Includes AC wall plug and female power output plug for easy installation. Plug-in unit measures 3-1/4" L x 1-3/4" W x 1-1/4" D; system length: 6'.



TLP12VP36
36W Desktop Plug-and-Play Power Supply
120VAC/12VDC. Includes AC wall plug and female power output plug for easy installation. Desktop unit: 4" L x 2" W x 1-1/4" D; system length: 10'.



TLCEXT48 - 48" TLCEXT96 - 96"
Plug-and-Play Power Supply Extension
Includes male and female plug connectors.



TLC2S
Plug-and-Play 2-Way Splitter
Includes (1) male and (2) female connectors. Approximately 2' long.



TLC3S
Plug-and-Play 3-Way Splitter
Includes (1) male plug connector and (3) female plug connectors. Approximately 2' long.

Controllers and Accessories



TLPRGBRF
RGB Controller with RF Remote Control
12V/24V. Pre-programmed functions include: color strobe, 3-channel color change and gradual brightness change. Includes two (2) programmable presets.
8-3/8" L x 1-5/8" W x 1-3/16" D.



TLPRPT
LED Power Repeater
Enables synchronized control of multiple runs from one controller.
4-3/4" L x 1-1/2" W x 1-1/2" D.



TLPINT
DMX 512 CV Decoder
Designed to convert universal DMX 512 signal to PWM signal when used with a DMX 512 console (by others). Can control single color or RGB LEDs. 6-3/16" L x 3-1/8" W x 1-5/8" D.

Hardwire Power Supplies and Accessories



TLP12VHW20
20W; 4-3/4" L x 1-3/16" W x 1" D
TLP12VHW60
60W; 6-1/2" L x 1-3/4" W x 1-1/4" D
Hardwire Power Supply
120VAC/12VDC. Includes stripped and tinned wire pigtailed on the input and output sides. Must be maintained within an enclosure that meets local building codes and NEC (supplied by others). 2' Wire leads.



TLCIP12HWRGB - 12"
Input Power Connector
Includes wire pigtail end and (1) male flex tape connector. Use with RGB Controller, LED Power Repeater and DMX 512 CV decoder.



TLCOP12HWRGB - 12"
Output Power Connector
Includes wire pigtail end and (1) female flex tape connector. Use with RGB Controller, LED Power Repeater and DMX 512 CV decoder.



TLCCF
Female Connector
6" Connector includes a wire pigtail end and a female plug connector on the other end. Used to add plug and play female connector to hardwire power supplies.



TLCCM
Male Connector
6" Connector includes a wire pigtail end and a male plug connector on the other end. Used for easy plug in connection to plug and play power supply and wire end can be connected to RGB controller at the screw terminals.

Linear Connectors

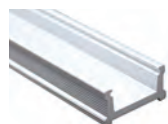


TLCM6 - 6" TLCM12 - 12"
Bridge Connector
Bridges gap(s) where LEDs are not necessary.



TLCX
Cross Connector
Connects up to four (4) TLT segments. May be cut to create 2-way "L" connection or 3-way "T" connection.

Mounting Accessories



TLACH6
Aluminum Mounting Channel
Provides excellent heat sinking and protection to the LEDs while ensuring a clean, straight run. 6' L x 1/2" W x 1/4" T.



TLACL4
Mounting Clips
(4) clips and (4) Philips head screws per package. 24" between clips recommended for most applications.



TLAFL6
Acrylic Diffusion Lens
For use with TLACH6. Provides extra protection for the LEDs as well as diffusion to reduce glare. 6' L x 1/2" W.

Power Supply/Distance Chart

CON-TECH POWER SUPPLY INPUT VOLTAGE: 12V DC			STANDARD OUTPUT WATTS PER FOOT: 1.2		HIGH OUTPUT WATTS PER FOOT: 1.8		RGB WATTS PER FOOT: 3.9	
MODEL NO.	TYPE	WATTAGE	MAX SYSTEM ¹	MAX LOAD ²	MAX SYSTEM ¹	MAX LOAD ²	MAX SYSTEM ¹	MAX LOAD ²
TLP12VP24	Plug-In	24W	30 ft.	20 ft.	30 ft.	13 ft.	20 ft.	6 ft.
TLP12VP36	Plug-In	36W	30 ft.	30 ft.	30 ft.	20 ft.	20 ft.	9 ft.
TLP12VHW20	Hardwire	20W	30 ft.	16.5 ft.	30 ft.	11 ft.	20 ft.	5 ft.
TLP12VHW60	Hardwire	60W	30 ft.	50 ft. ³	30 ft.	33.3 ft. ³	20 ft.	15.4 ft.

1. Distance from first LED tape section to end of LED tape run. Exceeding this length may result in inconsistent light output from beginning to end of the LED tape run.
2. Overall distance of LED tape under load [illuminated sections]. If exceeded damage to the power supply and LED tape may result.
3. If maximum load run exceeds maximum system run, multiple runs from power supply may be employed as long as maximum load run is not exceeded.

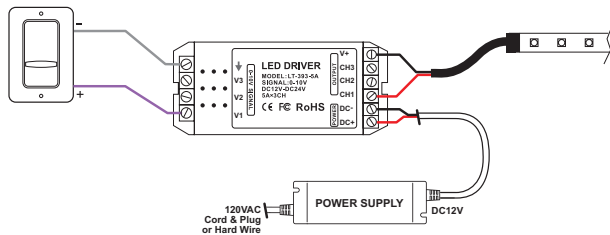
POWER SUPPLY WIRING CHART (Copper Wire)

Wire Gauge	20	18	16	14	12
Distance*	6 ft.	10 ft.	15 ft.	23 ft.	40 ft.

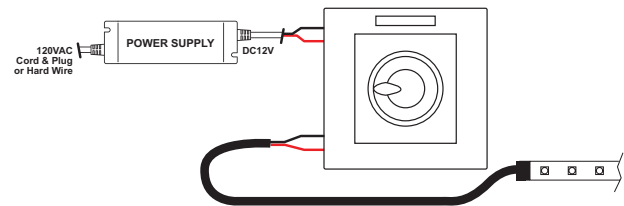
*Power Supply to First LED Tape Section

Tapelight Dimming

Con-Tech LED Tapelight is dimmable utilizing either the TLPDIM10V Dimming Module or the TLPDIMWP Wall Mount Dimmer.



- The 0-10V Dimming Module (TLPDIM10V) is designed for use with commercially available 0-10V dimmers. 0-10V dimmers are commonly used for LED lighting systems due to their fine performance and reliability. Compatible with quality 0-10V dimmers, this module will dim down to 15%.



- The Wall Mount Dimmer (TLPDIMWP) contains on-board dimming capabilities and dims down to 0%. It has an attractive appearance that blends with most decors and requires no junction box to mount.

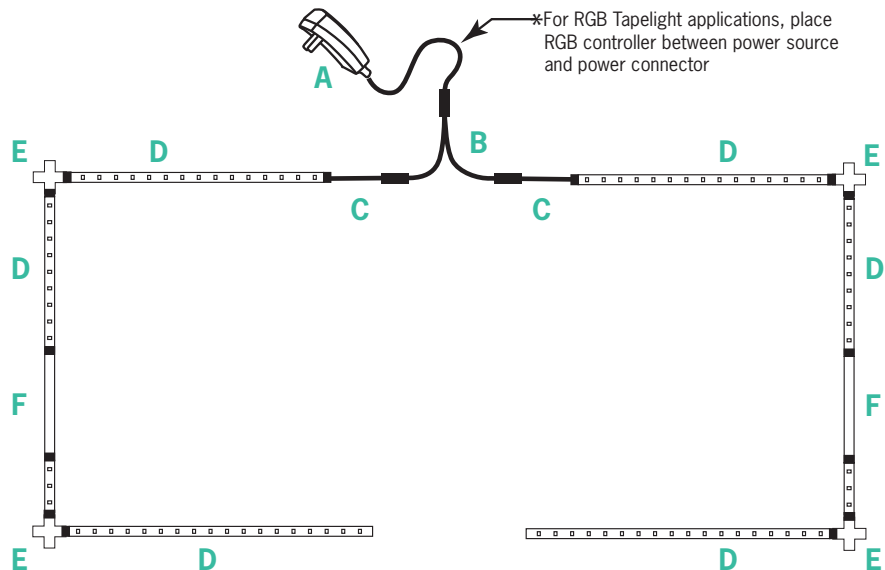
Plug-In Power Supply Layout

To easily create your Con-Tech LED Tapelight design, simply do the following:

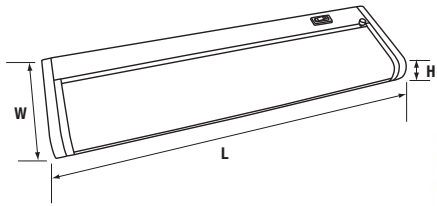
1. Determine the length(s) of the run
2. Select the appropriate driver
3. Pick the correct connectors to complete your system!

To optimize performance, it is recommended to locate the power supply in the center of your Tapelight design.

- A Plug-In Power Supply
- B Plug-and-Play 2-Way Splitter
- C Input Power Connector
- D Tapelight Section
- E Cross Connector
- F Bridge Connector



Note: See page 518 for Tapelight Photometric Data

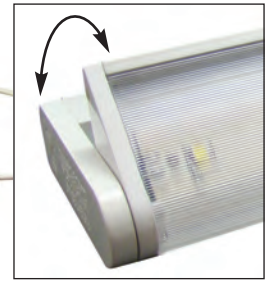


Specifications:

- 4W or 8W LED strip in warm white
- 180° aiming
- Integral 350mA constant current driver
- Plug and Play operation (see page 469)
- 6' polarized 2-prong cord included
- Optional remote hardwire box
- Extruded aluminum housing
- Acrylic snap-in lens with linear diffusion grooves
- cULus Listed for dry location



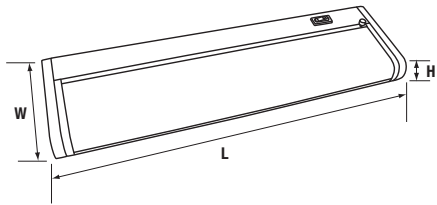
ULED4-WW



180° Pull-down Aiming

MODEL	LAMP	L	W	H
ULED4-WW	4W LED Strip	13-1/8"	3-1/2"	1-1/8"
ULED8-WW	8W LED Strip	24-3/8"	3-1/2"	1-1/8"

LINEAR FLUORESCENT ACCENTS



Specifications:

- 180° aiming
- 120V Rapid Start Electronic Ballast
- Plug and Play operation
- Optional remote hardwire box
- Extruded aluminum housing
- Acrylic snap-in lens with linear diffusion grooves
- cULus Listed for dry location
- Lamp provided (4100K), additional lamp color temperatures available, consult factory

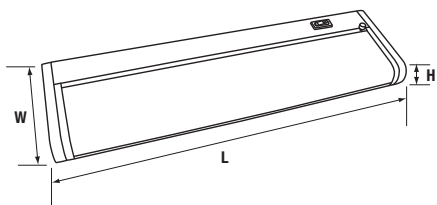


UF208-P



180° Pull-down Aiming

MODEL	LAMP	L	W	H
UF208	8WT5	12-1/2"	3-5/8"	1-1/8"
UF213	13WT5	21-3/8"	3-5/8"	1-1/8"
UF221	21WT5	35-3/8"	3-5/8"	1-1/8"
UF228	28WT5	47-1/8"	3-5/8"	1-1/8"



Specifications:

- 120V Rapid Start Electronic Ballast
- Plug and Play operation
- Optional remote hardwire box
- Extruded aluminum housing
- Acrylic snap-in lens with linear diffusion grooves
- cULus Listed for dry location
- Lamp provided (4100K), additional lamp color temperatures available, consult factory



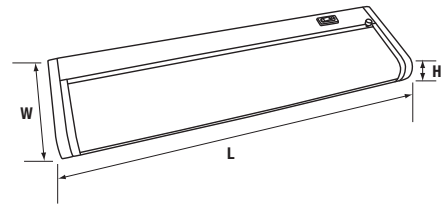
UF113-P

MODEL	LAMP	L	W	H
UF108	8WT5	12-3/8"	2-3/8"	7/8"
UF113	13WT5	21-3/8"	2-3/8"	7/8"
UF121	21WT5	35-3/8"	2-3/8"	7/8"
UF128	28WT5	47-1/8"	2-3/8"	7/8"

LINEAR FLUORESCENT ACCENTS



UCV108-P



Specifications:

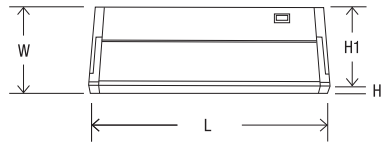
- 120V Rapid Start Electronic Ballast
- 3-wire cord and plug (*not included*)
- Plug and Play operation
- Optional remote hardwire box
- Extruded aluminum housing
- Acrylic snap-in lens with linear diffusion grooves
- cULus Listed for dry location
- Lamp provided (4100K)
- Mounting clips required

MODEL	LAMP	L	W	H	UL MAX NUMBER OF FIXTURES CONNECTED
UCV108	8WT5	13"	1"	1-5/8"	20
UCV113	13WT5	22"	1"	1-5/8"	12
UCV121	21WT5	35-1/8"	1"	1-5/8"	9
UCV128	28WT5	47"	1"	1-5/8"	7

XENON / HALOGEN LINEAR LINE



UX220-P



MODEL	L (Length)	W (Width)	H1 (Max. Height)	H2 (Min. Height)
UX120	9-1/4"	5"	1-1/8"	3/4"
UX220	13-1/4"	5"	1-1/8"	3/4"
UX320	22-1/4"	5"	1-1/8"	3/4"

Common Specifications:

- Instant On
- Low voltage Xenon or Halogen, 12V, UX Series
- Line voltage Halogen, 120V, UH Series
- Easy Plug and Play connection (*see page 469*)
- Direct wire option with up to 6 knock outs
- 1, 2 and 3 lamp configurations
- 2 levels of illumination: High, Low, and Off
- Diffuse tempered glass lens
- Captive lens for easy relamping
- Easy installation with screws furnished
- Lamps provided
- 3PC power cord provided (*see page 469*)

20W max. Xenon Bi-PIN lamp(s)

Halogen Low Voltage lamps (optional)

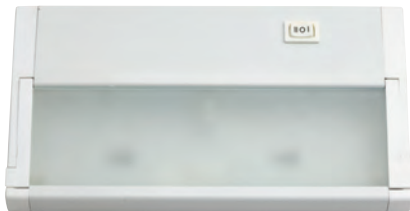
Low Voltage

UX _____ 20- _____
 1 - 1 Lamp **B** - Black
 2 - 2 Lamp **P** - White
 3 - 3 Lamp

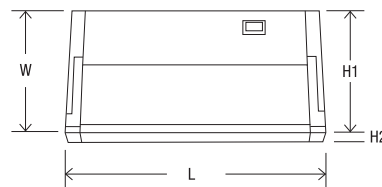
25W max. Bi-PIN Halogen
 Line Voltage lamp(s)

Line Voltage

UH _____ 25- _____
 1 - 1 Lamp **B** - Black
 2 - 2 Lamp **P** - White
 3 - 3 Lamp

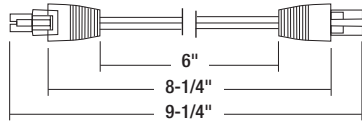


UH125-P

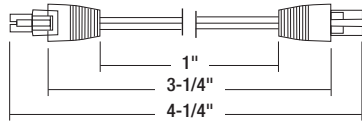


MODEL	L (Length)	W (Width)	H1 (Max. Height)	H2 (Min. Height)
UH125	9-1/4"	5"	1-1/8"	3/4"
UH225	13-1/4"	5"	1-1/8"	3/4"
UH325	22-1/4"	5"	1-1/8"	3/4"

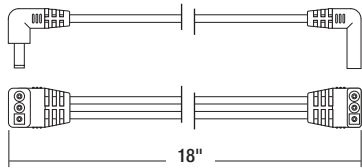
3-wire UCV, UX and UH Series



3PP2



3PP3

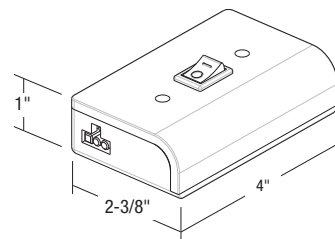


3PP90



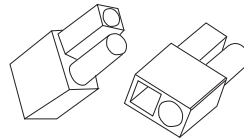
3 PC Powercord

72"



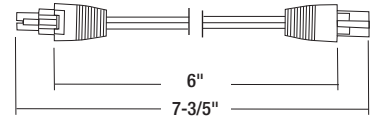
SMJ3

2-wire UF100, UF200, and ULED Series

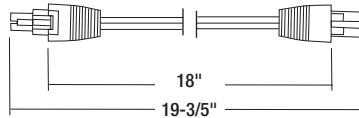


PP1

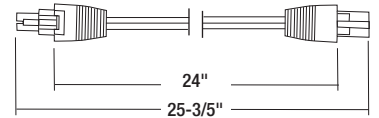
L x W x H: 4/5" x 1/5" x 2/5"
OL Connected: 4/5"
Space Between Fixtures: 1/10"



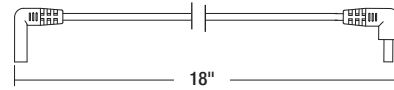
PP2



PP3



PP4



PP90

**Only for use with the UF100, UF200, and ULED4/ULED8 Series.*



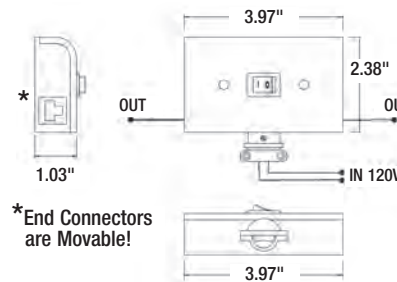
SMJ Junction Box



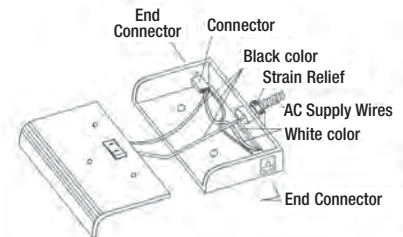
SMJ-P

L x W x H: 4" x 2.4" x 1"

SMJ Hardwire Connection



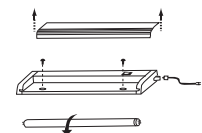
**End Connectors are Movable!*



Applications



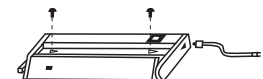
UF100 in End-to-End Connection



Easy Lamp Removal



UF200 in End-to-End Connection



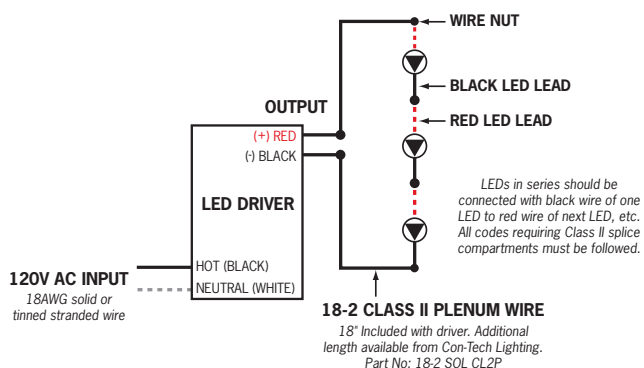
Easy Installation

LED ACCENT LIGHTING NON-DIMMING DRIVERS

Because LEDs operate at a lower current than traditional light sources, most LED fixtures must be powered by an LED driver. When selecting a driver, follow these steps:

1. First verify the appropriate current (typically 350mA or 700mA)
2. Next select a driver with enough usable power for the fixtures you've selected.

MODEL	OUTPUT CURRENT	WATTAGE RANGE	INPUT VOLTAGE	MAX. MOUNTING DISTANCE	LENGTH	WIDTH	HEIGHT
LED3503	350mA	1.0W – 3.2W	100-240V	65-1/2'	2"	1-5/8"	7/8"
LED3512	350mA	1.0W– 11.5W	120V	108'	5-1/4"	7/8"	7/8"
LED3513	350mA	6.3W – 12.6W	100-240V	65-1/2'	6-5/8"	1-5/8"	1-1/4"
LED3518	350mA	10.5W – 18.9W	100-240V	65-1/2'	4-1/8"	2-3/4"	1-1/4"
LED7003	700mA	2.0W – 3.5W	100-240V	65-1/2'	2"	1-5/8"	7/8"
LED7012	700mA	5.6W – 12.6W	100-240V	65-1/2'	6-5/8"	1-5/8"	1-1/4"
LED7017	700mA	2.0W – 16.8W	120V	108'	5-1/4"	7/8"	7/8"
LED7018	700mA	8.4W – 18.9W	100-240V	65-1/2'	4-1/4"	2-3/4"	1-1/4"



Specifications:

- Drivers provide constant 350mA or 700mA output
- DC constant current output
- Serial connection required from fixture to fixture
- Short-circuit protection
- Meets cULus, CSA and FCC requirements. UL recognized.
- Class II LED drivers must be maintained within an enclosure that meets local building codes and NEC
- For additional configurations, consult factory



LED3503
3W, 350mA Driver

LED7003
3W, 700mA Driver



LED3512
12W, 350mA Driver
(Usable 9.6W)

LED7017
17W, 700mA Driver
(Usable 12.75W)



LED3513
12W, 350mA Driver

LED7012
12W, 700mA Driver



LED3518
18W, 350mA Driver

LED7018
18W, 700mA Driver

LED Driver Accessories

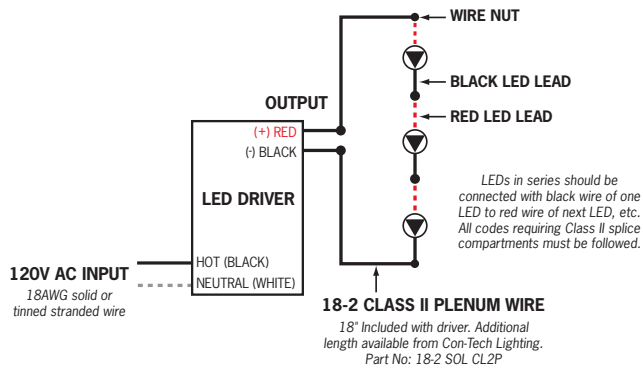
18-2 SOL CL2P

18-2 Class II Plenum Wire (Sold in Foot Increments)

Because LEDs operate at a lower current than traditional light sources, most LED fixtures must be powered by an LED driver. When selecting a driver, follow these steps:

1. First verify the appropriate current (typically 350mA or 700mA)
2. Next select a driver with enough usable power for the fixtures you've selected.

