

RAB LED

Affordable LED Outdoor Lighting

LPACK™ LED WALLPACK



WPLED10
Surface Mount
pp 22-23

WPLED10W
Junction Box

WPLED13
Junction Box

WPLED20
Surface Mount

BLED™ LED BOLLARD



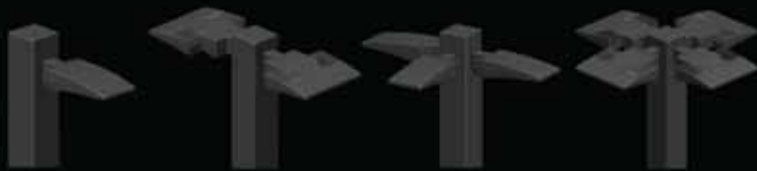
BLED10
BLED13
pp 130-131

BLED2X10
BLED2X13

BLED20

BLED2X20

ALED™ LED AREA LIGHT



ALED10
ALED13
pp 76-77

ALED20

ALED10
ALED13

ALED20

LFLOOD™ LED FLOODLIGHT



HBLEDD10W
HBLEDD13W
White
pp 42-43

HBLEDD10VG
HBLEDD13VG
Verde Green

HBLEDD10B
HBLEDD13B
Black

HBLEDD10A
HBLEDD13A
Bronze

RAB LIGHTING

RAB
LIGHTING

WALLPACKS

FLOODLIGHTS

AREA LIGHTING

SENSORS

CEILING LIGHTS

VANDALPROOF

LANDSCAPE LIGHTS

VAPORPROOF

EXPLOSIONPROOF

WEATHERPROOF

2010

RAB
LIGHTING

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Northvale, New Jersey 07647 USA
Tel: 888 RAB-1000 • Fax: 888 RAB-1232 • www.rabweb.com

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WALLPACKS



WPLED10 WPLED10S WPLED20 Tallpack WP1C WP1FC WP2 WP2C WP2FC WP3C WP4FC YardBlaster

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FLOODLIGHTS - LED - HID - CFL



LFLOOD Future Flood Future Flood CFL EZ Flood Flexflood Flexflood XL Floodzilla Megaflood Floodinator

42

FLOODLIGHTS - PAR



H101 HB101 + Visor H1H HID Flood HBH HID Flood LFM16 LF20 LFP38S R90 R90M

58

FLOODLIGHTS - QUARTZ



QF500F QF200F QF150F QB1W QB2 SOB1 SOB2 Q1W Q3 QF300 QF1500 QF500P

64

AREA LIGHTING



ALED10 & 13 ALED20 AJ Pole Mount AJ Wall Mount AJ Flat Wall Mount AL Pole Mount AL Wall Mount AL Slipfitter ALX Pole Mount ALX Wall Mount ALX Flat Wall Mount

76

POLES & BRACKETS



4" Square Steel Poles MCB MAB BSF Bracket BWALL9 BAD Pole Adapter BTA Poletop Adapter BULL2 BULL3 BULL4 GOOSE1 ARM24

84

SENSORS - OUTDOOR



STEALTH 360 STEALTH 360X + chime STEALTH 110 STEALTH 200 STEALTH Kit Gotcha Gotcha Floodlight Kit Luminator Tuff Dome Mini Sensor WPLED w/ Mini Sensor

88

SENSORS - INDOOR



LOS800CA SB180W SMS Mini Sensor LOS2500 LOS2400 LOS1000 STUFF STASK24

110

CEILING FIXTURES



RBAY4 RBAY6 BH 16" Aluminum BH 22" Aluminum BH 16" Prismatic BH 22" Prismatic BL 16" Alum + Lens BL 22" Alum + Lens BL 16" Pris + Lens BL 22" Pris + Lens

118

VANDALPROOF



VANG VAN1 VAN3 VAN5 VAN2 Smart VAN3 VAN6 VAN11 VAN15

124

LANDSCAPE



BLED10 BLED20 MP19 TAC MCAP LLD Dometop LL22 LL23 LL322 LL323 PLF13 PLF39

130

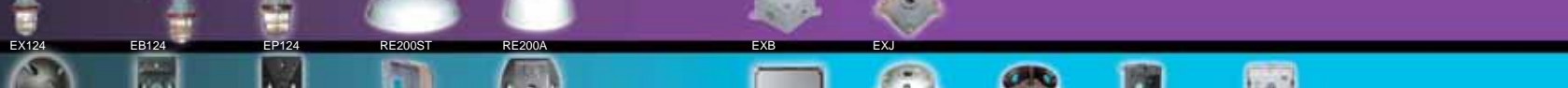
VAPORPROOF



VX2 VXBR2 VC100DG VP100DG VX100DG VBR100DG VBF Guards Globes Permaglobes

142

EXPLOSIONPROOF



EX124 EB124 EP124 RE200ST RE200A EXB EXJ

156

WEATHERPROOF



C100 R3T R14-3 Turtle CU4 GFI-H VXJ1 VXC B3 BD3

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RAB products and materials are protected by U.S. and foreign patents, trademarks and copyrights, including those listed on various pages of this publication.

Over 60 Years of Innovation

1940's

- RAB invents the first swivel floodlight with fully enclosed wiring



p152

1950's

- RAB "Permaglobe" the first unbreakable lighting globes



1960's

- RAB Permaglobes light Michelangelo's "Pieta" at the NY World's Fair

1980's

- RAB invents LightAlert! - the first motion activated security light
- RAB Explosionproof lights NASA's Space Shuttle Launch Tower



p110



1990's

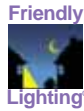
- RAB Occupancy Sensors win "Product of the Year" award
- RAB gondolas revolutionize lighting merchandising

2000

- RAB introduces a full line of Friendly Lighting products to reduce glare and light pollution



p32



2002

- RAB Vaporproof fixtures form the Olympic Rings in Salt Lake City- the largest sign in the history of the world!
- RAB Tuff Dome wins NAED "Best of the Best" Award



p102



p90



p114

2004

- RAB introduces the first sensors with "Can't Miss"™ detection

2006

- New Full Cutoff Wallpacks, Floodzilla, FXL, and VAN5 Lights
- RAB celebrates its 60th Anniversary!



p24



p32



p48



p52



p126

2007

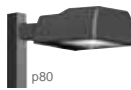
- RAB launches EZ Lighting Layouts online!
- RAB introduces Poles and High Bays



p120

2008

- RAB introduces Area Lighting, Self-Ballasted CFL Fixtures, Emergency Battery Back-up Systems and more



p80



p76

2009

- RAB Greendolans showcase energy efficient lighting
- RAB introduces new Tallpack and 250/400 watt Wallpacks
- RAB introduces LPACK Affordable LED Outdoor Lighting. Wall, Bollard and Pole mount versions.



p28



p36



p22

2010

- New LFLOOD, high performance LED Wallpacks, Area Lights and Bollards.



p42



p22



p76



p78



p130

Service With A Smile

- Friendly People, Fast Answers
- No Voice Mail
- Quick Job Quotes & Lighting Layouts
- Great Customer Service
- Knowledgeable Tech Help
- Hundreds of years of lighting experience at your service
- Four generations of family ownership



Left to Right Front Row:

Frank, Terri, Terry, Dave, Ross, Richard, Steve, Vinny, Randy, Laura

2nd & 3rd Row Staggered:

Mathew, Ken, Lynn, Eric, Shawn, Matt, Bob, Noreen, Leslie, Eileen, Grace, Ian, Mike, Tamara, Linda, Algoo, Lisa, Rosa, Emily, Lauren, Sandra, Amber

Left to Right Back Row :

Mary Ann, Alex, Amy, Rick, Derick, Alan, Miguel, Joan, Janice, Rodney, Eric, Jeanne, Raymond, Lana, Nat and Dan

888 RAB-1000

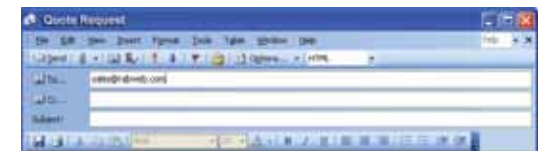
Toll Free expert tech help from the RAB Technical Support Team 8AM-6PM ET, M-F

sales@rabweb.com

e-mail questions, requests and orders

applications@rabweb.com

e-mail layout requests for Fast and Free Lighting Application Engineering



Lots In Stock

	5,000+ Poles & Area Lights		12,000+ LED Fixtures
	33,000+ Wallpacks		68,000+ Quartz Floods
	7,000+ Vandalproof & Vaporproof		50,000+ HID Floods
	117,000+ Sensors		62,000+ Landscape Floods

Over 400,000 Fixtures In Stock Near You.



We Help You Sell



PACKAGING

- Easy product identification even from a distance
- Easy product selection with large photos
- Product features inform buyers at the point of sale
- Spanish and French translations of product features
- Easy inventory with UPC coding
- Ballast & Lamp Data make wiring calculations easy
- Get easy answers with RAB's Toll Free Tech Helpline and website
- Photometric Data for easy lighting layouts



MERCHANDISING

- RAB Gondola Headers put sample products on display
- Graphics make product categories easy to identify
- Informative Green Lighting Merchandising
- Counter cards and literature help explain product features
- Operating Counter Displays show product benefits in operation
- Eye-catching Displays make product selection easy
- Colorful, informative Counter Mats packed with product information
- Product brochures help electricians sell to their customers



Lighting Rules of Thumb

Wall Mounted Lighting



How Far Out Do You Want to Light?



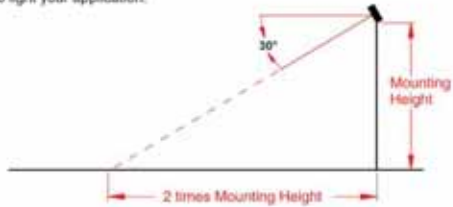
How Many Fixtures Do You Need?



Area Lighting

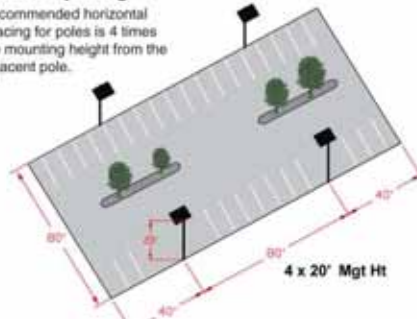
Fixture Aiming

Look for Product Selector Icons. With a few clicks you can select the fixture you need to light your application.



Fixture Spacing

Recommended horizontal spacing for poles is 4 times the mounting height from the adjacent pole.



Flag Lighting

Recommended Fixture by Flag Pole Height

Pole Height	10'-15'	15'-20'	20'-25'	25'-30'	30'-40'
Residential	LF20 VR300F HB101 FFH50 HBLED10	VR300F HB101 FFH70 HBLED13	VR300F HB101 FXH70QT HBLED13	FXH70QT	HBHH100VQT
Commercial	EZH500T FXH70QT HBLED10	EZH700T HBHH70VQT FXH100QT HBLED10/13	EZH1000T FXH150QT HBLED13	FXH175QT FZH250QT MEGH250QT	HBHH100VQT FZH400QT MEGH400QT

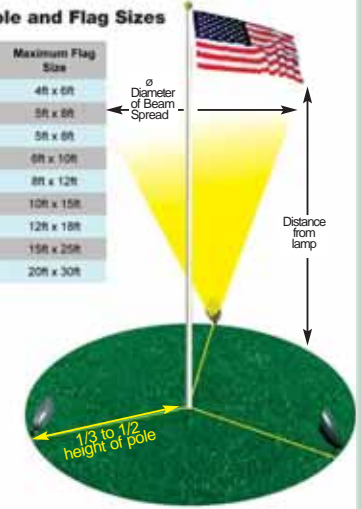
- Use at least 2, preferably 3 lights in a triangle so that the flag is well lit no matter which direction the wind is blowing
- Set the fixtures away from the pole base 1/3 to 1/2 the height of the pole
- Choose a lamp beam spread with the right diameter for the flag size at its flying height
- Choose a lamp wattage that will supply a footcandle level about 5 times brighter than the ambient level (10-15fc for 2-3c residential areas and 20-25 for public flags in bright 4-5c areas)
- Try to shield the light source from view using hoods or visors

Recommended Pole and Flag Sizes

Height of Flagpole	Minimum Flag Size	Maximum Flag Size
15 ft	2.5h x 4ft	4ft x 6ft
20 ft	3ft x 5ft	5ft x 8ft
25 ft	3ft x 5ft	5ft x 8ft
30 ft	4ft x 6ft	6ft x 10ft
40 ft	5ft x 8ft	8ft x 12ft
50 ft	6ft x 10ft	10ft x 15ft
60 ft	8ft x 12ft	12ft x 18ft
70 ft	10ft x 15ft	15ft x 25ft
80 ft	10ft x 19ft	20ft x 30ft



NEW! HBLED 10 or 13 watt LED See Page 42



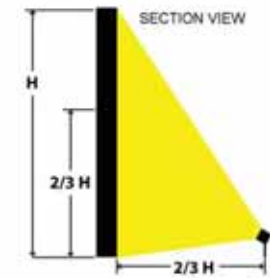
Select the fixture that is right for you



Sign Lighting

Sign / Facade Lighting

Fixtures should be setback from and aimed up approximately 2/3 the height of the vertical surface. Fixtures should be horizontally spaced (center to center) @ 1.5x the Height of the vertical surface



Easy Online Tools

You Can Do It Yourself Online

www.lightinglayouts.com

Create Layouts Online Print Specs, Layouts and Quotes to Win jobs!

EZ Layout Software Application



View the EZ Layout Training Video

Create your own lighting layouts quick and easy - just click here

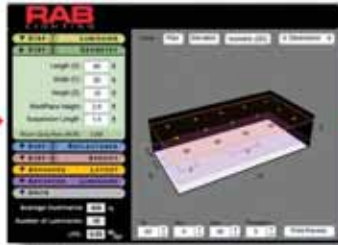
Get the information you need to do the job right

Determine the light levels you need

Easy Indoor Layouts



Select the fixture you need at www.rabweb.com



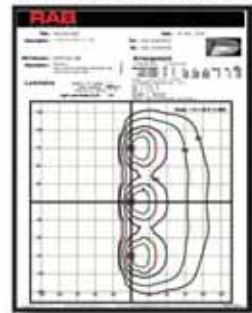
Click on the EZ Lighting Layouts Tab on the product page. Adjust fixture criteria as needed.



Print the file or save and send as a PDF document.

Make Professional Job Submittal Presentations

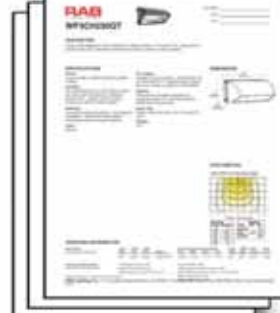
Print it. Send it. Win it!



Layout



Luminaire Schedules



Spec Sheets

Navigating – www.rabweb.com

Learn about “Whats New” at RAB!

For new product literature & brochures click the ABOUT button and select **What's New**.
View, download or print. Its that easy!



Product Selectors



Look for Product Selector Icons. With a few clicks you can select the fixture you need to light your application.



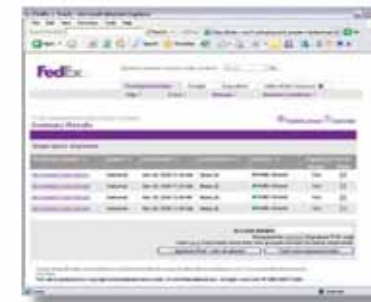
Distributor Locator

Locator maps for RAB Distributors with easy to follow driving instructions

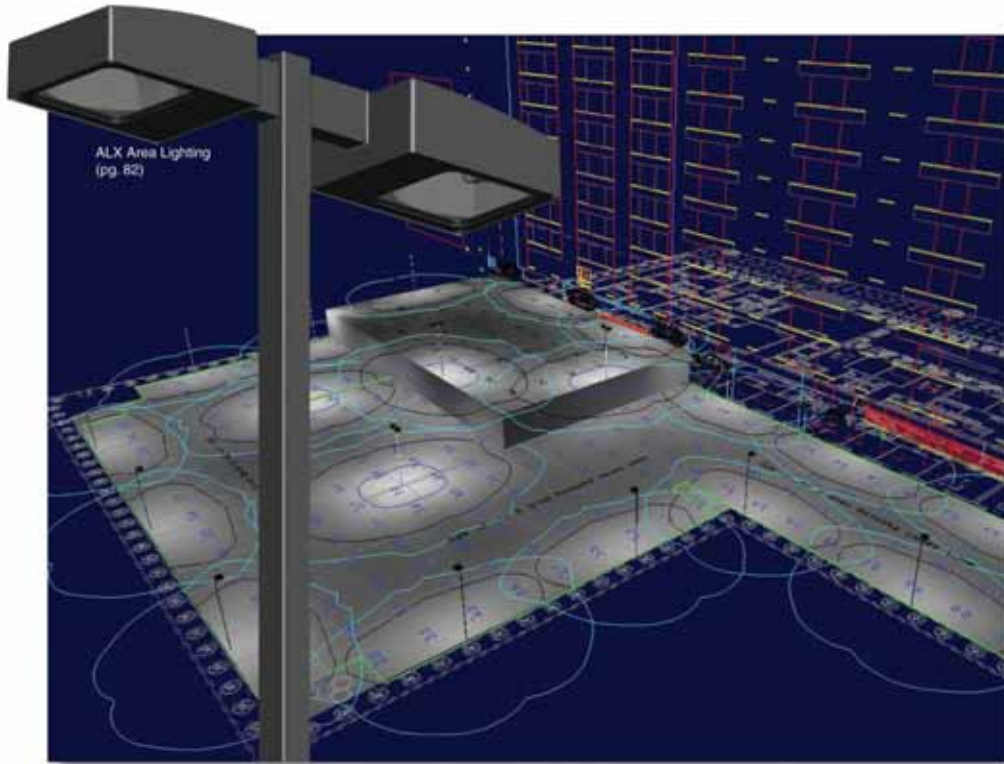


Order & Tracking Account Info

Order tracking with shipper links, order entry, account status, pricing, availability and order history. (Password protected & viewable only by distributors)



Engineering Experts



ALX Area Lighting (pg. 82)

Performance Visualizations

Night Time Simulation Renderings using AG32 software based on IES LM-79 Testing



ALED10 Area Light @ 10 ft. Mounting Height

70 Watt MH Area Light @ 10 ft. Mounting Height



ALED20 Area Light @ 15 ft. Mounting Height

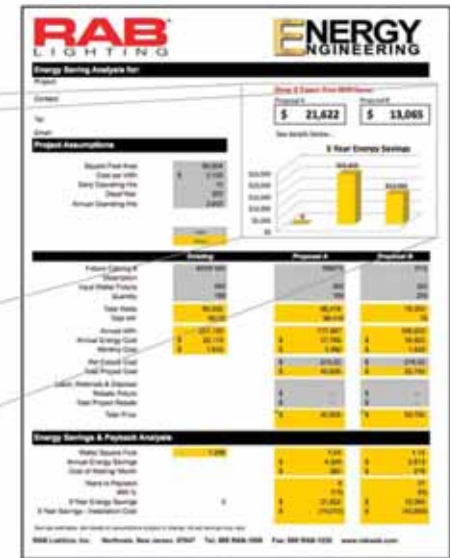
150 Watt MH Area Light @ 15 ft. Mounting Height

Energy Engineering

Let RAB engineer your job to produce higher performance and cut your energy costs.



RAB Application Engineers perform energy calculations to evaluate your existing installation and find ways to save. Our experts help propose more efficient lighting by utilizing RAB Energy efficient fixtures.



Get FREE Point by Point Layouts

Get Layouts in Days, not Weeks

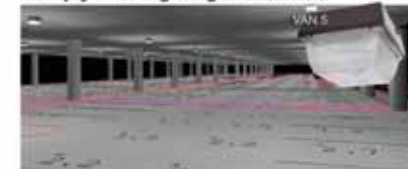


Lighting plan overlaid on satellite image

System	Qty	Label	Mounting Height	Label	LPF	Mounting Height	LPF	LPF (CONVERTED)	LPF (CONVERTED)
1	1	1	10	1	1	1	1	1	1
2	1	1	10	1	1	1	1	1	1
3	1	1	10	1	1	1	1	1	1
4	1	1	10	1	1	1	1	1	1
5	1	1	10	1	1	1	1	1	1
6	1	1	10	1	1	1	1	1	1
7	1	1	10	1	1	1	1	1	1
8	1	1	10	1	1	1	1	1	1
9	1	1	10	1	1	1	1	1	1
10	1	1	10	1	1	1	1	1	1
11	1	1	10	1	1	1	1	1	1
12	1	1	10	1	1	1	1	1	1
13	1	1	10	1	1	1	1	1	1
14	1	1	10	1	1	1	1	1	1
15	1	1	10	1	1	1	1	1	1
16	1	1	10	1	1	1	1	1	1
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18	1	1	10	1	1	1	1	1	1
19	1	1	10	1	1	1	1	1	1
20	1	1	10	1	1	1	1	1	1
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23	1	1	10	1	1	1	1	1	1
24	1	1	10	1	1	1	1	1	1
25	1	1	10	1	1	1	1	1	1
26	1	1	10	1	1	1	1	1	1
27	1	1	10	1	1	1	1	1	1
28	1	1	10	1	1	1	1	1	1
29	1	1	10	1	1	1	1	1	1
30	1	1	10	1	1	1	1	1	1

Luminaire schedule

Comply with Lighting Ordinances



3D Rendering of parking garage application



2D Computer rendering of hotel facade uplighting

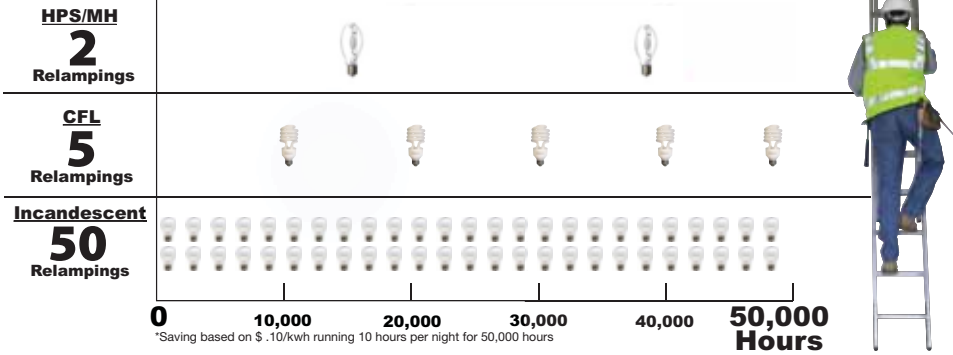
RAB[®] LED

Affordable LED Outdoor Lighting

Say Goodbye to Costly Relamping and High Energy Bills

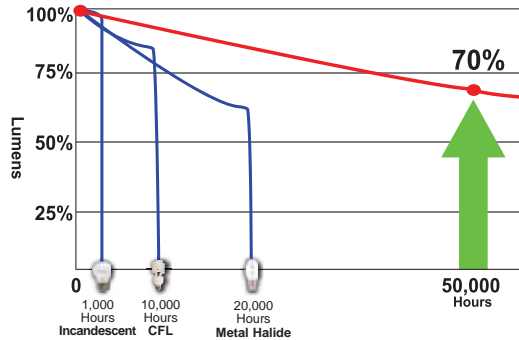
**RAB
LED**

RAB LEDs retain 70% of their initial lumens after 50,000 hours.



Long Life

LEDs retain their light output while other sources fade over time



Maintenance Cost

	Lamp Cost	Labor Cost*	Total
LED	NONE	NONE	\$0
HID	\$25 x 2 = \$50	\$45	\$95
CFL	\$10 x 5 = \$50	\$110	\$160
Incand.	\$1 x 50 = \$50	\$1,100	\$1,150

*\$90/hr @ 15min per fixture

Operating Cost

Example

10 watt LED	$\frac{13 \times 50,000 \times .10}{1000}$	\$65
70 watt HPS	$\frac{86 \times 50,000 \times .10}{1000}$	\$430

Calculated using (Input watts x hours of operation x \$/kWh) / 1000

L^PACK[™] LED WALLPACK



WPLED10
Surface Mount
pp 22-23



WPLED10W
Junction Box



WPLED13
Junction Box



WPLED20
Surface Mount

B^LED[™] LED BOLLARD



BLED10
BLED13
pp 130-131



BLED2X10
BLED2X13



BLED20



BLED2X20

A^LED[™] LED AREA LIGHT



ALED10
ALED13
pp 76-77



ALED20



ALED10
ALED13



ALED20

L^FLOOD[™] LED FLOODLIGHT



HBLLED10W
HBLLED13W
White
pp 42-43



HBLLED10VG
HBLLED13VG
Verde Green



HBLLED10B
HBLLED13B
Black



HBLLED10A
HBLLED13A
Bronze

CFL COLD START

Compact Fluorescent Lighting



- Energy Efficient
- Cool operation
- Greater Ballast Efficiency
- Long 10,000 hour life
- Cold Start (most RAB fixtures feature a low -20° starting temperature)
- Good for the environment

ENERGY EFFICIENT and LONGER LAMP LIFE



COOL OPERATION

Safe for children and animals. CFL lamps give you hour after hour of cool operation.