MODEL	OUTPUT CURRENT	WATTAGE RANGE	INPUT VOLTAGE	MAX. MOUNTING DISTANCE	LENGTH	WIDTH	HEIGHT
LED3518D	350mA	2.0W – 14.7W	120V	65'	7-3/4"	1-3/4"	1-1/4"
LED7036D	700mA	3.9W – 29.4W	120V	65'	7-3/4"	1-3/4"	1-1/4"



Specifications:

- Driver provide constant current 350mA or 700mA output
- There must be at least two (2) fixtures on these drivers to operate properly
- Serial connection required from fixture to fixture
- Compatible with standard dimmers; leading edge, trailing edge and universal
- Fully protected: Short-circuit, input high voltage, inherent thermal protection and over voltage protection.
- Self re-settable
- Meets UL, CSA and FCC requirements
- Class II LED drivers must be maintained within an enclosure that meets local building codes and NEC
- For additional configurations, consult factory



LED3518D
18W, 350mA
Dimmable Driver



LED7036D
36W, 700mA
Dimmable Driver

LED Driver Accessories

18-2 SOL CL2P

18-2 Class II Plenum Wire (Sold in Foot Increments)



EXIT





Con-Tech offers a variety of high quality exit and emergency fixtures for commercial, retail and hospitality markets.

From basic LED Exit Signs and Edge-lit Exits to Emergency lights and battery back-ups, Con-Tech fixtures are designed to keep installation simple and cost-effective; our emergency fixtures need virtually no maintenance.

e m e r g e n c y l i g h t i n g

Our fixtures are tested to the highest life safety standards, meeting or exceeding NFPA101, NEC, and UL924.

EXIT

EXIT



Give her the gift
of sheer indulgence.

What is your choice for luxury spa experiences?
At MARIO TRICOCI, you'll find the best.

MARIO TRICOCI
tricoci.com

WE PUT A WHOLE
NEW LIGHT ON
LETTUCE.

e m e r g e n c y l i g h t i n g

Exit Signs



LED Exit Sign
Page 486

LED



LED Exit Sign
with Battery Backup
Page 486

LED



LED Exit/Emergency
Combo
Page 486

LED



Remote Capable LED
Exit/Emergency Combo
Page 487

LED



Interior Remote Head
Page 487



Exterior Remote Head
Page 487



Dual Exterior
Remote Head
Page 487



Universal Recessed or
Surface Mount LED
Edge-Lit Exit Sign with
Battery Backup
Page 488

LED



Ceiling Mount
Recessed LED Edge-Lit
Exit Sign
Page 489

LED



Ceiling Mount Recessed
LED Edge-Lit Exit Sign
with Battery Backup
Page 489

LED



LED Edge-Lit Exit Sign
with Battery Backup
Page 489

LED

Emergency Lights



Recessed
Emergency Gimbal
Page 490



Standard
Emergency Light
Page 490



Dual Adjustable
Emergency Light
Page 490



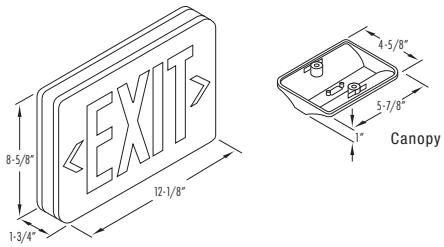
EXOHGLED
Green LED

EXOHRLED
Red LED

LED Exit Sign

Injection-molded thermoplastic ABS housing conforms to UL94V-0 flame rating. Innovative, snap-together design allows for quick installation with removable directional chevron inserts. Single or double face configurations provide letters 6" high with 3/4" stroke. Fixtures provide universal mounting options (wall, side, or ceiling) with the simple twist and lock action. Dual 120/277 VAC operation provides low energy consumption of only 2.1 Watts at 120V.

Finish: - B, P



EXOHGLEDDEM
Green LED

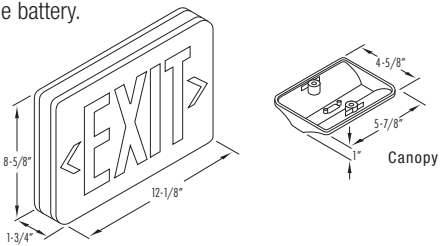
EXOHRLEDDEM
Red LED

LED Exit Sign with Battery Backup

Injection-molded thermoplastic ABS housing conforms to UL94V-0 flame rating. Innovative, snap-together design allows for quick installation with removable directional chevron inserts. Single or double face configurations provide letters 6" high with 3/4" stroke. Fixtures provide universal mounting options (wall, side, or ceiling) with the simple twist and lock action. Dual 120/277 VAC operation provides low energy consumption of only 2.4 Watts at 120V.

LED indicator light and push button test switch for battery backup system. Nickel-Cadmium battery (4.8V 650mA) provides more than 3 hours of emergency power. After 90 minutes discharge, the battery needs 24 hours to recharge for full capacity. Low voltage battery disconnect prevents deep discharge damage to the battery.

Finish: - B, P



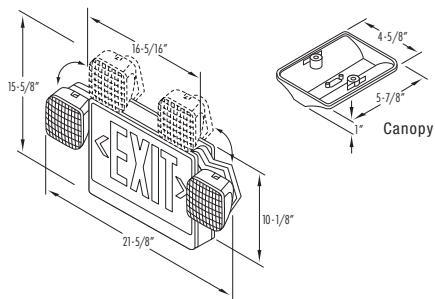
EX2HGLEDDEM
Green LED

EX2HRLEDDEM
Red LED

LED Exit/Emergency Light Combination

Injection-molded thermoplastic ABS housing conforms to UL94V-0 flame rating. Innovative, snap-together design allows for quick installation with removable directional chevron inserts. Single or double face configurations provide letters 6" high with 3/4" stroke. Two fully adjustable, glare-free square light heads provide emergency light with T5 wedge base lamps. Fixtures provide wall or ceiling mounting options with the simple twist and lock action. Dual 120/277 (6V, 5.4W, DC) VAC operation provides low energy consumption of only 3.8 Watts during normal operation, and 15 Watts during emergency operation. LED indicator light and push button test switch for battery backup system. Low voltage battery disconnect prevents deep discharge damage to the battery.

Finish: - B, P



Fixture Finish Codes

- B - Black
- P - White



EXR2HGLED
Green LED

EXR2HRLED
Red LED

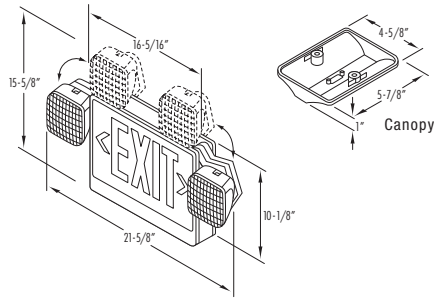


Remote Capable LED Exit/Emergency Light Combination

Power up to two additional remote exit head lights with this combination exit/emergency fixture, one 6V/10W or two 6V/6W remote heads (select remote heads below).

Injection-molded thermoplastic ABS housing conforms to UL94V-0 flame rating. Innovative, snap-together design allows for quick installation with removable directional chevron inserts. Single or double face configurations provide letters 6" high with 3/4" stroke. Two fully adjustable, glare-free square light heads provide emergency light with T5 wedge base lamps. Fixtures provide wall or ceiling mounting options with the simple twist and lock action. Dual 120/277 (6V, 5.4W, DC) VAC operation provides low energy consumption of only 3.8 Watts during normal operation, and 15 Watts during emergency operation. LED indicator light and push button test switch for battery backup system. Low voltage battery disconnect prevents deep discharge damage to the battery.

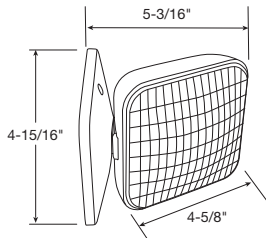
Finish: - B, P



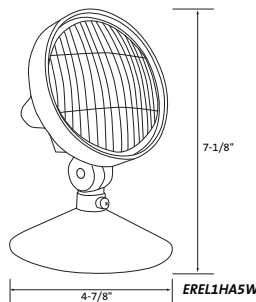
Remote Emergency Heads

Injection-molded thermoplastic ABS housing with fully adjustable light head provide glare-free light distribution with T5 6V, 6W DC wedge base lamps. Select from a single interior head (**REL1HA5W-P**), a single wet location head (**EREL1HA5W-S**) or a dual wet location head (**EREL2HA5W-S**).

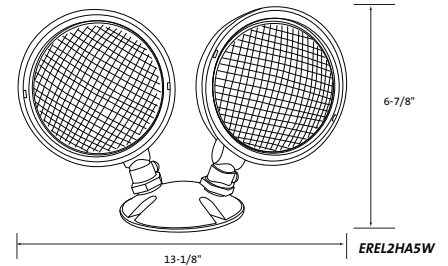
REL1HA5W



EREL1HA5W



EREL2HA5W



Fixture Finish Codes

B - Black

P - White

S - Silver



SINGLE FACE

REXASFGEM

Green LED Single Face Clear Acrylic

REXASFGEMC

Green LED Single Face Clear Acrylic with Mirrored Background

REXASFGEMW

Green LED Single Face White Faceplate

REXASFREM

Red LED Single Face Clear Acrylic

REXASFREM

Red LED Single Face Clear Acrylic with Mirrored Background

REXASFREMW

Red LED Single Face White Faceplate

DOUBLE FACE

REXADFGEMC

Green LED Double Face Clear Acrylic with Mirrored Background

REXADFGEMW

Green LED Double Face White Faceplate

REXADFREM

Red LED Double Face Clear Acrylic with Mirrored Background

REXADFREMW

Red LED Double Face White Faceplate

Universal/Adjustable Recessed or Surface Mount Ceiling or Wall Mount LED Edge-Lit Exit Sign with Battery Back-up

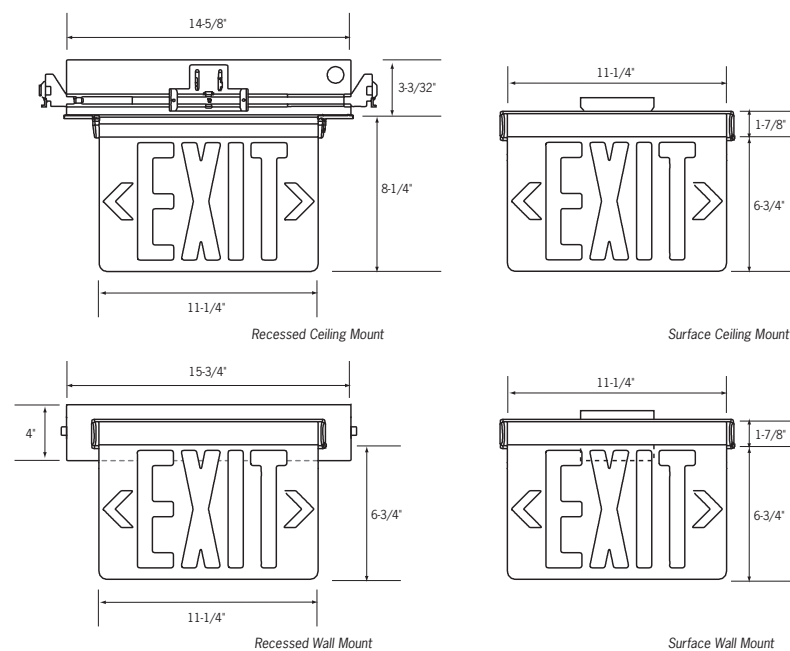
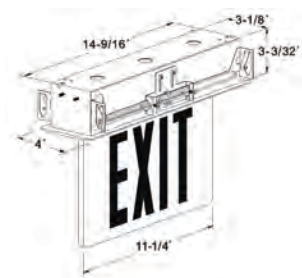
Compact and decorative design provides a rigid, aluminum housing with etched, clear acrylic edge-lit panel. Single or double face configurations provide letters 6" high with 3/4" stroke and removable directional indicators. Housing complete with an aluminum trim plate for recessed ceiling mount, and adjustable bar hangers for mounting in suspended ceilings. Dual 120/277 VAC operation provides low energy consumption of only 3 Watts at 120V.

Battery information:

NICAD battery, Unitech Battery Ltd., PN# AAA300 (4.8V, 300mA)

Faceplate Colors: Clear, -C, -W

Finish: -B, -P



Faceplate Colors

- Clear
(leave blank, SF only)

C - Clear Acrylic with
Mirrored Background

W - White

Fixture Finish Codes

B- Black

P - White



LED

REXELSGLED
Green LED Single Face

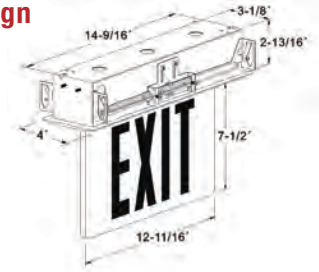
REXELSRLED
Red LED Single Face

REXELDFGLED
Green LED Double Face

REXELDFRLED
Red LED Double Face

Ceiling Mount Recessed LED Edge-Lit Exit Sign

Compact and decorative design provides a rigid, aluminum housing with etched, clear acrylic edge-lit panel. Single or double face configurations provide letters 6" high with 3/4" stroke and removable directional indicators. Housing complete with an aluminum trim plate for recessed ceiling mount, and adjustable bar hangers for mounting in suspended ceilings. Dual 120/277 VAC operation provides low energy consumption of only 3 Watts at 120V.



Finish: -U



LED

REXELSGLEDEM
Green LED Single Face

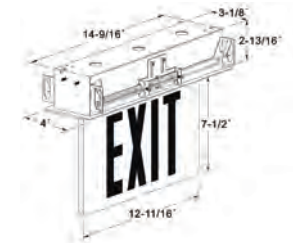
REXELSRLEDEM
Red LED Single Face

REXELDFGLEDEM
Green LED Double Face

REXELDFRLEDEM
Red LED Double Face

Ceiling Mount Recessed LED Edge-Lit Exit Sign with Battery Backup

Compact and decorative design provides a rigid, aluminum housing with etched, clear acrylic edge-lit panel. Single or double face configurations provide letters 6" high with 3/4" stroke and removable directional indicators. Housing complete with an aluminum trim plate for recessed ceiling mount, and adjustable bar hangers for mounting in suspended ceilings. Dual 120/277 VAC operation provides low energy consumption of only 3 Watts at 120V.



LED indicator light and push button test switch for battery backup system. Nickel-Cadmium battery (4.8V 650mA) provides more than 3 hours of emergency power. After 90 minutes discharge, the battery needs 24 hours to recharge for full capacity. Low voltage battery disconnect prevents deep discharge damage to the battery.

Finish: -U



LED

EXELSGLEDEM
Green LED Single Face

EXELSRLEDEM
Red LED Single Face

EXELDFGLEDEM
Green LED Double Face

EXELDFRLEDEM
Red LED Double Face

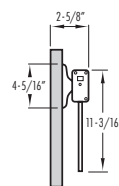
LED Edge-Lit Exit Sign with Battery Backup

Compact and decorative design provides a rigid, aluminum housing with etched, clear acrylic edge-lit panel. Single or double face configurations provide letters 6" high with 3/4" stroke and removable directional indicators. Fixtures provide universal mounting options (wall, side, or ceiling). Dual 120/277 VAC operation provides low energy consumption of only 3 Watts at 120V.

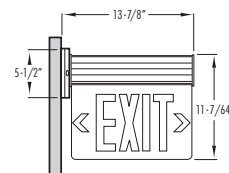
LED indicator light and push button test switch for battery backup system. Nickel-Cadmium battery (4.8V 650mA) provides more than 3 hours of emergency power. After 90 minutes discharge, the battery needs 24 hours to recharge for full capacity. Low voltage battery disconnect prevents deep discharge damage to the battery.

Finish: - P, U

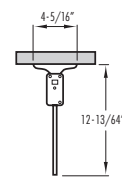
* On the UNLook version, canopy and end caps are black



Wall Mount



Side Mount



Ceiling Mount

Fixture Finish Codes

P - White

U - UNLook



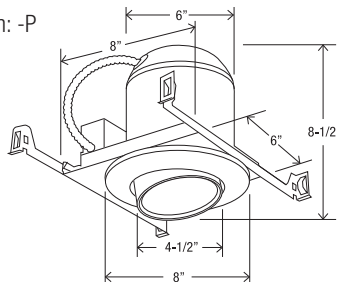
ERG6V

Recessed Emergency Gimbal

The slim profile allows emergency lighting installation in existing recessed applications. PAR36 design provides glare-free light distribution with T5, 6V 10W DC lamp. The adjustable gimbal ring provides a 30° aiming angle for proper directional lighting. The test switch and indicator light are located on the side of the gimbal head for a clean ceiling look. The steel 6" recessed housing includes telescopic hanger bars for varying installation spaces and features dual 120/277 VAC operation.

Lead-Calcium battery (6V 4.5Ah) provides more than 90 minutes of emergency power. After 90 minutes discharge, the battery needs 24 hours to recharge for full capacity. Low voltage battery disconnect prevents deep discharge damage to the battery.

Finish: -P



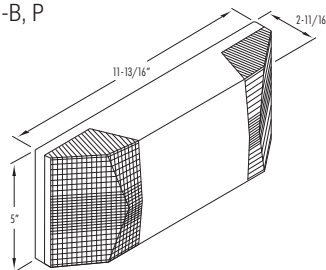
EL2HN5W

Standard Emergency Light

Injection-molded thermoplastic ABS housing conforms to UL94V-0 flame rating. Innovative, snap-together design allows for quick installation. Two flush mounted prismatic lenses maximize light output and provide glare-free light distribution with T5 6V, 5W, DC wedge base lamps. Fixtures provide wall and ceiling mounting options with removable knock-outs and J-box pattern on the back panel. Fixture features dual 120/277 VAC operation and test switch and charge rate indicator.

Lead-Calcium battery (6V 4.5Ah) provides more than 90 minutes of emergency power. After 90 minutes discharge, the battery needs 24 hours to recharge for full capacity. Low voltage battery disconnect prevents deep discharge damage to the battery.

Finish: -B, P



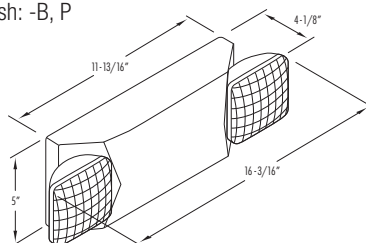
EL2HA5W

Dual Adjustable Emergency Light

Injection-molded thermoplastic ABS housing conforms to UL94V-0 flame rating. Innovative, snap-together design allows for quick installation. Two fully adjustable light heads provide glare-free light distribution with T5, 6V, 5W, DC wedge base lamps. Fixtures provide wall and ceiling mounting options with removable knock-outs and J-box pattern on the back panel. Fixture features dual 120/277 VAC operation and test switch and charge rate indicator.

Lead-Calcium battery (6V 4.5Ah) provides more than 90 minutes of emergency power. After 90 minutes discharge, the battery needs 24 hours to recharge for full capacity. Low voltage battery disconnect prevents deep discharge damage to the battery.

Finish: -B, P



Fixture Finish Codes

B - Black

P - White

Emergency Lighting Codes



National, state and local codes guide emergency lighting applications. These codes and basic requirements are established mainly by the National Electrical Code (NFPA 70) and the Life Safety Code (NFPA 101).

At a minimum:

- 1) Code requires at least 90 minutes of continuous illumination from an emergency lighting source.
 - 2) Emergency lighting must be operational within 10 seconds of the loss of normal power.
 - 3) Emergency lighting units must provide an average of at least one foot-candle of initial illumination at floor level along the path of egress. The minimum amount of illumination at floor level along the path of egress is 0.1 foot-candle.
 - 4) Emergency lighting must provide a max-to-min illuminance ratio that is less than or equal to 40:1 along the path of egress.
 - 5) Changes in egress path direction are to be clearly marked.
-

For complete national code details, review the National Electrical Code (NFPA 70) and the Life Safety Code (NFPA 101). Additional illumination standards may be required in your area. Be sure to check with your local code authority for current regulations.

Con-Tech Ceiling Fans

d e s i g n e d f o r
Top Performance



Industrial



Con-Tech Ceiling Fans offer year-round comfort for improved productivity, customer satisfaction and energy conservation. Our fans are designed and built to meet or exceed tough commercial, industrial and institutional specifications for day-in, day-out use. Its smart business to include Con-Tech Ceiling Fans in your building and renovation plans.



Institutional



Commercial

Contents

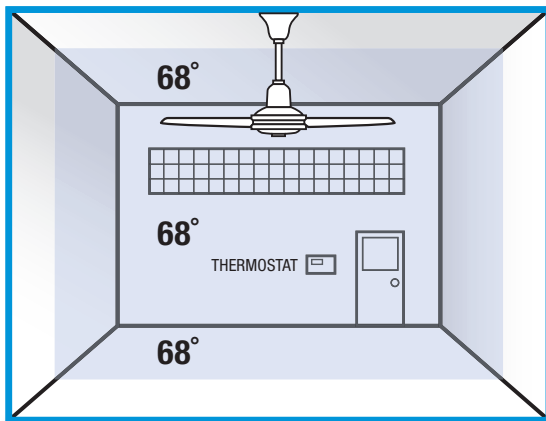
Introduction & Benefits.	492-493
Specifications.	494-495
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System Design.	496
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built to last

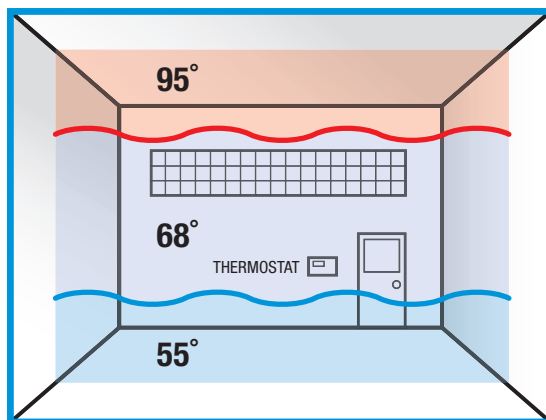
- Strong steel blades pitched for most efficient air coverage
- Steel, Hang-Straight Suspension System
- Thick powder coated paint resists rust
- Every fan backed with a 1 Year Warranty

Savings Year-Round

A well planned Con-Tech Fan System is a fraction of the cost of conventional air conditioning, making it a wise investment for you and the environment.



With Con-Tech Fans



Without Con-Tech Fans

high output motor

- Quiet operation
- Sealed bearings permanently lubricated for long life
- Runs cool with low temperature rise
- Patented low profile motor housing for attractive appearance

Cool Comfortable Airflow for Summer

When a Con-Tech Fan System is added to air conditioned premises, the thermostat can be set as high as 78 degrees, yet the work environment will remain at a comfort index of 70 degrees. This 8 degree cooling effect is achieved by moving air which reduces humidity and increases the rate of evaporation from the skin.



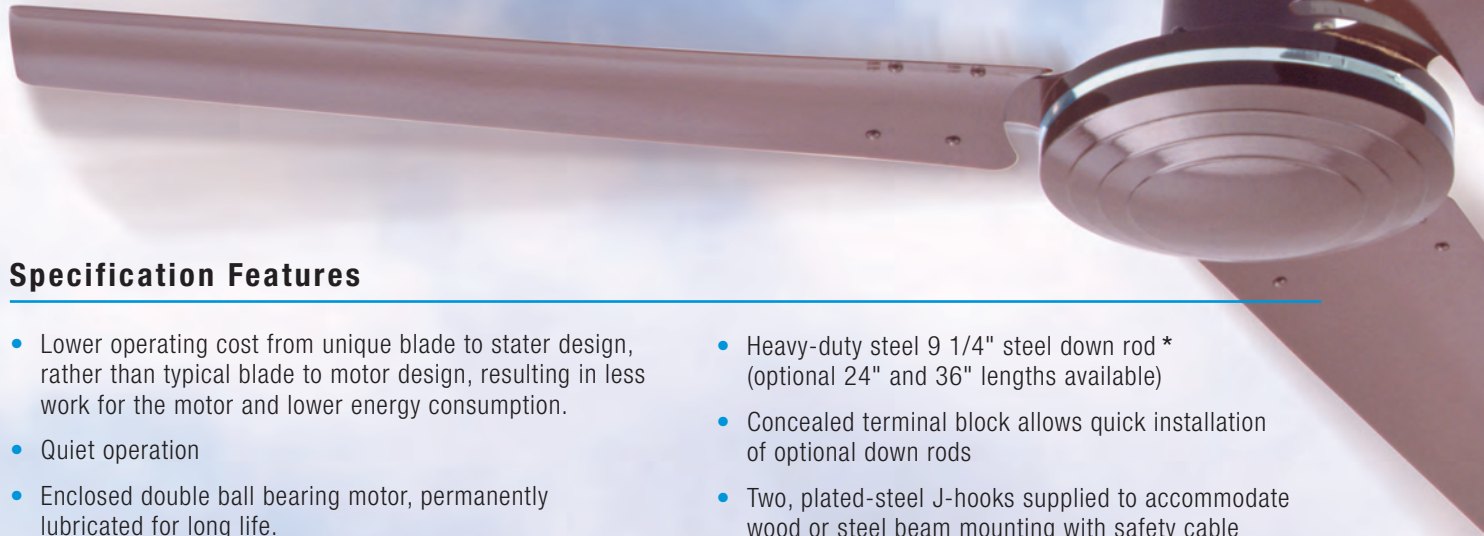
Recirculation of Heated Air for Winter

In winter, buildings with ceiling heights of 12 feet or higher are especially prone to heat loss through the roof. Even when upper levels are 90 degrees or more, workers at floor level may remain uncomfortably cold due to these stratified layers of air. Con-Tech Ceiling Fans break-up air stratification to reduce heating costs. The variable speed controller permits optimum air flow without causing drafts.



Con-Tech Ceiling Fans

**NEW
DAMP LOCATION
FANS**



Specification Features

- Lower operating cost from unique blade to stator design, rather than typical blade to motor design, resulting in less work for the motor and lower energy consumption.
- Quiet operation
- Enclosed double ball bearing motor, permanently lubricated for long life.
- High output 16 pole motor runs cool with low temperature rise (most fan motors have 14 poles)
- CTF48 and CTF56D come totally pre-wired including heavy-duty grounded cord and plug. Mounting hardware included with CTF56 for mounting to outlet box.
- Patented low profile canopy houses an internal capacitor allowing for more efficient and quicker start-up.
- Remote Switch Reversible model available (See CTF56)
- Resilient, labor saving, 1-hook Hang-Straight Suspension System
- Single phase capacitor started induction motor.
- Heavy-duty steel 9 1/4" steel down rod * (optional 24" and 36" lengths available)
- Concealed terminal block allows quick installation of optional down rods
- Two, plated-steel J-hooks supplied to accommodate wood or steel beam mounting with safety cable
- Balanced, pitched, steel blades available in 48" and 56" lengths
- 3-degree pitch angle for 48" blades
11-degree pitch angle for 56" blades
- Thick powder coated paint resists rust/epoxy based
- Voltage Ratings: 120 VAC, 60Hz
- 1-Year guarantee
- cULus listed
- UL listed for damp locations (See CTF56D)

* Not available for CTF56D damp location models.

Ceiling Fans

Model #	Description	Current	RPM Low/High	Wattage	CFM 10' MTG	CFM 20' MTG
CTF48-(B,W)	48" Straight Blades – <i>Not Reversible</i>	.57A	140/330	70W	6000	6700
CTF56-(B,W,S)	56" Swept-Tip Blades – <i>Reversible via remote switch only (Double Pole, Double Throw switch sold separately by others)</i>	.81A	110/290	60W	16500	22000
CTF56D-(B,W,S)	56" Straight Blades – Damp Location <i>Not Reversible</i>	.80A	100/270	105W	10200	13600

*Finish: (Specify when ordering)

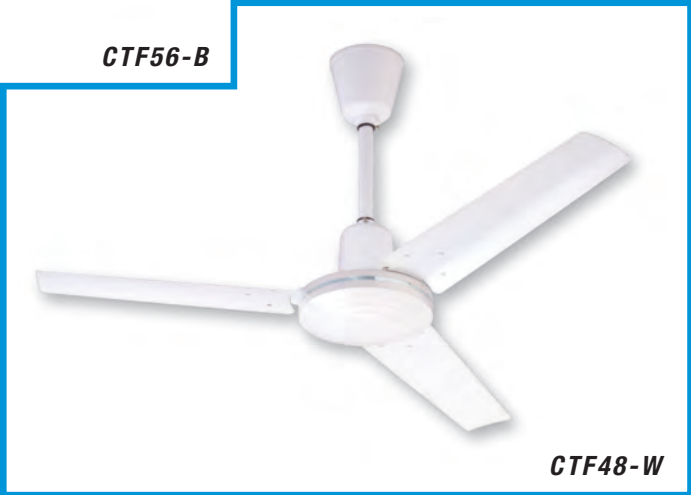
Brown (B), White (W) or Silver (S) – (Example CTF56-W)



CTF56-S



CTF56-B



CTF48-W

Dimensions

	A	B	C
56"	17-1/2	23-1/4	8-3/4
48"	17-1/2	19-3/4	8-1/8

NOTE - See page 496 to learn how to design your own fan system

Designing Your Own Fan System

Is Easy

Step 1

Use the chart below and find your ceiling height category.
(NOTE: Minimum installation ceiling height for optimum fan performance is 12 feet.)

Fan System Design Data

Ceiling Height	Recommended Fan Size	Floor Area Coverage
16 Feet or Less	48"	2500 Sq. Feet
20 Feet or Less	56"	2500 Sq. Feet
25 Feet or Less	56"	2000 Sq. Feet
30 Feet or Less	56"	1800 Sq. Feet
35 Feet or Less	56"	1500 Sq. Feet
40 Feet or Less	56"	1200 Sq. Feet
45 Feet or Less	56"	1000 Sq. Feet
50 Feet or Less	56"	800 Sq. Feet

Step 2

Use ceiling height category selected in Step 1 to determine recommended size fan and the floor area coverage of each fan.

Step 3

Determine total square feet to be covered in you application.

- $Length\ of\ Area \times Width$

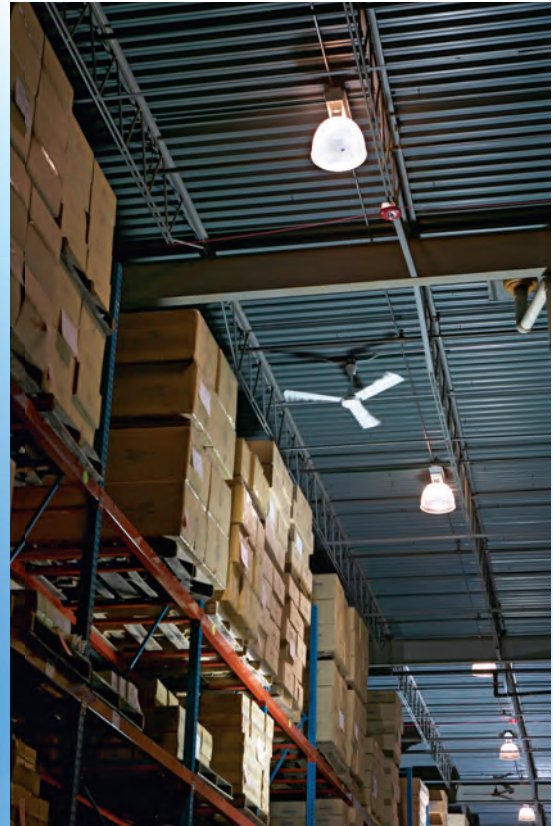
Step 4

Divide Step 3 by Step 2 to get total number of fans needed for your application:

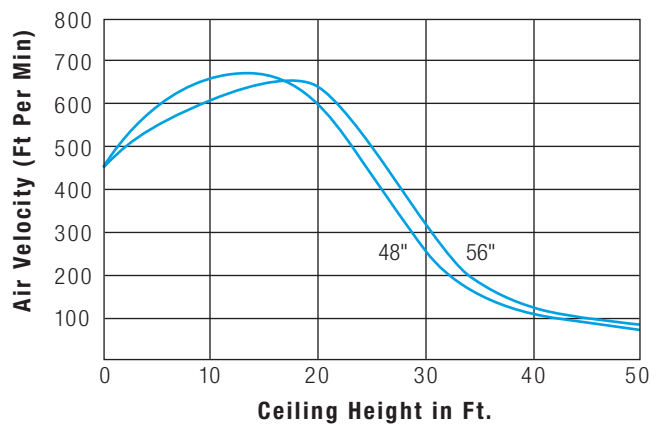
- $Total\ square\ feet\ to\ be\ covered\ in\ you\ application\ divided\ by\ floor\ area\ coverage\ of\ each\ fan$

Step 5

Add on additional fan for each active dock-door area.



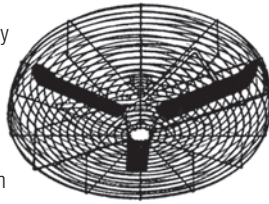
Relation of Ceiling Height and Air Velocity



Ceiling Fan Accessories

Wire Guards

These sturdy wire guards completely surround the rotating fan blade for extra safety. Welded construction and zinc plating assure long life and resistance to damage. Wire guards are complete top and bottom and mount to fan downrod.

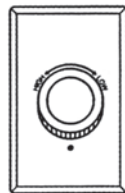


WG48	for 48" Fans	(Guard Measures 52")
WG60	for 56" Fans	(Guard Measures 64")

Note: Fan guards are shipped in two halves packed one fan guard per carton. Size of cartons prohibits shipment by U.P.S. Must ship by common carrier.

Optional Speed Controls

Con-Tech's FC Series rotary speed controls offer infinite motor speed control to allow air flow adjustments for single fans or groups of up to 12 fans. High speeds are recommended for summer cooling, lower speeds for draft-free heat recovery in winter. Use the QT-1 4-speed control where quiet operation is desirable, such as schools, churches or hospitals. All Con-Tech controls are UL listed.

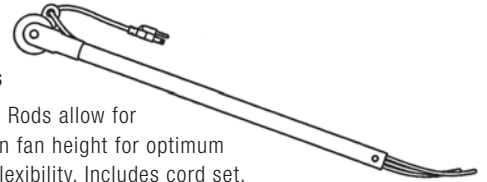


FC-6*	5 Amps	1-6 Fans	Includes Wall Plate
FC-12*	12 Amps	Up to 12 Fans	Heat Sink Face Plate
QT-1	1.5 Amps	1 Fan	Quiet Control Includes Wall Plate, RFI protected

**Solid State
All Con-Tech Speed Controls are U.L. Listed*

Optional Down Rods

Sturdy Down Rods allow for adjustment in fan height for optimum installation flexibility. Includes cord set. Con-Tech downrods are 22mm in diameter.



DR24-(B, W, S)**	24" Down Rod
DR36-(B, W, S)**	36" Down Rod

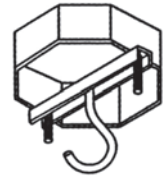
***Color:** Specify Brown (B), White (W), or Silver (S) when ordering.

****CS36 required when reversible fan option is used.**

Note: Down Rod option can not be used with CTF56D Fans.

CT925 Fan Support Outlet Box Kit

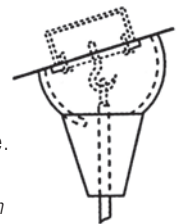
The CT925 kit provides an outlet box specially reinforced to meet UL requirements. The kit includes a 40-kit fan mounting bracket.



CT912-W Slope Ceiling Fan Adaptor Kit

The CTR912-W slope ceiling adaptor kit includes a spherical spacer to fill the void between the horizontal top of the canopy and the ceiling slope. Available only in white.

Note: Can also be used in straight down applications. Same as a canopy extension collar. (6"W, 1-1/2" deep)



40 KIT Fan Mounting Bracket

Mounts ceiling fans to electrical outlet box. (Included with CTF56 and CT925.)



CS36

5 wire cord set. (Required with DR24 and DR36 when reversible fan is used.)

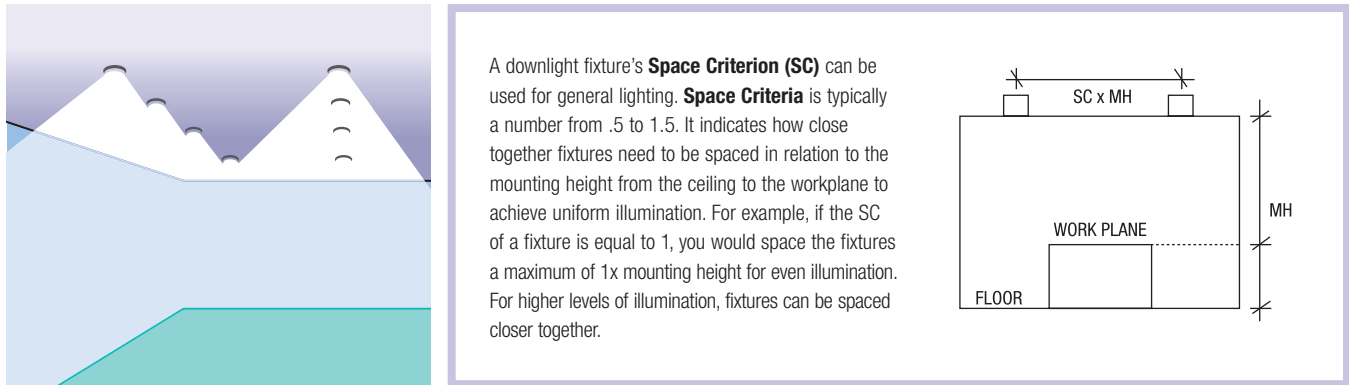


r e f e r e n c e

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- amount of light page 502
- definitions page 502
- color of light page 503
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- choosing the right fixture page 505
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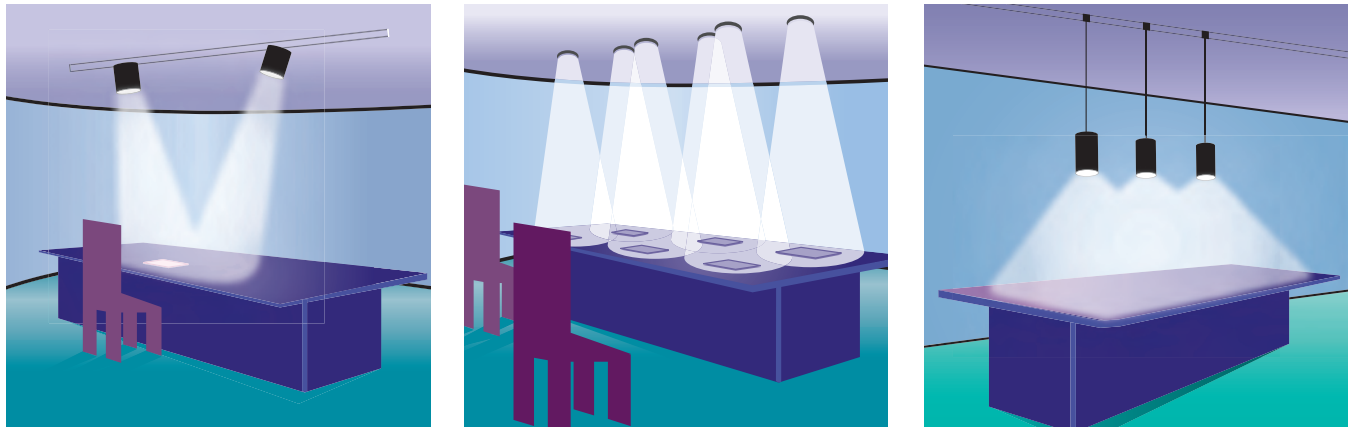
t h e f u n c t i o n s o f l i g h t

General (or Ambient) Lighting is used to create a uniform lighting pattern throughout a room or area. This look can be achieved by arranging recessed fixtures in overlapping positions. The fixtures are generally positioned in a symmetrical plan fitted into the area. Reflectors, baffles, and lensed trims provide the best choices for general lighting.

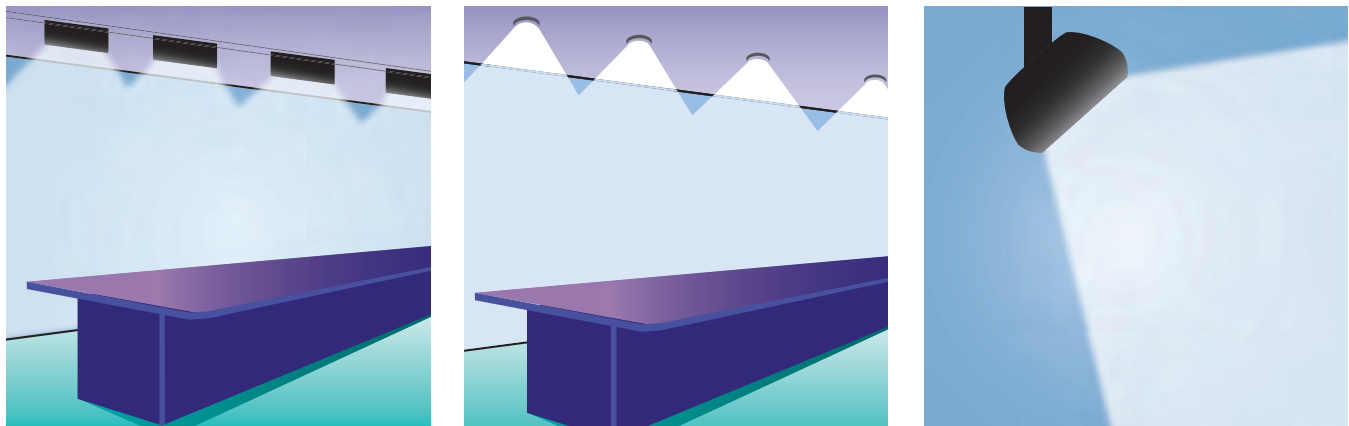


A downlight fixture's **Space Criterion (SC)** can be used for general lighting. **Space Criteria** is typically a number from .5 to 1.5. It indicates how close together fixtures need to be spaced in relation to the mounting height from the ceiling to the workplane to achieve uniform illumination. For example, if the SC of a fixture is equal to 1, you would space the fixtures a maximum of 1x mounting height for even illumination. For higher levels of illumination, fixtures can be spaced closer together.