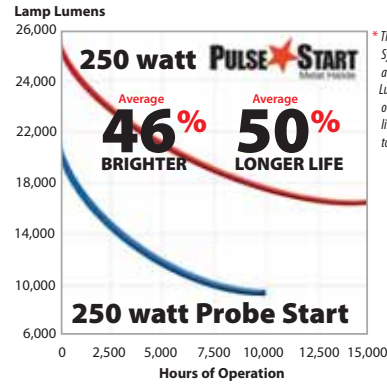


CFL FIXTURES IN STOCK NATIONWIDE:

- WALLPACKS pp 24-35
- CUTOFF WALLPACKS pp 24-25, 32-33, 34
- FLOODLIGHTS pp 44-45, 48-49
- LANDSCAPE pp 136-139
- ENTRY LIGHTS pp 150-151
- VANDALPROOF pp 124-129
- VAPORPROOF pp 144-151

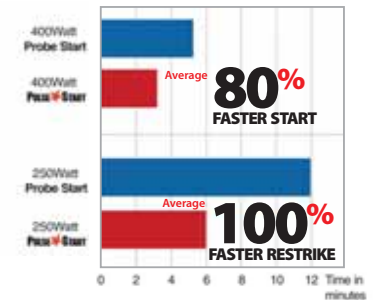
PULSE★START Metal Halide

SUPERIOR LUMEN MAINTENANCE

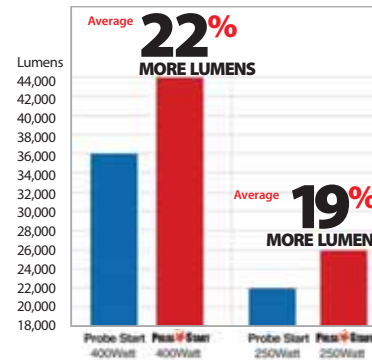


* The Pulse Start System maintains a more efficient Lumen output over system life as compared to Probe Start

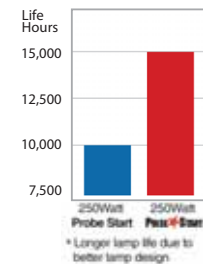
FASTER WARM-UP/RESTRIKE TIME



MORE LUMENS PER WATT (LPW)



LONGER LAMP LIFE



PULSE★START FIXTURES IN STOCK NATIONWIDE:

- WALLPACKS pp 24-36
- CUTOFF WALLPACKS pp 24-36
- FLOODLIGHTS pp 44-56
- AREA LIGHTS pp 78-82
- VANDALPROOF pp 124-128
- VAPORPROOF pp 148-149



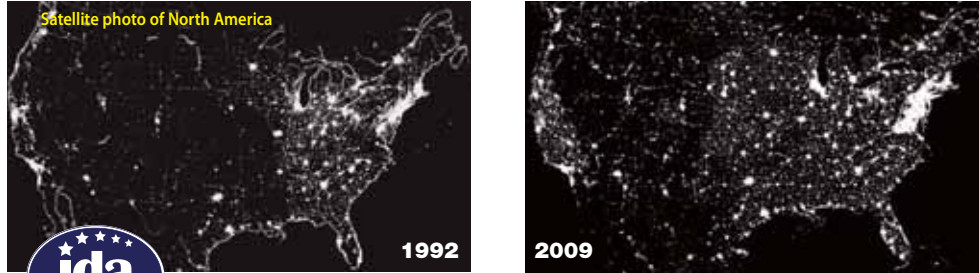
The Leader in Friendly Lighting®

Area Lights, Floodlight Hoods, Sensors, Cutoff Wallpacks and Shades are some of the ways that RAB is leading the way in Friendly Lighting, keeping the stars shining bright and the neighbors sleeping tight.



Protect Night Skies

In the past 17 years, light pollution has increased dramatically. RAB Friendly Lighting® fixtures can help preserve the beauty of the starry sky for future generations.



Satellite photo of North America



RAB is proud to be a Lifetime Member of the International Dark-Sky Association (IDA).

Be Neighbor Friendly



Light that trespasses onto neighboring property is annoying, wastes energy and obscures the night sky.



RAB Friendly Lighting® eliminates both light trespass and wasteful night sky pollution.

Be Driver Friendly



Drivers are often blinded by the glare from conventional lights.



RAB Friendly Lighting® Cutoffs and Shades cut glare for safer more energy efficient lighting.

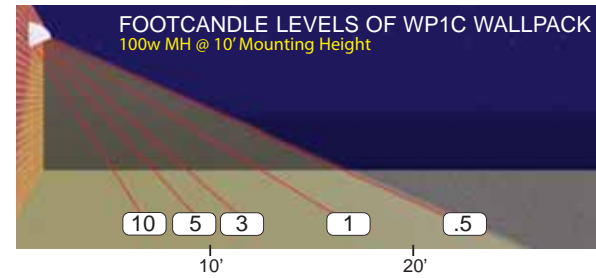
Cutoff Wallpacks Aim The Light Down and Out



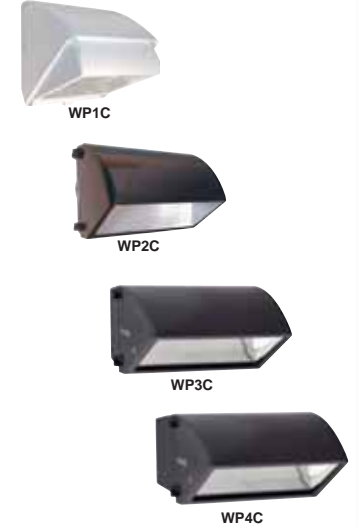
Cutoff

WP1C & WP2C
WP3C & WP4C

RAB wallpacks exceed IESNA "Cutoff" requirements



5 footcandles of light at 10 feet - .75 footcandles at 20 feet



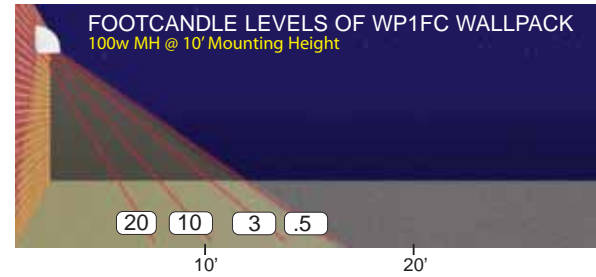
Full Cutoff Wallpacks Allow No Light Above Horizontal



Fully Shielded Full Cutoff

WP1FC & WP2FC
WP3FC & WP4FC

RAB fixtures exceed IESNA "Full Cutoff" requirements of no light above horizontal and <10% of lumens between 80-90 degrees



10 footcandles of light at 10 feet - no light at 20 feet



FRIENDLY LIGHTING

Consistent Design

RAB Flood and Wallpack Families bring architectural uniformity to every job.
All Wallpacks and Floods available in Bronze or White.

Wallpacks

WP1

- 10 or 13w LED
- 35-100w HPS
- 50-70w MH
- 50-125w PSO
- 42w Compact Fluorescent
- For 10' mounting height
- Polycarbonate or glass lens
- 3 Light Distribution options

WP1



WP1C



WP1FC



WPLED10 or 13



WP2

- 20w LED
- 70-150w HPS
- 70-150w Metal Halide
- 42 & 81w Compact Fluorescent
- For 10' - 15' mounting heights
- Tempered glass refractor or lens
- 3 Light Distribution options

WP2



WP2C



WP2FC



WPLED20



WP3

- 250w HPS
- 200-250w Metal Halide
- 120w Compact Fluorescent
- For 15' - 20' mounting heights
- Tempered glass refractor or lens
- 3 Light Distribution options

WP3



WP3C



WP3FC



WP4

- 400w HPS
- 320-400w Metal Halide
- For 20' - 25' mounting heights
- Tempered glass refractor or lens
- 3 Light Distribution options

WP4



WP4C



WP4FC



Floodlights

LED

- Equipped with Glare Hood
- 10 or 13 watt LED Light Engine
- Includes Flood & Spot reflectors
- Die cast aluminum housing
- Auto voltage sensing drivers
- Available in 4 color finishes

Quartz

- Integra Hood glare shield
- 150-500w Quartz
- Fins for heat dissipation
- Die cast aluminum housing
- Tempered glass lens

FlexFlood

- 4 different mounting options
- Integra Hood glare shield
- 70-150w HPS
- 50-175w Metal Halide
- 42w Compact Fluorescent
- For 10' - 15' mounting heights

FlexFloodXL

- 3 different mounting options
- Integra Hood glare shield
- 200-400w HPS
- 175-400w Metal Halide
- For 15' - 30' mounting heights

HBLED10



QF150F



FX Swivel



HBLED13



QF200F



FX Siplitter



FXL Siplitter



QF300F



FX Trunnion



FXL Trunnion



QF500F



FX Wall Mount



FXL Wall Mount



LPACK® LED WALLPACK



Innovative, affordable and functional Full Cutoff LED Wallpacks have 50,000 hours of dependable, low cost energy efficient lighting and come in 10, 13 and 20 watt models.

Die cast aluminum lens frame with tempered glass and double gasketing

LED Light Engine delivers 70% of rated lumens at 50,000 hours

Fully Shielded, Full Cutoff Optics



Buy with confidence



Surface mount for recessed boxes

13 & 20w models handle up to 277 Volts



Weatherproof high temperature silicone gaskets

Excellent Heat Dissipation = Longer Life



Lots of Applications:



Product Information

LED LIGHT ENGINE
Included with fixture

Watts	Input Watts	Lamp Type	Voltage	Initial Lumens	Lumens per Watt	Operating Hours	CRI	Color Temperature	Mounting Type
10	13	LED	100-240	547	41	50,000	92	Cool	Surface Mount
10	13	LED	100-240	542	41	50,000	45	Warm (Y)	Surface Mount
10	13	LED	100-240	547	41	50,000	92	Cool	Junction Box
10	13	LED	100-240	542	41	50,000	45	Warm (Y)	Junction Box
13	15	LED	100-240, 277	1064	71	50,000	66	Cool	Both
13	15	LED	100-240, 277	662	44	50,000	86	Warm (Y)	Both
20	22	LED	100-240, 277	1401*	65	50,000	70	Cool	Both
20	22	LED	100-240, 277	985*	45	50,000	71	Warm (Y)	Both

Factory Installed Options
Add suffix to catalog number

Button Photocell Specify Photocell voltage
Swivel Photocell Specify Photocell voltage
ARM Gooseneck
ARM Straight 24"
Polycarbonate Shield



*Consult factory for lumen output

Specifications

UL Listing:
Suitable for wet locations. Suitable for mounting within 4' of the ground.

LED Light Engine:
Multi-chip 10, 13 or 2x10W high output long life LED

10W Driver: Constant Current, Class 2, 120V-240V, 50/60 Hz, 1kv Surge Protection 350mA, 2 - 1 Amps

13W Driver: Constant Current, Class 2, 100-277V, 50/60 Hz, 4kv Surge Protection 720mA, 100-240VAC, 3 - 1.15 Amps 277VAC: .15 Amps

20W Driver: Constant Current, 1000mA, Class 2, 100V-277V, 47/63 Hz, 6kv Surge Protection, 100-240VAC: .5 Amps 277VAC: .125 Amps

Gaskets:

High temperature silicone

Heatsink:

Cast aluminum thermal management system for optimal heat sinking. The LPACK is designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

Lumen Maintenance:

The LED will deliver 70% of its initial lumens at 50,000 hours of operation.

Housing:

Precision die cast aluminum housing and lens frame

Mounting:

Junction box with 5 conduit entry 1/2" tapped holes
Surface Mount for recessed boxes

Finish:

White or Bronze chip and fade resistant polyester powder coat finish.

California Title 24:

LPACK complies with California Title 24 building and electrical codes

Green Technology:

RAB LEDs are Mercury and UV free.

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires are tested by independent laboratories in accordance with IESNA LM-79 and have received the Department of Energy "Lighting Facts" label. LM-80 lumen depreciation test results are available upon request.

Patents:

The design of the LED fixtures is protected by U.S. patents D699,050, D699,049, D608,040, D615,689 and patents pending in U.S., Canada, China and Taiwan.

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New!

LPACK®10 watt

10 Watt Surface mount or Junction Box LED Wallpack. Equivalent to 70W HPS. IESNA Full Cutoff, Fully Shielded optics. Mount @ 7-10'. 5 year warranty.

Finish: ● Bronze
○ White



WPLED10 Wallpack



70 Watt HPS Wallpack

Night Time Simulations Rendered using AGI32 based on IES LM-79 Testing

New!

LPACK®13 watt

13 Watt high performance LED Wallpack with 5 conduit entry points. Equivalent to 150W MH. Includes both junction box and surface mount for recessed box. IESNA Full Cutoff, Fully Shielded optics. Mount @ 11-20'. 5 year warranty.

Finish: ● Bronze
○ White



WPLED13 Wallpack



150 Watt MH Wallpack

Night Time Simulations Rendered using AGI32 based on IES LM-79 Testing

New!

LPACK® 20 Watt

20 Watt LED Wallpack with 5 conduit entry points. Equivalent to 150W MH. Includes both junction box and surface mount for recessed box. IESNA Full Cutoff, Fully Shielded optics. Mount @ 11-20'. 5 year warranty. UL listed for up and down lighting.

Finish: ● Bronze
○ White



WPLED20 Wallpack



150 Watt MH Wallpack

Night Time Simulations Rendered using AGI32 based on IES LM-79 Testing

New!

Gooseneck & Straight Arm

Both Straight Arm and Gooseneck brackets support LPACK 10, 13 & 20 fixtures for secure wall mounting. Great for sign lighting.

Finish: ● Bronze
○ White



Gooseneck



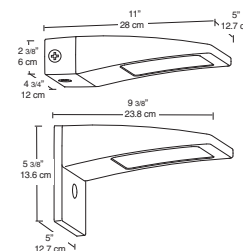
Straight Arm

Catalog Numbers

Bronze	White
WPLED10S	WPLED10SW
WPLED10SY	WPLED10SYW
WPLED10	WPLED10W
WPLED10Y	WPLED10YW

GDWPLP

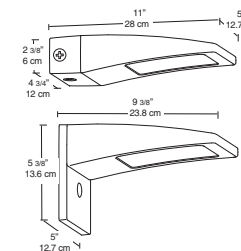
Dimensions



Bronze	White
WPLED13*	WPLED13W*
WPLED13Y*	WPLED13YW*

GDWPLP

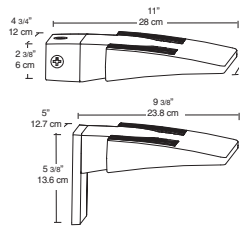
*WPLED13 comes with both Surface and Junction Box mountings



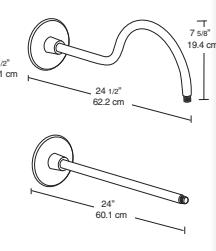
Bronze	White
WPLED20*	WPLED20W*
WPLED20Y*	WPLED20YW*

GDWPL20P

*WPLED20 comes with both Surface and Junction Box mountings



Bronze	White
GOOSE1A	GOOSE1W
ARM24A	ARM24W



WALLPACKS WP1C & WP1FC



New!
Fully Shielded Full Cutoff



Fully Shielded Full Cutoff Optics



RAB's Friendly Lighting Wallpacks, now available in Cutoff and Full Cutoff models. Sleek profile and quality features for security and perimeter lighting.

Silicone gasket remains in place during relamping

Easy access conduit openings & ballasts for fast internal wiring

Semi-specular anodized reflector

Cutoff Glare Shield for "Friendly" Lighting

Hinged door swings open and remains captive for easy relamping

Photocell mounting hole

Template for easy wall box mounting

Long life lamp supplied

Precision die cast aluminum housing with durable bronze or white polyester powder coat finish

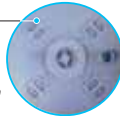
Top, side, back (and bottom for WP1FC) conduit openings

Higher wattages! 150W HPS & 125W MH QT

Adjustable socket positions for beam tuning

Tempered glass lens will not yellow

Capacitor cradle removes heat from components



Product Information

	Watts	Lamp Type	Lamp Base	Ballast	Starting Amps / Operating Amps
					120V 208V 240V 277V
High Pressure Sodium Lamp supplied with fixture	35	ED17	Med	R-NPF 120V	1.4 / 0.9
	50	ED17	Med	R-NPF 120V	1.8 / 1.2
	70	ED17	Med	R-NPF 120V	2.3 / 1.7
	100	ED17	Med	R-NPF 120V	3.0 / 2.3
	150	ED17	Med	R-NPF 120V	4.0 / 2.6
	150	ED17	Med	HX-HPF QT	1.6 / 1.6 .9 / .9 .8 / .8 .7 / .7
Metal Halide Lamp supplied with fixture For UV coated lamp, consult factory PS* = Pulse Start	PS* 50	ED17	Med	HX-NPF 120V	2.0 / 1.6
	PS* 50	ED17	Med	HX-HPF QT	.6 / .7 .35 / .35 .3 / .3 .25 / .3
	PS* 70	ED17	Med	HX-NPF 120V	2.8 / 2.2
	PS* 70	ED17	Med	HX-HPF QT	1.0 / .9 .4 / .5 .4 / .5 .5 / .4
	PS* 100	ED17	Med	HX-HPF QT	1.2 / 1.2 .6 / .7 .5 / .6 .5 / .5
	125	ED17	Med	HX-HPF QT	.9 / 1.3 .5 / .8 .4 / .7 .4 / .6
Compact Fluorescent Lamp supplied with fixture New! Photocell included	26	Triple	GX24q-3	Electronic QT	.3 .2 .1 .11
	32	Triple	GX24q-3	Electronic QT	.3 .2 .2 .13
	42	Triple	GX24q-4	Electronic QT	.4 .2 .2 .2
	42	Triple	GX24q-4	Electronic QT	.4 .2 .2 .2
Factory Installed Options Add suffix to catalog number					
Accessories					
					Button Photocell Specify Photocell voltage
					Swivel Photocell Specify Photocell voltage
					Single fusing for 120 and 277 volt
					Tamperproof screws
					Wire Guard for WP1FC
					Shade - Curved
					Shade - Rectangular

Specifications

UL Listing:
Suitable for wet locations. HID fixtures can be wired with 90°C supply wiring if supply wires are routed 3" away from ballast.

Housing:
Die cast aluminum, 1/2" NPS tapped top, both sides, back (and bottom for WP1FC) for conduit or photocell. Continuous one piece silicone rubber gasket.

Reflector:
Semi-Specular anodized aluminum, removable for installation. Symmetrical light pattern maximizes distance between fixtures.

Lens:
Tempered, thermal shock resistant glass.

Socket:
HID: 4kv Pulse Rated Porcelain socket with nickel plated screw shell and spring loaded center contact.
CFL: GX24q-3 = 26w & 32w
GX24q-4 = 42w base.
Plug in type thermoplastic

Finish:
Chip and fade resistant Bronze or White polyester powder coat finish.

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Patents:
The design of the WP1FC is protected by U.S. Patent D661,377; Canada Patent 111930; China Patent ZL200530120058.1 and Taiwan Patent D126,172.

/ES catalog number products are ENERGY STAR qualified. Photocell included. See: www.energystar.gov

New!



WP1C Cutoff

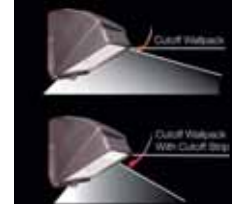
Cutoff Wallpack with glare shield for 35-100W HPS, 50-100W MH (Pulse Start standard) or 42W CFL. Lens is flat, tempered glass. 30° cutoff strip included. Lamp supplied.

Finish: Bronze White



Cutoff Strip

Provides more cutoff to your Cutoff



Catalog Numbers

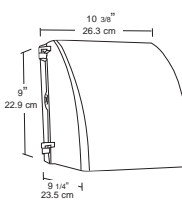
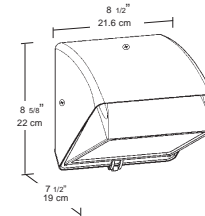
Bronze	White
WP1CSN35	WP1CSN35W
WP1CSN50	WP1CSN50W
WP1CSN70	WP1CSN70W
WP1CSN100	WP1CSN100W
WP1CH50	WP1CH50W
WP1CH70	WP1CH70W
WP1CF26	WP1CF26W
WP1CF32	WP1CF32W
WP1CF42	WP1CF42W
WP1CF42/PC/ES	WP1CF42W/PC/ES
/PC	/PC
/PCS	/PCS
/F	/F
/TP	/TP
SHC1A	SHC1W
SHR1A	SHR1W



Photometrics

See Pages 170-177 for Photometrics

Dimensions



New!

WP1FC Full Cutoff

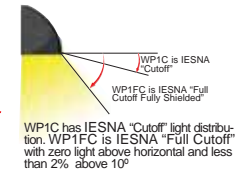
Fully shielded, Full Cutoff compact Wallpack for higher wattages! 150W HPS & 125W QT P.S. MH. Full Cutoff optics with flat tempered glass lens. Cap/ignitor cradle and EZ mount knockouts for easy wiring. Lamp supplied.

Finish: Bronze White



Fully Shielded Full Cutoff

Meets IESNA requirements



Pick the Cutoff You Need



up to 150 watt QT HPS

up to 125 watt QT PS* MH

New!
ENERGY STAR CFL

WALLPACKS

WP1



RAB's compact Wallpack, now available with polycarbonate and glass lenses. Sleek profile and quality features for security and perimeter lighting.

Silicone gasket remains in place during relamping

Semi-specular anodized reflector minimizes glare

Easy access conduit openings & ballasts for fast internal wiring

Glass lens won't yellow

Template for easy wall box mounting

Photocell mounting hole

Top, sides and back conduit openings

Precision die cast aluminum housing with durable bronze or white polyester powder coat finish

Long life lamp supplied

PULSE-START
High Efficiency Metal Halide

IES catalog numbers meet or exceed ENERGY STAR performance guidelines. Photocell included. See: www.energystar.gov



Product Information

	Watts	Lamp Type	Lamp Base	Ballast
High Pressure Sodium Lamp supplied with fixture	35	ED17	Med	R-NPF 120V
	50	ED17	Med	R-NPF 120V
	70	ED17	Med	R-NPF 120V
	100	ED17	Med	R-NPF 120V

	Watts	Lamp Type	Lamp Base	Ballast
Metal Halide Lamp supplied with fixture For UV coated lamp, consult factory PS* = Pulse Start	PS* 50	ED17	Med	HX-NPF 120V
	PS* 70	ED17	Med	HX-NPF 120V

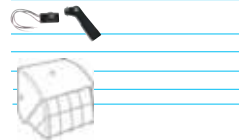
	Watts	Lamp Type	Lamp Base	Ballast
Compact Fluorescent Lamp supplied with fixture CFL COLD START New! Photocell included	26	Triple	GX24q-3	Electronic QT
	32	Triple	GX24q-3	Electronic QT
	42	Triple	GX24q-4	Electronic QT
	42	Triple	GX24q-4	Electronic QT

Factory Installed Options
Add suffix to catalog number

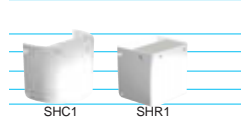
Accessories
Wire Guard for WP1G
Shade - Curved
Shade - Rectangular

Starting Amps / Operating Amps	120V			208V			240V			277V		
	120V	208V	240V	277V	120V	208V	240V	277V	120V	208V	240V	277V
46	1.4	0.9			62	S68	2,300	24,000				
62	1.8	1.2			86	S62	4,000	24,000				
86	2.3	1.7			115	S54	6,300	24,000				
115	3.0	2.5					9,500	24,000				

Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours	Starting temperature of ballast °F			
				26w	32w	42w	42w
69	M110	3,400	10,000	.3	.2	.1	.1
94	M98	5,600	15,000	.3	.2	.2	.1
29		1,800	12,000	.4	.2	.2	.2
36		2,400	12,000	.4	.2	.2	.2
42		3,200	12,000	.4	.2	.2	.2
46		3,200	12,000	.4	.2	.2	.2



Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours	Bronze		White	
				WP1SN35	WP1SN35W	WP1SN50	WP1SN50W
69	M110	3,400	10,000	WP1SN70	WP1SN70W	WP1SN100	WP1SN100W
94	M98	5,600	15,000	WP1H50	WP1H50W	WP1H70	WP1H70W
29		1,800	12,000	WP1F26	WP1F26	WP1F32	WP1F32W
36		2,400	12,000	WP1F42	WP1F42	WP1F42W	WP1F42W
42		3,200	12,000	WP1F42/PC/ES	WP1F42/WC/ES		
46		3,200	12,000	/PC	/PC	/PCS	/PCS
				/F	/F	/TP	/TP
				SHC1A	SHC1W	SHR1A	SHR1W
				SHR1A	SHR1W		



WP1

Compact Wallpack for 35-100 W HPS, 50-70W Metal Halide (Pulse Start standard) or 42W CFL, UV stabilized, vandal resistant prismatic polycarbonate refractor. Lamp supplied.

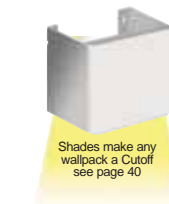
Finish: ● Bronze
○ White



WP1G Glass

The same Wallpack as the WP1, but with prismatic glass lens to eliminate yellowing. Lamp supplied.

Finish: ● Bronze
○ White

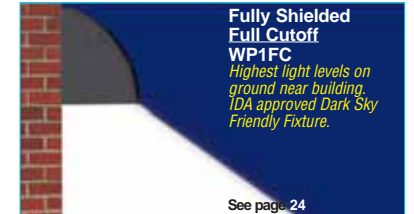


Shades make any wallpack a Cutoff see page 40

Catalog Numbers

Bronze	White	Bronze		White	
		WP1G42	WP1G42W	/PC	/PC
WP1SN35	WP1SN35W	WP1GSN35	WP1GSN35W	/PCS	/PCS
WP1SN50	WP1SN50W	WP1GSN50	WP1GSN50W	/F	/F
WP1SN70	WP1SN70W	WP1GSN70	WP1GSN70W	/TP	/TP
WP1SN100	WP1SN100W	WP1GSN100	WP1GSN100W	GDWP1GW	GDWP1GW
WP1H50	WP1H50W	WP1GH50	WP1GH50W	SHC1A	SHC1W
WP1H70	WP1H70W	WP1GH70	WP1GH70W	SHR1A	SHR1W

Pick the Cutoff You Need



Fully Shielded Full Cutoff WP1FC
Highest light levels on ground near building, IDA approved Dark Sky Friendly Fixture.

See page 24



Cutoff WP1C
Medium light levels on ground. Light is directed down & out for furthest spread.

See page 24



Standard Wallpack WP1
Low light levels on ground. Lots of light in sky.

Specifications

UL Listing:
Suitable for wet locations. HID fixtures can be wired with 90°C supply wiring if supply wires are routed 3" away from ballast.

Housing:
Die cast aluminum, 1/2" NPS tapped top, both sides, back for conduit or photocell. Hinged refractor. Continuous one piece silicone rubber gasket.

Reflector:
Semi-Specular anodized aluminum, removable for installation. Symmetrical light pattern maximizes distance between fixtures.

Refractor:
Prismatic optics designed to minimize glare and throw light down and out. UV stabilized polycarbonate on WP1 or glass prismatic on WP1G.
Order Cat# WP1GRK to convert polycarbonate to prismatic glass lens

Socket:
HID: 4kv Pulse Rated Porcelain socket with nickel plated screw shell and spring loaded center contact.
CFL: GX24q-3 = 26w & 32w
GX24q-4 = 42w base.
Plug in type thermoplastic

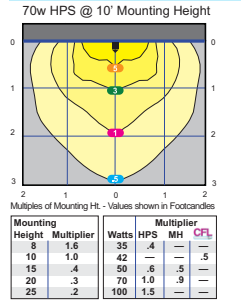
Finish:
Chip and fade resistant Bronze or White polyester powder coat finish.

Patents:
The design of the WP1 is protected by U.S. Patent D440683 and similar patents pending in China, Taiwan and Canada.

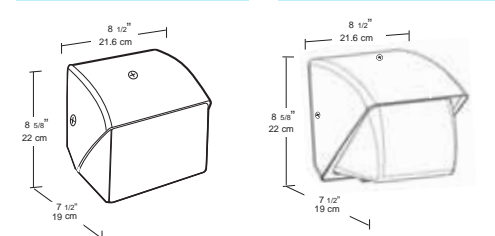
CFL Starting Temperatures:
26w 0°F
32w 0°F
42w 0°F

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Photometrics



Dimensions



WALLPACKS TALLPACK™

Compact, low-cost Wallpack with uniform light output for outdoor security lighting. HPS, Metal Halide or CFL with photocell or sensor.

Photocell for automatic dusk to dawn operation. Cap included to bypass photocell.

New design vandal resistant polycarbonate housing

Glare shield for field adjustable HPS light control

Die formed aluminum reflector and prismatic polycarbonate refractor for wide light distribution

Heavy, die cast aluminum back plate with box mounting template

Heavy duty cast aluminum housing on WPTG Series

Shades work great with Tallpacks! (see pg. 40)

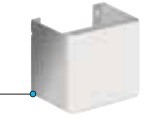
Heavy prismatic glass refractor

/ES catalog number products are ENERGY STAR qualified. See: www.energystar.gov

New!



1/2" bottom conduit opening



Product Information

High Pressure Sodium

Watts	Lamp Type	Lamp Base	Ballast
35	ED17	Med	R-NPF 120V
50	ED17	Med	R-NPF 120V
70	ED17	Med	R-NPF 120V
70	ED17	Med	HX-HPF QT
100	ED17	Med	R-NPF 120V
100	ED17	Med	HX-HPF QT

Metal Halide

Lamp supplied with fixture

Watts	Lamp Type	Lamp Base	Ballast
PS* 50	ED17	Med	HX-NPF 120V
PS* 50	ED17	Med	HX-HPF QT
PS* 50	ED17	Med	HX-HPF QT
PS* 70	ED17	Med	HX-NPF QT
PS* 70	ED17	Med	HX-HPF QT
PS* 100	ED17	Med	HX-HPF QT

Compact Fluorescent

Watts	Lamp Type	Lamp Base	Ballast
26	Triple	GX24q-3	Electronic QT
28	Quad	GX32d-3	NPF 120V
32	Triple	GX24q-3	Electronic QT
42	Triple	GX24q-4	Electronic QT
42	Triple	GX24q-4	Electronic QT

Accessories

Wire Guard	
Shade - curved	SHC1
Shade - rectangular	SHR1

Specifications

UL Listing:

Suitable for wet locations

Housing & Refractor:

WPT & WPTF
Vandal resistant polycarbonate molded refractor. Die cast Aluminum back plate. WPTG
Heavy die cast aluminum housing with prismatic glass refractor.

Reflector:

Die formed aluminum for wide light distribution. Movable Glare Shield for field adjustable light control slanted slightly downward for more light on the job.

Back Plate:

Heavy die cast aluminum. 1/2" bottom conduit knockout. Knockouts for mounting to 3" or 4" junction boxes.

Watts	Lamp Type	Lamp Base	Ballast	Starting Amps / Operating Amps				Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours
				120V	208V	240V	277V				
35	ED17	Med	R-NPF 120V	1.4 / 0.9				46	S76	2,250	24,000
50	ED17	Med	R-NPF 120V	1.8 / 1.2				62	S68	4,000	24,000
70	ED17	Med	R-NPF 120V	2.3 / 1.7				86	S62	6,300	24,000
70	ED17	Med	HX-HPF QT	.6 / .8	.4 / .5	.4 / .3	.3 / .4	91	S62	6,300	24,000
100	ED17	Med	R-NPF 120V	3.1 / 2.1				115	S54	9,500	24,000
100	ED17	Med	HX-HPF QT	1.3 / 1.2	.8 / .7	.7 / .6	.6 / .5	130	S54	9,500	24,000
PS* 50	ED17	Med	HX-NPF 120V	2.0 / 1.6				69	M110	3,400	10,000
PS* 50	ED17	Med	HX-HPF QT	.8 / .7				69	M110	3,400	10,000
PS* 50	ED17	Med	HX-HPF QT	.6 / .6	.4 / .4	.3 / .3	.3 / .3	72	M110	3,400	10,000
PS* 70	ED17	Med	HX-NPF QT	2.8 / 2.2				94	M98	5,600	15,000
PS* 70	ED17	Med	HX-HPF QT	.7 / .8	.4 / .5	.3 / .4	.3 / .4	90	M98	5,600	15,000
PS* 100	ED17	Med	HX-HPF QT	1.0 / 1.2	.6 / .7	.5 / .6	.5 / .5	129	M90	9,000	15,000
26	Triple	GX24q-3	Electronic QT	.3	.2	.1	.1	29		1,800	12,000
28	Quad	GX32d-3	NPF 120V	.6 / .2				33		1,200	10,000
32	Triple	GX24q-3	Electronic QT	.3	.2	.2	.1	26		2,400	12,000
42	Triple	GX24q-4	Electronic QT	.4	.25	.20	.17	47		3,000	10,000
42	Triple	GX24q-4	Electronic QT	.4	.25	.20	.17	46		3,200	12,000

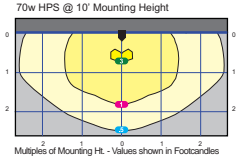
Watts	Lamp Type	Lamp Base	Ballast	Starting Amps / Operating Amps				Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours
				120V	208V	240V	277V				
46	S76			1.4 / 0.9				46	S76	2,250	24,000
62	S68			1.8 / 1.2				62	S68	4,000	24,000
86	S62			2.3 / 1.7				86	S62	6,300	24,000
91	S62			.6 / .8	.4 / .5	.4 / .3	.3 / .4	91	S62	6,300	24,000
115	S54			3.1 / 2.1				115	S54	9,500	24,000
130	S54			1.3 / 1.2	.8 / .7	.7 / .6	.6 / .5	130	S54	9,500	24,000
69	M110			2.0 / 1.6				69	M110	3,400	10,000
69	M110			.8 / .7				69	M110	3,400	10,000
72	M110			.6 / .6	.4 / .4	.3 / .3	.3 / .3	72	M110	3,400	10,000
94	M98			2.8 / 2.2				94	M98	5,600	15,000
90	M98			.7 / .8	.4 / .5	.3 / .4	.3 / .4	90	M98	5,600	15,000
129	M90			1.0 / 1.2	.6 / .7	.5 / .6	.5 / .5	129	M90	9,000	15,000
29				.3	.2	.1	.1	29		1,800	12,000
33				.6 / .2				33		1,200	10,000
26				.3	.2	.2	.1	26		2,400	12,000
47				.4	.25	.20	.17	47		3,000	10,000
46				.4	.25	.20	.17	46		3,200	12,000

Info Online 24/7

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Patents:
The design of the Tallpack is protected by U.S. Patent D569,029, Canadian Patent D121,993, China Patent ZL200730149211.2, and Taiwan Patent D124,864.

Photometrics



Mounting Height	Multiplier	Watts	HPS	MH	CFL
8	1.6	26	—	—	.3
10	1.0	28	—	—	.2
15	.4	32	—	—	.4
20	.3	42	—	—	.5
25	.2	35	.4	—	—
		50	.6	—	—
		70	1.0	—	—
		100	—	1.4	—

New!
HPS Tallpack™
HPS "Tall" Wallpack. Vandal resistant polycarbonate housing. Heavy die-cast aluminum back plate with 1/2" bottom and back conduit opening. Factory installed 120V photocell with bypass cap included. Glare Shield included. Lamp supplied.

Finish: ● Bronze
○ White

New!
Fluorescent Tallpack™
28 thru 42 watt compact fluorescent Tallpack. Vandal resistant polycarbonate housing. Heavy die-cast aluminum back plate with 1/2" bottom and back conduit opening. Factory installed 120V photocell with bypass cap included. Operating temperature 28w (-20°F), 26,32 & 42w (0°F). Lamp supplied.

Finish: ● Bronze
○ White

New!
Fluorescent Smart Tallpack™
28 thru 42 watt compact fluorescent Tallpack with built-in mini sensor for motion activated operation. Vandal resistant polycarbonate housing. Sensor has 180° detection and controls up to 250 watts. 120 volt only. Lamp supplied.

Finish: ● Bronze
○ White

For white fixture finish add suffix "W"
With Sensor

Tallpack™ Die Cast w/ Glass
Heavy duty die cast aluminum housing with prismatic glass refractor. HPS and Metal Halide models available. With 1/2" bottom and back conduit opening. Factory installed photocell optional. Lamp supplied.

Finish: ● Bronze
○ White

For white fixture finish add suffix "W"
Photocell No Photocell

Catalog Numbers

Bronze	White
WPTS35	WPTS35W
WPTS50	WPTS50W
WPTS70	WPTS70W

Bronze	White
WPTF26	WPTF26W
WPTF28	WPTF28W
WPTF32	WPTF32W
WPTF42	WPTF42W
WPTF42/ES	WPTF42W/ES

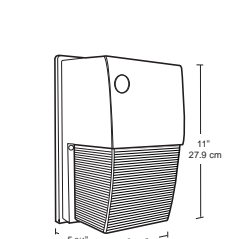
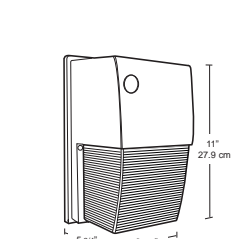
SHC1	SHR1
SHC1	SHR1

SHC1	SHR1
SHC1	SHR1

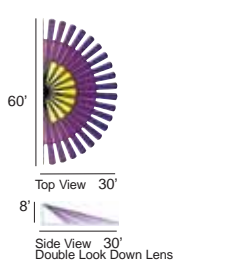
SHC1	SHR1
SHC1	SHR1

GDWPTG	GDWPTG
SHC1	SHC1
SHR1	SHR1

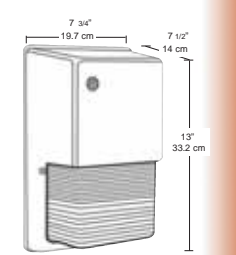
Dimensions



Detection Pattern



Dimensions

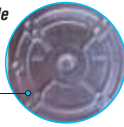


WALLPACKS

WP2



- Photocell mounting hole
- Hinged door frame opens and remains captive for easy relamping
- Precision die cast aluminum housing with durable bronze or white polyester powder coat finish
- Tempered glass refractor
- Drilling template for easy box mounting
- Silicone gasket
- Top, side and back conduit openings
- Cutoff Glare Shield for Friendly Lighting
- Long life lamp supplied
- Tempered glass lens



PULSE START

High Efficiency Metal Halide

Product Information

High Pressure Sodium
Lamp supplied with fixture
QT = Quad Tap = 120 / 208 / 240 / 277 volts

Lamp Type	Lamp Base	Ballast	Starting Amps / Operating Amps
			120V 208V 240V 277V
70 ED17 Med	R-HPF120V		.9 / .8
70 ED17 Med	HX-HPF QT		.6 / .8 .4 / .5 .4 / .3 .3 / .4
100 ED17 Med	R-NPF 120V		3.0 / 2.5
100 ED17 Med	R-HPF 120V		1.5 / 1.1
100 ED17 Med	HX-HPF QT		.9 / 1.1 .6 / .6 .5 / .6 .4 / .5
150 ED17 Med	R-NPF120V		4.1 / 2.6
150 ED17 Med	HX-HPF QT		1.6 / 1.6 .9 / .9 .8 / .8 .7 / .7

Metal Halide
Lamp supplied with fixture
PSQ = Pulse Start
PSQ & QT = Quad Tap = 120 / 208 / 240 / 277 volts

PSQ 70 ED17 Med	HX-NPF 120V		2.8 / 2.2
PSQ 100 ED17 Med	HX-HPF QT		.95 / 1.2 .6 / .7 .5 / .6 .4 / .5
PSQ 125 ED17HBU Med	CWA-HPF QT		.9 / 1.3 .5 / .8 .4 / .7 .4 / .6
PSQ 150 ED17U Med	CWA-HPF QT		1.3 / 1.6 1 / 1 .7 / .8 .6 / .7
150 ED17 Med	CWA-HPF QT		1.1 / 1.6 .6 / .9 .5 / .8 .5 / .7

Compact Fluorescent
Lamp supplied with fixture



26 Triple	GX24q-3 Electronic QT	.3	.2	.1	.1
32 Triple	GX24q-3 Electronic QT	.3	.2	.2	.1
42 Triple	GX24q-4 Electronic QT	.4	.3	.2	.2
84 2-42w Triple	GX24q-4 Electronic QT	.8	.6	.5	.4

Factory Installed Options
Add suffix to catalog number

- Button Photocell Specify Photocell voltage
- Swivel Photocell Specify Photocell voltage
- Single fusing for 120 and 277 volt
- Double fusing for 208 and 240 volt

Accessories

- Tamperproof screws
- Corrosion protected Wire Guard
- Clear Polycarbonate Shield
- Shade Glare Shield - Curved
- Shade Glare Shield - Rectangular
- Emergency Battery Back Up (for 42w Fluorescent WP2 models only)



Specifications

UL Listing:
Suitable for wet locations. HID fixtures can be wired with 90°C supply wiring if supply wires are routed 3" away from ballast.

Housing:
Die cast aluminum, 1/2" NPS tapped holes top, both sides and back for conduit or photocell. Hinged refractor frame. Continuous silicone rubber gasket.

Reflector:
Specular anodized aluminum, removable for installation. Symmetrical light pattern maximizes distance between fixtures.

WP2 Cutoff Lens:
Tempered, thermal shock resistant glass

WP2 Refractor:
Prismatic optics designed to minimize glare and throw light down and out. Heat resistant borosilicate glass.

Socket:
HID: 4kv Pulse Rated Porcelain socket with nickel plated screw shell and spring loaded center contact.
CFL: GX24q-3 = 26w & 32w
GX24q-4 = 42w base.
Plug in type thermoplastic

Finish:
Chip and fade resistant Bronze or White polyester powder coat finish.

Emergency Battery Back Up:
Bodine "Coldpak" will operate the WP2 42watt CFL lamp for 90 minutes if power fails. Rated -20°C to +55°C. Battery is a maintenance free NiCad with 7-10 year life.

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

WP2

Mid size wallpack for 70 to 150 watts HPS, 70-150 watt Metal Halide or 84 watts (2x42) Compact Fluorescent. All aluminum precision die cast construction with tempered glass refractor. Lamp supplied.

Finish: ● Bronze
○ White



WP2 Cutoff Retrofit Kit

Convert existing RAB WP2 HID wallpacks to cutoff beam spread. Kit includes: cutoff shield, reflector, socket bracket & aluminum strip for additional degrees of cutoff. Easy 5 minute field installation.

Finish: ● Bronze
○ White



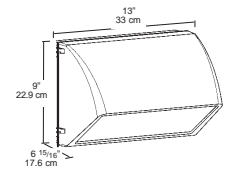
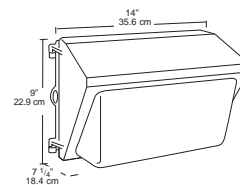
Friendly Lighting See pages 32-33 for complete WP2C and WP2FC fixtures

Catalog Numbers

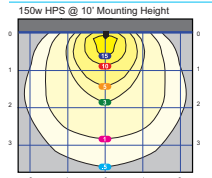
Bronze	White
WP2SH70	WP2SH70W
WP2SH70QT	WP2SH70QTW
WP2SN100	WP2SN100W
WP2SN100	WP2SN100W
WP2SH100QT	WP2SH100QTW
WP2SN150	WP2SN150W
WP2SH150QT	WP2SH150QTW
WP2H70	WP2H70W
WP2H100QT	WP2H100QTW
WP2H125PSQ	WP2H125PSQW
WP2H150PSQ	WP2H150PSQW
WP2H150QT	WP2H150QTW
WP2F26	WP2F26W
WP2F32	WP2F32W
WP2F42	WP2F42W
WP2F84	WP2F84W

/PC	/PC
/PCS	/PCS
/F	/F
/FF	/FF
/TP	/TP
GDWP2W	GDWP2W
GDWP2P	GDWP2P
SHC2A	SHC2W
SHR2A	SHR2W
/E1	/E1
/E2	/E2

Dimensions



Photometrics



Multiples of Mounting Ht. Values shown in Footcandles

Mounting Height	Multipier	Watts	HPS	MH	CFL
8	1.6	42	—	—	.2
10	1.0	70	.4	.4	—
15	.4	84	—	—	.4
20	.3	100	.6	.6	—
25	.2	125	—	—	.8
		150	—	—	.9
		150	1.0	.8	—
		175	—	.8	—

Pick the Cutoff You Need



Replacement Lamps	Replacement Ballasts
LHPS70	BHPSH70
LHPS70	BHPSH70QT
LHPS100	BHPSN100
LHPS100	BHPSH100
LHPS100	BHPSH100QT
LHPS150	BHPSN150
LHPS150	BHPSH150QT
LMH70	BMHN70
LMH100	BMHH100QT
LMH125PS	BMH125PSQ
LMH150PS	BMH150PSQ
LMH150	BMHH150QT
LCFL26	BCFL26QT
LCFL32	BCFL42QT
LCFL42	BCFL42QT
LCFL42	BCFL2X42

WALLPACKS - HID & CFL

WALLPACKS WP2C & WP2FC

Mid size Cutoff and Full Cutoff Wallpacks for up to 150 watt HPS, 150 watt Metal Halide and 84 watt Fluorescent.

Photocell mounting hole

Hinged door frame opens and remains captive for easy relamping

Precision die cast aluminum housing with durable bronze or white polyester powder coat finish

Long life lamp supplied

IESNA "Cutoff" design

Tempered glass lens

Drilling template for easy box mounting

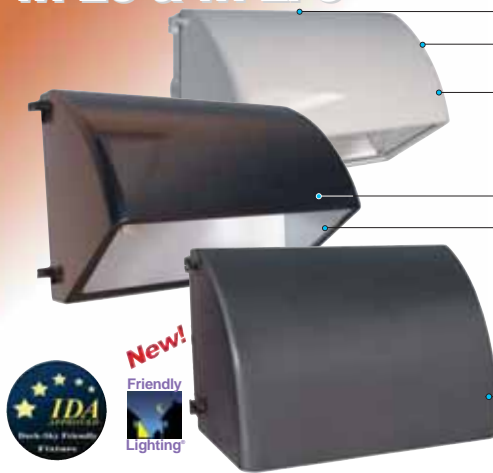
Top, side, back (and bottom of WP2FC) conduit openings

Silicone gasket remains in place during relamping

IESNA "Full Cutoff, Fully Shielded" design

Capacitor cradle removes heat from components

PULSE START
High Efficiency Metal Halide



Product Information

High Pressure Sodium
Lamp supplied with fixture
QT = Quad Tap = 120 / 208 / 240 / 277 volts

Lamp Watts	Lamp Type	Lamp Base	Ballast
70	ED17	Med	R-HPF120V
70	ED17	Med	HX-HPF QT
100	ED17	Med	R-NPF 120V
100	ED17	Med	R-HPF 120V
100	ED17	Med	HX-HPF QT
150	ED17	Med	HX-HPF QT

Metal Halide
Lamp supplied with fixture
PS* = Pulse Start
PSQ & QT=Quad Tap=120 / 208 / 240 / 277 volts

Starting Amps 120V	Operating Amps 208V	Operating Amps 240V	Operating Amps 277V
.9 / .8	.4 / .5	.4 / .3	.3 / .4
3.0 / 2.5	1.5 / 1.1	.9 / 1.1	.6 / .6
1.6 / 1.6	.9 / .9	.8 / .8	.7 / .7
2.8 / 2.2	.7 / .8	.4 / .5	.4 / .4
1.0 / 1.2	6 / 7	5 / 6	4 / 5
.9 / 1.3	5 / 8	4 / 7	4 / 6
1.3 / 1.6	1 / 1	7 / 8	6 / 7
1.1 / 1.6	6 / 9	5 / 8	5 / 7

Compact Fluorescent
Lamp supplied with fixture

Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours
86	S62	6,300	24,000
91	S62	6,400	24,000
115	S54	9,500	24,000
115	S54	9,500	24,000
115	S54	9,500	24,000
188	S55	16,000	24,000
94	M98	5,600	15,000
90	M98	5,600	15,000
129	M90	9,000	15,000
150	M150	12,000	15,000
185	M102	14,000	15,000
185	M107	12,500	10,000
29		1,800	12,000
36		2,400	12,000
46		3,200	12,000
92		6,400	12,000

Factory Installed Options
Add suffix to catalog number

Button Photocell Specify Photocell voltage
Swivel Photocell Specify Photocell voltage
Single fusing for 120 and 277 volt
Double fusing for 208 and 240 volt
Tamperproof screws

Accessories
Corrosion protected Wire Guard
Clear Polycarbonate Shield
Shade Glare Shield - Curved
Shade Glare Shield - Rectangular
Emergency Battery Back Up (for 26-42w Fluorescent models only)

Specifications

UL Listing:
Suitable for wet locations. HID fixtures can be wired with 90°C supply wiring if supply wires are routed 3" away from ballast.

Housing:
Die cast aluminum, 1/2" NPS tapped holes top, both sides, back (and bottom of WP2FC) for conduit or photocell. Hinged refractor frame. Continuous silicone rubber gasket.

Reflector:
Specular anodized aluminum, removable for installation. Symmetrical light pattern maximizes distance between fixtures.

WP2C and WP2FC Cutoff Lens:
Tempered, thermal shock resistant glass

WP2 Refractor:
Prismatic optics designed to minimize glare and throw light down and out. Heat resistant borosilicate glass.

Socket:
HID: 4kv Pulse Rated porcelain socket with nickel plated screw shell and spring loaded center contact.
CFL: GX24q-3 = 26w & 32w
GX24q-4 = 42w

Plug-in type Thermoplastic base

Finish:
Chip and fade resistant Bronze or White polyester powder coat finish.



Photometrics

See pages 170-177 for Photometrics

Emergency Battery Back Up:
Bodine "Coldpak" will operate the WP2 42watt CFL lamp for 90 minutes if power fails. Rated -20°C to +55°C. Battery is a maintenance free NiCad with 7-10 year life.

Patents:
The design of the WP2FC Wallpack is protected by U.S. Patent D561,376, Canadian Patent 111944, China Patent ZL200530120059.6, and Taiwan Patent D126,173.

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

WP2C Cutoff

Cutoff Wallpack reduces glare. For 70-150W HPS, 70-150W MH or 42W Compact Fluorescent. All aluminum precision die cast construction with tempered glass lens. 30° cutoff strip included. Lamp supplied.

Finish: ● Bronze
○ White



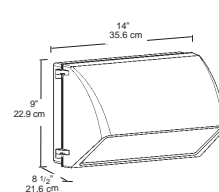
Catalog Numbers

Bronze	White
WP2CSH70	WP2CSH70W
WP2CSH70QT	WP2CSH70QTW
WP2CSN100	WP2CSN100W
WP2CSH100	WP2CSH100W
WP2CSH100QT	WP2CSH100QTW
WP2CSH150QT	WP2CSH150QTW
WP2CH70	WP2CH70W
WP2CH100QT	WP2CH100QTW
WP2CH125PSQ	WP2CH125PSQW
WP2CH150PSQ	WP2CH150PSQW
WP2CH150QT	WP2CH150QTW
WP2CF26	WP2CF26W
WP2CF32	WP2CF32W
WP2CF42	WP2CF42W

/PC	/PC
/PCS	/PCS
/F	/F
/FF	/FF
/TP	/TP

SHC2A	SHC2W
SHR2A	SHR2W
/E1	/E1
/E2	/E2

Dimensions



WP2C Smart Pack

Sensor controlled WP2 SmartPack in 42 watt CFL cutoff & 84 watt CFL refractor models. Starting temperature 0° F/-18°C. Sensor has 180° detection and controls up to 250 watts. 120 volts only. Lamp supplied.

Finish: ● Bronze
○ White



CFL Cutoff: 42 watt Max.



CFL refractor: 84 watt Max.

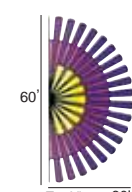
Bronze White

Bronze	White
WP2CF42MS	WP2CF42MSW
WP2F84MS	WP2F84MSW
▲ 120 volt only	

/PC	/PC
/PCS	/PCS
/F	/F
/FF	/FF
/TP	/TP

SHC2A	SHC2W
SHR2A	SHR2W
/E1	/E1
/E2	/E2

Sensor Detection Pattern

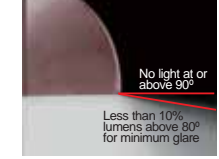


Top View 30'
Side View 30'
Double Look Down Lens

WP2FC Full Cutoff

Fully shielded, Full Cutoff Wallpack. Full Cutoff optics for 70-150W HPS, 70-150W MH or 42 watt CFL. Full Cutoff optics with flat tempered glass lens. Cap/Ignitor cradle and EZ mount knock-outs for easy wiring. Lamp supplied.