Task Lighting is used to illuminate an area for a specific task. Examples of this can be found on workspaces, countertops, and conference tables. This type of illumination is most effective when used as a supplement to general lighting. Effective task lighting should eliminate shadows on the specific illuminated area while preventing glare. MR16, PAR and R lamps are often selected for this type of lighting.



Wall Washing light defines form and space while highlighting texture. It visually increases the size of a room and makes the space seem lighter and more open. This technique is also effective for illuminating a wall of pictures. The lighting on the wall may have a varied, scalloped look or an even "wash" of light depending on the spacing of the fixtures.

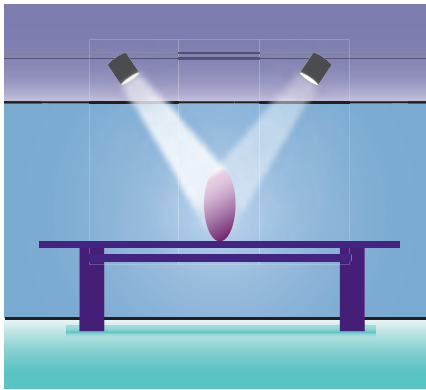


Even Wall Wash Illumination: front view, track lights.

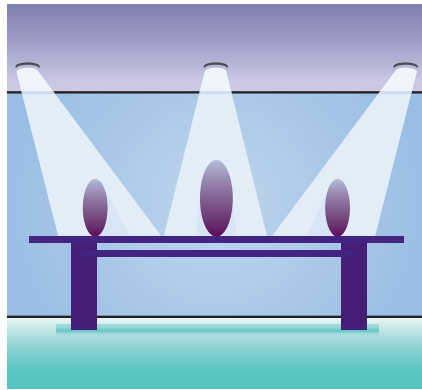
Even Wall Wash Illumination: front view, recessed lights.

Even Wall Wash Illumination: side view, track lights.

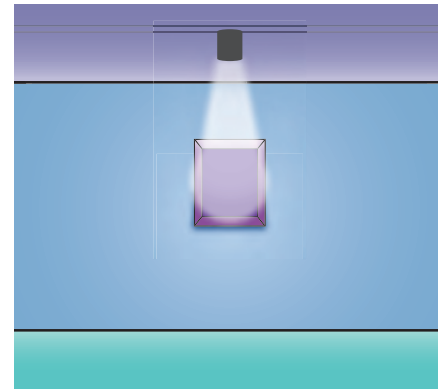
Accent Lighting is used to create a dramatic emphasis by directing attention to an object or area. The key for proper accent lighting is to make this illumination more precise and of higher intensity than the surrounding ambient light. Track Fixtures, along with Adjustable Recessed Trims, provide directional control, and are especially effective for accent lighting. Low voltage MR16 and AR111 lamps, as well as line voltage PAR lamps are often utilized for their precise beam control.



Accent Lighting of three dimensional objects with "key" (more intense) and "fill" (less intense) light to enhance highlights and shadows.



Accent Light increases interest by providing contrast between the object and the surrounding space.



Accent Lighting of flat artwork to create clarity and focus.

Ideally, artwork is illuminated by an accent light source at a 30° angle. This eliminates glare from bouncing off the object, and prevents the casting of a shadow from the viewer onto the artwork. To determine the correct distance from the wall use the following formula:

where

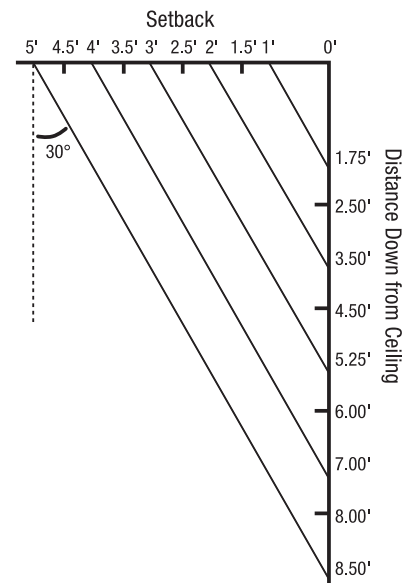
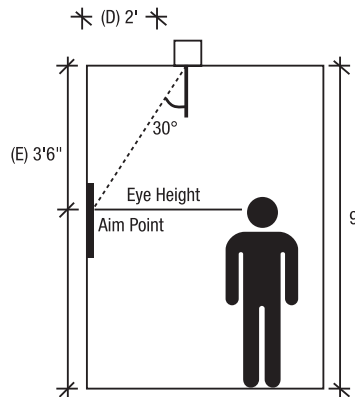
E = Distance from the ceiling to the eye height/aiming point and

D = Distance from the wall to the center of the fixture.

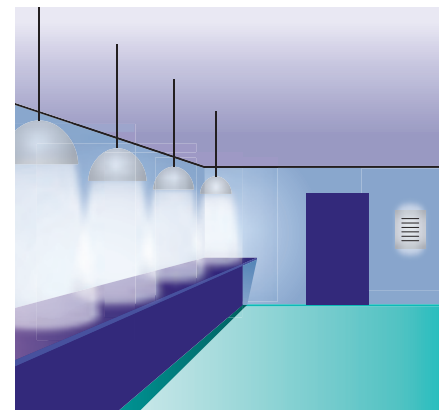
$$D = E \times .58$$

Example:

$$D = 3.5' \times .58 = 2.03' \text{ or approximately } 2'$$



Decorative Lighting is lighting fixtures themselves that provide illumination and are also meant to be seen. These ornamental luminaires are available in many forms, from pendants and chandeliers to wall sconces and marker lights. Fixtures of this type must not only offer lighting performance but must also aesthetically blend with the style of a space.



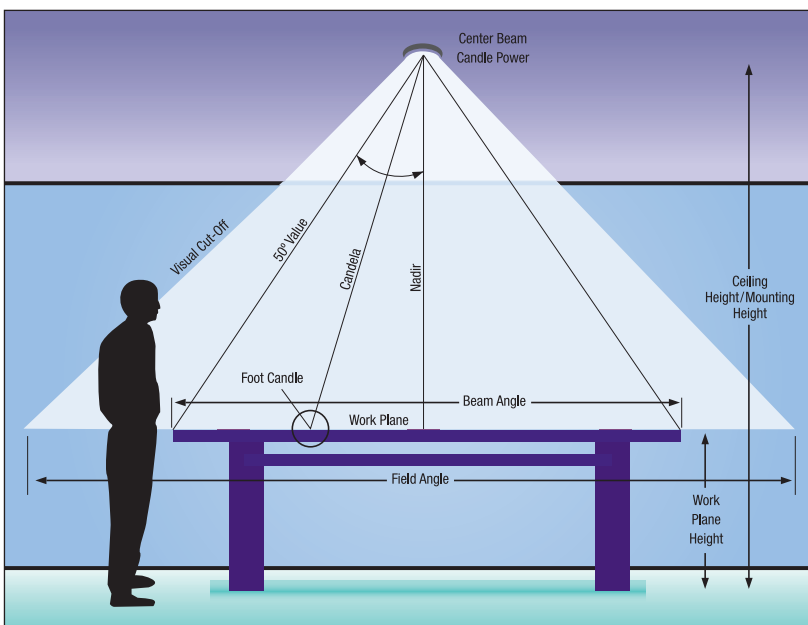
t h e r i g h t a m o u n t o f l i g h t

Light intensity is measured in footcandles (fc).

For example, moonlight on a clear night measures about 3 footcandles. The following light levels are good recommendations for typical activities. These levels are guides only and should be increased or decreased based on the types of individuals, the types of tasks they are performing, and the light quality required to perform such a task.

Type of Activity	Footcandles
Low illumination spaces where visual tasks are occasionally performed	10-25 fc
Medium illumination spaces with visual tasks of high contrast	25-50 fc
High illumination spaces with visual tasks of medium contrast	50-150 fc

Contrast is the variation in light levels between two neighboring areas. To show items prominently, create at least a 3:1 ratio between the areas. This technique is especially effective in retail, gallery, and commercial lighting where accenting items is essential.



d e f i n i t i o n s

Beam Angle The angle between the two directions for which the intensity is 50% of the maximum.

Candela The unit of luminous intensity (cd).

Candlepower Luminous intensity expressed in candelas.

Cutoff Angle The angle, measured up from nadir, between the vertical axis and the first line of sight at which the bare lamp is not visible.

Field Angle The angle between the two directions for which the intensity is 10% of the maximum.

Footcandle The unit measurement of illuminance incident on a surface (fc).

Illuminance The density of light received at a point on a surface, measured in footcandles.

Reflectance The ratio of the amount of light reflected from a surface vs. the amount of light falling on it.

Work Plane A surface at which work is done and at which lighting levels are specified and measured. This is typically a horizontal plane 2.5 feet (30 inches) from the floor.

When talking about white light sources, the terms “warm” and “cool” are used. White light sources fall into three general categories: warm, neutral and cool. Available metrics help determine a good quality white light, including: correlated color temperature (CCT), color rendering index (CRI), and spectral power distribution (SPD) charts.

correlated color temperature (CCT)

Correlated color temperature is a measure of the color appearance of a white light source. CCT is measured on the Kelvin absolute temperature scale. White lighting products are most commonly available from 2700K (Warm White), 4000K (Neutral white) and 5000K (Cool White).

White light with a hint of yellow-like candlelight is called “warm white”. The color temperature of warm white is below 3000°K. Warm white enhances reds and oranges, dulls blues, and adds a yellow tint to whites and greens.

Neutral white has a midrange color temperature of 3001°K – 4000°K. This light enhances most colors equally and does not emphasize either yellow or blue.

Bluish white, like moonlight or snow, is considered “cool white”. The color temperature is above 4000°K. Cool white enhances blues, dulls reds and imparts a bluish tint to white and greens.



WARM (Below 3500K)
Enhances red and orange, dulls blues, and adds yellow tint to whites and greens.



NEUTRAL (3500K-4000K)
Basically neutral, enhances most colors equally, and does not emphasize either yellow or blue.



COOL (Above 4000K)
Enhances blues, dulls reds, and imparts bluish tint to whites and greens.

color rendering index (CRI)

Color Rendering Index is a measure of how a light source renders colors of objects, compared to a reference light source. CRI is given as a number from 0 to 100, with 100 referencing the best color. There are 8 standard test colors (R1– R8), which are supplemented with a “special purpose” test samples (R9 – R14).

The higher the CRI of a light source, the better – and more natural – colors appear. A CRI of 100 would represent a source that has the rendering capabilities of incandescent light (for sources below 5000K). A CRI of 0 would come from a source that provides light without color, like a black and white television.

CRI Range	85+	65-85	< 65
Rating	Excellent	Good	Poor
Typical Applications	Retail Showrooms Restaurants Executive Offices Conference Rooms Lobbies Residences Supermarkets Galleries	Offices Classrooms Security Lighting Manufacturing Areas High Bay Retail Storage Areas	Warehouses Parking Lots Exterior Area Lighting

Ri	Appearance
R1	Light Grayish Red
R2	Dark Grayish Yellow
R3	Strong Yellow Green
R4	Moderate Yellowish Green
R5	Light Bluish Green
R6	Light Blue
R7	Light Violet
R8	Light Reddish Purple
R9	Strong Red
R10	Strong Yellow
R11	Strong Green
R12	Strong Blue
R13	Light Yellowish Pink
R14	Moderate Olive Green

LED standards

LED Technology provides designers with many distinct advantages over other light sources including size, efficiency and color, provided the LED is designed into the fixture properly. A system approach to fixture design is required to showcase the advantages LED technology has to offer. The key parts of the luminaire design include thermal management, optical performance, color consistency, electrical management and the LED chip itself. If not managed properly, as a complete system, the benefits of this technology will be lost. To maximize the benefits of this technology, all the key parts of the system must be properly blended.

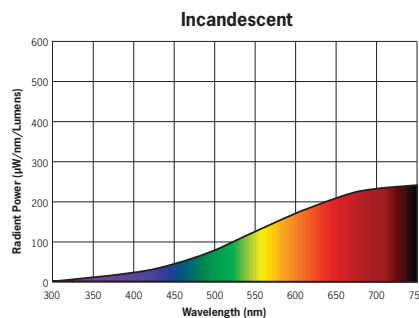
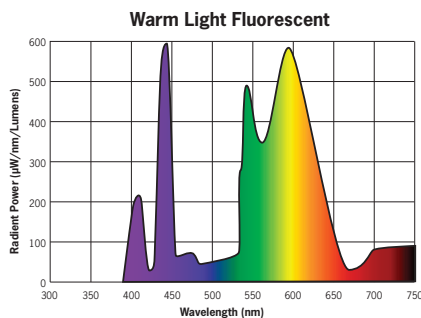
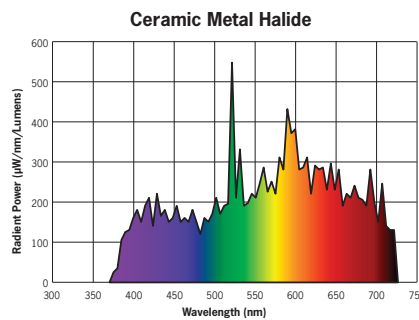
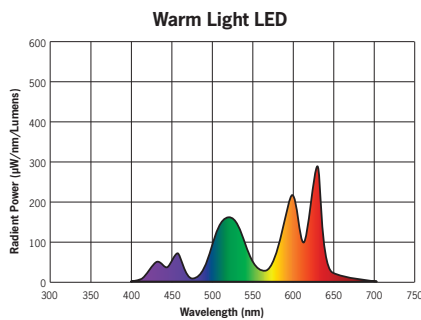
As with all new technologies, standards must be developed for consistency in the marketplace. Key standards for LED products include LM-79-08 and LM-80-08, both published by the IESNA. These standards are not a minimum specification of performance; they are simply a standardized report of performance data for LED products.

LM-79-08 is the IESNA Approved Method for the Electrical and Photometric Measurements of Solid-State Lighting Products. This standard provides data on the electrical and color performance of an LED product. This standard also includes the photometric performance of a fixture, which by itself is known as LM-63-02.

LM-80-08 is the IESNA Approved Method for Measuring Lumen Maintenance of LED Light Sources. This standard provides thermal, color, and intensity data of LED chips themselves over their lifetime. This data is used by fixture manufacturers to determine performance expectations of an LED when integrated into a luminaire.

spectral power distribution (spd) curves

Spectral Power Distribution (SPD) charts are used to demonstrate the visible wavelengths generated by a specific light source. SPD charts are good tools for understanding which colors will be rendered well by which sources. If the wavelength is not present in the light source, then it can not be rendered in the space.



Note: These are source type examples only. Each source can have many individual variations.

h o w t o c h o o s e t h e r i g h t f i x t u r e s

step one

Identify target for illumination (work surface).

This could be surfaces such as the floor, a desk, a countertop, a wall, or merchandise.

step two

Calculate the distance to target (mounting height).

This distance is equal to the distance from the luminous plane to the illuminated surface.

step three

Identify the lighting application and resulting target footcandles.

General (10–25 fc): Use for corridors, living rooms, bedrooms, and home office.

Task (25–50 fc): Use for general workspaces, reading, and bathroom vanity areas.

Accent (50–150 fc): Use for paintings, flower arrangements, awards and tapestries. 3:1 should be the minimum contrast ratio.

Wall washing (15-20 fc): Use to provide uniform illumination on a vertical untextured surface.

Grazing (20–25 fc): Use to create a dramatic effect on rough surfaces such as brick, stone, and ivy.

step four

Select a lamp and fixture.

Once the target footcandle levels have been identified for the application, select a lamp or fixture. The lamp chart that provides the desired distribution of light and light levels. Once a lamp and fixture are selected, the finish and accessories can be selected.

step five

Calculate fixture spacing.

The beam diameter shown in the lamp chart is also the measurement for spacing fixtures to obtain even illumination on the work surface. It is critical that the beam diameter is selected for the actual mounting height of the fixture because the beam diameter increases as mounting height increases.

step six

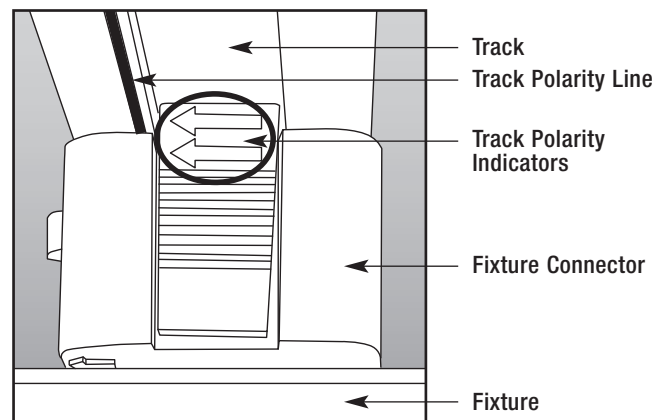
Calculate fixture and show fixture locations on layout.

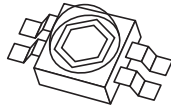
Locate the fixtures so they are evenly distributed as close to the spacing calculated in step five. minor deviations can be made to ensure even placement of fixtures. No fixture should be closer to any wall than half the distance of the beam diameter.

t r a c k l i g h t i n g p o l a r i t y

Mechanical polarity with a visual indicator simplifies installation and mounting of fixtures while assuring proper electrical connections. The polarity line indicates the side of the track with the hot conductor / black wire / brass screw terminal. The other side of the track houses the neutral side / white wire / silver screw terminal. In order to ensure the safe and proper operation of the track system, the system should be completely polarized and grounded. Ground wiring is brought to the feed points or connectors, and physical connection to these pieces ensures proper grounding. The track contains a polarity groove incised length-wise into the exposed side and the connection pieces have polarity arrows. **Polarity is not an issue with low voltage track systems.**

Reverse polarity is mostly a safety issue involving UL requirements. Reverse polarity should not affect electronic transformers, lamp performance, or lamp life, but we always suggest that the track fixtures are inserted into the track observing the polarity arrows on the track adapter. On 120V medium base lamps, there is a fuse in the base. The fuse will still function if the polarity is reversed, but it may take a slightly longer time to activate because the current has a longer path to travel before it reaches the coil. Also, for 120V medium base lamps, reversing the polarity means that the positive contact is now the outer shell of the socket base instead of the center contact. This may increase the potential for shock and could lead to the base welding to the socket. Track, connectors, and fixture adapters are designed to fit together easily when polarities are correctly aligned.





Light Emitting Diodes

LED chips are a solid state semiconductor device that converts electrical energy into light. This sustainable technology offers many great benefits, including long life, energy savings, great color, and reliability. The chip can offer these benefits only if it is designed into an appropriate LED fixture system. Critical system elements include the LED Chip, Thermal Management, Optical Performance, and Electrical Management. This technology is available in both colored light as well as several types of white light.

Average Life: 35,000-50,000 hours



Xenon Lamps - 12 & 24 Volt

Xenon lamps are a safer alternative to halogen lamps and can be used in place of Halogen lamps that require a G4 or GY6.35 base. The low-pressure Xenon gas eliminates the danger of the lamp bursting and the UV rays are less damaging than halogen lamps. These lamps also produce less heat than their halogen counterparts and require no protective glass shielding. They can be installed with your bare hands without hindering the life of the lamp. By utilizing the dimming feature of the lamp, you can extend the life of the lamp up to three times. Rings and shadows on glass and glass shades are eliminated due to the vertical filaments, which evenly distributes the illumination.

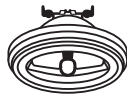
Average Lamp Life: 20,000 hours

Halogen Lamps - 12 & 24 Volt

Halogen lamps produce whiter, longer-lasting and more efficient illumination than incandescent lighting. These lamps are ideal for multiple applications including accent, task and general lighting that require superior lumen maintenance with dimmable, maximum beam control. With a CRI of 100, Halogen lamps are the perfect choice for beam control, dimming, and true color rendering. For these lamps, a transformer is required. These lamps also come in a IR model which saves energy by reflecting the infrared heat of the lamp back onto the filament which causes it to burn hotter and brighter and can increase the energy efficiency by 30%. Consult factory for IR wattage compatibility.

MR8, MR11 and MR16 (Mirror Reflector) lamps feature smaller, more exact point-source filaments which generate precise, white illumination that is ideal for accenting artwork and creative dramatic lighting effects. The MR8 and MR11 are an excellent choice wherever miniature fixture size is needed.

Average Lamp Life: 2,000 to 6,000 hours



AR111 and PAR36 utilize larger parabolic reflectors along with a capped filament in order to distribute a more compressed light beam that illuminates up to five times the intensity of MR lamps.

Average Lamp Life: 2,000 to 3,000 hours



Halogen Lamps - 120 Volt MR16, T4

These lamps take advantage of Halogen technology with a GU10 base for ease of line voltage use. They produce whiter, longer-lasting and more efficient illumination than standard incandescent lighting. These lamps are ideal for multiple applications including display, task and general lighting that require superior lumen maintenance with dimming capabilities and excellent beam control. With a CRI of 100, Halogen lamps are the perfect choice for cost-effective, true color depiction.