Finish: ● Bronze
○ White



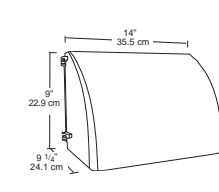
Bronze White

Bronze	White
WP2FCH70QT	WP2FCH70QTW
WP2FCH100QT	WP2FCH100QTW
WP2FCH125PSQ	WP2FCH125PSQW
WP2FCH150PSQ	WP2FCH150PSQW
WP2FCH150QT	WP2FCH150QTW
WP2FCF26	WP2FCF26W
WP2FCF32	WP2FCF32W
WP2FCF42	WP2FCF42W

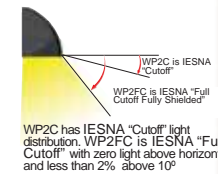
/PC	/PC
/PCS	/PCS
/F	/F
/FF	/FF
/TP	/TP

SHC2A	SHC2W
SHR2A	SHR2W
/E1	/E1
/E2	/E2

Dimensions



Top View 30'
Side View 30'
Double Look Down Lens



Pick the Cutoff You Need



WALLPACKS

WP3, WP3C & WP3FC



New!
Fully Shielded
Full Cutoff



Friendly
Lighting

E PULSE START
High Efficiency Metal Halide
Complies with EISA 2007

RAB's 250 watt HID Wallpacks are energy efficient and packed with quality features. Available in Standard, Cutoff and Full Cutoff models. Perfect for security and perimeter lighting.

Photocell mounting hole
Precision die cast aluminum housing with durable bronze or white polyester powder coat finish

Borosilicate glass refractor

Top, side and back conduit openings

Drilling template on WP3 for easy box mounting

Door frame opens and remains captive for easy lamp replacement

Silicone gasket remains in place during relamping

Shipped in highly protective molded styrofoam packaging

Long life lamp supplied

Shades are great with wallpacks to reduce glare. See page 40

Product Information

Watts	Lamp Type	Lamp Base	Ballast
High Pressure Sodium Lamp supplied with fixture	250	ED28	Mogul CWA HPF QT
Metal Halide Lamp supplied with fixture	Ⓜ200 Ⓜ250	T15 ED28	Mogul CWA HPF QT Mogul CWA HPF QT
Compact Fluorescent	120	2G8-1	Hex Electronic HPF

PSQ & QT=Quad Tap=120 / 208 / 240 / 277 volts

Ⓜ = Pulse Start

Factory Installed Options
Add suffix to catalog number

Accessories

Button Photoell Specify Photocell voltage
Swivel Photoell Specify Photocell voltage
Single fusing for 120 and 277 volt
Double fusing for 208 and 240 volt
Quartz Restrike
Tamperproof screws
Corrosion protected Wire Guard
Shade - Curved
Shade - Rectangular

Starting Amps / Operating Amps	120V	208V	240V	277V
1.8/2.5	1.0/1.5	0.9/1.3	0.8/1.1	
1.4/2.0	.8/1.2	.7/1.0	.6/0.9	
1.4/2.5	.8/1.2	.7/1.0	.6/1.1	
1.2	1	.8	.6	

480 volt only ballast (consult factory)

Wire Guard GDWP3W (fits WP3 only)

Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours
295	S50	28,500	24,000
232	M136	21,000	15,000
288	M138	25,000	15,000
139		9,000	20,000

Curved Glare Shield SHC3 (fits WP3WP)
Rectangular Glare Shield SHR3 (fits WP3WP)

New!
WP3

Large wallpack for 250 watt HPS or Metal Halide or 120 watt CFL. All aluminum precision die cast construction with tempered glass refractor. Lamp supplied.

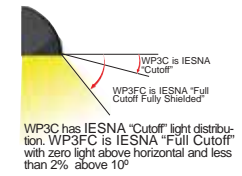
Finish: ● Bronze
○ White



New!
WP3C Cutoff

Large cutoff wallpack for 250 watt HPS or Metal Halide or 120 watt CFL. All aluminum precision die cast construction with tempered glass refractor. Lamp supplied.

Finish: ● Bronze
○ White



New!
WP3FC Full Cutoff

Fully shielded, Full Cutoff Wallpack. Full Cutoff optics for 250 watt HPS, 200-250 watt MH or 120 watt CFL. Full Cutoff optics with flat tempered glass lens. Cap/Ignitor cradle and EZ mount knock-outs for easy wiring. Lamp supplied.

Finish: ● Bronze
○ White



Catalog Numbers

Bronze	White	Bronze	White	Bronze	White
WP3SC250QT	WP3SC250QTW	WP3CSC250QT	WP3CSC250QTW	WP3FCSC250QT	WP3FCSC250QTW
WP3H200PSQ	WP3H200PSQW	WP3CH200PSQ	WP3CH200PSQW	WP3FCH200PSQ	WP3FCH200PSQW
WP3H250PSQ	WP3H250PSQW	WP3CH250PSQ	WP3CH250PSQW	WP3FCH250PSQ	WP3FCH250PSQW
WP3F120QT	WP3F120QTW	WP3CF120QT	WP3CF120QTW		
/PC	/PC	/PC	/PC	/PC	/PC
/PCS	/PCS	/PCS	/PCS	/PCS	/PCS
/F	/F	/F	/F	/F	/F
/FF	/FF	/FF	/FF	/FF	/FF
/QR	/QR	/QR	/QR	/QR	/QR
/TP	/TP	/TP	/TP	/TP	/TP
GDWP3W	GDWP3W	GDWP3FC	GDWP3FC	GDWP3FC	GDWP3FC
SHC3A	SHC3W	SHC3A	SHC3W		
SHR3A	SHR3W	SHR3A	SHR3W		

Note: Guard and Shield may be used together for extra vandal resistance

Specifications

UL Listing:
Suitable for wet locations.

Housing:
Die cast aluminum, 1/2" NPS tapped top, both sides and back for conduit or photocell. Hinged door frame. Continuous silicone rubber gasket.

Reflector:
Specular anodized aluminum, removable for installation. Symmetrical light pattern maximizes distance between fixtures.

Reflector:
Prismatic optics designed to minimize glare and throw light down and out. WP3 Heat resistant borosilicate glass.
WP3C/WP3FC: Tempered glass lens

Socket:
4kv Pulse Rated Mogul Porcelain socket with nickel plated screw shell and spring loaded center contact.

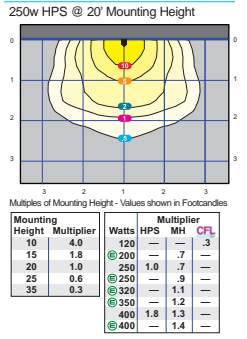
Finish:
Chip and fade resistant Bronze or White polyester powder coat finish.

Patents:
The design of the WP3FC Wallpack is protected by U.S. Patent D584,445, Canadian Patent D127,159, Mexico Patent 28575, Taiwan Patent D130019 and China patent pending.

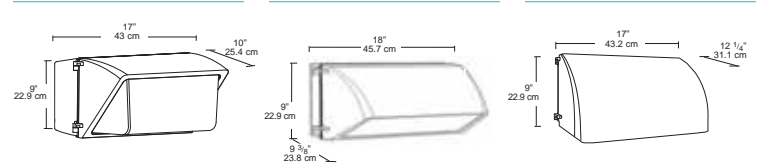
Info Online 24/7

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Photometrics



Dimensions



WALLPACKS WP4, WP4C & WP4FC



New! RAB's New and improved 400 watt HID Wallpacks are more compact and sleeker than ever. They're energy efficient and packed with quality features. Available in Standard, Cutoff and Full Cutoff models, they're perfect for security and perimeter lighting.

- Photocell mounting hole
- Precision die cast aluminum housing with durable bronze or white polyester powder coat finish
- Top, side and back conduit openings
- Shipped in highly protective molded styrofoam packaging
- Borosilicate glass refractor
- Door frame opens and remains captive for easy lamp replacement
- Silicone gasket remains in place during relamping
- Tempered glass lens
- Long life lamp supplied



E PULSE START
High Efficiency Metal Halide
Complies with EISA 2007

Product Information

High Pressure Sodium
Lamp supplied with fixture

Metal Halide
Lamp supplied with fixture
E = Pulse Start
PSQ & QT=Quad Tap=120/208/240/277 volts

Watts	Lamp Type	Lamp Base	Ballast
400	ED18	Mogul	CWA HPF QT

Starting Amps / Operating Amps			
120V	208V	240V	277V
3.7/3.8	2.2/2.2	1.9/1.9	1.6/1.7

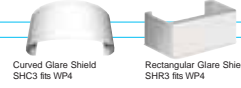
Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours
464	S51	50,000	24,000
368	M132	31,000	20,000
400	M131	35,000	20,000
450	M135	40,000	20,000

Factory Installed Options
Add suffix to catalog number

Button Photocell Specify Photocell voltage
Swivel Photocell Specify Photocell voltage
Single fusing for 120 and 277 volt
Double fusing for 208 and 240 volt
Quartz Restrike
Tamperproof screws

480 volt only ballast (substitute "480" for QT) (consult factory)

Accessories
Corrosion protected Wire Guard
Shade - Curved
Shade - Rectangular



Specifications

UL Listing:
Suitable for wet locations. Fixtures can be wired with 90°C supply wiring if supply wires are routed 3" away from ballast.

Housing:
Die cast aluminum, 1/2" NPS tapped top, both sides and back for conduit or photocell. Hinged refractor frame. Continuous silicone rubber gasket.

Reflector:
Specular anodized aluminum, removable for installation. Symmetrical light pattern maximizes distance between fixtures.

Refractor:
Prismatic optics designed to minimize glare and throw light down and out. WP4 Heat resistant borosilicate glass.

Socket:
4kv Pulse Rated Mogul Porcelain socket with nickel plated screw shell and spring loaded center contact.

Finish:
Chip and fade resistant Bronze or White polyester powder coat finish.

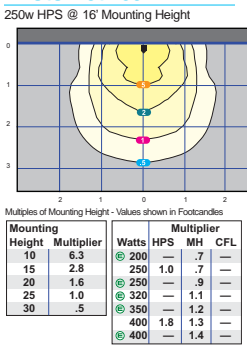
WP4C/WP4FC Cutoff Lens:
Tempered glass.

Patents:
The design of the WP4FC Wallpack is protected by U.S. Patent D583,977, Canadian Patent D127,110, Mexico Patent 28574, Taiwan Patent D130,020 and China patent pending.

Info Online 24/7

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Photometrics



New! WP4

RAB's largest wallpack for 400 watt HPS or 320 - 400 watt Metal Halide. All aluminum precision die cast construction with tempered glass refractor. Lamp supplied.

Finish: ● Bronze
○ White



New! WP4C Cutoff

RAB's largest cutoff wallpack for 400 watt HPS or 320 - 400 watt Metal Halide. All aluminum precision die cast construction with tempered glass refractor. Lamp supplied.

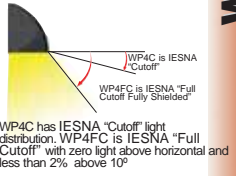
Finish: ● Bronze
○ White



New! WP4FC Full Cutoff

Fully shielded, Full Cutoff Wallpack. Full Cutoff optics for 400 watt HPS or 320-400 watt MH. Full Cutoff optics with flat tempered glass lens. Cap/Ignitor cradle and EZ mount knock-outs for easy wiring. Lamp supplied.

Finish: ● Bronze
○ White

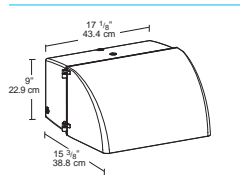
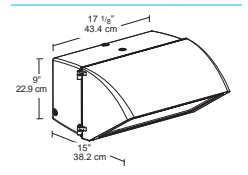
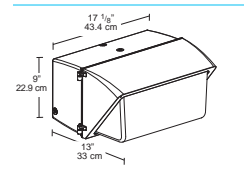


Catalog Numbers

Bronze	White
WP4SC400QT	WP4SC400QTW
WP4H320PSQ	WP4H320PSQW
WP4H350PSQ	WP4H350PSQW
WP4H400PSQ	WP4H400PSQW
/PC	/PC
/PCS	/PCS
/F	/F
/FF	/FF
/QR	/QR
/TP	/TP
GDWP3W	GDWP3W
SHC3A	SHC3W
SHR3A	SHR3W

Bronze	White
WP4CSC400QT	WP4CSC400QTW
WP4CH320PSQ	WP4CH320PSQW
WP4CH350PSQ	WP4CH350PSQW
WP4CH400PSQ	WP4CH400PSQW
/PC	/PC
/PCS	/PCS
/F	/F
/FF	/FF
/QR	/QR
/TP	/TP
GDWP3FC	GDWP3FC
SHC3A	SHC3W
SHR3A	SHR3W

Bronze	White
WP4FCSC400QT	WP4FCSC400QTW
WP4FCH320PSQ	WP4FCH320PSQW
WP4FCH350PSQ	WP4FCH350PSQW
WP4FCH400PSQ	WP4FCH400PSQW
GDWP3FC	GDWP3FC



WALLPACKS YARD BLASTER & DOWN BLASTER

High Pressure Sodium, Metal Halide and Compact Fluorescent. Photocell Controlled Dusk-to-Dawn Yard Light.



Down Blaster

Heavy duty Photocontrol swivels to face desired direction

Shipped in highly protective molded styrofoam packaging

Precision die cast aluminum housing with durable polyester powder coat paint

24" Mounting arm (YARM24) available

Mounting hardware included

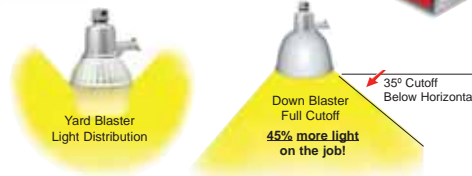
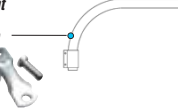
Hydroformed aluminum reflector for maximum light output

Porcelain 4kv pulse rated socket with spring loaded contacts

Lamp supplied

One piece acrylic refractor

Packaging has product features, ballast and lamp specifications plus lighting layout photometrics and installation instructions



Product Information

	Watts	Lamp Type	Lamp Base	Ballast
High Pressure Sodium Lamp supplied with fixture	70	ED17	Medium	R-NPF 120V
	150	ED17	Medium	R-NPF 120V
Metal Halide Lamp supplied with fixture	70	EDX17	Medium	NPF-HPF 120V
	100	EDX17	Medium	NPF-HPF 120V
Compact Fluorescent Lamp supplied with fixture	65	Oct	Medium	NPF 120V

Accessories

Mounting Arm: (YARM24)

24" curved steel arm 1 5/8" pipe diameter with gray polyester powder coat finish. Includes all mounting hardware.



Specifications

UL Listing:
Suitable for wet locations

Housing:
Precision die cast aluminum with gray polyester powder coat finish.

Refractor:

Acrylic

Reflector:

Hydroformed aluminum

Finish:

Standard finish is chip and fade resistant silver gray polyester powder coating.

Socket:

Porcelain 4kv Pulse Rated with spring loaded center contact

Patents:

The designs of RAB fixtures are protected under U.S. and international intellectual property laws.

EPAs:

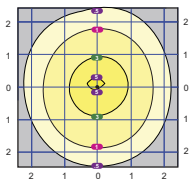
Fixture	EPA
YLS150	.9
YLS70	.7
YLH70	.7
YLF65	.7

Weight:

Fixture	lbs
YLS150	10.6
YLS70	7.7
YLH70	7.7
YLF65	4

Photometrics

70w Metal-Halide Yard Blaster @ 10' Mounting Height



Watts	HPS	MH	CFL
70	1.1	1.0	0.80
100	—	—	1.6
150	2.9	—	—

Replacements:
Lamps Ballasts Photocontrol
LMV175 BYM175 PCYB
LHPS70 BYHPS70 PCYB
LHPS150 BYHPS150 PCYB
LMH70/O N/A N/A
LMH100/O N/A N/A
LCFL65 N/A N/A

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Yard Blaster 70W MH & 100W HPS

70 watt HPS and 70 & 100 watt Metal Halide. Photocell controlled for automatic Dusk-to-Dawn operation. Die cast aluminum housing with silver gray polyester powder coat paint. 24" curved mounting arm available. Open rated lamp supplied.

Finish: ● Silver Gray



New! Yard Blaster CFL

65 watt CFL model. Button Photocell controlled for automatic Dusk-to-Dawn operation. Die cast aluminum housing with silver gray polyester powder coat paint. 24" curved mounting arm available. Min. starting temp - 25°C. Lamp supplied.

Finish: ● Silver Gray



Catalog Numbers

YLS70

YLH70

YLH100

YLF65

YARM24

Yard Blaster 150W HPS

Larger size 150 watt High Pressure Sodium model. Photocell controlled for automatic Dusk-to-Dawn operation. Die cast aluminum housing with silver gray polyester powder coat paint. 24" curved mounting arm available. Lamp supplied.

Finish: ● Silver Gray



Down Blaster

Friendly Barn Light. Full cutoff 70 and 150 watt HPS, 70 and 100 watt MH and 65 watt CFL. 45% more downlight than conventional barn lights. Light is cut off 35° below horizontal. Lamp supplied.

Finish: ● Silver Gray Housing
Finish: ● Natural Aluminum Shade



45% more light
on the job,
not in the sky!

Friendly
Lighting®

The "SHADE"

Convert existing RAB Yard Blaster and most similar 70-175 watt "barn light" fixtures to a Cutoff fixture with full-circle cutoff beam spread. Kit includes: cutoff shield/reflector and 2 attachment clips. Easy 5 minute field installation.

Finish: ● Natural Aluminum



Fits screw-on Barn Lights:

RAB
Lumark
American
Heath-Zenith
Regent/NCI
Electripak
Designer's Edge

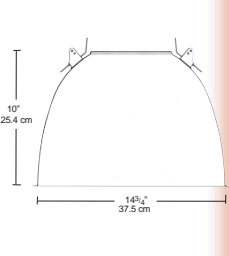
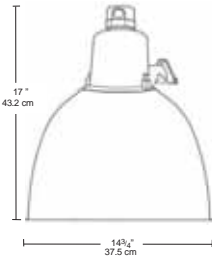
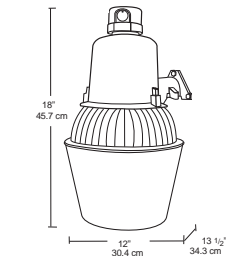
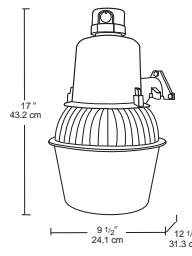
Fits clip-on Barn Lights:

Hubbell
GE



SHY

Dimensions



Shades™

Shades improve the look and light distribution of new, old and mismatched lighting fixtures.



Curved and Rectangular Shades fit over Wallpacks, Floodlights and Vandalproof fixtures

Shade fits existing RAB Yard Blaster and other manufacturer's Barn Lights

Fully covers lamp to cut glare & direct light down

Cover existing fixtures that are worn, unattractive or mismatched. Add vandalproof metal protection.

Field adjustable light distribution

Shades add vandalproof metal protection

Full Cutoff top vents heat, not light

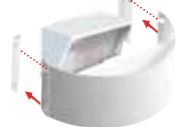
Stainless steel hardware

Easy mounting template



Easy Installation & Relamping

Stop Glare & Light Pollution



1. Attach hanger brackets to wall on each side of fixture. Template provided.
2. Slide shade onto hanger bracket and tighten bolts.



Retrofit old fixtures to comply with new glare and light pollution laws



Yard Blaster Light Distribution



Down Blaster Full Cutoff Light Distribution
45% more light On the job!

35° Cutoff Below Horizontal

Fits Over Fixtures For a Great New Look!



Standard top allows some uplight



Cutoff Top for Fully Shielded Full Cutoff lighting
(depending on shade mounting location)

Specifications

Material:
Die formed aluminum, 2mm thick

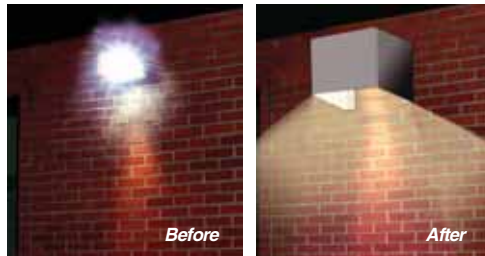
Finish:
Chip and fade resistant bronze or bright white polyester powder coat finish.

Customized Shades:
Consult factory for custom finish colors, sizes, shapes and cut-outs.

Hardware:
Stainless steel nuts, bolts and lock washers. Aluminum "L" brackets.

Patents:
The design of RAB Shades is protected by U.S. Patents D545480, D544989, D544990, D544991, China Patents ZL200530004908.1, ZL200530004907.7, ZL200530004901.X, ZL200530004909.6 and Taiwan Patents D120848, D120850, D120851 and D120849.

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions



Before

After

New! Shades Small

Curved and Rectangular Shades to cut glare and improve the looks of smaller lighting fixtures. Die formed aluminum with mounting brackets and stainless steel hardware.

Finish: ● Bronze
○ White



Shades with Full Cutoff Tops



New! Shades Medium

Curved and Rectangular Shades to cut glare and improve the looks of medium size lighting fixtures. Die formed aluminum with mounting brackets and stainless steel hardware.

Finish: ● Bronze
○ White



Shades with Full Cutoff Tops



New! Shades Large

Curved and Rectangular Shades cut glare and improve the looks of larger lighting fixtures. Die formed aluminum with mounting brackets and stainless steel hardware.

Finish: ● Bronze
○ White



Shades with Full Cutoff Tops



New! Barn Light Shades

Cut glare and light pollution from all RAB Yard Blaster and other brand Barn Light fixtures. Die formed aluminum shade attaches with clips or screws. Stainless steel hardware.

Finish: ● Natural



Fits screw-on Barn Lights:

- RAB
- Lumark
- American
- Heath-Zenith
- Regent/NCI
- Electripak
- Designer's Edge



Fits clip-on Barn Lights:

- Hubbell
- GE



Fits Smaller Fixtures



Small Wall Fixtures



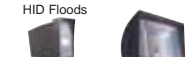
Fits Medium Fixtures



Medium Wall Fixtures



Fits Large Fixtures



Large Wallpacks



Catalog Numbers

Curved **Rectangular**
Bronze **White** **Bronze** **White**

SHC1A SHC1W SHR1A SHR1W
Add suffix "CO" for full black cutoff top

Curved **Rectangular**
Bronze **White** **Bronze** **White**

SHC2A SHC2W SHR2A SHR2W
Add suffix "CO" for full black cutoff top

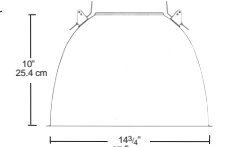
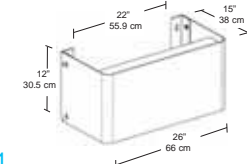
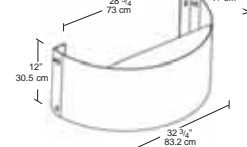
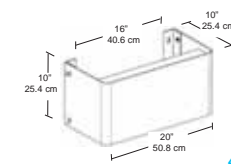
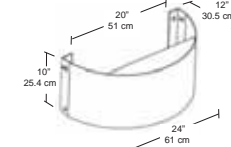
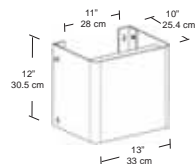
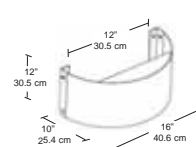
Curved **Rectangular**
Bronze **White** **Bronze** **White**

SHC3A SHC3W SHR3A SHR3W
Add suffix "CO" for full black cutoff top

Natural

SHY

Dimensions



LFLOOD™

LED FLOODLIGHT



10 watt or 13 watt High Performance LED Floodlights. An affordable solution for long life and reliable Spot and Flood lighting.

HBLED10 replaces a 60 watt PAR Halogen

HBLED13 replaces a 100 watt PAR Halogen

All LFLOODs come equipped with Glare Hood

Rugged die cast aluminum housing with powder coat finish

Buy with confidence



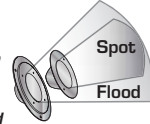
Available with 10 watt or 13 watt Light Engine

Weatherproof high temperature silicone gaskets

**Auto voltage sensing drivers.
10 watt up to 240 volts. 13 watt up to 277 volts**



Includes field switchable flood and spot reflectors



Set screw to secure hood

Heavy duty mounting arm with internal O-ring, locking teeth, and stainless steel screw

EZ Grip locknut matches fixture finish and can be adjusted with fingers, pliers or a screwdriver



Product Information

Lamp Watts	Input Watts	Voltage	Color Temp.
10	13.2	100-240	Cool
10	13.3	100-240	Warm
13	15	100-240, 277	Cool
13	15	100-240, 277	Warm

Spot Beam Angle	Spot Lumens	Spot LPW	CRI	Flood Beam Angle	Flood Lumens	Flood LPW	Operating Hours
29	400	30	61	75	338	25	50,000
28	350	26	75	75	297	23	50,000
26	820	54	69	65	724	47	50,000
27	461	30	86	65	461	30	50,000

Specifications

UL Listing:
Suitable for wet locations. Suitable for mounting within 4' of the ground.

LED Light Engine:
Multi-chip 10W or 13W high output long life LED

10W Driver: Constant Current, Class 2, 120V-240V, 50/60 Hz, 350mA, .2-.1 Amps 1kv Surge Protection

13W Driver: Constant Current, Class 2, 100V-277V, 50/60 Hz, 4kv Surge Protection 100-240VAC, .3-.15 Amps 277VAC, .15 Amps, 720mA

Lumen Maintenance:
The LED will deliver 70% of its initial lumens at 50,000 hours of operation.

Housing:
Precision die cast aluminum housing, lens frame

Heatsink:
Cast aluminum patent pending thermal management system for optimal heat sinking. The LFLOOD is designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

Swivels:
Fully adjustable with sure-grip locks. 1/2" NPS threaded arm with serrated locking swivel fits all standard mounting covers. Color matched EZ Grip lock nuts. Stainless steel screw.

Gaskets:
High temperature silicone

Finish:
Chip and fade resistant polyester powder coat finish.

California Title 24:
LFLOOD complies with California Title 24 building and electrical codes

Green Technology:
RAB LEDs are Mercury and UV free.

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires are tested by independent laboratories in accordance with IESNA LM-79 and have received the Department of Energy "Lighting Facts" label. LM-80 lumen depreciation test results are available upon request.

Patents:
LFLOOD heatsink technology is protected under utility patents pending in the U.S., Canada and China.

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

New! LFLOOD 10

Bullet shape die cast aluminum flood with 10 watt LED Light Engine. Equivalent to 60W PAR Halogen. Comes with flood reflector installed. Optional spot reflector included for field installation.

Finish: ● Bronze
● Black
○ White
● Verde Green



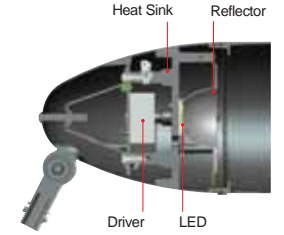
New! LFLOOD 13

Bullet shape die cast aluminum flood with 13 watt LED High Performance Light Engine. Equivalent to 100W PAR Halogen. Comes with flood reflector installed. Optional spot reflector included for field installation.

Finish: ● Bronze
● Black
○ White
● Verde Green



Use with STL360 (Catalog # STL360W)



Patent Pending Thermal Management System



Great for entranceway lighting...

Catalog Numbers

Bronze	Black	White	Verde Green
HBLED10A	B	W	VG
HBLED10YA			

For Black, White or Verde Green finish add suffix B, W, or VG after Bronze Catalog number

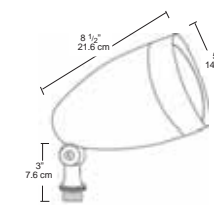
Bronze	Black	White	Verde Green
HBLED13A	B	W	VG
HBLED13YA			

For Black, White or Verde Green finish add suffix B, W, or VG after Bronze Catalog number



soffit mounting with a sensor...

Dimensions



and landscape lighting.

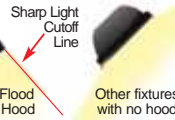
HID FLOODS FUTURE FLOOD



Preferred by contractors for reliability, quality features and ease of installation.

Easy Clip for tool-less relamping with vandalproof screw capability

Integra Hood Glare Shield for Friendly Lighting when properly aimed

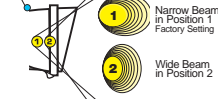


Silicone gasket stays in place for durable weatherproofing & easy relamping

Precision die cast aluminum housing with durable polyester powder coat finish

Variable beam spread with 2 position adjustable socket

Long life lamp supplied



Mounting arm with sturdy locking teeth & internal gasket

EZ Grip Locknut matches fixture finish and can be adjusted with fingers, pliers or screwdriver

Product Information

	Watts	Lamp Type	Lamp Base	Ballast
High Pressure Sodium Lamp supplied with fixture	35	ED17	Med	R-NPF 120V
	50	ED17	Med	R-NPF 120V
	70	ED17	Med	R-NPF 120V
	100	ED17	Med	R-NPF 120V
	150	ED17	Med	R-NPF 120V

Metal Halide
Lamp supplied with fixture
PULSE START
PS* = Pulse Start

	Watts	Lamp Type	Lamp Base	Ballast
Fluorescent Lamp supplied with fixture CFL New! Photocell included	42	Triple	GX24q-4	Electronic QT
	42	Triple	GX24q-4	Electronic QT

Factory Installed Options
Add suffix to catalog number
Button Photocontrol
Swivel Photocontrol

Accessories for Field Installation:
Replacement Lens and Frame:
Mighty Post for ground installation:
Chrome Plated Wire Guard:

Specifications

UL Listing:
Suitable for wet locations. Suitable for mounting within 4' of the ground.

Housing:
Precision die cast aluminum, 1/2" NPS threaded arm with locking swivel fits all standard mounting boxes.

Reflector:
Anodized semi-specular aluminum

Lens:
Thermal tempered shock resistant glass

Lens Gasket:
High temperature tubular silicone set in die cast retaining groove remains in place during relamping.

Socket:
Glazed porcelain 4kv pulse rated with nickel plated screw shell and spring contacts.

Finish:
Chip and fade resistant Bronze or White polyester powder coat finish.

Patents:
The design of the Future Flood is protected by U.S. Patent #D420458 and similar patents pending in China, Taiwan and Canada.

Effective Projected Area:
Maximum EPA = .4

Weight:

Fixture	lbs	Fixture	lbs
HPS35	6	MH50	8
HP50	7	MH70	9
HPS70	7		
HPS100	8		
HPS150	9		

Starting Amps / Operating Amps	Input				Lamp	Initial	Lamp	
	120V	208V	240V	277V				Watts
	46	576	2,300	24,000	46	S76	4,000	24,000
	62	S68	4,000	24,000	66	S62	6,300	24,000
	86	S62	6,300	24,000	115	S54	9,500	24,000
	170	S55	16,000	24,000	72	M110	3,400	10,000
	94	M98	5,600	15,000				

LFF (Bronze) LFFW (White)
MPM19 - see Pg. 132-133 for details
GDFF

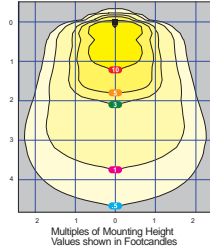
Info Online 24/7

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

IES catalog number products are ENERGY STAR qualified.
Photocell included.
See: www.energystar.gov

Photometrics

150w HPS @ 10' Mounting Height
Aimed 30° below horizon



Multiples of Mounting Height
Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
8	1.6	35	.1	—	—
10	1.0	42	—	.2	—
15	.4	50	.3	.2	—
20	.3	70	.4	.4	—
25	.2	100	.6	—	—
		150	1.0	—	—

FF HPS & MH

Compact, tough and good looking cast aluminum housing with hinged framed glass lens. Integra Hood glare shield and stainless steel clip. 35 to 150 watt HPS, 50 & 70 watt Pulse Start Metal Halide. Lamp supplied.

Finish: ● Bronze
○ White



FF CFL

White light in a compact package. Compact Fluorescent 42 watt with quad tap electronic ballast. Operating temperature 0° F. Energy Star model includes photocell. Lamp supplied.

Finish: ● Bronze
○ White



FF Guard

Heavy duty chrome plated steel wire guard prevents damage and vandalism. Easily field installable. Also fits QF500F Quartz flood.

Finish: ● Chrome plated steel



Catalog Numbers

Bronze	White	Bronze	White
FF35	FF35W		
FF50	FF50W		
FF70	FF70W		
FF100	FF100W		
FF150	FF150W		
FFH50	FFH50W		
FFH70	FFH70W		
		FF42QT	FF42QTW
		FF42QT/PC/ES	FF42QTW/PC/ES
/PC	/PC	/PC	/PC
/PCS	/PCS	/PCS	/PCS

Replacement Lamps

Lamps	Ballasts
LHPS35	BHPSN35
LHPS50	BHPSN50
LHPS70	BHPSN70
LHPS100	BHPSN100
LHPS150	BHPSN150

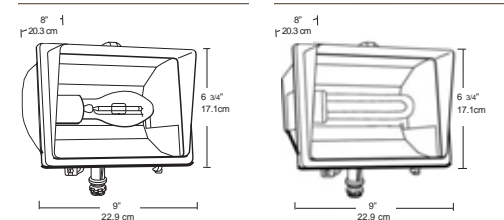
Order fixture
+ order GDFF guard

Order fixture
+ order GDFF guard

Lamps	Ballasts
LMH50	BMH50
LMH70	BMH70
LCFL42	BCFL42

GDFF

Dimensions



HID FLOODS

Flex Flood®



Specification grade HID floodlight with cutting edge design, architectural quality, superior features and mounting options at competitive prices.

Integra Hood glare shield for Friendly Lighting when properly aimed

Silicone gasket for durable weatherproofing & easy relamping

Precision die cast aluminum housing with durable bronze or white polyester powder coat finish

Anodized aluminum reflector rotates for horizontal or vertical lamp position

Medium base 4kv pulse rated socket (Two field adjustable socket positions allow fine tuning of beam spread)



Fins for heat dissipation extend lamp and ballast life

Swivel Wall Trunnion Slipfitter

Swivel Wall Mount Trunnion Slipfitter

PULSE START
High Efficiency Metal Halide

Product Information

High Pressure Sodium
Lamp supplied with fixture
QT = Quad Tap = 120 / 208 / 240 / 277 volts

Metal Halide
Lamp supplied with fixture
PS = Pulse Start
PSQ & QT = Quad Tap = 120 / 208 / 240 / 277 volts

Compact Fluorescent
Lamp supplied with fixture

Watts	Lamp Type	Lamp Base	Ballast
70	ED17	Med	R-HPF 120V
70	ED17	Med	HX-HPF QT
100	ED17	Med	R-HPF 120V
100	ED17	Med	HX-HPF QT
150	ED17	Med	R-HPF 120V
150	ED17	Med	HX-HPF QT
PS 50	ED17	Med	HX-HPF QT
PS 70	ED17	Med	HX-HPF QT
PS 100	ED17	Med	HX-HPF QT
PS 125	ED17	Med	CWA-HPF QT
PS 150	ED17	Med	HX-HPF QT
150	ED17	Med	CWA-HPF QT
42	Triple	GX24q-4	Electronic HPF

Factory Installed Options
Add suffix to catalog number

Accessories

Button Photocell
Swivel Photocell

Single fusing for 120 and 277 volt
Double fusing for 208 and 240 volt

Wire Guard

Specifications

UL Listing:
Suitable for wet locations. Suitable for mounting within 4' of the ground.

Housing:
Precision die cast aluminum, with 1/2" NPS locking Swivel Arm, Wall Bracket Trunnion or Slipfitter.

Reflector:
Anodized aluminum. Field adjustable beam spread. Rotates 90° for horizontal or vertical lamp position.

Lens Frame & Glare Shield:
Precision die cast aluminum. Hinged for easy access. Phillips head screws for added security.

Finish:
Chip and fade resistant Bronze or White polyester powder coat finish.

Socket:
HID: Porcelain 4KV Pulse Rated socket with nickel plated screw shell.
CFL: Plug in type, GX24q-4 base

Lens:
Tempered thermal shock resistant glass 3/16" thick

Lens Gasket:
High temperature one piece molded silicone set in the cast retaining groove. Remains in place during relamping.

Ground Mounting:
Use the new MPM19 PVC Mighty Post with aluminum cap for sturdy installation.

Effective Projected Area:
Maximum EPA: 1.1

Patents:
The design of the FlexFlood is protected by U.S. Patents D544125, D545472, D545471, D545987, China Patents ZL200530004904.3, ZL200530004905.8, ZL200530004903.9, ZL200530004906.2, ZL200530004902.4, Taiwan Patents D113250, D113248, and D113252.

Weight:

Fixture	lbs	Fixture	lbs
HPS70	17	MH50	15
HPS100	19	MH70	16
HPS150	19	MH100	17
		MH150	18

Photometrics

150w MH @ 10' Mounting Height Aimed 30° below horizontal

Multiples of Mounting HL - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
8	1.6	42	-	-	.3
10	1.0	70	.5	.4	-
15	.4	100	.7	.7	-
20	.3	PS125	-	.9	-
		PS150	-	1.0	-
25	.2	150	1.2	.9	-

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

FlexFlood® Swivel
Medium base HPS, MH or CFL specification grade flood with Integra Hood glare shield and 1/2" heavy duty swivel arm. Lamp supplied.



FlexFlood® Wall Mount
Medium base HPS, MH or CFL specification grade flood with Integra Hood glare shield and fixed wall mounting bracket. Bracket provides 2 different Full Cutoff Mounting angles. Can be mounted as upright. Lamp supplied.



FlexFlood® Trunnion
Medium base HPS, MH or CFL specification grade flood with Hood glare shield and Trunnion mounting bracket. Lamp supplied.



FlexFlood® Slipfitter
Medium base HPS, MH or CFL specification grade flood with Integra Hood glare shield and slipfitter mount for 2 3/8" diameter tenons. Lamp supplied.



Catalog Numbers

Bronze	White
FX70	FX70W
FX70QT	FX70QTW
FX100	FX100W
FX100QT	FX100QTW
FX150	FX150W
FX150QT	FX150QTW
FXH50QT	FXH50QTW
FXH70QT	FXH70QTW
FXH100QT	FXH100QTW
FXH125PSQ	FXH125PSQW
FXH150PSQ	FXH150PSQW
FXH150QT	FXH150QTW
FXF42QT	FXF42QTW

Bronze	White
FX70X	FX70XW
FX70XQT	FX70XQTW
FX100X	FX100XW
FX100XQT	FX100XQTW
FX150X	FX150XW
FX150XQT	FX150XQTW
FXH50XQT	FXH50XQTW
FXH70XQT	FXH70XQTW
FXH100XQT	FXH100XQTW
FXH125XPSQ	FXH125XPSQW
FXH150XPSQ	FXH150XPSQW
FXH150XQT	FXH150XQTW
FXF42XQT	FXF42XQTW

Bronze	White
FX70T	FX70TW
FX70TQT	FX70TQTW
FX100T	FX100TW
FX100TQT	FX100TQTW
FX150T	FX150TW
FX150TQT	FX150TQTW
FXH50TQT	FXH50TQTW
FXH70TQT	FXH70TQTW
FXH100TQT	FXH100TQTW
FXH125PSQ	FXH125PSQW
FXH150PSQ	FXH150PSQW
FXH150TQT	FXH150TQTW
FXF42TQT	FXF42TQTW

Bronze	White
FX70SF	FX70SFW
FX70SFQT	FX70SFQTW
FX100SF	FX100SFW
FX100SFQT	FX100SFQTW
FX150SF	FX150SFW
FX150SFQT	FX150SFQTW
FXH50SFQT	FXH50SFQTW
FXH70SFQT	FXH70SFQTW
FXH100SFQT	FXH100SFQTW
FXH125FFSQ	FXH125FFSQW
FXH150FFSQ	FXH150FFSQW
FXH150SFQT	FXH150SFQTW
FXF42SFQT	FXF42SFQTW

Specify Photocell voltage

/PC /PC
/PCS /PCS

/F /F
/FF /FF

GDFX GDFX

/PC /PC
/PCS /PCS

/F /F
/FF /FF

GDFX GDFX

/PC /PC
/PCS /PCS

/F /F
/FF /FF

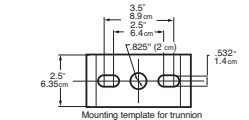
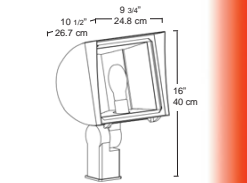
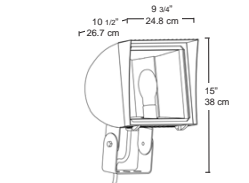
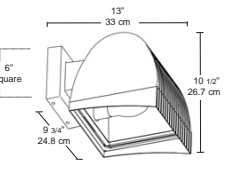
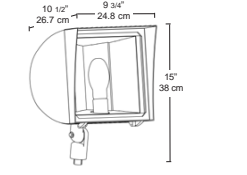
GDFX GDFX

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GDFX GDFX

Dimensions



HID FLOODS

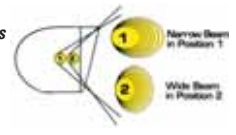
Flex Flood[®] XL



PULSE START
High Efficiency Metal Halide
Complies with EISA 2007

Specification Grade 400 and 250 watt HID floodlight with cutting edge design, architectural quality, superior features and mounting options at competitive prices.

- Integra Hood glare shield for Friendly Lighting when properly aimed
- Silicone gasket for durable weatherproofing & easy relamping
- Precision die cast aluminum housing with durable bronze or white polyester powder coat finish
- Mogul base 4kv pulse rated socket (Two field adjustable socket positions allow fine tuning of beam spread)
- Anodized aluminum reflector
- Fins for heat dissipation extend lamp and ballast life



Product Information

	Watts	Lamp Type	Lamp Base	Ballast
High Pressure Sodium Lamp supplied with fixture QT = Quad Tap = 120 / 208 / 240 / 277 volts	250 400	ED18 ED18	Mogul Mogul	CWA-HPF QT CWA-HPF QT
Metal Halide Lamp supplied with fixture P = Pulse Start PSQ = Quad Tap = 120 / 208 / 240 / 277 volts	200 250 320 350 400	T15 ED28 ED28 ED28 ED28	Mogul Mogul Mogul Mogul Mogul	CWA-HPF QT CWA-HPF QT CWA-HPF QT CWA-HPF QT CWA-HPF QT

Starting Amps / Operating Amps	120V			208V			240V			277V		
	1.8 / 2.5	1.0 / 1.5	0.9 / 1.3	0.8 / 1.1	3.7 / 3.5	2.2 / 2.2	1.9 / 1.9	1.6 / 1.7	1.4 / 2.0	0.8 / 1.2	0.7 / 1.0	0.6 / 0.9
Input Watts	295	464	232	288	365	400	450	232	288	365	400	450
Lamp ANSI	S50	S51	M136	M138/M153	M132/M154	M131	M135/M155	M136	M138/M153	M132/M154	M131	M135/M155
Initial Lumens	28,500	50,000	19,000	22,000	30,000	33,000	40,000	19,000	22,000	30,000	33,000	40,000
Lamp Hours	24,000	24,000	15,000	12,000	20,000	20,000	20,000	15,000	12,000	20,000	20,000	20,000



Specifications

- UL Listing:** Suitable for wet locations. Suitable for mounting within 4' of the ground.
- Housing:** Precision die cast aluminum, with Wall Bracket Trunnion or Slipfitter.
- Reflector:** Anodized aluminum. Field adjustable beam spread.
- Lens Frame & Glare Shield:** Precision die cast aluminum. Hinged for easy access. Phillips head screws for added security.
- Finish:** Chip and fade resistant Bronze or White polyester powder coat finish.

- Socket:** HID: Porcelain 4KV Pulse Rated mogul base socket with nickel plated screw shell. CFL: Plug in type, GX24q-4 base
- Lens:** Tempered thermal shock resistant glass, 3/16" thick.
- Lens Gasket:** High temperature one piece molded silicone set in die cast retaining groove. Remains in place during relamping.
- Effective Projected Area:** Maximum EPA: 2.0

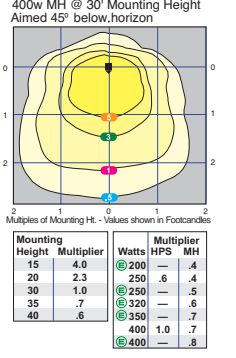
Info Online 24/7

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Patents: The design of the FlexFlood XL is protected by U.S. Patents D552283, D560387, D549380 and D552282, Canada Patents D115522, D115602, D115147 and D115601, China Patents ZL200630133219.5, ZL200630133220.8, ZL200630014233.3 and ZL200630133222.7, Taiwan Patents D121517, D121171 and D120512 and Taiwan patents pending.

Fixture	lbs	Fixture	lbs
HPS250	34	MH200	31
HPS400	36	MH250	32
		MH320	32
		MH350	32
		MH400	32

Photometrics



New! FXL Wall Mount

HPS or MH specification grade flood with Integra Hood glare shield and fixed wall mounting bracket. Bracket provides 2 different Full Cutoff Mounting angles. Factory wired for 277V. Can be mounted as uplight. Lamp supplied.

- Finish: ● Bronze ○ White



Bronze **White**
FXLX FXLXW

New! FXL Trunnion

HPS or MH specification grade flood with Integra Hood glare shield and Trunnion mounting bracket. Factory wired for 277V. Lamp supplied.

- Finish: ● Bronze ○ White



Bronze **White**
FXT FXTW

New! FXL Slipfitter

HPS or MH specification grade flood with Integra Hood glare shield and slipfitter mount for 2 3/8" diameter tenons. Factory wired for 277V. Lamp supplied.

- Finish: ● Bronze ○ White



Bronze **White**
FXSF FXSFw



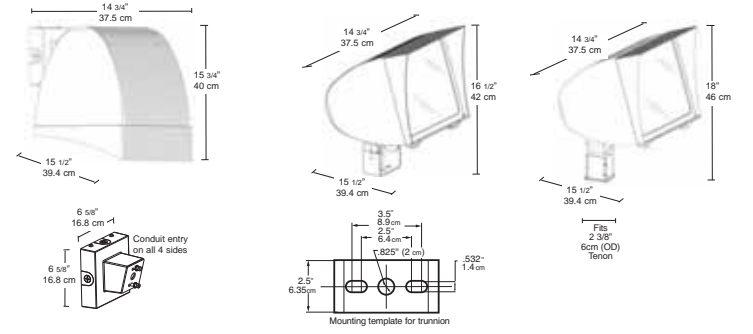
Catalog Numbers

Bronze	White
FXL250XQT FXL400XQT	FXL250XQTW FXL400XQTW
FXLH200XPSQ FXLH250XPSQ FXLH320XPSQ FXLH350XPSQ FXLH400XPSQ	FXLH200XPSQW FXLH250XPSQW FXLH320XPSQW FXLH350XPSQW FXLH400XPSQW
/PC /PCS	/PC /PCS
/F /FF	/F /FF
/480	/480
GDFXL	GDFXL

Bronze	White
FXL250TQT FXL400TQT	FXL250TQTW FXL400TQTW
FXLH200TPSQ FXLH250TPSQ FXLH320TPSQ FXLH350TPSQ FXLH400TPSQ	FXLH200TPSQW FXLH250TPSQW FXLH320TPSQW FXLH350TPSQW FXLH400TPSQW
/PC /PCS	/PC /PCS
/F /FF	/F /FF
/480	/480
GDFXL	GDFXL

Bronze	White
FXL250SFQT FXL400SFQT	FXL250SFQTW FXL400SFQTW
FXLH200SFPSQ FXLH250SFPSQ FXLH320SFPSQ FXLH350SFPSQ FXLH400SFPSQ	FXLH200SFPSQW FXLH250SFPSQW FXLH320SFPSQW FXLH350SFPSQW FXLH400SFPSQW
/PC /PCS	/PC /PCS
/F /FF	/F /FF
/480	/480
GDFXL	GDFXL

Dimensions



HID FLOODS FLOODZILLA!



New Integra Hood for Friendly Lighting. Awesome performance with quality and value from this compact 400 & 250 watt HID flood.

New!
2" Integra Hood reduces light trespass and glare

Better heat sinking of components

Reflector designed for precise beam control

Precision die cast aluminum housing with durable bronze powder coat finish

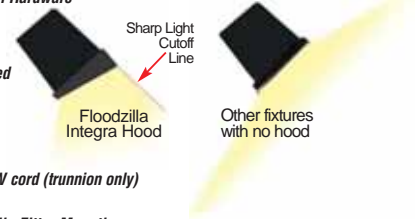
4" and 9" Hoods, Wire Guard and Polycarbonate Shield optional

Stainless Steel External Hardware

Long Life Lamp supplied

Supplied with 3' of STW cord (trunnion only)

Rugged Trunnion or Slip Fitter Mounting



Complies with EISA 2007

Watts	Lamp Type	Lamp Base	Circuit / Voltage
250	ED18	Mogul	CWA HPF QT
400	ED18	Mogul	CWA HPF QT
200	T15	Mogul	CWA HPF QT
250	ED28	Mogul	CWA HPF QT
320	ED28	Mogul	CWA HPF QT
350	ED28	Mogul	CWA HPF QT
400	ED28	Mogul	CWA HPF QT

Product Information

High Pressure Sodium
Lamp supplied with fixture

Metal Halide
Lamp supplied with fixture
E = Pulse Start
PSQ & QT=Quad Tap=120 / 208 / 240 / 277 volts

Factory Installed Options
Add suffix to catalog number

Accessories for Field Installation

Button Photocontrol
Swivel Photocell
Twistlock PC
480 volt only ballast (consult factory)

Glare hood 4" length
Glare hood 9" length
Polycarbonate shield
Wire Guard

Specifications

UL Listing:
Suitable for wet locations. Suitable for mounting within 4' of the ground.

Housing:
Precision die cast aluminum

Reflector:
High quality anodized aluminum

Lens:
Tempered thermal shock resistant glass

Lens Gasket:
Molded one-piece silicone in die cast retaining groove to remain in place during relamping.

Socket:
Glazed porcelain 4kv pulse rated with nickel plated screw shell and spring contacts.

Finish:
Chip and fade resistant Bronze polyester powder coat finish.

Effective Projected Area:

Maximum EPA = 1.3
Maximum EPA with 4" hood = 1.7
Maximum EPA with 9" hood = 2.0

Weight:

Fixture	lbs	Fixture	lbs
HPS250	33	MH200	30
HPS400	35	MH250	31
		MH320	31
		MH350	31
		MH400	31

Patents:

The design of the Floodzilla is protected by U.S. Patents D547478 and D547477, Canadian Patents D115521 and D115510, China Patents ZL200630133217.6 & ZL200630133221.2, Taiwan patents D121170 & D121172.

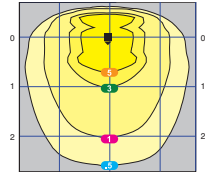
www.rabweb.com

Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions



Photometrics

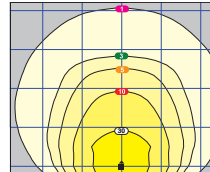
Floodlighting
400w HPS @ 30' Mounting Height
Aimed 45° below horizon



Multiples of Mounting Ht. - Values shown in Footcandles

Mounting Height	Multipier	Watts	HPS	MH
15	4.0	200	-	.4
20	2.3	250	-	.4
30	1.0	250	-	.5
35	.7	320	-	.6
40	.6	350	-	.7
		400	1.0	.8

Sign & Wall Lighting
400w HPS @ 10' Mounting Distance
Aimed 45° above horizon



Multiples of Distance to Sign/Wall - Values in Footcandles

Mounting Height	Multipier	Watts	HPS	MH
5	4.0	200	-	.4
10	1.0	250	-	.4
12	.7	250	-	.5
15	.4	320	-	.6
		350	-	.7
		400	1.0	.7
		400	-	.8

Floodzilla® Trunnion

New clean design, compact, tough and good looking cast aluminum housing with 2" Integra Hood, steel trunnion mount for easy surface mounting and aiming flexibility. Factory wired for 277V. Lamp supplied.