Average Lamp Life: 1,000 to 2,000 hours

Lamp information courtesy Philips Lighting, Osram/Sylvania, Ushio, and GE Lighting.
When these lamps have reached the end of their useful life, please dispose of them according to local environmental laws.

Incandescent Lamps “A,” PAR, BR

Incandescent lamp technology has advanced greatly through the years, making it the standard by which all other illumination is judged. These lamps are easy to install, are easily dimmable, and easily recycled. These lamps perform in all weather conditions and offer an excellent CRI of 100. Incandescent lamps provide soft, consistent beams and feature several beam patterns.



Average Lamp Life: 2,000 hours

Quartz Halogen PAR Lamps

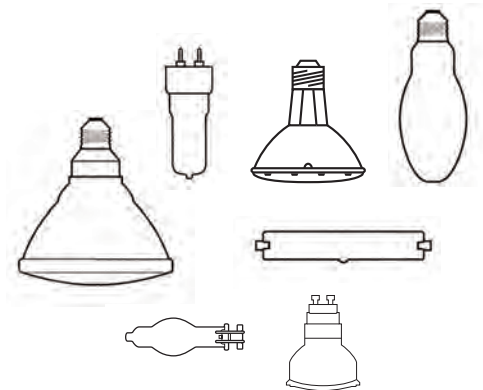
Most frequently used in retail environments, Quartz halogen lamps are 2 to 3 times more efficient than conventional incandescent lamps. Their precise beam control make them ideal for highlighting merchandise and settings. They are also an excellent source for embellishing contrast and visibility. These lamps also come in a IR model which saves energy by reflecting the infrared heat of the lamp back onto the filament which causes it to burn hotter and brighter and can increase the energy efficiency by 30%. Consult factory for IR wattage compatibility.



Average Lamp Life: 2,000 to 3,000 hours.

Metal Halide Ceramic ARC Tube Lamps MR16, T4, T6, PAR, ED-17, DE, R111, BT5 or BT3.5

Used for both directional and wash lighting, these lamps have a more intensive center beam making them ideal for placement in higher ceilings, foyers, lobbies, and retail and commercial spaces that require long burning lamps. As compared to Halogen PARs, they are three to five times more efficient (95 lumens per watt), provide superior color rendering while pulling less heat into their environments and lasting up to three times longer. Unlike earlier metal halide illumination, ceramic ARC tube technology generally uses electronic ballasts, allowing up to 40% more fixtures per branch circuit than their magnetic counterparts. This ensures outstanding lamp-to-lamp color and provides color consistency throughout the life of the lamp. They are available in both 3000K and 4000K.



Average Lamp Life: 9,000 to 15,000 hours

Compact Fluorescent Lamps

Compact fluorescent lamps come in a vast variety of sizes, wattages and color temperatures and provide dramatic energy efficiency. The CFL is distinguished from other lamps by its multiple small-diameter fluorescent tubes which are incorporated into a single-ended base plug. Their soft, diffused illumination provides a wide range of colors, from warm to cool, which makes them the ideal choice for general lighting applications. In order to start and regulate these lamps, CFLs require a ballast. They offer excellence lumen maintenance and typically yield a lamp life of up to 20 times longer than regular incandescent lamps.



Average Lamp Life: 12,000 to 16,000 hours

T5 High Output Fluorescent Lamps

The most advanced fluorescent illumination is the T5 High Output featuring a 5/8" diameter fluorescent lamp. Unlike the multiple tubes found in CFLs, an individual tube in a T5 can distribute excellent illumination coupled with precise control. The intensity and consistency of the light exceeds that which can be derived from standard CFLs. A ballast is required for starting and to regulate the current.



Average Lamp Life: 16,000 to 20,000 hours

Lamp information courtesy Philips Lighting, Osram/Sylvania, Ushio, and GE Lighting.
When these lamps have reached the end of their useful life, please dispose of them according to local environmental laws.

Number	Description
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MR16 12V LED Lamps

16LED30S	7W MR16 LED LAMP; 8° BEAM DISTRIBUTION, 3000K CCT
16LED30M	7W MR16 LED LAMP; 25° BEAM DISTRIBUTION, 3000K CCT
16LED30F	7W MR16 LED LAMP; 35° BEAM DISTRIBUTION, 3000K CCT

PAR38 Pure Light LED Lamps

Powered with CREE TrueWhite™ Technology

1238LEDM*	12W PAR38 LED LAMP; E26 SCREW BASE, 20° BEAM DISTRIBUTION, 2700K CCT, 92CRI
1238LEDMG*	12W PAR38 LED LAMP; GU24 BASE, 20° BEAM DISTRIBUTION, 2700K CCT, 92CRI

*For use in most open and semi-enclosed fixtures. Consult factory for specific luminaire compatibility.

AR111 12V LED Lamps

10LEDAR15C(-B,P,S)	10W AR111 LED LAMP, 15° BEAM DISTRIBUTION, 6000K CCT
10LEDAR15N(-B,P,S)	10W AR111 LED LAMP, 15° BEAM DISTRIBUTION, 4000K CCT
10LEDAR15W(-B,P,S)	10W AR111 LED LAMP, 15° BEAM DISTRIBUTION, 3000K CCT
10LEDAR25C(-B,P,S)	10W AR111 LED LAMP, 25° BEAM DISTRIBUTION, 6000K CCT
10LEDAR25N(-B,P,S)	10W AR111 LED LAMP, 25° BEAM DISTRIBUTION, 4000K CCT
10LEDAR25W(-B,P,S)	10W AR111 LED LAMP, 25° BEAM DISTRIBUTION, 3000K CCT
10LEDAR40C(-B,P,S)	10W AR111 LED LAMP, 40° BEAM DISTRIBUTION, 6000K CCT
10LEDAR40N(-B,P,S)	10W AR111 LED LAMP, 40° BEAM DISTRIBUTION, 4000K CCT
10LEDAR40W(-B,P,S)	10W AR111 LED LAMP, 40° BEAM DISTRIBUTION, 3000K CCT

Finishes: -B (Black), -P (white), -S (Silver)

Festoon LED Lamps

F48LED27	.48W FESTOON LED LAMP, 2700K CCT
F48LED42	.48W FESTOON LED LAMP, 4200K CCT
F48LED55	.48W FESTOON LED LAMP, 5500K CCT

12 Volt Halogen and Xenon Lamps

20T4	20W BI-PIN GY6.35 BASE, CLEAR
20T4 AXIAL	20W BI-PIN GY6.35, AXIAL FILAMENT, CLEAR
35T4	35W BI-PIN GY6.35 BASE, CLEAR
35T4 AXIAL	35W BI-PIN GY6.35 AXIAL FILAMENT, CLEAR
3636-NSP	36W PAR36 13°, NARROW SPOT, SCREW TERMINAL
3636-VNSP	36W PAR36 5°, VERY NARROW SPOT, SCREW TERMINAL
3636-WFL	36W PAR36 32°, WIDE FLOOD SCREW TERMINAL
50100/TAL-NFL	50W 100mm MR, TAL, NFL21°, GU7
50100/TAL-VNSP	50W 100mm MR, TAL, VNSP4°, GU7
50T4	50W BI-PIN GY6.35 BASE, CLEAR
50T4 AXIAL	50W BI-PIN GY6.35, AXIAL FILAMENT, CLEAR
50T4/F	50W FROSTED 2-PIN, GY6.35 BASE, HALOGEN
50AR111-FL	50W ALUMINUM REFLECTOR 25°, FLOOD, G5.3
50AR111-NSP	50W ALUMINUM REFLECTOR 4° VERY NARROW SPOT G5.3
50AR111-SP	50W ALUMINUM REFLECTOR 8°, NARROW SPOT, G5.3
75AR111-FL	75W ALUMINUM REFLECTOR 25° FLOOD, G5.3
75AR111-SP	75W ALUMINUM REFLECTOR 8°, NARROW SPOT, G5.3
75AR111-WFL	75W ALUMINUM REFLECTOR 45°, WIDE FLOOD, G5.3
20MR8NFL	20W MR8 NARROW FLOOD 23° FRONT GLASS
20MR8SP	20W MR8 SPOT 10° FRONT GLASS
35MR8NFL	35W MR8 NARROW FLOOD 26°, FRONT GLASS
35MR8SP	35W MR8 SPOT 13°, FRONT GLASS
FSS	20MR11 NARROW SPOT 10°, DC (DOUBLE CONTACT) BASE
FST	20MR11 NARROW FLOOD 17°, DC (DOUBLE CONTACT) BASE
FSV	20MR11 FLOOD 30°, DC (DOUBLE CONTACT) BASE
FTB	20MR11 SPOT, 10°, GZ4 BASE
FTB/FG	20MR11 SPOT, FRONT GLASS, 10°, GZ4
FTC	20MR11 NARROW FLOOD, 17°, GZ4
FTC/FG	20MR11 NARROW FLOOD, FRONT GLASS, 17°, GZ4
FTD	20MR11 FLOOD, 30°, GZ4
FTD/FG	20MR11 FLOOD, FRONT GLASS, 30°, GZ4
FTE	35MR11 SPOT 10°, GZ4
FTE/FG	35MR11 SPOT, FRONT GLASS, 10°, GZ4
FTF	35MR11 NARROW FLOOD, 20°, GZ4
FTF/FG	35MR11 NARROW FLOOD, FRT GLASS, 20°, GZ4
FTH	35MR11 FLOOD, 30°, GZ4
FTH/FG	35MR11 FLOOD, FRONT GLASS, 30°, GZ4
BAB	20MR16 FLOOD LAMP, 40°, GU5.3
BAB/CG	20MR16 FLOOD GLASS FRONT, 40°, CONSTANT COLOR™, GU5.3
ESX	20MR16 NARROW SPOT, 15°, GU5.3
FMT/FG	35MR16 SPOT, FRONT GLASS, 12°, GU5.3
FMV/FG	35MR16 MEDIUM FLOOD, FRONT GLASS, 24°, GU5.3
FMW/60/FG	35MR16 WIDE FLOOD, FRONT GLASS, 60°, GU5.3
FMW/CG	35MR16 FLOOD FRONT GLASS, 40°, GU5.3 CONSTANT COLOR™
FMW/FG	35MR16 FLOOD, FRONT GLASS, 36°
FRA/CG	35MR16 NARROW FLOOD FRT GLASS, 20°, GU5.3 CONSTANT COLOR™
EXN	50MR16 FLOOD LAMP, 40°, GU5.3
EXN/CG	50MR16 GLASS FRONT FLOOD, 40°, CONSTANT COLOR™, GU5.3

Number Description

12 Volt Halogen and Xenon Lamps (con't.)

EXN/FG	50MR16 FLOOD FRONT GLASS, 36°, GU5.3
EXN/TAL	50MR16 FLOOD, 40°, TURN AND LOCK (TAL) W/ FRONT GLASS (GU7)
EXN-E	50MR16 FLOOD, 36°, GU5.3
EXT	50MR16 NARROW SPOT, 15°, GU5.3
EXT/CG	50MR16 GLASS FRONT NSP, 15°, CONSTANT COLOR™, GU5.3
EXT/FG	50MR16 NSP-FRONT GLASS, 12°, GU5.3
EXT/TAL	50MR16 NARROW SPOT, 10°, TURN AND LOCK (TAL) W/ FRONT GLASS (GU7)
EXT-E	50MR16 NARROW SPOT, 12°, GU5.3
EXZ	50MR16 NARROW FLOOD, 25°, GU5.3
EXZ/CG	50MR16 NARROW FLOOD, CONSTANT COLOR™, 25°, GU5.3
EXZ/FG	50MR16 NARROW FLOOD-FRONT GLASS, 24°, GU5.3
EXZ/TAL	50MR16 NFL, 20°, TURN AND LOCK (TAL) W/ FRONT GLASS (GU7)
EXZ-E	50MR16 NARROW FLOOD LAMP, 24°, GU5.3
BBG	75MR16 NARROW FLOOD (EYJ), 25°, GU5.3
EYC	75MR16 FLOOD LAMP, 40°, GU5.3
EYC-E	75MR16 FLOOD LAMP, 40°, GU5.3
EYF	75MR16 NARROW SPOT LAMP, 15°, GU5.3
EYF-E	75MR16 NARROW SPOT, 15°, GU5.3
FX3T3	3W XENON FESTOON LAMP CLEAR
FX3T3-F	3W XENON FESTOON LAMP FROSTED
X5T3	5W XENON G4 BI-PIN CLEAR
X5T3/F	5W XENON G4 BI-PIN FROSTED
X5T3RL	5W XENON RIGID LOOP LAMP CLEAR
X5T3RL-F	5W XENON RIGID LOOP LAMP FROSTED
X5T3W	5W XENON WEDGE BASE, CLEAR
X5T3W/F	5W XENON WEDGE BASE, FROSTED
X5T3XL	5W XENON G4 BI-PIN 2 CLEAR
X10T3W	10W XENON WEDGE BASE, CLEAR
X10T3W/F	10W XENON WEDGE BASE, FROSTED
X35T4	35W XENON GY6.35 T5 CLEAR
X35T4/F	35W XENON GY6.35 T5 FROSTED
X50T4	50W XENON GY6.35 T5 CLEAR
X50T4/F	50W XENON GY6.35 T5 FROSTED

Line Voltage G9/GU10 Lamps

25G9/CLEAR120V	25 WATT, G9 BIPIN BASE, T4 BULB, 120V, AX2Q3 FILAMENT, CLEAR FINISH
25G9/FROST120V	25 WATT, G9 BIPIN BASE, T4 BULB, 120V, AX2Q3 FILAMENT, FROSTED FINISH
40G9/CLEAR120V	40 WATT, G9 BIPIN BASE, T4 BULB, 120V, AX2Q3 FILAMENT, CLEAR FINISH
40G9/FROST120V	40 WATT, G9 BIPIN BASE, T4 BULB, 120V, AX2Q3 FILAMENT, FROSTED FINISH
50PAR16/GU10/FL	50 WATT, GU10 BASE, PAR16, 120V

120 Volt PAR Lamps

3520-NFL	35W PAR20/CAP/NFL 120V, 30°, NARROW FLOOD
5020-NFL	50W PAR20/CAP/NFL, 30°, NARROW FLOOD
5020-NSP	50W PAR20/CAP/NSP, 10°, NARROW SPOT
5030/HIR-FL	50W PAR30 HIR FLOOD 25° 120V
5030/HIR-SP	50W PAR30 HIR SPOT 9° 120V
5030LN-NFL	50W PAR30LN/CAP/NFL/30 120V, 30°, NARROW FLOOD
5030LN-NSP	50W PAR30LN/CAP/NSP/9 120V, 9°, NARROW SPOT
5030-NFL	50W PAR30/CAP/NFL/30 120V, 30°, NARROW FLOOD
5030-NSP	50W PAR30/CAP/NSP/9 120V, 9°, NARROW SPOT
5516-NFL	60W PAR16/CAP/NFL, 30°, NARROW FLOOD
5516-NSP	60W PAR16/CAP/NSP, 10°, NARROW SPOT
7516-NFL	75W PAR16/CAP/NFL, 30°, NARROW FLOOD
7516-NSP	75W PAR16/CAP/NSP, 10°, NARROW SPOT
7530-FL	75W PAR30/CAP/FL, 120V, 40° FLOOD
7530-NFL	75W PAR30/CAP/NFL, 120V, 30° NARROW FLOOD
7530-NSP	75W PAR30/CAP/NSP, 120V, 9° NARROW SPOT
7538-FL	75W PAR38, 120V, 30° FLOOD
9038-FL	90W PAR38/CAP/FL, 120V, 30° FLOOD
9038-SP	90W PAR38/CAP/SP, 120V, 12° SPOT
10038/HIR-FL	100W PAR38 HIR FLOOD 25° 120V
10038/HIR-SP	100W PAR38 HIR SPOT 10° 120V

120 Volt Quartz Halogen Lamps

150Q/DC	150W T4 HALOGEN LAMP (ETF), DC BASE
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120 Volt A Lamps

60A/H	60A/HAL 120V, MB19, HALOGEN
60A19-HS	60W HALF SILVER LAMP, 120V

Metal Halide Ceramic Arc Tube Lamps

20111MH-SP	20W CDM-R111, GX8.5, SPOT, CMH
2016MH-FL	20W MR16 TWIST & LOCK, 25°, NFL, CMH

Number Description

Metal Halide Ceramic Arc Tube Lamps (con't.)

2016MH-SP	20W MR16 TWIST & LOCK, 12°, SPOT, CMH
2020MH-FL	20W PAR20 FLOOD, CMH
2020MH-SP	20W PAR20 SPOT, CMH
2030MH-NFL	20W PAR30LN NARROW FLOOD, CMH
2030MH-NSP	20W PAR30LN NARROW SPOT, CMH
2030MH-SP	20W PAR30LN SPOT, CMH
20BT5/PGJ5/30	22W BT5, PGJ5 TWIST & LOCK, CMH
20T4/GU6.5/30	20W GU6.5 TWIST & LOCK CMH
20T4.5/G12/30	20W T/U/830/G12, CMH
20TC/G8.5/30	20W T4.5 CMH
3520MH-FL	39W PAR20 FLOOD, 30°, CMH
3520MH-SP	39W PAR20 SPOT, 10°, CMH
3530MH-FL	39W PAR30LN FLOOD, 30°, CMH
3530MH-SP	39W PAR30LN SPOT, 10°, CMH
39111MH-FL	35W CDM-R111, GX8.5, FLOOD, CMH
39111MH-NFL	35W CDM-R111, GX8.5, NARROW FLOOD, CMH
39111MH-SP	35W CDM-R111, GX8.5, SPOT, CMH
3916MH/930-SP	39W MR16 TWIST & LOCK, SPOT, CMH
3916MH/930-FL	39W MR16 TWIST & LOCK, FLOOD, CMH
3916MH/930-WFL	39W MR16 TWIST & LOCK, WIDE FLOOD, CMH
39BT5/PGJ5/30	39W BT5, PGJ5 TWIST & LOCK, CMH
39T4/GU6.5/30	39W GU6.5 TWIST & LOCK CMH
39T6/G12/30	39W T6, G12, CLEAR UNIVERSAL, CMH
39TC/G8.5/30	39W T4.5, G8.5, CLEAR UNIVERSAL, CMH
5017MH-U	50W ED17P CLEAR UNIVERSAL, CMH, PROTECTED
5017MH-C-U	50W E17 COATED UNIVERSAL, CMH, PROTECTED
70111MH-FL	70W CDM-R111, GX8.5, 40° FLOOD, CMH
70111MH-NFL	70W CDM-R111, GX8.5, 24° NARROW FLOOD, CMH
70111MH-SP	70W CDM-R111, GX8.5, 10° SPOT, CMH
7017MH-C-U	70W ED17P, COATED, UNIVERSAL, CMH, PROTECTED
7017MH-U	70W ED17P CLEAR UNIVERSAL, CMH
7030MH-FL	70W PAR30LN FLOOD, 40°, CMH
7030MH-SP	70W PAR30LN SPOT, 10°, CMH
7038MH-FL	70W PAR38 FLOOD, 25°, CMH
7038MH-SP	70W PAR38 SPOT, 15°, CMH
7038MH-WFL	70W PAR38 WFL, 60°, CMH
70DEM/30	70W T6, R7S, RSC, CLEAR, CMH
70T6/G12/30	70W T6, G12, CLEAR UNIVERSAL, CMH
70TC/G8.5/30	70W T4.5, G8.5, CLEAR UNIVERSAL, CMH
10017MH-C-U	100W ED17P, COATED, UNIVERSAL, CMH, PROTECTED
10017MH-U	100W ED17P, CLEAR UNIVERSAL, CMH
10038MH-FL	100W PAR38 FLOOD, 25°, CMH
10038MH-SP	100W PAR38 SPOT, 15°, CMH
15017MH-C-U	150W ED17P, COATED, UNIVERSAL, CMH, PROTECTED
15017MH-U	150W ED17P, CLEAR, UNIVERSAL, CMH, PROTECTED
15038MH-FL	150W PAR38, FLOOD, 35°, CMH
15038MH-SP	150W PAR38, SPOT, 20°, CMH

Compact Fluorescent Lamps

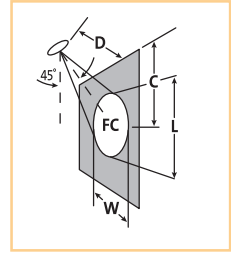
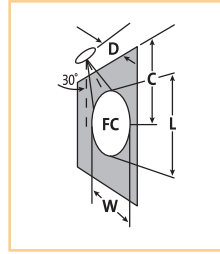
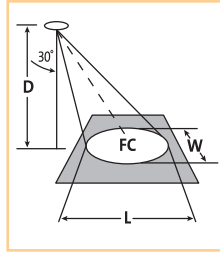
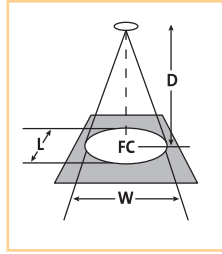
18T5/30	18W RS 1250 LUMENS, 3000K
18T5/35	18W RS 1250 LUMENS, 3500K
27T5/30	24/27W RS, 1800 LUMENS, 3000K
27T5/35	24/27W RS, 1800 LUMENS, 3500K
39T5/30	36/39W RS, 2850 LUMENS, 3000K
39T5/35	36/39W RS, 2850 LUMENS, 3500K
40T5/30	40W RS, 3150 LUMENS, 3000K
40T5/35	40W RS, 3150 LUMENS, 3500K
55T5/30	50/55W RS 4800 LUMENS, 3000K
55T5/35	50/55W RS 4800 LUMENS, 3500K
PL13D/27	13W 4-PIN QUAD 2700K, T4, GX24Q-1
PL13D/30	13W 4-PIN QUAD 3000K, T4, GX24Q-1
PL13D/35	13W 4-PIN QUAD 3500K, T4, GX24Q-1
PL18D/27	18W 4-PIN QUAD 2700K, T4, GX24Q-2
PL18D/30	18W 4-PIN QUAD 3000K, T4, GX24Q-2
PL18D/35	18W 4-PIN QUAD 3500K, T4, GX24Q-2
PL26T/27	26W 4-PIN TTT TRIPLE 2700K, T4, GX24Q-3
PL26T/30	26W 4-PIN TTT TRIPLE 3000K, T4, GX24Q-3
PL26T/35	26W 4-PIN TTT TRIPLE 3500K, T4, GX24Q-3
PL32T/27	32W 4-PIN TTT TRIPLE 2700K, T4, GX24Q-3
PL32T/30	32W 4-PIN TTT TRIPLE 3000K, T4, GX24Q-3
PL32T/35	32W 4-PIN TTT TRIPLE 3500K, T4, GX24Q-3
PL42T/30	42W 4-PIN TTT TRIPLE 3000K, T4, GX24Q-4
PL42T/35	42W 4-PIN TTT TRIPLE 3500K, T4, GX24Q-4



l a m p p e r f o r m a n c e c h a r t

(MH) is the distance from the fixture to illuminated surface. (FC) is initial footcandles at center of beam. Beam length (L) and beam width (W) are to where the candle power is reduced to 50% of the center beam candlepower. (CBCP) is center beam candlepower. (C) is the distance to the center of the beam from ceiling. (D) is the distance from the fixture to the wall.