Finish: ● Bronze



Floodzilla® Slipfitter

Floodzilla with integral slip fitter for O.D 2 3/8" tenon size. Slipfitter joint adjusts over 180° arc. Factory wired for 277V. Lamp supplied.

Finish: ● Bronze



Hood, Shield Floodzilla® & Guard

Glare Hoods field install in minutes to further reduce glare and light trespass. Available in 4 1/2" or 9" lengths. Guard is chrome plated heavy gauge wire to provide protection.

Glare Hood Finish: ● Bronze

Guard Finish: ● Chrome plated



Shown with 9" glare hood

Polycarbonate Shield

1/4" thick clear polycarbonate shield protects lens and lamp. Standoffs securely attach the shield to the cover in minutes.



Wire Guard

Can be used with 4" & 9" glare hood



FZH4 (4" length Glare hood)
FZH9 (9" length Glare hood)
GDFZP (Polycarbonate shield)
GDFZW (Wire Guard)



Replacement Lamps

Ballasts

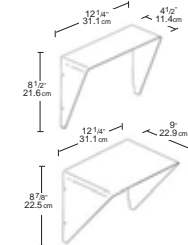
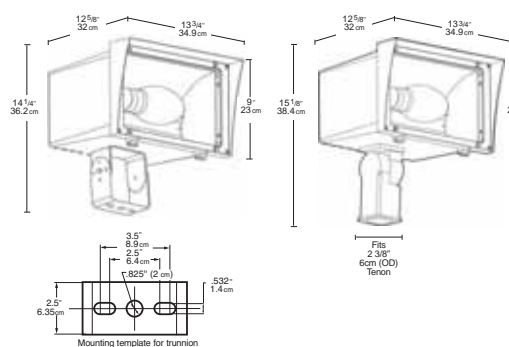
LHPS250	BHPSH250QT
LHPS400	BHPSH400QT
LMH200PS	BMHH200PSQ
LMH250PS	BMHH250PSQ
LMH320PS	BMHH320PSQ
LMH350PS	BMHH350PSQ
LMH400PS	BMHH400PSQ

Catalog Numbers

FZS250QT	FZS250SFQT
FZS400QT	FZS400SFQT
FZH200PSQ	FZH200SFPSQ
FZH250PSQ	FZH250SFPSQ
FZH320PSQ	FZH320SFPSQ
FZH350PSQ	FZH350SFPSQ
FZH400PSQ	FZH400SFPSQ

Specify Photocell voltage
/PC
/PCS
/PCT
/480

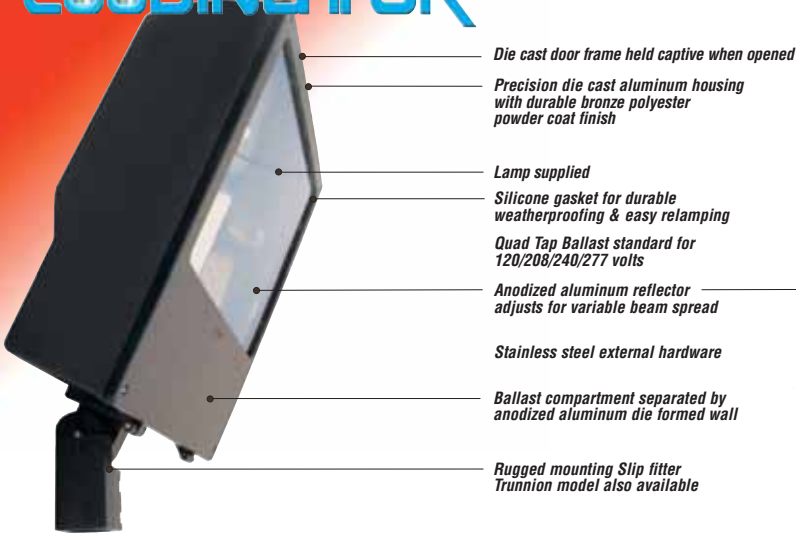
Dimensions



Poles, Bullhorns and Mounting Brackets available
See pages 64-85



HID FLOODS FLOODINATOR®



BIG, powerful performance, quality and value.
These state-of-the-art 1000 watt HID floods have a full range of mounting options and accessories.

Die cast door frame held captive when opened

Precision die cast aluminum housing with durable bronze polyester powder coat finish

Lamp supplied

Silicone gasket for durable weatherproofing & easy relamping

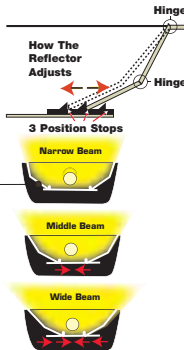
Quad Tap Ballast standard for 120/208/240/277 volts

Anodized aluminum reflector adjusts for variable beam spread

Stainless steel external hardware

Ballast compartment separated by anodized aluminum die formed wall

Rugged mounting Slip fitter Trunnion model also available



Product Information

	Watts	Lamp Type	Lamp Base	Ballast
High Pressure Sodium Lamp supplied with fixture QT = Quad Tap = 120 / 208 / 240 / 277 volts	1000	ED25	Mogul	CWA-HPF QT
	1000	ED25	Mogul	CWA-HPF 480
Metal Halide Lamp supplied with fixture PSQ & QT=Quad Tap=120 / 208 / 240 / 277 volts	1000	BT56	Mogul	CWA HPF QT
	1000	BT56	Mogul	CWA HPF 480

Starting Amps / Operating Amps	120V 208V 240V 277V 480V			
	72/9.5 42/5.5 36/4.8 3.1/4.2	2.3/2.3		
60/9.0 3.5/5.2 3.0/4.5 2.6/3.9	1.9/2.3			

Input Watts	Lamp ANSI	Lamp Initial Lumens	Lamp Life Hours
1100	S52	140,000	20,000
1100	S52	140,000	20,000
1080	M47	110,000	20,000
1080	M47	110,000	20,000

Catalog Numbers

Bronze
FNS1000QT
FNS1000/480

FNH1000QT
FNH1000/480

/PC
/PCS
/F
/FF
GDFN
FNH6
FNH12

Bronze
FNS1000SFQT
FNS1000SF/480

FNH1000SFQT
FNH1000SF/480

/PC
/PCS
/F
/FF
GDFN
FNH6
FNH12

Bronze

FNH6
FNH12

Replacement Lamps	Replacement Ballasts
LHPS1000 LHPS1000	BHPSH1000QT BHPSH1000/480
LMH1000 LMH1000	BMHH1000QT BMHH1000/480

GDFN

Specifications

UL Listing:
Suitable for wet locations. Suitable for mounting within 4' of the ground.

Housing:
One-piece die cast aluminum with die cast door frame held captive when opened.

Reflector:
Unique mechanism provides field adjustable variable beam spread. Patent pending. High quality anodized aluminum eliminates redirected energy to prolong lamp life. Contoured for maximum horizontal and vertical beam dispersion.

Finish:
Chip and fade resistant Bronze polyester powder coat finish.

Lens:
Tempered, thermal, shock resistant glass, 5/32" thick

Lens Gasket:
High temperature extruded silicone set in die cast retaining groove. Remains in place during relamping.

Socket:
Porcelain socket pulse rated 4KV, 1500 watts and 600 volts, reinforced with cat's eyes for added durability. Silicone and fiberglass #14 gauge socket leads rated for 200°C. Plated screw shell designed to resist corrosion with spring loaded center contact.

Effective Projected Area:
Maximum EPA: 4.0
Maximum EPA with 6" Hood: 5.9
Maximum EPA with 12" Hood: 8.1

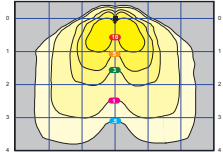
Fixture	lbs	Fixture	lbs
HPS1000	75	MH1000	68

Patents:
The design of the Floodinator is protected by U.S. Patents D567980 and D572396, Canadian Patents D121990 and D121998, China Patents ZL200730149207.6 & ZL200730149212.7 Taiwan patent D127687, along with more patents pending in Canada, Taiwan, China and Mexico.

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Photometrics

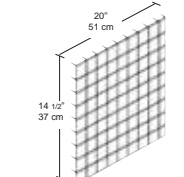
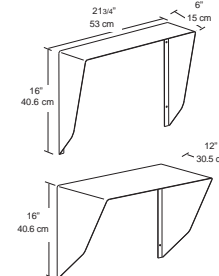
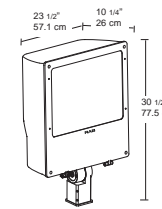
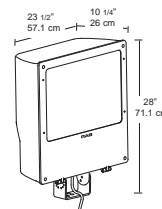
1000w HPS @ 30' Mounting Height
Aimed 30° below horizontal



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multipier	Watts	Multipier	MH
25	1.4	1000	1.0	.8
30	1.0			
35	.7			
40	.6			
45	.4			
50	.4			

Dimensions



Finish: ● Bronze



Finish: ● Bronze

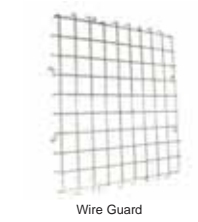


Finish: ● Bronze



FNH12
Hood shown

Finish: ● Chrome



Wire Guard

Poles, Bullhorns and Brackets available
(see page 84-87)



INCANDESCENT H SYSTEM FLOODS



A system of interchangeable Floodlights, Hoods, Guards & Visors.

Rugged die cast aluminum housing with powder coat finish

Lamp recessed 1" from lip for side glare reduction

Larger diameter housing for easier relamping

Set screw for hood, grill or visor attachment

Heavy duty mounting arm with internal O-ring, locking teeth, and stainless steel screw

EZ Grip locknut matches fixture finish and can be adjusted with fingers, pliers or a screwdriver

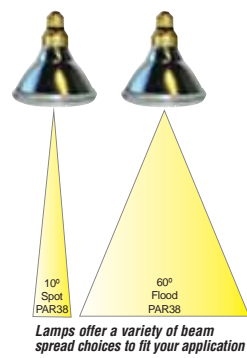
Large Silicone rubber gasket provides weatherproof protection around lamp and socket

HV Visor with integral guard and glass lens for maximum glare reduction and lamp protection



HG Guard: Protects lamp from damage and vandalism

HH Hood with glass lens reduces glare and protects lamp from water and impact damage



Lamps offer a variety of beam spread choices to fit your application

H101 Bell

Large size flood for easier relamping and glare reduction. Durable one piece die casting with rugged mounting arm, weatherproof gasket and drain holes. Accepts 150 watt PAR 38 max. Lamp not supplied.

- Finish: ● Bronze
● Black
○ White
● Verde Green



H2 Dual Flood Kit



Kit includes 2 H101 Bell floodlights pre-assembled on a CU4 universal mounting plate



HB101 Bullet

Bullet design with large glare shield for effective light control. Durable one piece die cast with rugged mounting arm, weatherproof gasket and drain holes. Accepts 150 watt PAR 38 max. Lamp not supplied.

- Finish: ● Bronze
● Black
○ White
● Verde Green



HB2 Dual Flood Kit



Kit includes 2 HB101 Bullet floodlights pre-assembled on a CU4 universal mounting plate



HH Hood

Hood with tempered glass lens reduces glare and protects lamp from water and impact damage. Die cast aluminum. Fits H101 and HB101. Can be combined with HG1 Guard.

- Finish: ● Bronze
● Black
○ White
● Verde Green



Hood includes glass



HB101 with HH1 Hood



H101 with HH1 Hood

HG Guard

Guard protects lamp from damage and vandalism. Die cast aluminum. Fits both H101 and HB101. Can be combined with HH1 Hood or used alone.

- Finish: ● Bronze
● Black
○ White
● Verde Green



No glass with guard



HB101 with HG1 Guard



H101 with HG1 Guard

HV Visor

Die cast aluminum visor with integral metal grill and tempered glass lens for maximum glare reduction and lamp protection.

- Finish: ● Bronze
● Black
○ White
● Verde Green



Visor includes glass & guard



HB101 with HV Visor



H101 with HV Visor

Catalog Numbers

	Bronze	Black	White	Verde Green
Floodlight only:	H101A	H101B	H101W	H101VG
Dual Floodlight Kit:	H2A	H2B	H2W	H2VG

	Bronze	Black	White	Verde Green
Floodlight only:	HB101A	HB101B	HB101W	HB101VG
Dual Floodlight Kit:	HB2A	HB2B	HB2W	HB2VG

	Bronze	Black	White	Verde Green
Hood:	HH1A	HH1B	HH1W	HH1VG

	Bronze	Black	White	Verde Green
Guard:	HG1A	HG1B	HG1W	HG1VG

	Bronze	Black	White	Verde Green
Visor:	HV1A	HV1B	HV1W	HV1VG

Specifications

UL Listing: Suitable for wet locations. Suitable for mounting within 4' of the ground. Can be aimed above horizontal with accessory hood or visor

Sockets: Porcelain with all copper current carrying components

Swivels: Fully adjustable with sure-grip locks. 1/2" NPS threaded arm with serrated locking swivel fits all standard mounting covers. Color matched EZ Grip lock nuts. Stainless steel screw.

Housings: Die cast aluminum with powder coat finish

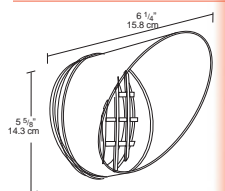
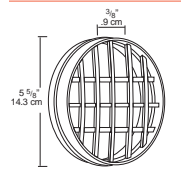
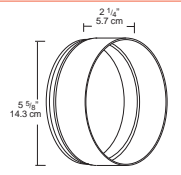
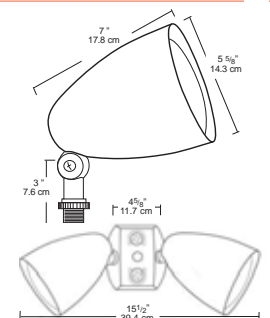
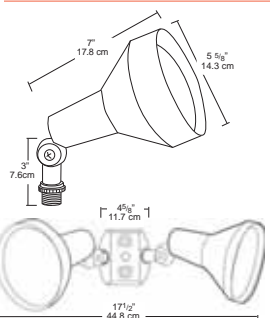
Lamps: Medium base PAR-38 lamps up to 150 watts. Halogen lamps give brighter light and choice of beam spreads.

Gaskets: High temperature silicone rubber extends around both socket and lamp.

Patents: The designs of RAB fixtures are protected under U.S. and international intellectual property laws.

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Dimensions

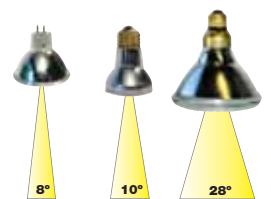
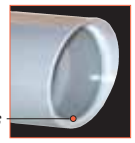


INCANDESCENT LF FLOODS

Compact Halogen Floodlights with quality features and great looks at low prices.



- Rugged die cast aluminum housing with polyester powder coat finish
- Deep Glare Shield
- Weatherproof lens and gasket
- Glare shield rotates to direct the light
- No - rust stainless steel external hardware
- Minimal lower shield lip sheds water and leaves
- "O" Ring seal for full weather protection
- Rugged mounting arm has 1/2" threads and pivots 180°
- EZ Grip locknuts are color matched to fixture and can be tightened with fingers, pliers or screwdriver



Lamps offer these beam spread choices and more.

Product Information

Watts	Lamp Type	Lamp Base	Voltage
50	MR16	Bipin GU5.3	12
60	PAR16	Medium	120
50*	PAR20	Medium	120

*Also accepts 75w PAR16

Low Voltage Sleek 16 Flood

Low voltage MR16 flood with die cast aluminum housing, integral glare shield and tempered lens. Sleek good looks with minimal size. Supplied with 36" SPT-1 cord for installation on low voltage systems. MR16 lamp, 50 watt max. Lamp not supplied.

- Finish:
- Bronze
 - Black
 - White
 - Verde Green



Sleek 16 Flood

PAR16 floodlight with die cast aluminum housing, integral glare shield and tempered lens. Sleek good looks with minimal size. Supplied with 6" leads and ground wire. Medium base PAR16 lamp, 60 watt max. Lamp not supplied.

- Finish:
- Bronze
 - Black
 - White
 - Verde Green



PAR20 Flood

Rugged die cast floodlight with heavy mounting arm, lens, glare shield and weatherproof silicone gasket. 75 watt max., accepts lamp types PAR16, PAR20 and R type. 120 volt. Lamp not supplied.

- Finish:
- Bronze
 - Black
 - White
 - Verde Green



RAB floodlights let you put the light where you want it. Their compact size and clean design blend with landscaping. You see the light, not the fixture.

Catalog Numbers

Bronze	Black	White	Verde Green
LFM16A	LFM16B	LFM16W	LFM16VG

Bronze	Black	White	Verde Green
LFP16A	LFP16B	LFP16W	LFP16VG

Bronze	Black	White	Verde Green
LF20A	LF20B	LF20W	LF20VG

Specifications

UL Listing:
Suitable for wet locations. Suitable for mounting within 4' of the ground.

Swivels:
1/2" NPS threaded arm with serrated locking swivel fits all standard mounting boxes. EZ Grip locknuts color matched to fixture.

Housings:
Precision die cast aluminum

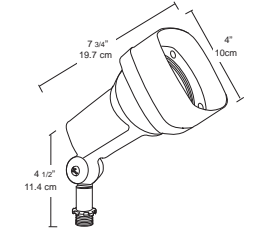
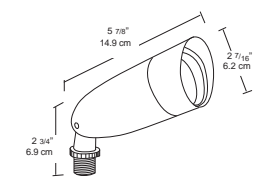
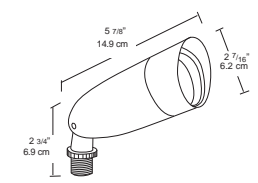
Sockets:
Medium base porcelain with all copper current carrying components and spring loaded center contact. LFM is bipin GU5.3 with 36" SPT-1 cord.

Patents:
The designs of RAB fixtures are protected under U.S. and international intellectual property laws.

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Dimensions



INCANDESCENT FLOODS

A wide selection of Incandescent Floods makes it easy to find the one for your job.



Molded, high temperature silicone gasket

EZ Grip locknut matches fixture finish and can be adjusted with fingers, pliers or a screwdriver

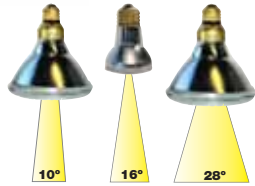
Sockets have all copper current carrying components

Mounting arms have 1/2" NPS threads

Fully adjustable swivel with EZ locknuts



RAB weatherproof floodlights are a favorite choice for lighting flags and monuments because of their low cost and classic good looks that last.



Lamps offer a variety of beam spread choices.

Product Information

Incandescent	Lamp Watts	Lamp Base
PAR-38	150	Medium
PAR20 (LFP38 only)	50	Medium

Lamps not supplied

LFP38

Premium PAR38 Flood with large, molded high temperature black silicone gasket that totally seals lamp. Replaces RAB catalog #B. Die cast aluminum housing. EZ Grip locknut. Suitable for mounting within 4' of the ground or higher. PAR38 or PAR20, 150 watt max. Lamp not supplied.

- Finish:
- Bronze
 - Black
 - White
 - Silver Gray
 - Verde Green



The LFP looks great with either PAR-38 or PAR-20 lamps.



R90

A best buy in economical die cast floods. Clean styling. Internal ring gasket. Polyester powder coating. PAR38 150 watt max. Lamp not supplied.

- Finish:
- Bronze
 - Black
 - White
 - Silver Gray



RAB's distinctive see-thru Weatherproof packaging has all the information you need and keeps parts organized



R90M

The economical R90 floodlight with a molded silicone external gasket to ensure superior weatherproof seal. Polyester powder coating. PAR38 150 watt max. Lamp not supplied.

- Finish:
- Bronze
 - Black
 - White
 - Silver Gray



Catalog Numbers

	Bronze	Black	White	Verde Green	Silver Gray
LFP38A	LFP38B	LFP38M	LFP38V	LFP38S	
LFP38A	LFP38B	LFP38M	LFP38V	LFP38S	

	Bronze	Black	White	Silver Gray
R90A	R90B	R90W	R90S	

	Bronze	Black	White	Silver Gray
R90MA	R90MB	R90MW	R90MS	

Specifications

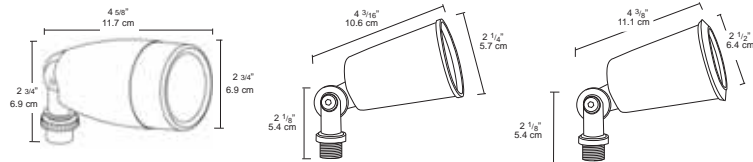
- UL Listing:**
Suitable for wet locations.
- Sockets:**
Porcelain with all copper current carrying components and spring loaded center contact.
- Lamps:**
R90 & R90M accept Medium base PAR38 lamps up to 150 watts. Halogen lamps give the brightest light and widest choice of beam spreads. Lamps not supplied.

- Swivels:**
Fully adjustable with sure-grip EZ locknuts. 1/2" NPS threaded arm with locking swivel fits all standard mounting covers.
- Housings:**
Precision die cast aluminum.
- Patents:**
The designs of RAB fixtures are protected under U.S. and international intellectual property laws.

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Dimensions



QUARTZ FLOODS



Specification Grade features and innovative design for extended lamp life, make the RAB Quartz Curve best in the industry.



- Silicone gasket remains in place during relamping
- 5mm thick, tempered glass lens
- High quality 130 volt (for extended life) Quartz Halogen lamp.
- Lamp packed with protective cushion for easy installation
- Stainless steel external hardware
- Precision die cast aluminum housing with durable polyester powder coat bronze or white finish
- EZ Grip locknut matches fixture finish and can be adjusted with fingers, pliers or a screwdriver
- Stainless steel clip with vandalproof screw capability
- Integra Hood Glare Shield for Friendly Lighting® when properly aimed
- Fins for heat dissipation and extended lamp life

Features For Extended Lamp Life

Heat sinks for cooler operation to extend lamp and fixture life

Strain Relief at Wire-socket Attachment point

250°C Teflon coated socket wires

Gold plated socket contacts prevent lamp and socket fusion. Problem free relamping every time

Product Information

Double Ended Quartz Halogen	
Lamp Watts	Lamp Type
500	T3
300	T3
200	T3
150	T3

Lamp supplied with fixture

Lamp Watts	Lamp Type	Lamp Base	Initial Lumens	Lamp Hours
500	T3	Double Ended	11,000	2,000
300	T3	Double Ended	6,100	2,000
200	T3	Double Ended	3,600	2,000
150	T3	Double Ended	2,800	2,000

Accessory Wire Guard

Quartz CURVE® 500

Sleek design 500 watt quartz flood with rounded back and cast aluminum Integra Hood for superior heat dissipation. Vandalproof stainless steel locking clip. Gold plated socket contacts and 250°C Teflon coated wires for extended lamp life. Lamp supplied.

- Finish: ● Bronze
○ White



QF500F Guard

Heavy duty chrome plated steel wire guard prevents damage and vandalism. Easy field installation. Also fits FF flood.

- Finish: ● Chrome plated steel



Quartz CURVE® 300

300 watt Quartz flood with round back and cast aluminum Integra Hood. Hinged lens frame permits easy relamping. Stainless steel locking clip. Gold plated socket contacts and 250°C Teflon coated wires for extended lamp life. Lamp supplied.

- Finish: ● Bronze
○ White



QF300F Side view

Quartz CURVE® 200

The Mini Curve. High quality die cast flood with rounded back and integral glare shield. Tempered glass lens. Gold plated socket contacts and 250°C Teflon coated wires for extended lamp life. 200 watt double ended 130 volt Quartz halogen lamp supplied.

- Finish: ● Bronze
○ White



QF200F Side view

Quartz CURVE® 150

The Mini Curve. High quality die cast flood with rounded back and integral glare shield. Tempered glass lens. Gold plated socket contacts and 250°C Teflon coated wires for extended lamp life. 150 watt double ended 130 volt Quartz halogen lamp supplied.

- Finish: ● Bronze
○ White



QF150F Side view

Catalog Numbers

Bronze	White	Chrome
QF500F	QF500FW	
		GDOF

Bronze	White	Chrome
QF300F	QF300FW	
		GDOF

Bronze	White	Chrome
QF200F	QF200FW	
		GDOF2

Bronze	White
QF150F	QF150FW
	GDOF2

Specifications

UL Listing:
Suitable for wet locations. Suitable for mounting within 4' of the ground.

Housing:
Die cast aluminum, 1/2" NPS threaded arm with locking swivel fits all standard mounting covers.

Lens Gasket:
High temperature silicone gasket stays in place during relamping.

Reflector:
Semi-specular anodized aluminum

Socket:
Porcelain RSC base sockets with gold plated spring loaded contacts and strain relieved 250°C Teflon insulated wires.

Lens:
Tempered, thermal, shock resistant glass.

Finish:
Chip and fade resistant bronze or bright white polyester powder coating.

Replacement Parts:

Lamp Cat#	Lens Cat#
QF150F	LQ150
QF200F	LQ200
QF300F	LQ300
QF500F	LQ500

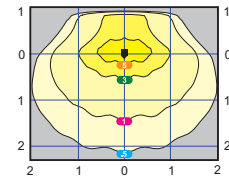
Patents:

The design of the Quartz Curve is protected by U.S. Patent D565,223, Canadian Patent D121992, China Patent ZL200730149209.5 and Taiwan Patent D124862.