Lamp data shown is typical, and is based on bare lamp photometrics. Contact lamp manufacturers for availability and performance.



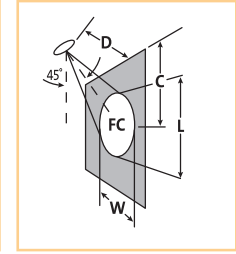
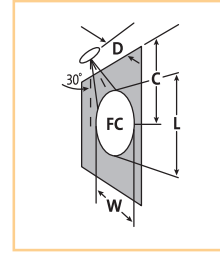
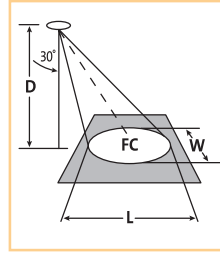
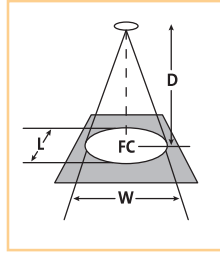
LOW VOLTAGE HALOGEN LAMPS				HORIZONTAL AIMING ANGLES								VERTICAL AIMING ANGLES										
Lamps	Beam Spread	CBCP	Rated Life	0° Aiming Angle				30° Aiming Angle				30° Aiming Angle				45° Aiming Angle						
				MH	FC	L	W	MH	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	
MR11 Low Voltage Halogen Lamps																						
20W SP	10°	4000	4000	4	344	0.7	0.7	4	223	0.9	0.8	2	3.5	172	1.4	0.7	2	2	486	0.7	0.5	
				6	153	1	1	6	99	1.4	1.2	3	5.2	76	2.1	1	3	3	216	1.1	0.7	
				8	86	1.4	1.4	8	56	1.9	1.6	4	6.9	43	2.9	1.4	4	4	122	1.4	1	
20W NFL	30°	600	3500	4	44	2.5	2.5	4	56	3.5	2.9	2	3.5	22	7.2	2.5	2	2	62	2.8	1.8	
				6	19	3.8	3.8	6	28	5.2	4.4	3	5.2	10	10.8	3.8	3	3	27	4.2	2.7	
				8	11	5	5	8	13	1.9	1.6	4	6.9	5	14.4	5	4	4	15	5.6	3.6	
35W SP	10°	3800	4000	6	106	1	1	6	69	1.4	1.2	3	5.2	53	2.8	1	3	3	149	1.1	0.7	
				8	59	1.4	1.4	8	39	1.9	1.6	4	6.9	30	2.9	1.4	4	4	84	1.4	1	
				10	38	1.7	1.7	10	25	2.3	2	5	8.7	19	3.6	1.7	5	5	54	1.8	1.2	
35W FL	35°	1500	4000	10	15	6.3	6.3	10	10	8.7	7.3	3	5.2	21	10.8	3.8	3	3	59	4.2	2.7	
				12	10	7.6	7.6	12	7	10.4	8.7	4	6.9	12	14.4	5	4	4	33	5.6	3.6	
				14	8	8.8	8.8	14	5	12.2	10.2	5	8.7	8	18	6.3	5	5	21	7	4.5	
MR16 Low Voltage Halogen Lamps																						
20W NSP	8°	6500	5000	9	80	1.3	1.3	9	52	1.7	1.5	4	6.9	51	2.3	1.1	4	4	144	1.1	0.8	
				12	45	1.7	1.7	12	29	2.2	1.9	5	8.7	33	2.8	1.4	5	5	92	1.4	1	
				16	25	2.2	2.2	16	16	3	2.6	6	10.4	23	3.4	1.7	6	6	64	1.7	1.2	
20W NSP ESX	13°	3750	5000	6	100	1.4	1.4	5	94	1.5	1.3	2	3.5	113	1.9	.9	3	3.1	141	1.4	1.0	
				8	56	1.8	1.8	7	48	2.1	1.8	3	5.2	50	2.8	1.4	5	5	51	2.3	1.6	
				10	36	2.3	2.3	9	29	2.7	2.4	4	6.9	28	3.8	1.8	7	7	26	3.2	2.3	
20W FL	36°	1000	5000	5	112	3.2	3.2	5	26	4.5	3.8	2	3.5	31	7.6	2.6	2	2	88	2.9	1.8	
				7	40	4.5	4.5	7	13	6.3	5.3	3	5.2	14	11.4	3.9	3	3	39	4.4	2.8	
				9	20	5.8	5.8	9	8	8.1	6.8	4	6.9	8	15.2	5.2	4	4	22	5.8	3.7	
20W FL BAB	40°	525	5000	2	58	2.2	2.2	3	38	3.0	2.5	2	3.5	16	9.7	2.9	3	3	21	5.0	3.1	
				4	33	2.9	2.9	4	21	4.1	3.4	3	5.2	7	14.5	4.4	4	4	12	6.7	4.1	
				3	21	3.6	3.6	5	14	5.1	4.2	4	6.9	4	19.3	5.8	5	5	7	8.4	5.1	
20W FL BAB/CG	40°	525	5000	3	58	2.2	2.2	3	38	3.0	2.5	2	3.5	16	9.7	2.9	3	3	21	5.0	3.1	
				4	33	2.9	2.9	4	21	4.1	3.4	3	5.2	7	14.5	4.4	4	4	12	6.7	4.1	
				5	21	3.6	3.6	5	14	5.1	4.2	4	6.9	4	19.3	5.8	5	5	7	8.4	5.1	
35W SP FMV	24°	3200	4000	6	108	2.1	2.1	5	101	2.4	2.0	2	3.5	122	3.1	1.4	3	3	153	2.2	1.5	
				8	61	2.8	2.8	7	52	3.3	2.9	3	5.2	54	4.7	2.1	5	5	55	3.6	2.5	
				10	39	3.5	3.5	9	31	4.3	3.7	4	6.9	30	6.2	2.8	7	7	28	5.1	3.5	
35W FL 24V FMW	40°	1000	4000	4	100	2.9	2.9	3	115	3.0	2.5	1	1.7	200	4.8	1.5	3	3	63	5.0	3.1	
				6	44	4.4	4.4	5	42	5.1	4.2	2	3.5	50	9.7	2.9	4	4	35	6.7	4.1	
				8	25	5.8	5.8	7	21	7.1	5.8	3	5.2	22	14.5	4.4	5	5	23	8.4	5.1	
35W FL FMW/CG	40°	920	4000	4	100	2.9	2.9	3	115	3.0	2.5	1	1.7	200	4.8	1.5	3	3	63	5.0	3.1	
				6	44	4.4	4.4	5	42	5.1	4.2	2	3.5	50	9.7	2.9	4	4	35	6.7	4.1	
				8	25	5.8	5.8	7	21	7.1	5.8	3	5.2	22	14.5	4.4	5	5	23	8.4	5.1	
35W WFL	60°	650	4000	3	72	3.5	3.5	3	47	5.2	4	2	3.5	20	**	4.6	2	2	57	6.9	3.3	
				4	41	4.6	4.6	4	26	6.9	5.3	3	5.2	9	**	6.9	3	3	26	10.4	4.9	
				5	26	5.8	5.8	5	17	8.7	6.7	4	6.9	5	**	9.2	4	4	14	13.9	6.5	
37W NSP	10°	13100	4000	9	162	1.6	1.6	9	105	2.1	1.8	4	6.9	102	2.9	1.4	4	4	289	1.4	1	
				12	91	2.1	2.1	12	59	2.8	2.4	5	8.7	66	3.6	1.7	5	5	185	1.8	1.2	
				15	58	2.6	2.6	15	38	3.5	3	7	10.4	45	4.3	2.1	7	7	129	2.1	1.5	
37W NFL	25°	4600	4000	6	128	2.7	2.7	6	83	3.6	3.1	3	5.2	64	6.2	2.7	3	3	181	2.8	1.9	
				8	72	3.5	3.5	8	47	4.8	4.1	4	6.9	36	8.3	3.5	4	4	102	3.7	2.5	
				10	46	4.4	4.4	10	30	6	5.1	5	8.7	23	10.4	4.4	5	5	65	4.7	3.1	
37W FL	40°	2500	4000	5	100	3.6	3.6	5	65	5.1	4.2	2	3.5	78	9.7	2.9	2	2	221	3.4	2.1	
				7	51	5.1	5.1	7	33	7.1	5.9	3	5.2	35	14.5	4.4	3	3	98	5	3.1	
				9	31	6.6	6.6	9	20	9.1	7.6	4	6.9	20	19.3	5.8	4	4	55	6.7	4.1	
37W IR Lensed NSP	10°	13100	4000	6	364	1.0	1.0	6	236	1.4	1.2	3	5.2	182	2.1	1.0	3	3	515	1.1	0.7	
				9	162	1.6	1.6	9	105	2.1	1.8	4	6.9	102	2.9	1.4	4	4	289	1.4	1.0	
				12	91	2.1	2.1	12	59	2.8	2.4	5	8.7	66	3.6	1.7	5	5	185	1.8	1.2	
37W IR Lensed NFL	25°	4600	4000	6	128	2.7	2.7	6	83	3.6	3.1	3	5.2	64	6.2	2.7	3	3	181	2.8	1.9	
				8	72	3.5	3.5	8	47	4.8	4.1	4	6.9	36	8.3	3.5	4	4	102	3.7	2.5	
				10	46	4.4	4.4	10	30	6.0	5.1	5	8.7	23	10.4	4.4	5	5	65	4.7	3.1	
37W IR Lensed FL	40°	2500	4000	5	100	3.6	3.6	5	65	5.1	4.2	2	3.5	78	9.7	2.9	2	2	221	3.4	2.1	
				7	51	5.1	5.1	7	33	7.1	5.9	3	5.2	35	14.5	4.4	3	3	98	5.0	3.1	
				9	31	6.6	6.6	9	20	9.1	7.6	4	6.9	20	19.3	5.8	4	4	55	6.7	4.1	

Lamp information courtesy Philips Lighting, Osram/Sylvania, Ushio, and GE Lighting.

** Due to steep aiming angle, length of beam extends beyond 25°. Each angle listed is measured from 0° vertical.

(MH) is the distance from the fixture to illuminated surface. **(FC)** is initial footcandles at center of beam. Beam length **(L)** and beam width **(W)** are where the candle power is reduced to 50% of the center beam candlepower. **(CBCP)** is center beam candlepower. **(C)** is the distance to the center of the beam from ceiling. **(D)** is the distance from the fixture to the wall.

Lamp data shown is typical, and is based on bare lamp photometrics. Contact lamp manufacturers for availability and performance.



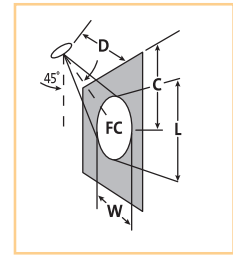
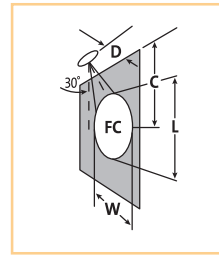
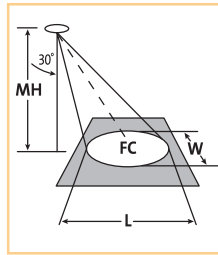
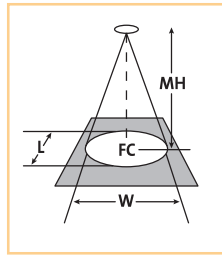
LOW VOLTAGE HALOGEN LAMPS				HORIZONTAL AIMING ANGLES				VERTICAL AIMING ANGLES															
Lamps	Beam Spread	CBCP	Rated Life	0° Aiming Angle				30° Aiming Angle				30° Aiming Angle				45° Aiming Angle							
				MH	FC	L	W	MH	FC	L	W	D	C	FC	L	W	D	C	FC	L	W		
MR16 Low Voltage Halogen Lamps																							
50W NSP	10°	15000	4000	12	36	5.2	5.2	12	23	7.6	6	2	3.5	28	**	4.2	2	2	80	5.7	2.9		
				16	18	7.3	7.3	16	12	10.7	8.4	3	5.2	13	**	6.2	3	3	35	8.6	4.4		
				20	11	9.4	9.4	20	7	13.7	10.8	4	6.9	7	**	8.3	4	4	20	11.4	5.9		
50W NSP EXT	14°	9100	4000	8	159	2.0	2.0	7	135	2.3	2.0	3	5.2	142	3.1	1.5	5	5	144	2.5	1.7		
				12	71	2.9	2.9	10	66	3.3	2.8	4	6.9	80	4.1	2.0	7	7	74	3.5	2.4		
				16	40	3.8	3.9	13	39	4.3	3.7	5	8.7	51	5.1	2.5	9	9	45	4.5	3.1		
50W NSP EXT/CG	14°	8400	4000	8	159	2.0	2.0	7	135	2.3	2.0	3	5.2	142	3.1	1.5	5	5	144	2.5	1.7		
				12	71	2.9	2.9	10	66	3.3	2.8	4	6.9	80	4.1	2.0	7	7	74	3.5	2.4		
				16	40	3.9	3.9	13	39	4.3	3.7	5	8.7	51	5.1	2.5	9	9	45	4.5	3.1		
50W NFL	24°	5100	4000	8	104	2.1	2.1	8	68	2.8	2.4	5	8.7	75	3.6	1.7	5	5	212	1.8	1.2		
				12	59	2.8	2.8	12	38	3.7	3.2	6	10.4	52	4.3	2.1	6	6	147	2.1	1.5		
				16	38	3.5	3.5	16	24	4.7	4	7	12.1	38	5	2.4	7	7	108	2.5	1.7		
50W NFL EXZ	27°	3200	6000	6	94	2.9	2.9	5	88	3.3	2.8	2	3.5	106	4.6	1.9	3	3	134	3.1	2.0		
				8	53	3.8	3.8	7	45	4.6	3.9	3	5.2	47	7.0	2.9	5	5	48	5.1	3.4		
				10	34	4.8	4.8	9	27	5.9	5.0	4	6.9	27	9.3	3.6	7	7	25	7.1	4.8		
50W NFL EXZ/CG	27°	3200	6000	6	94	2.9	2.9	5	88	3.3	2.8	2	3.5	106	4.6	1.9	3	3	134	3.1	2.0		
				8	53	3.8	3.8	7	45	4.6	3.9	3	5.2	47	7.0	2.9	5	5	48	5.1	3.4		
				10	34	4.8	4.8	9	27	5.9	5.0	4	6.9	27	9.3	3.6	7	7	25	7.1	4.8		
50W FL	38°	2500	4000	6	80	3.4	3.4	6	52	4.6	3.9	3	5.2	71	5.9	2.6	3	3	200	2.7	1.8		
				8	35	5.1	5.1	8	23	6.9	5.9	4	6.9	40	7.9	3.4	4	4	113	3.6	2.4		
				10	20	6.8	6.8	10	13	9.2	7.9	5	8.7	26	9.8	4.3	5	5	72	4.5	3		
50W FL EXN	40°	1700	6000	4	116	2.9	2.9	3	134	3.0	2.5	1	1.7	231	4.8	1.5	3	3	73	5.0	3.1		
				6	51	4.4	4.4	5	48	5.1	4.2	2	3.5	58	9.7	2.9	4	4	41	6.7	4.1		
				8	29	5.8	5.8	7	25	7.1	5.9	3	5.2	26	14.5	4.4	5	5	26	8.4	5.1		
50W FL EXN/CG	40°	1500	6000	4	116	2.9	2.9	3	134	3.0	2.5	1	1.7	231	4.8	1.5	3	3	73	5.0	3.1		
				6	51	4.4	4.4	5	48	5.1	4.2	2	3.5	58	9.7	2.9	4	4	41	6.7	4.1		
				8	29	5.8	5.8	7	25	7.1	5.9	3	5.2	26	14.5	4.4	5	5	26	8.4	5.1		
50W WFL	55°	900	6000	5	69	4.1	4.1	5	45	5.7	4.8	2	3.5	78	8.6	2.8	2	2	221	3.1	1.9		
				7	39	5.5	5.5	7	25	7.6	6.4	3	5.2	35	12.8	4.1	3	3	98	4.7	2.9		
				9	25	6.9	6.9	9	16	9.6	8	4	6.9	20	17.1	5.5	4	4	55	6.3	3.9		
50W IR NSP	10°	15000	4000	8	234	1.4	1.4	6	152	1.9	1.6	4	6.9	117	2.9	1.4	4	4	331	1.4	1.0		
				12	104	2.1	2.1	9	68	2.8	2.4	5	8.7	75	3.6	1.7	5	5	212	1.8	1.2		
				16	59	2.8	2.8	12	38	3.7	3.2	6	10.4	52	4.3	2.1	6	6	147	2.1	1.5		
50W IR NFL	24°	5100	4000	4	319	1.7	1.7	4	207	2.3	2.0	2	3.5	159	3.9	1.7	2	2	451	.8	1.2		
				8	80	3.4	3.4	8	52	4.6	3.9	3	5.2	71	5.9	2.6	3	3	200	2.7	1.8		
				12	35	5.1	5.1	12	23	6.9	5.9	4	6.9	40	7.9	3.4	4	4	113	3.6	2.4		
50W IR FL	38°	2500	4000	6	69	4.1	4.1	6	45	5.7	4.8	2	3.5	78	8.6	2.8	2	2	221	3.1	1.9		
				8	39	5.5	5.5	8	25	7.6	6.4	3	5.2	35	12.8	4.1	3	3	98	4.7	2.9		
				10	25	6.9	6.9	10	16	9.6	8.0	4	6.9	20	17.1	5.5	4	4	55	6.3	3.9		
71W MR16/C NSP	15°	11500	4000	8	219	1.4	1.4	7	186	1.6	1.4	3	5.2	194	2.1	1	5	5	198	1.8	1.2		
				12	97	2.1	2.1	10	91	2.3	2	4	8.9	109	2.9	1.4	7	7	101	2.5	1.7		
				16	55	2.8	2.9	13	54	3	2.6	5	8.7	70	3.6	1.7	9	9	61	3.2	2.5		
71W MR16 NFL	25°	5500	4000	8	86	3.5	3.5	8	56	4.9	4.1	3	5.2	76	6.2	2.7	3	3	216	2.8	1.9		
				12	38	5.3	5.3	12	25	7.2	6.1	4	6.9	43	8.3	3.5	4	4	122	3.7	2.5		
				16	21	7.1	7.1	16	14	9.6	8.2	5	8.7	28	10.4	4.4	5	5	78	4.7	3.1		
71W MR16/C FL	40°	2200	4000	6	59	3.8	3.8	5	65	4.5	3.8	2	3.5	78	7.5	2.6	4	4	55	5.8	3.7		
				8	39	5.2	5.2	7	33	6.3	5.3	3	5.2	35	11.4	3.9	5	5	35	7.3	4.6		
				10	25	6.5	6.5	9	20	6.1	6.6	4	6.9	20	15.2	5.2	6	6	25	6.7	5.5		

Lamp information courtesy Philips Lighting, Osram/Sylvania, Ushio, and GE Lighting.

** Due to steep aiming angle, length of beam extends beyond 25'. Each angle listed is measured from 0° vertical.

(MH) is the distance from the fixture to illuminated surface. (FC) is initial footcandles at center of beam. Beam length (L) and beam width (W) are to where the candle power is reduced to 50% of the center beam candlepower. (CBCP) is center beam candlepower. (C) is the distance to the center of the beam from ceiling. (D) is the distance from the fixture to the wall.

Lamp data shown is typical, and is based on bare lamp photometrics. Contact lamp manufacturers for availability and performance.

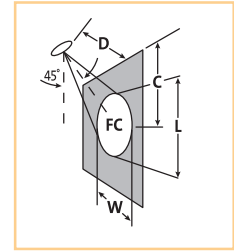
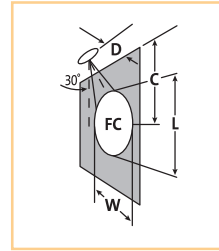
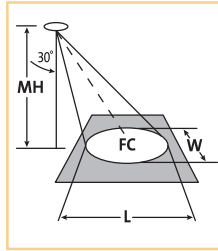
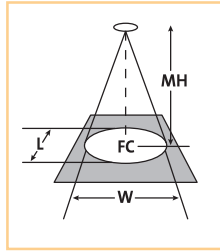


LOW VOLTAGE HALOGEN LAMPS				HORIZONTAL AIMING ANGLES								VERTICAL AIMING ANGLES									
Lamps	Beam Spread	CBCP	Rated Life	0° Aiming Angle				30° Aiming Angle				30° Aiming Angle				45° Aiming Angle					
				MH	FC	L	W	MH	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
AR111 Low Voltage Halogen Lamps																					
35W AR111 SSP	4°	40000	3000	16	156	1.1	1.1	16	101	1.5	1.3	10	17.3	50	2.8	1.4	10	10	141	1.4	1
				20	100	1.4	1.4	20	65	1.9	1.6	14	24.2	26	3.9	2	14	14	72	2	1.4
				24	69	1.7	1.7	24	45	2.2	1.9	18	31.2	15	5	2.5	18	18	44	2.5	1.8
35W AR111 SP	8°	14000	3000	16	55	2.2	2.2	16	36	3	2.6	6	10.4	49	3.4	1.7	6	6	137	1.7	1.2
				20	35	2.8	2.8	20	23	3.7	3.2	8	13.9	27	4.5	2.2	8	8	77	2.2	1.6
				24	24	3.4	3.4	24	16	4.5	3.9	10	17.3	18	5.7	2.8	10	10	49	2.8	2
35W AR111 FL	25°	2500	3000	8	39	3.5	3.5	8	25	4.8	4.1	3	5.2	35	6.2	2.7	3	3	98	2.8	1.9
				10	25	4.4	4.4	10	16	6	5.1	4	6.9	20	8.3	3.5	4	4	55	3.7	2.5
				12	17	5.3	5.3	12	11	7.2	6.1	5	8.7	13	10.4	4.4	5	5	35	4.7	3.1
50AR111 NSP	4°	50000	3000	15	222	1.3	1.3	10	325	1.2	1.0	5	8.7	250	1.8	0.9	8	8	276	1.4	1.0
				20	125	1.7	1.7	15	144	1.7	1.5	8	13.9	98	2.6	1.4	12	12	123	2.1	1.5
				25	80	2.2	2.2	20	81	2.3	2.0	11	19.1	52	3.9	1.9	16	16	69	2.8	2.0
50AR111 SP	8°	20000	3000	10	200	1.7	1.7	8	203	1.9	1.6	4	6.9	156	2.9	1.4	6	6	196	2.1	1.5
				15	89	2.6	2.6	12	90	2.8	2.8	6	10.4	69	4.3	2.1	9	9	87	3.2	2.2
				20	50	3.5	3.5	16	51	3.7	3.2	8	13.9	39	5.7	2.8	12	12	49	4.2	3.0
50AR111 FL	25°	3500	3000	6	83	3.2	3.2	5	78	3.7	3.1	2	3.5	94	5.5	2.1	3	3	118	3.5	2.3
				8	47	4.3	4.3	7	40	5.1	4.3	3	5.2	42	8.2	3.2	5	5	42	5.8	3.6
				10	30	5.4	5.4	9	24	6.6	5.6	4	6.9	23	10.9	4.3	7	7	22	8.1	5.3
75W AR111 SP	8°	30000	3000	14	153	2	2	14	99	2.6	2.3	6	10.4	104	3.4	1.7	6	6	295	1.7	1.2
				18	93	2.5	2.5	18	60	3.4	2.9	8	13.9	59	4.5	2.2	8	8	166	2.2	1.6
				22	62	3.1	3.1	22	40	4.1	3.6	10	17.3	38	5.7	2.8	10	10	106	2.8	2
75W AR111 FL	25°	53000	3000	6	147	2.7	2.7	6	63	3.6	3.1	3	5.2	74	6.2	2.7	3	3	280	2.8	1.9
				8	83	3.5	3.5	8	54	4.8	4.1	4	6.9	41	8.3	3.5	4	4	117	3.7	2.5
				10	53	4.4	4.4	10	34	6	5.1	5	8.7	27	10.4	4.4	5	5	75	4.7	3.1
75W AR111 WFL	45°	1700	3000	5	68	4.1	4.1	5	44	5.9	4.8	1	1.7	213	6.8	1.7	1	1	601	2	1.2
				7	35	5.8	5.8	7	23	8.2	6.7	2	3.5	53	14	3.3	2	2	150	4	2.3
				9	21	7.5	7.5	9	14	10	8.6	3	5.2	24	20	5	3	3	67	6	3.5
LINE VOLTAGE HALOGEN LAMPS																					
PAR16 Line Voltage Halogen Lamps																					
45W PAR16 NSP	10°	5000	2000	8	78	1.4	1.4	8	51	1.9	1.6	3	5.2	69	2.1	1	3	3	196	1.1	0.7
				10	50	1.7	1.7	10	32	2.3	2	4	6.9	39	2.9	1.4	4	4	110	1.4	1
				12	35	2.1	2.1	12	23	2.8	2.4	5	8.7	25	3.6	1.7	5	5	71	1.8	1.2
45W PAR16 NFL	27°	1400	2000	5	56	2.4	2.4	5	119	3.3	2.8	2	3.5	44	4.6	1.9	2	2	124	2	1.4
				7	29	3.4	3.4	7	36	4.6	3.9	3	5.2	19	7	2.9	3	3	55	3.1	2
				9	17	4.3	4.3	9	11	5.9	5	4	6.9	11	9.3	3.8	4	4	31	4.1	2.7
60W PAR16 NSP	10°	5000	2000	8	78	1.4	1.4	8	51	1.9	1.6	3	5.2	69	2.1	1	3	3	196	1.1	0.7
				10	50	1.7	1.7	10	32	2.3	2	4	6.9	39	2.9	1.4	4	4	110	1.4	1
				12	35	2.1	2.1	12	23	2.8	2.4	5	8.7	25	3.6	1.7	5	5	71	1.8	1.2
60W PAR16 NFL	30°	1300	2000	6	36	3.2	3.2	6	23	4.4	3.7	3	5.2	18	8.2	3.2	3	3	51	3.5	2.3
				8	20	4.3	4.3	8	13	5.9	5	4	6.9	10	10.9	4.3	4	4	29	4.6	3
				10	13	5.4	5.4	10	8	7.3	6.2	5	8.7	7	13.7	5.4	5	5	18	5.8	3.8
75W PAR16 NSP	10°	7500	2000	8	117	1.4	1.4	8	76	1.9	1.6	3	5.2	104	2.1	1	3	3	295	1.1	0.7
				10	75	1.7	1.7	10	49	2.3	2	4	6.9	59	2.9	1.4	4	4	166	1.4	1
				12	52	2.1	2.1	12	34	2.8	2.4	5	8.7	38	3.6	1.7	5	5	106	1.8	1.2
75W PAR16 NFL	30°	1900	2000	6	53	3.2	3.2	6	34	4.4	3.7	3	5.2	26	8.2	3.2	3	3	75	3.5	2.3
				8	30	4.3	4.3	8	19	5.9	5	4	6.9	15	10.9	4.3	4	4	42	4.6	3
				10	19	5.4	5.4	10	12	7.3	6.2	5	8.7	10	13.7	5.4	5	5	27	5.8	3.8
PAR20 Line Voltage Halogen Lamps																					
50W PAR20 SP	10°	4600	2500	8	72	1.4	1.4	8	47	1.9	1.6	3	5.0	64	2.1	1.0	3	3	181	1.1	0.7
				10	46	1.7	1.7	10	30	2.3	2.0	4	6.9	36	2.9	1.4	4	4	102	1.4	1.0
				12	32	2.1	2.1	12	21	2.8	2.4	5	8.7	23	3.6	1.7	5	5	65	1.8	1.2
50W PAR20 FL	30°	1200	2500	5	48	2.7	2.7	5	31	3.7	3.1	3	5.2	17	8.2	3.2	3	3	47	3.5	2.3
				6	33	3.2	3.2	6	22	4.4	3.7	4	6.9	9	10.9	4.3	4	4	27	4.6	3.0
				7	25	3.8	3.8	7	16	5.1	4.3	5	8.7	6	13.7	5.4	5	5	17	5.8	3.8

Lamp information courtesy Philips Lighting, Osram/Sylvania, Ushio, and GE Lighting.

(MH) is the distance from the fixture to illuminated surface. (FC) is initial footcandles at center of beam. Beam length (L) and beam width (W) are to where the candle power is reduced to 50% of the center beam candlepower. (CBCP) is center beam candlepower. (C) is the distance to the center of the beam from ceiling. (D) is the distance from the fixture to the wall.

Lamp data shown is typical, and is based on bare lamp photometrics. Contact lamp manufacturers for availability and performance.



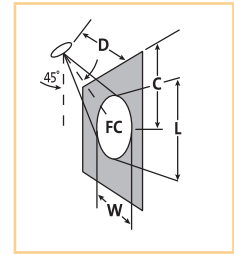
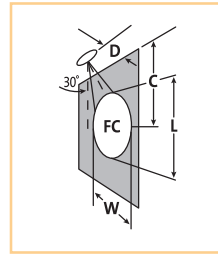
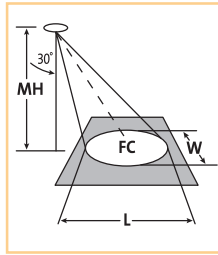
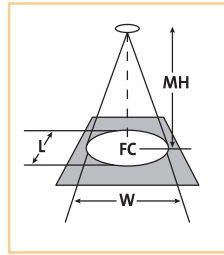
LINE VOLTAGE HALOGEN LAMPS				HORIZONTAL AIMING ANGLES								VERTICAL AIMING ANGLES										
Lamps	Beam Spread	CBCP	Rated Life	0° Aiming Angle				30° Aiming Angle				30° Aiming Angle				45° Aiming Angle						
				MH	FC	L	W	MH	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	
PAR30 Line Voltage Halogen Lamps																						
50W PAR30 SP	10°	6900	3000	8	108	1.4	1.4	8	70	1.9	1.6	4	6.9	54	2.9	1.4	4	4	152	1.4	1.0	
				10	69	1.7	1.7	10	45	2.3	2.0	5	8.7	35	3.6	1.7	5	5	98	1.8	1.2	
				12	48	2.1	2.1	12	31	2.8	2.4	6	10.4	24	4.3	2.1	6	6	68	2.1	1.5	
50W PAR30 NFL	25°	2700	3000	6	61	2.7	2.7	6	49	3.6	3.1	3	5.2	38	6.2	2.7	3	3	106	2.8	1.9	
				8	42	3.5	3.5	8	27	4.8	4.1	4	6.9	21	8.3	3.5	4	4	60	3.7	2.5	
				10	27	4.4	4.4	10	19	6	5.1	5	8.7	14	10.4	4.4	5	5	38	4.7	3.1	
50W PAR30 FL	35°	1500	3000	5	60	3.2	3.2	5	39	4.3	3.6	2	3.5	47	7.2	2.5	2	2	133	2.8	1.8	
				7	31	4.4	4.4	7	20	6.1	5.1	3	5.2	21	10.8	3.8	3	3	59	4.2	2.7	
				9	19	5.7	5.7	9	12	7.8	6.6	4	6.9	12	14.4	5	4	4	33	5.6	3.6	
50W PAR30 IR SP	9°	13000	3000	6	361	0.9	0.9	6	235	1.3	1.1	4	6.9	102	2.6	1.3	4	4	287	1.3	0.9	
				8	203	1.3	1.3	8	132	1.7	1.5	5	8.7	65	3.2	1.6	5	5	184	1.6	1.1	
				10	130	1.6	1.6	10	84	2.1	1.8	6	10.4	45	3.8	1.9	6	6	128	1.9	1.3	
50W PAR30 IR NFL	25°	2700	3000	6	75	2.7	2.7	6	49	3.6	3.1	3	5.2	38	6.2	2.7	3	3	106	2.8	1.9	
				8	42	3.5	3.5	8	27	4.8	4.1	4	6.9	21	8.3	3.5	4	4	60	3.7	2.5	
				10	27	4.4	4.4	10	19	6.0	5.1	5	8.7	14	10.4	4.4	5	5	38	4.7	3.1	
50W PAR30 IR FL	35°	1500	3000	5	60	3.2	3.2	5	39	4.3	3.6	2	3.5	47	7.2	2.5	2	2	133	2.8	1.8	
				7	31	4.4	4.4	7	20	6.1	5.1	3	5.2	21	10.8	3.8	3	3	59	4.2	2.7	
				9	19	5.7	5.7	9	12	7.8	6.6	4	6.9	12	14.4	5.0	4	4	33	5.6	3.6	
75W PAR30 NSP	9°	15400	2500	8	219	1.3	1.3	7	186	1.5	1.3	3	5.2	194	1.9	0.9	5	5	196	1.6	1.1	
				12	97	1.9	1.9	10	91	2.1	1.8	4	6.9	109	2.6	1.3	7	7	10	12.2	1.6	
				16	55	2.5	2.5	13	54	2.7	2.4	5	8.7	70	3.2	1.6	9	9	61	2.9	2	
75W PAR30 NFL	25°	4000	2500	8	50	4.3	4.3	7	42	5.1	4.3	3	5.2	44	8.2	3.2	5	5	45	5.8	3.8	
				10	32	5.4	5.4	9	26	6.6	5.6	4	6.9	25	10.9	4.3	7	7	23	8.1	5.3	
				12	22	6.4	6.4	11	17	8.1	6.8	5	8.7	16	13.7	5.4	9	9	14	10.4	6.6	
75W PAR30 FL	40°	2100	2500	6	56	4.4	4.4	5	52	5.1	4.2	2	3.5	63	9.7	2.9	4	4	44	6.7	4.1	
				8	31	5.8	5.8	7	27	7.1	5.9	3	5.2	28	14.5	4.4	5	5	28	8.4	5.1	
				10	20	7.3	7.3	9	16	9.1	7.6	4	6.9	16	19.3	5.8	6	6	20	10.1	6.2	
PAR38 Line Voltage Halogen Lamps																						
60W PAR38 IR SP	10°	20000	3000	12	139	2.1	2.1	12	90	2.8	2.4	7	12.1	51	5	2.4	7	7	144	2.5	1.7	
				16	78	2.8	2.8	16	51	3.7	3.2	9	15.6	31	6.4	3.1	9	9	87	3.2	2.2	
				20	50	3.5	3.5	20	32	4.7	4	11	19.1	21	7.9	3.8	11	11	58	3.9	2.7	
60W PAR38 IR FL	30°	3600	3000	8	56	4.3	4.3	8	37	5.9	5	3	5.2	50	8.2	3.2	3	3	141	3.5	2.3	
				10	36	5.4	5.4	10	23	7.3	6.2	4	6.9	28	10.9	4.3	4	4	80	4.6	3	
				12	25	6.4	6.4	12	16	8.8	7.4	5	8.7	18	13.7	5.4	5	5	51	5.8	3.8	
60W PAR38 IR WFL	40°	2000	3000	7	41	5.1	5.1	7	27	7.1	5.9	2	3.5	63	9.7	2.9	2	2	177	3.4	2.1	
				8	31	5.8	5.8	8	20	8.1	6.7	3	5.2	28	14.5	4.4	3	3	79	5	3.1	
				9	25	6.6	6.6	9	16	9.1	7.6	4	6.9	16	19.3	5.8	4	4	44	6.7	4.1	
70W PAR38 SP	15°	50000	10000	12	347	3.2	3.2	12	226	4.2	3.6	6	10.4	174	6.7	3.2	6	6	491	3.2	2.2	
				14	255	3.7	3.7	14	166	4.9	4.3	8	13.9	98	8.9	4.2	8	8	276	4.3	3.0	
				16	195	4.2	4.2	16	127	5.6	4.9	10	17.3	63	11.1	5.3	10	10	177	5.4	3.7	
70W PAR38 FL	25°	18000	10000	10	180	4.4	4.4	10	117	6.0	5.1	4	6.9	141	8.3	3.5	4	4	398	3.7	2.5	
				12	125	5.3	5.3	12	81	7.2	6.1	6	10.4	63	12.5	5.3	6	6	177	5.6	3.8	
				14	92	6.2	6.2	14	60	8.4	7.2	8	13.9	35	16.6	7.1	8	8	99	7.5	5.0	
70W PAR38 WFL	60°	5000	10000	10	50	11.5	11.5	10	32	17.3	13.3	3	5.2	69	**	6.9	3	3	196	10.4	4.9	
				12	35	13.9	13.9	12	23	20.8	16.0	4	6.9	39	**	9.2	4	4	110	13.9	6.5	
				14	26	16.2	16.2	14	17	24.2	18.7	5	8.7	25	**	11.5	5	5	71	17.3	8.2	
90W PAR38 SP	12°	12000	3000	10	120	2.1	2.1	10	78	2.8	2.4	4	6.9	94	3.5	1.7	4	4	265	1.7	1.2	
				12	83	2.5	2.5	12	54	3.4	2.9	5	8.7	60	10.4	4.4	5	5	78	2.1	1.5	
				14	61	2.9	2.9	14	40	3.9	3.4	6	10.4	42	5.2	2.5	6	6	118	2.6	1.8	
90W PAR38 FL	30°	3600	3000	7	73	3.8	3.8	7	48	5.1	4.3	3	5.2	50	8.2	3.2	3	3	141	3.5	2.3	
				9	44	4.8	4.8	9	29	6.6	5.6	4	6.9	28	10.9	4.3	4	4	80	4.6	3.0	
				11	30	5.9	5.9	11	19	8.1	6.8	5	8.7	18	13.7	5.4	5	5	51	5.8	3.8	
90W PAR38 WFL	55°	950	3000	9	12	9.4	9.4	9	8	13.7	10.8	3	5.2	13	**	6.2	3	3	37	8.6	4.4	
				10	10	10.4	10.4	10	6	15.3	12	4	6.9	7	**	8.3	4	4	21	11.4	5.9	
				11	8	11.5	11.5	11	5	16.8	13.2	5	8.7	5	**	10.4	5	5	13	14.3	7.4	
150W PAR38 SP	12°	18000	750	15	102	3.1	3.1	10	116	3.6	3	5	5.8	540	1.8	1.6	8	11	141	3.8	2.8	
				20	58	4.2	4.2	15	52	5.4	4.74	8	9.2	211	2.6	2.3	12	17	62	5.5	4	
				25	37	5.2	5.2	20	30	5.6	4.8	11	12.7	111	3	3.5	16	22	35	7.2	5.2	
150W PAR38 FL	30°	4500	750	8	102	4	4	7	68	4.2	3.8	3	3.5	375	2.6	2.3	5	7	90	6.2	4.2	
				12	45	7.3	7.3	10	37	7	6.3	4	4.6	211	3.3	2.9	7	10	46	8.5	5.7	
				16	25	9	9	13	17	8	7.5	5	5.8	135	4.1	3.5	9	13	28	10.8	7.2	

Lamp information courtesy Philips Lighting, Osram/Sylvania, Ushio, and GE Lighting.

** Due to steep aiming angle, length of beam extends beyond 25°. Each angle listed is measured from 0° vertical.

(MH) is the distance from the fixture to illuminated surface. (FC) is initial footcandles at center of beam. Beam length (L) and beam width (W) are to where the candle power is reduced to 50% of the center beam candlepower. (CBCP) is center beam candlepower. (C) is the distance to the center of the beam from ceiling. (D) is the distance from the fixture to the wall.

Lamp data shown is typical, and is based on bare lamp photometrics. Contact lamp manufacturers for availability and performance.