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

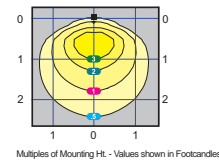
Photometrics

500w Quartz @ 15' Mounting Height Aimed 30° below horizon



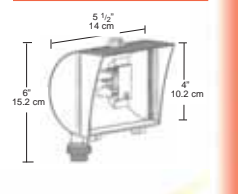
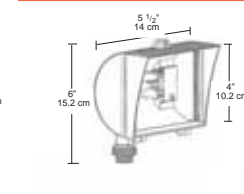
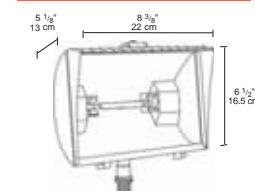
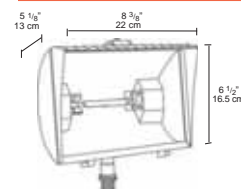
Mounting Height	Multiplier	Watts	Multiplier Incand.
8'	3.5	300	.6
10'	2.3	500	1.0
12'	1.6		
15'	1.0		
20'	.6		
25'	.4		

150w Quartz @ 10' Mounting Height Aimed 30° below horizon



Mounting Height	Multiplier	Watts	Multiplier Incand.
4'	6.3	200	1.3
6'	2.8		
8'	1.6		
10'	1.0		

Dimensions



QUARTZ

Swoop[®]
Floods

Great Shape. Great Moves.



Integra Hood Glare Shield minimizes glare

Precision die cast aluminum housing with durable powder coating

Thick, tempered glass lens with one piece molded silicone gasket

Highest quality 120V quartz lamp

Lamp packed with protective cushion for easy installation

Heat dissipating fins

Full color packaging has product features, specifications and comprehensive installation instructions.

Arm with locking teeth tightens securely with just finger pressure

Panning pivot allows side-to-side adjustment

EZ Grip locknut matches fixture finish and can be adjusted with fingers, pliers or a screwdriver



Unique panning pivot keeps lamp level for extended life

Swoop[®] 150

150 watt quartz Swoop Flood with silicone gasket, thick tempered glass lens and external cooling fins. 250°C Teflon coated wires for extended lamp life. Lamp supplied.

Finish: ● Bronze
○ White



Swoop[®] 300

300 watt quartz Swoop Flood with silicone gasket, thick tempered glass lens and external cooling fins. 250°C Teflon coated wires for extended lamp life. Lamp supplied.

Finish: ● Bronze
○ White



Catalog Numbers

Bronze	White	Bronze	White
Q1A	Q1W	Q3A	Q3W

Specifications

UL Listing:
Suitable for wet locations.

Housing:
Precision die cast aluminum. 1/2" NPS threaded arm with three locking incandescent swivels. Fits all standard mounting covers.

Lens Gasket:
High temperature silicone gasket stays in place during relamping.

Reflector:
Semi-specular anodized aluminum

Socket:
Porcelain RSC base sockets with spring loaded center contacts.

Lens:
Tempered shock resistant glass

Finish:
Chip and fade resistant durable powder coat finish.

Replacement Lamps:



Fixture	Lamp Cat #
Q1	LQ150
Q3	LQ300

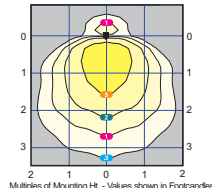
Patents:
The designs of RAB fixtures are protected under U.S. and international intellectual property laws.

Info Online 24/7

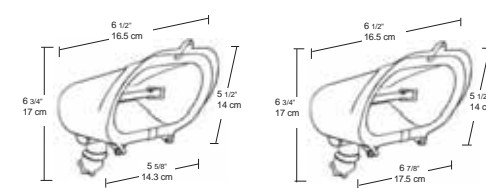
www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Photometrics

300w Fixture @ 10' Mounting Height
Aimed 60° below horizontal



Dimensions



QUARTZ FLOODS

High quality features make RAB Quartz Floods the best in the industry.



High quality 130 volt (for extended life) Quartz Halogen lamp supplied

Lamp packed with protective cushion for easy installation

Die cast hinged lens frame for easy relamping

Thick, tempered glass lens

Precision die cast aluminum housing with durable bronze or white polyester powder coat finish

Silicone gasket remains in place during relamping

Stainless steel lens clips

EZ Grip locknut matches fixture finish and can be adjusted with fingers, pliers or a screwdriver



RAB QF's are economical fixtures with brilliant light output. Excellent for residential, commercial and industrial use.

Product Information

Double Ended Quartz Halogen
Lamp supplied with QF300 & 500
Lamp not supplied with QF1500

Lamp Watts	Lamp Type	Lamp Base
300	T3	Double Ended
500	T3	Double Ended
1500	T3	Double Ended

Initial Lumens	Lamp Hours
6,000	2,000
9,500	2,000
33,000	2,000

QF300

300 watt economical quartz flood with quality features: silicone lens gasket; heat resistant 5 mm thick tempered lens; captive stainless steel locking lens clips and heavy duty casting. Lamp supplied.

Finish: ● Bronze
○ White



QF500

500 watt economical quartz flood with quality features: silicone lens gasket; heat resistant 5mm thick tempered lens; captive stainless steel locking lens clips and heavy duty casting. Lamp supplied.

Finish: ● Bronze
○ White



QF1500

1500 watt quartz floodlight. Heavy duty die cast aluminum hinged lens frame permits easy relamping. Stainless steel locking clips. Accepts 1000 or 1500 watt, 208v, 240v, or 277v lamp. Lamp NOT supplied.

Finish: ● Bronze



Catalog Numbers

Bronze	White
QF300	QF300W

Bronze	White
QF500	QF500W

Bronze
QF1500

Specifications

UL Listing:
Suitable for wet locations

Housing:
Die cast aluminum, 1/2" NPS threaded arm with locking swivel fits all standard mounting boxes.

Lens Gasket:
High temperature silicone gasket stays in place during relamping.

Sockets:
Porcelain RSC base sockets with spring loaded center contacts.

Lens:
Tempered, shock resistant glass

Finish:
Chip and fade resistant bronze or bright white polyester powder coating.

Reflector:
Semi-specular anodized aluminum

Replacement Lamps:



Fixture	Lamp Cat #
QF300	LQ300
QF500	LQ500
QF1500	n/a

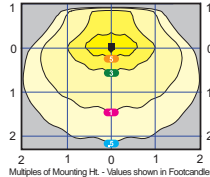
Info Online 24/7

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions



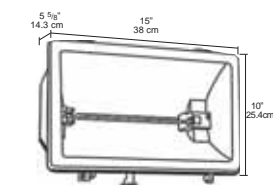
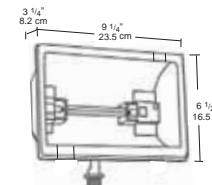
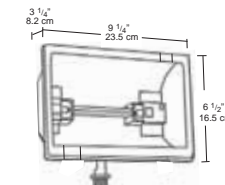
Photometrics

500w Quartz @ 15' Mounting Height
Aimed 30° below horizontal



Mounting Height	Multiplier	Watts	Multiplier Incand.
8'	3.5	300	.6
10'	2.3	500	1.0
15'	1.0	1500	3.1
20'	.6		
25'	.4		

Dimensions



QUARTZ WORKLIGHT PORTABLES

Quality features and innovative design make RAB Worklights the contractor's choice.



Precision die cast aluminum housing with durable powder coating

Heavy duty clamp and hook

Cushioned, insulated handle

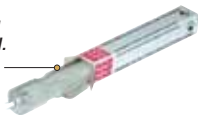
Thick, tempered glass lens

Silicone gasket for durable weatherproofing and easy relamping

Extra deep wire guard for safety

5' power cord with grounded plug

High quality 130 volt (for extended life) Quartz Halogen lamp supplied. Packed with protective cushion for easy installation



Get light on the job. You'll work safer and faster. Designed for electrical pros.

Product Information

Double Ended Quartz Halogen
Lamp supplied with fixture

Lamp Watts	Lamp Base	Initial Lumens	Lamp Hours
150	Double Ended RSC	2,800	2,000
500	Double Ended RSC	10,500	2,000

Specifications

UL Listing:

Suitable for wet locations

Housing:

Precision die cast aluminum

Lens Gasket:

High temperature tubular silicone in retaining groove remains in place during relamping.

Reflector:

Pebbled, anodized aluminum

Socket:

Porcelain with spring loaded contacts

Lens:

Tempered, shock resistant glass

Power cord:

Heavy duty rubber clad with grounded plug

Finish:

Chip & fade resistant epoxy powder coating

Replacement Parts:

Fixture	Lamp Cat #
QF150CL	LQ150
QF150P	LQ150
QF500P	LQ500



Info Online 24/7



www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

QF150CL

Light weight 150 watt worklight with heavy duty clamp and hook for quick and easy positioning. Weatherproof on/off switch, tempered glass and extra deep guard. 5' power cord with grounded plug. 150 watt, 130 volt lamp supplied.

Clamp: ● Black
Fixture: ● Safety Yellow



New!

QF150P

Light weight 150 watt worklight with cushioned insulated handle for safe carrying and integra hood to reduce glare. Weatherproof on/off switch, tempered glass and extra deep guard. 5' power cord with grounded plug. 150 watt, 130 volt lamp supplied.

Stand: ● Safety Yellow
Fixture: ● Bronze



QF500P

Light weight 500 watt worklight with cushion insulated handle for safe carrying, a weatherproof on/off switch, tempered glass and extra depth guard. 5' power cord with grounded plug. 500 watt, 130 volt lamp supplied.

Stand: ● Safety Yellow
Fixture: ● Black



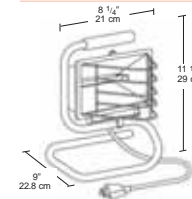
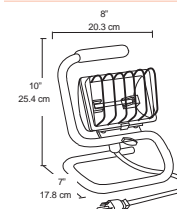
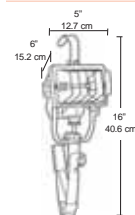
Catalog Numbers

Yellow fixture with black clamp
QF150CL

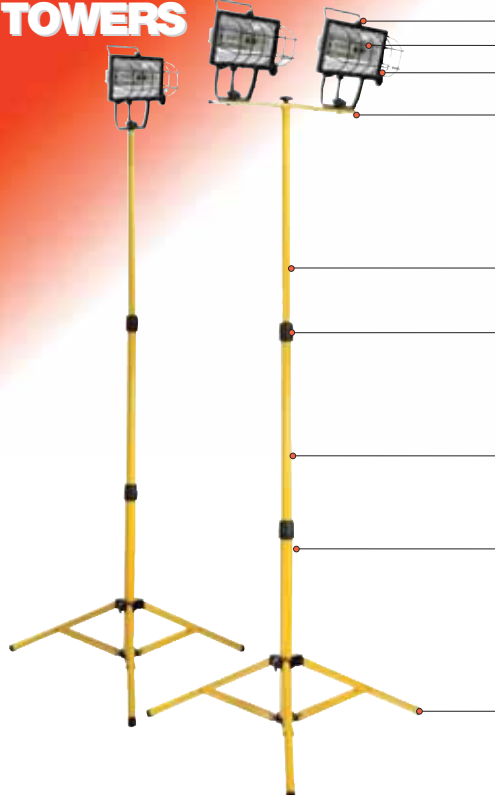
Black fixture with yellow stand
QF150P

Black fixture with yellow stand
QF500P

Dimensions



QUARTZ WORKLIGHT TOWERS



Quartz Tower Worklights for Electrical Pros with portable stand, deluxe features and 12' power cord.

- Insulated tilt and carrying handles
- Tempered glass lenses
- Silicone gaskets for durable weatherproofing and easy relamping
- Easy sideways and up/down tilt adjustment
- High quality on/off switch
- 12' power cord with grounded plug
- 6' telescoping tripod stand
- Oversize tube locks ensure safe adjustment
- Extra depth wire guard improves safety and prevents shadows
- Stand has bright yellow finish for safety
- Tower folds and collapses for easy carrying and compact storage
- High quality 130 volt (for extended life) Quartz Halogen lamp supplied
- Lamp packed with protective cushion for easy installation
- Double reinforced tripod legs for long reliable service



Product Information

Double Ended Quartz Halogen
Lamp supplied with fixture

Lamp Watts	Lamp Type	Lamp Base	Initial Lumens	Lamp Hours
500	T3	Double Ended RSC	10,500	2,000

Specifications

- UL Listing:**
Suitable for wet locations
- Housing:**
Precision die cast aluminum
- Lens Gasket:**
High temperature tubular silicone set in retaining groove to remain in place during relamping.
- Reflector:**
Pebbled anodized aluminum
- Socket:**
Porcelain with spring loaded contacts
- Lens:**
Tempered, shock resistant glass
- Power cord:**
Heavy duty rubber clad with grounded plug.
- Finish:**
Chip and fade resistant epoxy powder coating
- Replacement Parts:**



Fixture	Lamp Cat #
QF500T	LQ500
QF2X500T	LQ500

Info Online 24/7

- www.rabweb.com
- Wiring Diagrams
- Installation Instructions
- Product Specifications

QF500T Single Tower

Telescoping double reinforced tripod stand with a powerful 500 watt work light. High quality on/off switch, tempered glass, extra depth wire guard and 12' power cord with grounded plug. 500 watt lamp supplied (130 volt for extended life).

Finish: Stand: ● Safety Yellow
Fixture: ● Black



QF2X500T Double Tower

Telescoping double reinforced tripod stand with twin powerful 500 watt work lights. High quality on/off switch, tempered glass, extra depth wire guard and 12' power cord with grounded plug. Two 500 watt lamps supplied (130 volt for extended life).

Finish: Stand: ● Safety Yellow
Fixture: ● Black



Catalog Numbers

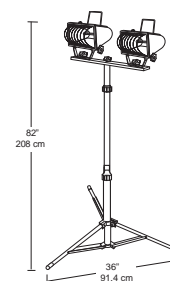
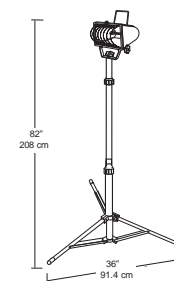
Single Black fixture / yellow stand

QF500T

Twin Black fixtures / yellow stand

QF2X500T

Dimensions



Portable Quartz towers put light where you need it on residential, commercial and industrial jobs.

ALED™

LED AREA LIGHT

RAB's LED Area Lighting features a cutoff fixture with 50,000 hours of dependable, low cost energy efficient lighting. Perfect for parking lots, parks and more.

**ALED10 is equivalent to 70 watt HPS
ALED13 and ALED20 are equivalent to a 150 watt Metal Halide**

Weatherproof high temperature silicone gaskets
Die cast aluminum lens frame with tempered glass and double gasketing
LED Light Engine maintains 70% of rated lumens at 50,000 hours

13 & 20w models handle up to 277 Volts

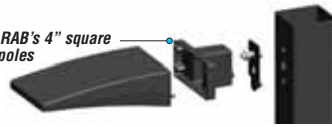
Buy with confidence



Fully Shielded, Full Cutoff Optics



Mounts easily to RAB's 4" square pre-drilled steel poles



Product Information

Lamp Watts	Input Watts	Voltage
10	13.3	100-240
10	13.3	100-240
13	15	100-240, 277
13	15	100-240, 277
20	22	100-240, 277
20	22	100-240, 277

Accessories

Polycarbonate Shield

Specifications

UL Listing:
Suitable for wet locations. Suitable for mounting within 4' of the ground.

LED Light Engine:
Multi-chip 10W, 13W or 2x10W high output long life LED

10W Driver: Constant Current, Class 2, 120V-240V, 50/60 Hz, 350mA, 2 -1 Amps 1kv Surge Protection

13W Driver: Constant Current, Class 2 100V-277V, 50/60 Hz, 4kv Surge Protection 100-240VAC: 3-15 Amps 277VAC: 15 Amps, 720mA

20W Driver: Constant Current, Class 2, 100V-277V, 47/63 Hz, 6kv Surge Protection 100-240VAC: 5 Amps 277VAC: 125 Amps, 1000mA

Heatsink:
Cast aluminum thermal management system for optimal heat sinking. The ALED is designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

Lumen Maintenance:
The LED will deliver 70% of its initial lumens at 50,000 hours of operation.

Construction:
Precision die cast aluminum housing and lens frame

Gaskets:
High temperature silicone

Finish:
Bronze chip and fade resistant polyester powder coat finish.

California Title 24:
ALED complies with California Title 24 building and electrical codes

Maximum EPA:
Fixed Arm =0.10

Green Technology:
RAB ALEDs are Mercury and UV free.

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires are tested by independent laboratories in accordance with IESNA LM-79 and have received the Department of Energy "Lighting Facts" label. LM-80 lumen depreciation test results are available upon request.

Patents:
The design of the ALED is protected by U.S. patent D608,040, D615,689 and patents pending in Canada, China, Taiwan and Mexico.

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions



New! ALED10 Area Light

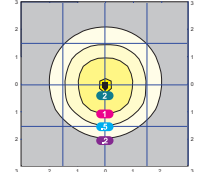
ALED Area Light mounts to 4" square steel poles at 10-15'. Equivalent to 70W HPS. 1 to 4 ALEDs can be mounted to each pole. See page 84 for pole information. IESNA Full Cutoff, Fully Shielded optics. 5 year warranty.

Finish: ● Bronze



Photometrics

10w LED @ 10' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier
6	2.8
8	1.6
10	1.0
12	0.7

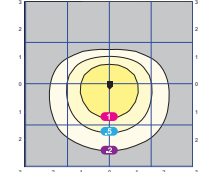
New! ALED13 Area Light

ALED Area Light mounts to 4" square steel poles at 15-20'. Equivalent to 150W MH. 1 to 4 ALEDs can be mounted to each pole. See page 84 for pole information. IESNA Full Cutoff, Fully Shielded optics. 5 year warranty.

Finish: ● Bronze



13w LED @ 15' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier
10	2.3
12	1.6
15	1.0
18	0.7
20	0.6

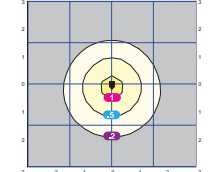
New! ALED20 Area Light

ALED Area Light mounts to 4" square steel poles at 15-20'. Equivalent to 150W MH. 1 to 4 ALEDs can be mounted to each pole. See page 84 for pole information. IESNA Full Cutoff, Fully Shielded optics. 5 year warranty.

Finish: ● Bronze



20w LED @ 20' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier
10	4.0
12	2.8
15	1.8
18	1.2
20	1.0
25	0.6

Catalog Numbers

Order Pole separately:
See pages 84-85

Bronze

ALED10
ALED10Y

GDWPLP

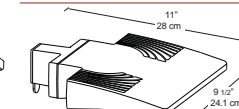
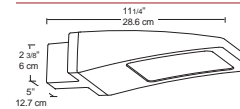
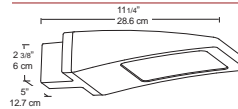
Bronze

ALED13
ALED13Y

GDWPLP

ALED20
ALED20Y
GDWPL20P

Dimensions



New! High Wattage Arrangements

2 ALED10's = 20 Watts
2 ALED13's = 26 Watts
2 ALED20's = 40 Watts



3 ALED10's = 30 Watts
3 ALED13's = 39 Watts
3 ALED20's = 60 Watts



4 ALED10's = 40 Watts
4 ALED13's = 52 Watts
4 ALED20's = 80 Watts



AREA LIGHTING

AJ™



RAB's Small Scale Area Light "AL Junior" offers the same quality and value as its "Daddy" ALX. Available in pole, wall and flat wall mount models.

For use at 10' - 15' mounting height

Sleek design for low EPA

Heavy duty die cast aluminum housing and door

Rotatable Optics

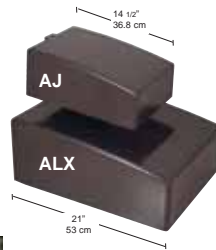
4kv pulse rated socket

Lamp supplied

Hydroformed Reflector



Silicone gasket seals optical compartment



PULSE★START
High Efficiency Metal Halide

Product Information

	Watts	Lamp Type	Lamp Base	Ballast	Starting Amps / Operating Amps				Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours
					120V	208V	240V	277V				
High Pressure Sodium Lamp supplied with fixture QT = Quad Tap = 120 / 208 / 240 / 277 volts	35	ED17	Med	R-NPF 120V	1.4 / .9				46	S76	2,300	24,000
	50	ED17	Med	R-NPF 120V	1.8 / 1.2				62	S68	4,000	24,000
	70	ED17	Med	HX-HPF QT	.8 / .9	.5 / .5	4 / .4	.4 / .4	91	S62	6,400	24,000
	100	ED17	Med	HX-HPF QT	1.3 / 1.2	.8 / .7	7 / .6	.6 / .5	115	S54	9,500	24,000
	150	ED17	Med	HX-HPF QT	1.6 / 1.6	.9 / .9	.8 / .8	.9 / .8	188	S55	16,000	24,000
Metal Halide Lamp supplied with fixture PS★ = Pulse Start PSQ★ & QT = Quad Tap = 120 / 208 / 240 / 277 volts	50	ED17	Med	HX-HPF QT	.6 / .6	4 / .4	3 / .3	.3 / .3	69	M110	3,400	10,000
	70	ED17	Med	HX-HPF QT	.7 / .8	.3 / .5	4 / .4	.3 / .4	91	M98	5,600	15,000
	100	ED17	Med	HF-HPF QT	1.2 / 1.2	.8 / .7	.7 / .6	.6 / .5	129	M90	9,000	15,000
	125	ED17/HBU	Med	CWA-HPF QT	.9 / 1.3	.5 / .8	5 / .7	.4 / .6	150	M150	12,000	15,000
	150	ED17	Med	CWA-HPF QT	1.8 / 1.6	1.3 / 1	.9 / .8	.8 / .7	185	M102	14,000	15,000
Compact Fluorescent Lamp supplied with fixture	26	Triple	GX24q-4	Electronic 26W	.25	.17	.13	.11	29		1,800	12,000
	32	Triple	GX24q-4	Electronic 32W	.3	.21	.16	.13	36		2,400	12,000
	42	Triple	GX24q-4	Electronic 42W	.4	.25	.2	.17	46		3,200	12,000
	52	Triple	GX24q-4	Electronic 52W	.5	.4	.23	.21	54		3,600	12,000
	64	Triple	GX24q-4	Electronic 64W	.6	.4	.3	.3	72		4,800	12,000
84	Triple	GX24q-4	Electronic 84W	.8	.6	.5	.4	92		6,400	12,000	

Factory Installed Options
Add suffix to catalog number

- Button Photocell
- Swivel Photocell
- Twistlock Photocell

Single fusing for 120 and 277 volt
Double fusing for 208 and 240 volt

Accessories

- House Shield
- Wire Guard

Specifications

UL Listing:
Suitable for wet locations. Not suitable for mounting within 4ft of the ground.

Construction:
Die cast aluminum housing and door. Tether connects door to housing for safety.

Reflector:
High quality hydroformed semi-specular aluminum.

Finish:
Weather resistant polyester powder coat. Architectural Bronze or White finish with stainless steel hardware.

Socket:
HID: Porcelain 4KV Pulse rated Medium base. Corrosion resistant screw shell with spring loaded center contact.
CFL: Plug in type, GX24q-4 base

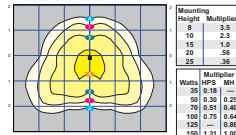
Effective Projected Area:
Maximum EPA = 0.8 with House Side Shield: 1.5

Patents:
The design of the AJ Area Light is protected by U.S. Patents D579,140, D579,141, D581,445, Canada patents D127,031, D127,040, D127,045, China patents ZL200830143714.3, ZL200830143713.9, ZL200830143712.4, Mexico patents 27395, 28572, 28577 and Taiwan patents D129,808 and D131,622.

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Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Photometrics

150w PSMH @ 15' Mounting Height
Aimed 30° below horizontal



Multiplies of Mounting Ht. - Values shown in Footcandles

New! AJ™ Pole Mount

Type II distribution Area Light with pole top fixed arm mount for use on 10'-15' poles. Fixed mounting @ 90° to pole. Drilling 2" on center. Factory wired for 277V. Lamp supplied.

Finish: ● Bronze
○ White



New! AJ™ Wall Mount

Type II distribution wall mount Area Light with 4" arm for use at 10'-15' height. Fixed mounting @ 90° to wall. Lamp supplied.

Finish: ● Bronze
○ White



New! AJ™ Flat Wall Mount

Type II distribution flat wall mount Area Light with 4" arm for use at 10'-15' height. Fixed mounting @ 90° to wall. Lamp supplied.

Finish: ● Bronze
○ White



New! AJ™ Shield & Guard

Heavy duty shield prevents light trespass behind the fixture. Heavy duty chrome plated steel wire guard prevents damage and vandalism. Easy field installation.