CERAMIC METAL HALIDE LAMPS				HORIZONTAL AIMING ANGLES								VERTICAL AIMING ANGLES											
Lamps	Beam Spread	CBCP	Rated Life	0° Aiming Angle				30° Aiming Angle				30° Aiming Angle				45° Aiming Angle							
				MH	FC	L	W	MH	FC	L	W	D	C	FC	L	W	D	C	FC	L	W		
MR16 Ceramic Metal Halide Lamps																							
20W MR16 SP	12°	9000	12000	6	250	1.3	1.3	6	162	1.7	1.5	3	5.2	125	2.6	1.3	3	3	354	1.3	.9		
				8	141	1.7	1.7	8	91	2.3	1.9	4	6.9	70	3.5	1.7	4	4	199	1.7	1.2		
				10	90	2.1	2.1	10	58	2.8	2.4	5	8.7	45	4.3	2.1	5	5	127	2.1	1.5		
20W MR16 FL	25°	2900	12000	6	81	2.7	2.7	6	52	3.6	3.1	3	5.2	40	6.2	2.7	3	3	114	2.8	1.9		
				8	45	3.5	3.5	8	29	4.8	4.1	4	6.9	23	8.3	3.5	4	4	64	3.7	2.5		
				10	29	4.4	4.4	10	19	6	5.1	5	8.7	15	10.4	4.4	5	5	41	4.7	3.1		
20W MR16 WFL	40°	1500	12000	6	42	4.4	4.4	6	27	6.1	5	3	5.2	21	14.5	4.4	3	3	59	5	3.1		
				8	23	5.8	5.8	8	15	8.1	6.7	4	6.9	12	19.3	5.8	4	4	33	6.7	4.1		
				10	15	7.3	7.3	10	10	10.2	8.4	5	8.7	8	24	7.3	5	5	21	8.4	5.1		
39W MR 16 SP	12°	16000	12000	6	444	1.3	1.3	6	289	1.7	1.5	3	5.2	222	2.6	1.3	3	3	629	1.3	0.9		
				8	250	1.7	1.7	8	162	2.3	1.9	4	6.9	125	3.5	1.7	4	4	354	1.7	1.2		
				10	160	2.1	2.1	10	104	2.8	2.4	5	8.7	80	4.3	2.1	5	5	226	2.1	1.5		
39W MR 16 FL	25°	5500	12000	6	153	2.7	2.7	6	99	3.6	3.1	3	5.2	76	6.2	2.7	3	3	216	2.8	1.9		
				8	86	3.5	3.5	8	56	4.8	4.1	4	6.9	43	8.3	3.5	4	4	122	3.7	2.5		
				10	55	4.4	4.4	10	36	6	5.1	5	8.7	28	10.4	4.4	5	5	78	4.7	3.1		
39W MR 16 WFL	40°	3000	12000	6	83	4.4	4.4	6	54	6.1	5	3	5.2	42	14.5	4.4	3	3	118	5	3.1		
				8	47	5.8	5.8	8	30	8.1	6.7	4	6.9	23	19.3	5.8	4	4	66	6.7	4.1		
				10	30	7.3	7.3	10	19	10.2	8.4	5	8.7	15	24.2	7.3	5	5	42	8.4	5.1		
PAR20 Ceramic Metal Halide Lamps																							
39W PAR20 SP	10°	23000	9000	12	160	2.1	2.1	12	104	2.8	2.4	6	10.4	80	1.3	2.1	6	6	226	2.1	1.5		
				14	117	2.4	2.4	14	73	3.3	2.8	8	13.9	45	5.7	2.8	8	8	127	2.8	2.0		
				16	90	2.8	2.8	16	58	3.7	3.2	10	17.3	29	7.2	3.5	10	10	81	3.5	2.5		
39W PAR20 FL	30°	5000	9000	8	78	4.3	4.3	8	51	5.9	5.0	3	5.2	69	8.2	3.2	3	3	196	3.5	2.3		
				10	50	5.4	5.4	10	32	4.3	6.2	4	6.9	39	10.9	4.3	4	4	110	4.6	3.0		
				12	35	6.4	6.4	12	23	8.8	7.4	5	8.7	25	13.7	5.4	5	5	71	5.8	3.8		
PAR30 Ceramic Metal Halide Lamps																							
39W PAR30 SP	10°	44000	9000	15	187	2.6	2.6	10	273	2.3	2	5	8.7	210	3.6	1.7	8	8	232	2.8	2		
				20	105	3.5	3.5	15	121	3.5	3	8	13.9	82	5.7	2.8	12	12	103	4.2	3		
				25	67	4.4	4.4	20	68	4.7	4	11	19.1	43	7.9	3.8	16	16	58	5.5	4		
39W PAR30 FL	30°	7400	9000	7	153	3.8	3.8	6	135	4.4	3.7	2	3.5	234	5.5	2.1	4	4	166	4.6	3		
				10	75	5.4	5.4	9	60	6.6	5.6	3	5.2	104	8.2	3.2	6	6	74	6.9	4.5		
				13	44	7	7	12	34	8.8	7.4	4	6.9	59	10.9	4.3	8	8	41	9.2	6.1		
70W PAR30 SP	10°	68000	9000	15	276	2.6	2.6	10	403	2.3	2	5	8.7	310	3.6	1.7	8	8	143	2	2		
				20	155	3.5	3.5	15	179	3.5	3	8	13.9	121	5.7	2.9	12	12	152	4.2	3		
				25	99	4.4	4.4	20	101	4.7	4	10	19.1	64	7.9	3.5	18	16	86	5.6	4		
70W PAR30 FL	40°	10000	9000	7	184	5.1	5.1	6	162	6.1	5	2	3.5	181	9.7	2.9	4	4	199	6.7	4.1		
				10	90	7.3	7.3	9	72	9.1	7.6	3	5.2	125	14.5	4.4	6	6	88	10.1	6.2		
				13	53	9.5	9.5	12	41	12.2	10.1	4	6.9	70	19.3	5.8	8	8	50	13.4	8.2		
PAR38 Ceramic Metal Halide Lamps																							
70W PAR38 SP	15°	50000	10000	15	222	3.9	3.9	10	325	3.5	3	5	8.7	250	5.6	2.6	8	8	276	4.3	3		
				20	125	5.3	5.3	15	144	5.3	4.6	8	13.9	98	8.9	4.2	12	12	123	6.4	4.5		
				25	80	6.6	6.6	20	81	7.1	6.1	11	19.1	52	12.2	5.8	16	16	69	8.6	6		
70W PAR38 FL	26°	18000	10000	8	281	3.5	3.5	7	239	4.2	3.6	3	5.2	250	6.2	2.7	5	5	255	4.7	3.1		
				12	125	5.3	5.3	10	117	6	5.1	4	6.9	141	8.3	3.5	7	7	130	6.5	4.4		
				16	70	7.1	7.1	13	69	7.8	6.7	5	8.7	90	10.4	4.4	9	9	79	8.4	5.6		
70W PAR38 WFL	60	5000	10000	10	50	11.5	11.5	10	32	17.3	13.3	3	5.2	69	**	6.9	3	3	196	10.4	4.9		
				12	35	13.9	13.9	12	23	20.8	16	4	6.9	39	**	9.2	4	4	110	13.9	6.5		
				14	26	16.2	16.2	14	17	24.2	18.7	5	8.7	25	**	11.5	5	5	71	17.3	8.2		

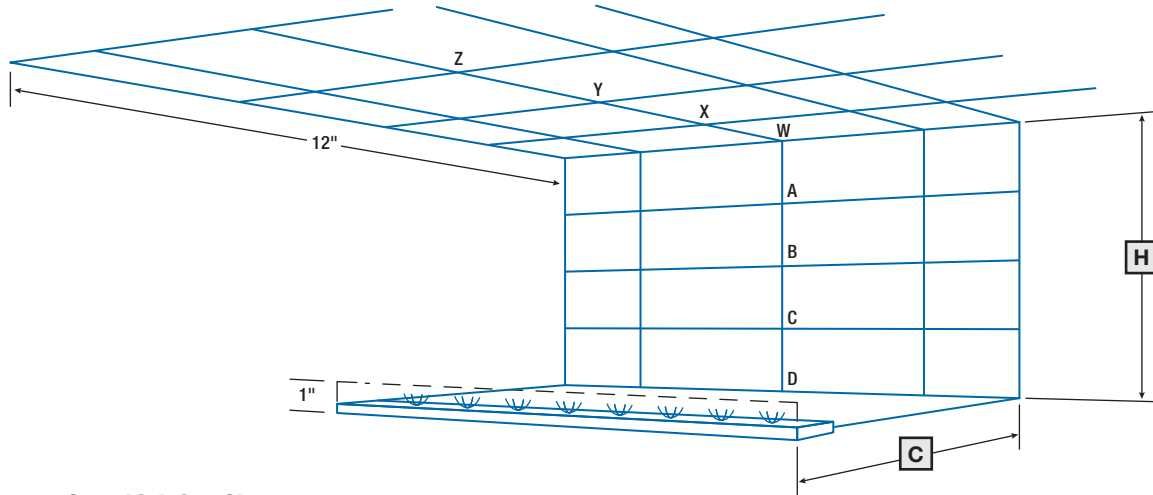
Lamp information courtesy Philips Lighting, Osram/Sylvania, Ushio, and GE Lighting.

** Due to steep aiming angle, length of beam extends beyond 25'. Each angle listed is measured from 0° vertical.



Office photo by Con-Tech Lighting.

Cove Lighting



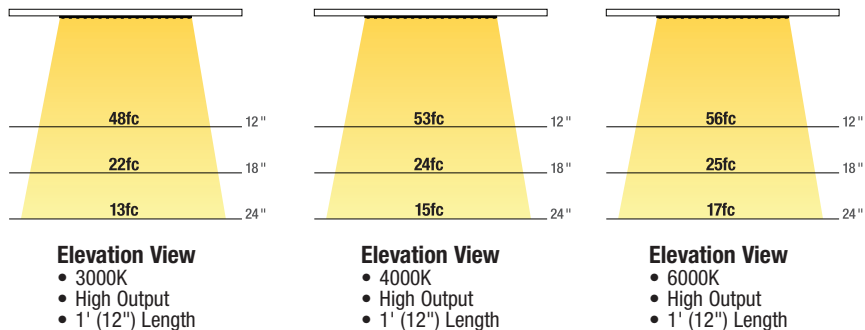
Cove Lighting Chart

Lamp	Lamp Spacing from Wall (in.) C	O.C. Lamp Spacing (in.)	Cove Height (in.) H	Footcandles on Vertical Plane (Wall)				Footcandles on Horizontal Plane (Ceiling)			
				A	B	C	D	W	X	Y	Z
10W	3	3	6	170	219	284	298	229	443	192	88
10W	3	3	9	117	146	233	282	203	284	179	87
10W	3	3	12	83	106	186	274	169	198	152	83
5W	3	3	6	68	91	113	114	93	179	78	36
5W	3	3	9	47	59	91	108	82	114	72	35
5W	3	3	12	32	51	83	102	59	62	57	40
10W	4	4	6	133	157	176	177	136	292	204	84
10W	4	4	9	91	115	154	164	129	209	178	83
10W	4	4	12	68	83	130	157	116	154	138	82
5W	4	4	6	54	62	71	68	55	117	82	35
5W	4	4	9	36	47	61	63	52	84	72	34
5W	4	4	12	27	33	51	60	47	62	55	33

Lamp Key: 5W = MCT101-B, 10W = MCT101-B Alternative Suggestion: MCT201 or MCT301

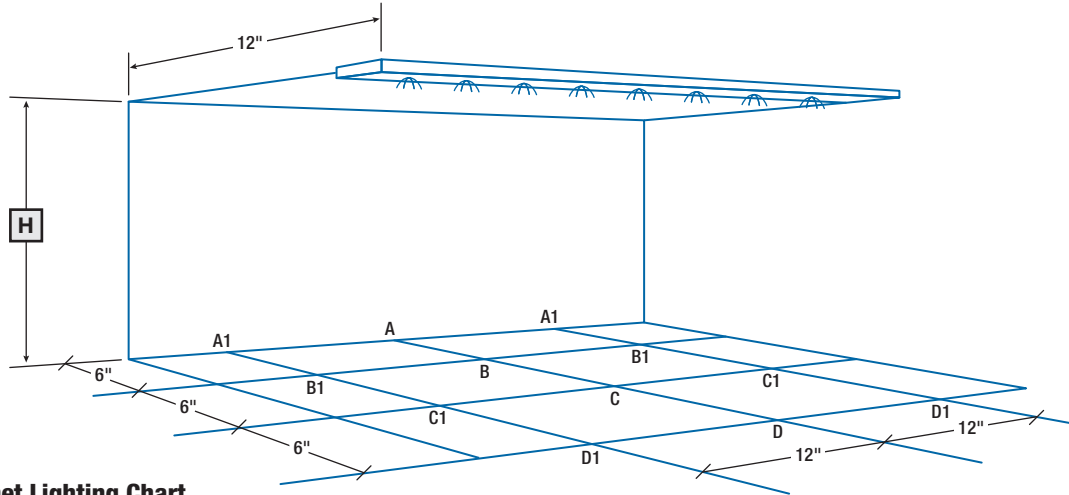
Notes:
 Test reflectances are 70%
 8 fixtures were used in each of these tests
 The fixtures in the track were aimed up with the lamp to the right

Tapelight Photometric Data



For Standard Output, Multiply Results by .33

Undercabinet Lighting



Undercabinet Lighting Chart

Lamp	Total Number of Fixtures	Lamp Spacing from Wall (in.)	O.C. Lamp Spacing (in.)	Cabinet Elevation (in.) [H]	Footcandles on Horizontal Plane									
					A	A1*	B	B1*	C	C1*	D	D1*	E	E1*
5W	8	12	3	12	19	12	32	20	74	44	29	18	13	9
5W	8	12	3	18	16	10	27	18	39	27	25	17	11	8
5W	8	12	3	24	13	9	21	15	23	19	19	14	10	8
3W	8	12	3	12	9	6	16	10	38	23	14	9	6	4
3W	8	12	3	18	8	5	13	9	20	14	12	9	6	4
3W	8	12	3	24	7	5	10	8	12	10	9	7	5	4
5W	6	12	4	12	14	9	24	14	56	33	21	13	10	6
5W	6	12	4	18	12	8	20	14	29	21	18	13	8	6
5W	6	12	2	24	10	7	15	12	17	14	14	11	7	6
5W	4	12	6	12	10	6	16	10	37	22	15	9	6	4
5W	4	12	6	18	8	5	14	9	20	14	12	9	6	4
5W	4	12	6	24	7	5	10	8	12	9	9	8	5	4
10W	4	12	6	12	24	15	40	24	93	55	36	22	15	10
10W	4	12	6	18	19	13	34	22	49	34	31	21	13	10
10W	4	12	6	24	16	12	26	19	29	23	23	18	12	10
10W	6	12	4	12	35	22	59	36	139	82	53	33	23	16
10W	6	12	4	18	29	19	50	34	73	51	46	31	20	15
10W	6	12	4	24	25	17	28	29	44	35	35	27	18	14
10W	4	12	8	12	21	14	34	26	79	58	31	24	14	10
10W	4	12	8	18	18	13	31	22	46	34	28	21	13	10
10W	4	12	8	24	15	11	24	19	28	23	22	17	11	9
10W (2)	4	12	8	12	36	23	56	40	91	66	50	37	23	17
10W (2)	4	12	8	18	31	21	43	30	54	39	38	28	22	17
10W (2)	4	12	8	24	25	18	31	23	35	27	27	21	18	15

Lamp Key: 5W = MCT101-B, 3W = MCT101-B, 10W = MCT101-B, 10W (2) = MCT102-B Alternative Suggestion: MCT201 or MCT301

Notes: Test reflectances are 70%

*This value is the average of the left and the right points

The 24" track was located on the front lip of a 24" long cabinet

Inside Cabinet Lighting

Lamp	O.C. Lamp Spacing (in.)	Cabinet Height (in.)	Cabinet Length (in.)	Cabinet Depth (in.)	Footcandles Across from Each Lamp, Measured from the Top of the Cabinet (in.)								
					4.5	7.5	10.5	13.5	16.5	19.5	22.5	25.5	
3W	3	30	36	9	44	53	58	58	56	51	42	33	

Lamp Key: 3W = MCT101-B Alternative Suggestion: MCT201

Notes: Test reflectances are 70%

6 fixtures were used in each of these tests

The 24" track was centered vertically and horizontally, and the lamp end of the fixture was up



Restaurant Photo by Con-Tech Lighting.

Product	Page	Product	Page	Product	Page	Product	Page
12" STEM	111	BL3SC-WW	470	CRS140QR	159	CRS7246LEDQR(C,W)	161
12" STEM(A)	111, 220	CA12	232, 233	CRS280QR	160	CRS7246QR	161, 248
120MR16	342	CA16	232, 233	CRS281	166	CRS7247LEDQRW	161, 244
15042 LENS	63	CAF12	231	CRS281QR	159	CRS7486LEDQR	242
15142 LOUVER-P	63	CAF16	231	CRS290	171	CRS7486LEDQR(C,W)	161
1518 LENS	63	CF6	275	CRS2901	171	CRS7486QR	161, 248
1518 LOUVER-C/N	63	CF8	279	CRS293	171	CRS7487LEDQRW	161, 244
1527 LOUVER	63	CGF12	225	CRS2941	172	CRS752	173
1527 LOUVER-P	63	CGF8	221	CRS2942	172	CRS757	173
1527N LENS	63	CGI12	227	CRS2943	172	CRS7592	171
1539 LENS	63	CGI8	223	CRS2943-6M	172	CRS7594	171
1539 LOUVER-C/N	63	GGL12	224	CRS2944	172	CRS7598	171
1539N LOUVER-WH	63	GGL8	220	CRS295	172	CRS7726LEDQR	242
1540 LOUVER-C/N	63	CGM12	226	CRS2964	171	CRS7726LEDQR(C,W)	161
1540 LOUVER-P	63	CGM8	222	CRS2968	171	CRS7726QR	161, 248
1623/24	338	CI6	277	CRS297	173	CRS7727LEDQRW	161, 244
1624 Socket-75W	338	CI8	281	CRS298QR	159	CRS7966LEDQR	242
18" STEM	111	CIP60-USF	112	CRS318	174	CRS7966LEDQR(C,W)	161
18" STEM(A)	111, 220	CL6EM	274	CRS320	171	CRS7966QR	161, 248
18-2 SOL CL2P	464	CL8EM	278	CRS3296QR	161	CRS7967LEDQRW	161, 244
24" STEM	111	CM111	451	CRS3296QR	241	CRS-CANOPY	173
24" STEM(A)	111, 220	CM114	451	CRS332	172	CRS-DQRCD	163
3 PC Powercord	479	CM12	229, 230	CRS35406	169	CRS-DQRCT	162, 248
30" STEM	111	CM211	452	CRS35434	169	CRS-FEEDWIRE-3M	171
30" STEM(A)	111, 220	CM215	452	CRS3546	169	CRS-FEEDWIRE-6M	171
347V	384	CM317	453	CRS355	172	CRS-LVTQR	104, 162, 248
36" STEM	111	CM560	456	CRS381	168	CRS-LVTQRD	104, 163
36" STEM(A)	111, 220	CM561	456	CRS381QR	160	CRS-MAGQR	162, 173, 248
3PP2	479	CM562	456	CRS382	168	CRS-MG	164, 170, 182
3PP3	479	CM565	455	CRS383	168	CRS-ODYQR	162, 187, 248
3PP90	479	CM566	455	CRS396	172	CRS-ODYQRD	163, 187
40 KIT	497	CM567	455	CRS397	172	CRS-QDC-S-ST	173
48" STEM	111	CM6	276	CRS400	166	CRS-QDCT-S-ST	173
48" STEM(A)	111, 220	CM603	454	CRS400QR	159	CRS-QRC	162
6" STEM	111	CM8	280	CRS44156	167	CRS-QRCD	163
6" STEM(A)	111, 220	CMCFP	234	CRS44156QR	160	CRS-QRCT	162, 248
8T FRT INSERT	104, 108	CMCFPL	236	CRS4426	168	CRS-QRSC	162
A1635-BL	208	COUPLING	111, 220	CRS4537	167	CRS-QRSCT	162, 248
BD16	83	CP-Chicago Plenum	384	CRS4537QR	159	CRS-SP130	160, 167, 180
BD16A	34, 97	CRS END CAP	173	CRS586	172	CRS-STAR	159, 167, 181
BD20	83	CRS105712	171	CRS5862	172	CRS-SYMQR	129, 162, 248
BD30	54, 83	CRS105724	171	CRS5864	172	CRS-TQRCD	163
BD38	83, 34	CRS1066	168	CRS5868	172	CRS-TQRCT	162, 248
BD40	34, 54, 83	CRS121012QR	162	CRS596N	168	CS36	497
BD56	83	CRS121024QR	162	CRS596QR	160	CSK6	274
BD60	83	CRS12106QR	162	CRS653	172	CSK12	274
BD70	54, 83, 182	CRS129	167	CRS6532	172	CSK18	274
BD830	83	CRS129QR	160	CRS697QR	160	CSK24	274
BL3JM-WW	470	CRS140	167	CRS7246LEDQR	242	CSK30	274

Product	Page	Product	Page	Product	Page	Product	Page
CSK36	274	CTL1524/HO	62	CTL5030	74	CTL802810L406	30
CSK48	274	CTL1527N	58	CTL5030H20	51	CTL802818L	24
CST402V-P-CLR	307, 337	CTL1532	59	CTL5030H39	51	CTL802818LH	25
CST403V-P	307, 337	CTL1539N	58	CTL5030H70	51	CTL802839MTL	40
CST404V-P-CLR	307, 337	CTL1540	59	CTL5030S/20MH	48	CTL8028A22MBT	39
CST405V-P	307, 337	CTL1540N	59	CTL5030S/39MH	48	CTL8028A39MBT	39
CST4322L	295	CTL1542N	60	CTL5030S/70MH	48	CTL8028AR111	88
CST4322V-CLR	312, 349, 381	CTL1554/HO	62	CTL5038	74	CTL8028F22MBT	41
CST4322V-PL	312, 349, 381	CTL1555N	61	CTL5038/10-MH	51	CTL8028F39MBT	41
CST4326L	295	CTL1610/10-MH	52	CTL5038/70-MH	51	CTL8028HF22	49
CST44	310	CTL1610/20-MH	52	CTL5038LEM	30	CTL8028HF39	49
CST46	314	CTL1610/35-MH	52	CTL5038LGM	30	CTL8028HM22	49
CST6322L2	297	CTL1610/70-MH	52	CTL520	73	CTL8028HM39	49
CST6322V-CLR	317, 356, 395	CTL1610S/20MH	52	CTL5256	78	CTL8028HS22	49
CST6322V-PL	317, 356, 395	CTL1610S/39MH	52	CTL530	73	CTL8028HS39	49
CST6323V-CLR	317, 356, 395	CTL1610S/70MH	52	CTL536/111	94	CTL8028M22MBT	41
CST6323V-PL	317, 356, 395	CTL1638	75	CTL540	74	CTL8028M39MBT	41
CST6326L2	297	CTL171	29	CTL600	76	CTL8028S22MBT	41
CST64	310	CTL2016	93	CTL601	75	CTL8028S39MBT	41
CST6422H-	358, 385	CTL20G12WW	47	CTL602	75	CTL80292020MH	44
CST6423H-	358, 385	CTL20G85WW	46	CTL603	75	CTL80292039MH	44
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