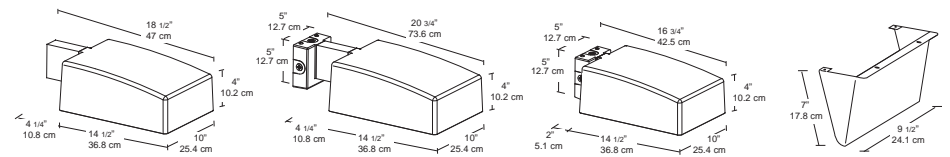
Finish: ● Bronze
○ White



Catalog Numbers

Bronze		White		Bronze		White		Bronze		White	
AJSN35	AJSN35W	AJSN35X	AJSN35XW	AJSN35FX	AJSN35FXW	AJSN50X	AJSN50XW	AJSN50FX	AJSN50FXW	AJSN70FXQT	AJSN70FXQTW
AJSN50	AJSN50W	AJSN50X	AJSN50XW	AJSN50FX	AJSN50FXW	AJSN70XQT	AJSN70XQTW	AJSN70FXQT	AJSN70FXQTW	AJSN100FXQT	AJSN100FXQTW
AJSH70QT	AJSH70QTW	AJSH100QT	AJSH100QTW	AJSH100FXQT	AJSH100FXQTW	AJSN100XQT	AJSN100XQTW	AJSN100FXQT	AJSN100FXQTW	AJSN150FXQT	AJSN150FXQTW
AJSH100QT	AJSH100QTW	AJSH150QT	AJSH150QTW	AJSN150FXQT	AJSN150FXQTW	AJH50QT	AJH50QTW	AJH50FXQT	AJH50FXQTW	AJH70XQT	AJH70XQTW
AJH50QT	AJH50QTW	AJH70QT	AJH70QTW	AJH100XQT	AJH100XQTW	AJH100QT	AJH100QTW	AJH100FXQT	AJH100FXQTW	AJH125XPSQ	AJH125XPSQW
AJH125PSQ	AJH125PSQW	AJH150PSQ	AJH150PSQW	AJH125FXPSQ	AJH125FXPSQW	AJH150PSQ	AJH150PSQW	AJH150FXPSQ	AJH150FXPSQW	AJH150XQT	AJH150XQTW
AJH150PSQ	AJH150PSQW	AJH150v	AJH150QTW	AJH150FXQT	AJH150FXQTW	AJF26QT	AJF26QTW	AJF26FXQT	AJF26FXQTW	AJF32QT	AJF32QTW
AJF26QT	AJF26QTW	AJF32QT	AJF32QTW	AJF42XQT	AJF42XQTW	AJF42QT	AJF42QTW	AJF42FXQT	AJF42FXQTW	AJF52QT	AJF52QTW
AJF52QT	AJF52QTW	AJF64QT	AJF64QTW	AJF52XQT	AJF52XQTW	AJF64QT	AJF64QTW	AJF52FXQT	AJF52FXQTW	AJF84QT	AJF84QTW
AJF64QT	AJF64QTW	AJF84QT	AJF84QTW	AJF64XQT	AJF64XQTW	AJF84QT	AJF84QTW	AJF64FXQT	AJF64FXQTW	AJF84XQT	AJF84XQTW
AJF84QT	AJF84QTW	/PC	/PC	AJF84XQT	AJF84XQTW	/PCS	/PCS	AJF84FXQT	AJF84FXQTW	/PCT	/PCT
/PC	/PC	/PCS	/PCS	/PCT	/PCT	/PC	/PC	/PCS	/PCS	/PCT	/PCT
/PCS	/PCS	/PCT	/PCT	/PC	/PC	/PCS	/PCS	/PCT	/PCT	/PC	/PC
/PCT	/PCT	/PC	/PC	/PCS	/PCS	/PCT	/PCT	/PC	/PC	/PCS	/PCS
/FF	/FF	/FF	/FF	/PC	/PC	/FF	/FF	/PCT	/PCT	/PC	/PC
/FF	/FF	/PC	/PC	/PCT	/PCT	/FF	/FF	/PC	/PC	/PCS	/PCS
AJHS7	AJHS7W	AJHS7	AJHS7W	AJHS7	AJHS7W	AJHS7	AJHS7W	AJHS7	AJHS7W	AJHS7	AJHS7W
GDAJW	GDAJW	GDAJW	GDAJW	GDAJW	GDAJW	GDAJW	GDAJW	GDAJW	GDAJW	GDAJW	GDAJW

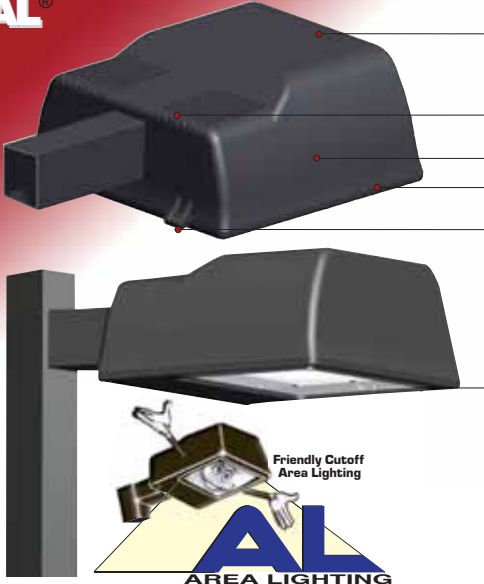
Dimensions



AREA LIGHTING

AL®

New! RAB's Standard Area Light. "AL" offers quality and value for reliable area lighting. Available in pole top, slipfitter and wall mount models.



Precision die cast aluminum housing and door with durable bronze polyester powder coat finish

Sleek smaller volume design lowers EPA

Fins to dissipate heat outside the ballast compartment

Custom hydroformed reflector

Die cast door frame held captive when opened

Hinged door with removable stainless steel hinge pins

Stainless steel external hardware

Fixed Arm for pole mounting or Slipfitter mount

Capacitor cradle

Silicone gasket for durable weatherproofing & easy relamping

Lamp supplied



E PULSE START
High Efficiency Metal Halide
Complies with EISA 2007

Product Information

	Lamp Watts	Lamp Type	Lamp Base	Ballast
High Pressure Sodium Lamp supplied with fixture	250 400	ED18	Mogul	CWA-HPF CWA-HPF
Metal Halide Lamp supplied with fixture	200 250 320 350 400	ED28	Mogul	CWA-HPF QT CWA-HPF QT CWA-HPF QT CWA-HPF QT CWA-HPF QT
<small> = Pulse Start PSQ & QT=Quad Tap=120/208/240/277 volts </small>				
Factory Installed Options Add suffix to catalog number	Button Photocontrol Swivel Photocontrol Single fusing for 120 and 277 volt. Double fusing for 208 and 240 volt. 480 volt ballast (consult factory)			
Accessories for Field Installation Add suffix to catalog number	Wire Guard Polycarbonate Shield Shield			

Starting Amps / Operating Amps	120V				Input Watts	Lamp ANSI	Lamp Initial Lumens	Lamp Life Hours
	208V	240V	277V					
1.8/2.5 3.7/3.8	1.0/1.5 2.2/2.2	9/13 1.1/1.9	0.8/1.1 1.6/1.7	295 464	S50 S51	29,000 50,000	24,000 24,000	
1.4/2.0 1.4/2.5	8/1.2 8/1.5	7/1.0 7/1.3	6/1.9 6/1.1	232 288	M136 M138	19,000 22,000	15,000 12,000	
2.6/3.2 3.3/3.6	1.5/1.8 1.9/2.1	1.3/1.6 1.7/1.8	1.2/1.4 1.4/1.6	368 450	M132 M131 M135	30,000 33,300 40,000	20,000 20,000 20,000	
Specify Photocell voltage								
/PC								
/PCS								
/F								
/FF								
/480								
GDMEGW								
GDMEGP								

Specifications

UL Listing:
Suitable for wet locations. Suitable for mounting within 4' of the ground.

Housing:
One-piece die cast aluminum with die cast door frame held captive when opened. Removable hinge pins for door removal.

Reflector:
Hydroformed reflector.

Finish:
Chip and fade resistant Bronze polyester powder coat finish.

Lens:
Tempered, thermal shock resistant glass, 5/32" thick

Lens Gasket:
High temperature extruded silicone set in die cast retaining groove. Remains in place during relamping.

Socket:
Porcelain socket pulse rated 4kw, 1500 watts and 600 volts, reinforced with cat's eyes for added durability. Silicone and fiberglass #14 gauge socket leads rated for 200°C. Plated screw shell designed to resist corrosion with spring loaded center contact.

Mounting Arm:
Mounts with two 3/8"-10 threaded rods @ 2" on center.

Effective Projected Area:
Maximum EPA
Fixed Arm: = 1
Slipfitter: = 2
With House Side Shield: = 3.2

Info Online 24/7

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Patents:
The design of the AL Area Light is protected by U.S. Patents D579140, D579141, D587839, Canadian Patents D127031, D127040, Taiwan Patent D129808, Mexico Patent Z7395,28396 and patents pending in China, Mexico and Taiwan.

Weight:

Fixture	lbs	Fixture	lbs
HPS250	33	MH200	31
HPS400	36	MH250	34
		MH320	34
		MH350	34
		MH400	34

Photometrics

See pages 170-177 for photometrics

Replacement Lamps

LHPS250
LHPS400
LMH200PS
LMH250
LMH250PS
LMH320PS
LMH350PS
LMH400
LMH400PS

Replacement Ballasts

BHPSH250QT
BHPSH400QT
BMHH200PSQ
BMHH250QT
BMHH250PSQ
BMHH320PSQ
BMHH350PSQ
BMHH400QT
BMHH400PSQ

New! AL® Pole Mount

Type II distribution Area light with pole top fixed arm mount. Fixed mounting @ 90° to pole. Drilling 2" on center. Factory wired for 277V. Lamp supplied.

Finish: ● Bronze



New! AL® SlipFitter

Type II distribution Area light with slipfitter mount. Mounting can be angled up to widen distribution and locks securely in place. Factory wired for 277V. Lamp supplied.

Finish: ● Bronze



New! AL® Wall Mount

Type II distribution Area light with wall mount. Fixed mounting @ 90° to wall. Drilling 2" on center. Factory wired for 277V. Lamp supplied.

Finish: ● Bronze
○ White



House Side Shield

Heavy duty shield prevents light trespass behind the fixture. Easy field installation.

Finish: ● Bronze



BT44 - Tenon Adapter

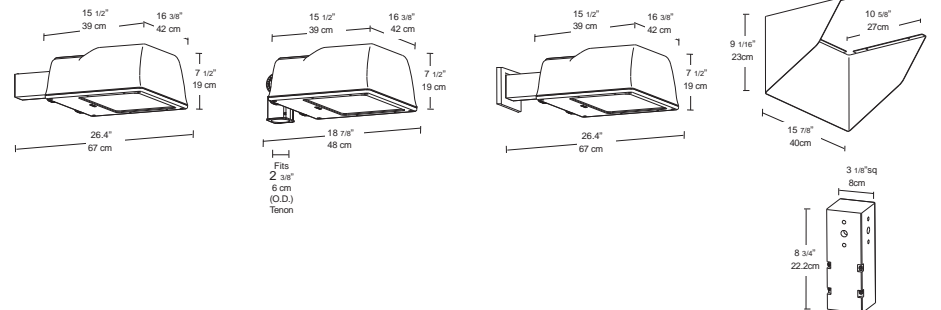
Universal for 4 fixtures w/plugs

MEGH9

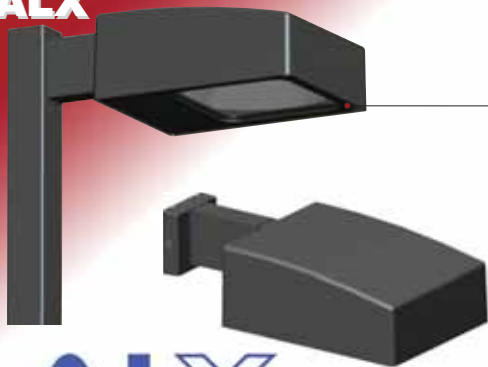
Catalog Numbers

Bronze	Bronze	Bronze	White
ALS250QT	ALS250SFQT	ALS250XQT	ALS250XQTW
ALS400QT	ALS400SFQT	ALS400XQT	ALS400XQTW
ALH200PSQ	ALH200SFPSQ	ALH200XPSQ	ALH200XPSQW
ALH250PSQ	ALH250SFPSQ	ALH250XPSQ	ALH250XPSQW
ALH320PSQ	ALH320SFPSQ	ALH320XPSQ	ALH320XPSQW
ALH350PSQ	ALH350SFPSQ	ALH350XPSQ	ALH350XPSQW
ALH400PSQ	ALH400SFPSQ	ALH400XPSQ	ALH400XPSQW
/PC	/PC	/PC	/PC
/PCS	/PCS	/PCS	/PCS
/F	/F	/F	/F
/FF	/FF	/FF	/FF
/480	/480	/480	/480
GDMEGW	GDMEGW	GDMEGW	GDMEGW
GDMEGP	GDMEGP	GDMEGP	GDMEGP

Dimensions



AREA LIGHTING ALX™



New! RAB's high performance Area Light. "ALX" offers extra features, quality and value for reliable area lighting. Available in Wall Mount and Flat Wall Mount and Drilled Pole Mounting models.

Field rotatable optics

Custom hydroformed reflector

Tooleless Entry

Precision die cast aluminum housing and door with durable bronze polyester powder coat finish

Sleek smaller volume design lowers EPA

Sealed optical chamber

Stainless steel external hardware

Fixed Arm for pole mounting

Silicone lamp retainer keeps lamp in socket

Lamp supplied

Tooleless removable ballast tray with quick disconnects



Product Information

High Pressure Sodium
Lamp supplied with fixture

Watts	Lamp Type	Lamp Base	Ballast
250	ED18	Mogul	CWA-HPFQT
400	ED18	Mogul	CWA-HPFQT
200	T15	Mogul	CWA-HPF QT
250	ED28	Mogul	CWA-HPF QT
320	ED28	Mogul	CWA-HPF QT
350	ED28	Mogul	CWA-HPF QT
400	ED28	Mogul	CWA-HPF QT

Metal Halide
Lamp supplied with fixture

PSQ & QT=Quad Tap=120/208/240/277 volts

Factory Installed Options
Add suffix to catalog number

Button Photocontrol	/PC
Swivel Photocontrol	/PCS
Twistlock Photocell	/PCT
Single fusing for 120 and 277 volt.	/F
Double fusing for 208 and 240 volt.	/FF
480 volt ballast (consult factory)	/480
Wire Guard	GDALXW
House Side Shield	ALXHS9

Accessories for Field Installation

Specifications

UL Listing:
Suitable for wet locations. Not suitable for mounting within 4' of the ground.

Housing:
One-piece die cast aluminum with die cast door frame

Reflector:
Hydroformed reflector.

Finish:
Chip and fade resistant Bronze polyester powder coat finish.

Lens:
Thermal, tempered shock resistant glass, 5/32" thick

Lens Gasket:
EPDM gasket seals optical chamber preventing dirt and rust

Socket:
Porcelain socket pulse rated 4kv, 1500 watts and 600 volts, reinforced with cat's eyes for added durability. Silicone and fiberglass #14 gauge socket leads rated for 200°C. Plated screw shell designed to resist corrosion with spring loaded center contact.

Mounting Arm:
Mounts with two 3/8 threaded rods @2" on center.



Effective Projected Area:
Maximum EPA
Fixed Arm = 1.8
w/ House side shield = 3.0

Info Online 24/7

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Patents:
The design of the ALX Area Light is protected by U.S. patent D591,445, Canada Patent D127,045, Mexico Patent 28577 and patents pending in the U.S., China and Taiwan.

Weight:

Fixture	lbs	Fixture	lbs
HPS250	39	MH200	40
HPS400	43	MH250	40
		MH320	39
		MH350	38
		MH400	39

Photometrics

See pages 170-177 for photometrics

Replacement Lamps



LHPS250
LHPS400
LMH200PS
LMH250PS
LMH320PS
LMH350PS
LMH400PS

Replacement Ballasts



BHPS250T
BHPS400T
BMH200T
BMH250T
BMH320T
BMH350T
BMH400T

New! ALX™ Pole Mount

Performance Area light for drilled poles. Fixed mounting @90° to pole. Drilled 2" on center. Factory wired for 277V. Lamp supplied.

Finish: ● Bronze



New! ALX™ Wall Mount

Performance Area light with wall mount. Mounting arm is 10" long. Tether included for support during installation. Factory wired for 277V. Lamp supplied.

Finish: ● Bronze



New! ALX™ Flat Wall Mount

Performance Area light with flat wall mount. Mounting arm is 2" long. Tether included for support during installation. Factory wired for 277V. Lamp supplied.

Finish: ● Bronze



House Side Shield

Heavy duty shield prevents light trespass behind the fixture. Easy field installation.

Finish: ● Bronze



Catalog Numbers

Bronze

ALXS250QT
ALXS400QT
ALXH200PSQ
ALXH250PSQ
ALXH320PSQ
ALXH350PSQ
ALXH400PSQ
/PC
/PCS
/PCT
/F
/FF
/480
GDALXW

Bronze

ALXS250XQT
ALXS400XQT
ALXH200XPSQ
ALXH250XPSQ
ALXH320XPSQ
ALXH350XPSQ
ALXH400XPSQ
/PC
/PCS
/PCT
/F
/FF
/480
GDALXW

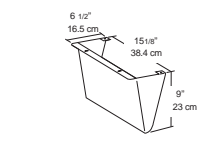
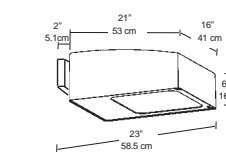
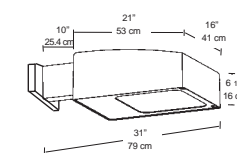
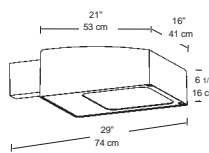
Bronze

ALXS250FXQT
ALXS400FXQT
ALXH200FXPSQ
ALXH250FXPSQ
ALXH320FXPSQ
ALXH350FXPSQ
ALXH400FXPSQ
/PC
/PCS
/PCT
/F
/FF
/480
GDALXW

Bronze

ALXHS9

Dimensions



POLES

New! Square Steel Poles for self-standing lighting applications.

- Reinforced steel construction
- Polyester powder coat finish
- Excellent color retention

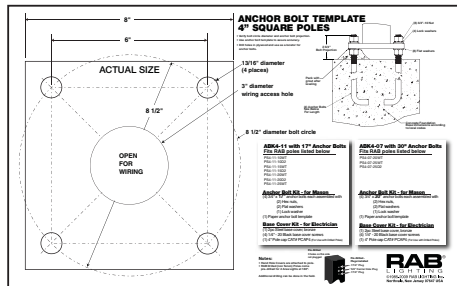
Reinforced Hand holes with grounding lug and removable cover for easy access to wiring

Four galvanized anchor bolts with galvanized hardware and anchor bolt template

Welded 2 3/8" Tenon or Drilled

Bullhorns & Brackets (see pages 86-87)

Anchor Bolt Templates Included



Heavy Duty Poles for RAB Area Lights & Floods



AL

ALX

Specifications

Powder Coating: Polyester powder coating is resistant to chipping and scratching. It is electrostatically applied and oven cured to powder manufacturer's specifications. Excellent color retention.

Hand Holes: Reinforced with steel cover. Powder coated hand hole covers. Finished interior to avoid hand scratches and cuts.

Anchor Bolts: Galvanized anchor bolts and hardware. Bolts can be pre-shipped upon request for additional freight charge. All bolts have a 3" hook. Templates are shipped with anchor bolts and are available online.

Shipping Protection: RAB Poles are wrapped in heavy corrugated cardboard. Bases and ends have additional protection to prevent damage during shipment.

Shaft: 46,000 p.s.i. minimum yield

Base Plates: Slotted base plates 36,000 p.s.i.

www.rabweb.com
Installation Instructions
Product Specifications
Pole Capacity Calculator
Anchor Bolt Templates

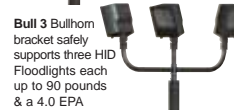
Tenon Poles

Stocked nationwide for quick shipment. 4", 5" & 6" square steel construction. Available in 11 and 7 gauge steel. 10', 15', 20', 25', 30' & 35' height. Bullhorns and brackets available for mounting. Anchor bolts included.

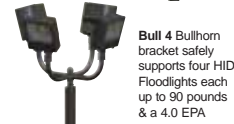
Finish: ● Bronze



Bull 2 Bullhorn bracket safely supports two HID Floodlights each up to 100 pounds & a 5.0 EPA



Bull 3 Bullhorn bracket safely supports three HID Floodlights each up to 90 pounds & a 4.0 EPA



Bull 4 Bullhorn bracket safely supports four HID Floodlights each up to 90 pounds & a 4.0 EPA

Drilled Poles

Stocked nationwide for quick shipment. 4" square steel construction. Available in 11 and 7 gauge steel. 10', 15', 20', & 25' height. Can hold at least 2 Area Lights up to 90mph wind speeds.

Finish: ● Bronze



Drilled Poles come pre-drilled for 2 Area Lights at 180°. Additional drilling can be done in the field. More drilling options shown at right.



Product Information

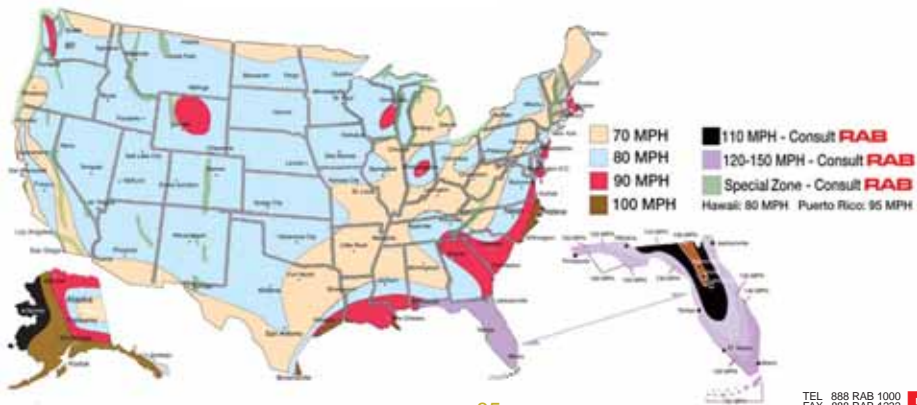
Catalog Number	Shaft Size (sq in)	Gauge	Pole Height (ft)	Wall Thickness	Hand Hole Dimensions	Anchor Bolt Dimensions	POLE CAPACITY		
							Max. EPAs (sf) / Max. Weights (lb)		
							70 MPH	80 MPH	100 MPH
Tenon Poles									
PS4-11-10WT	4	11	10	1/8"	3" x 5"	3/4" x 17"x3"	27.6 / 690	21.1 / 530	13.1 / 330
PS4-11-15WT	4	11	15	1/8"	3" x 5"	3/4" x 17"x3"	14.0 / 400	10.2 / 295	5.6 / 165
PS4-07-20WT	4	7	20	3/16"	3" x 5"	3/4" x 30"x3"	16.2 / 390	11.8 / 285	6.3 / 150
PS4-11-20WT	4	11	20	1/8"	3" x 5"	3/4" x 17"x3"	8.3 / 240	5.6 / 165	2.2 / 75
PS4-07-25WT	4	7	25	3/16"	3" x 5"	3/4" x 30"x3"	10.7 / 245	7.2 / 165	2.9 / 65
PS4-11-25WT	4	11	25	1/8"	3" x 5"	3/4" x 17"x3"	4.5 / 135	2.3 / 80	-
PS5-07-20WT	5	7	20	3/16"	3" x 5"	1" x 36"x3"	28.2 / 670	20.9 / 495	11.8 / 280
PS5-07-25WT	5	7	25	3/16"	3" x 5"	1" x 36"x3"	19.6 / 450	13.9 / 320	6.7 / 155
PS5-07-30WT	5	7	30	3/16"	3" x 5"	1" x 36"x3"	12.1 / 300	7.8 / 195	2.4 / 60
PS5-11-20WT	5	11	20	1/8"	3" x 5"	1" x 36"x3"	13.3 / 335	9.2 / 230	4.2 / 105
PS5-07-35WT	5	7	35	3/16"	3" x 5"	1" x 36"x3"	7.2 / 180	3.7 / 95	-
PS5-11-25WT	5	11	25	1/8"	3" x 5"	1" x 36"x3"	7.8 / 195	4.6 / 115	0.7 / 20
PS5-11-30WT	5	11	30	1/8"	3" x 5"	1" x 36"x3"	3.7 / 95	1.2 / 30	-
Drilled Poles									
PS4-11-10D2	4	11	10	1/8"	3" x 5"	3/4" x 17"x3"	27.6 / 690	21.1 / 530	13.1 / 330
PS4-11-15D2	4	11	15	1/8"	3" x 5"	3/4" x 17"x3"	14.0 / 400	10.2 / 295	5.6 / 165
PS4-11-20D2	4	11	20	1/8"	3" x 5"	3/4" x 17"x3"	8.3 / 240	5.6 / 165	2.2 / 75
PS4-11-25D2	4	11	25	1/8"	3" x 5"	3/4" x 17"x3"	4.5 / 135	2.3 / 80	0.8 / 35
PS4-07-25D2	4	7	25	3/16"	3" x 5"	3/4" x 30"x3"	10.7 / 245	7.2 / 165	2.9 / 65

Terms of Sale

No provisions have been made for banners, pendants, signs, flags, overhead wiring or other items that might be fastened to the pole. Local soil conditions determine the type of foundation required for each pole. If we know your application, we can provide you with the most economical pole.

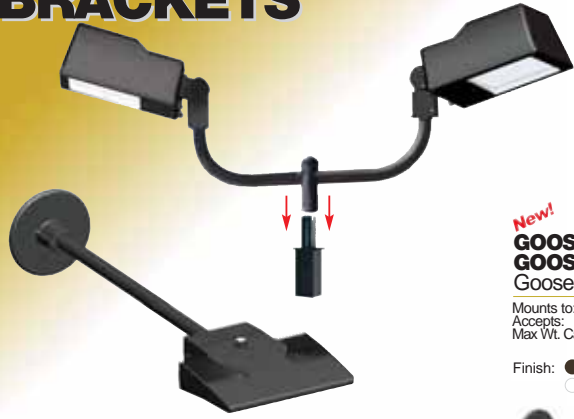
Wind Zone Map

Local codes may require design to higher wind loading.



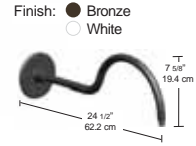
BULLHORNS & BRACKETS

Heavy duty Bullhorns and Brackets support a variety of floodlights for secure, pole mounted lighting.



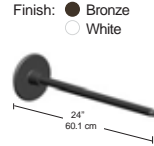
New!
GOOSE1A (Bronze)
GOOSE1W (White)
Gooseneck Bracket

Mounts to: Wall
Accepts: 1/2" NPS Thread
Max Wt. Capacity: 7 lbs.



New!
ARM24A (Bronze)
ARM24W (White)
Straight Arm Bracket

Mounts to: Wall
Accepts: 1/2" NPS Thread
Max Wt. Capacity: 7 lbs.



BAD4 BAD5 BAD6
Pole Adapter

Mounts to: Steel Pole
Accepts: Slipfitter
BAD4 Mounts to 4" Square Pole
BAD5 Mounts to 5" Square Pole
BAD6 Mounts to 6" Square Pole
Finish: ● Bronze



BCAT2
Cross Arm Bracket

Mounts to: BSF, BWALL9, BWC18 & BWT12
Accepts: 2 Trunnions
Spacing: 28"
Max. Wt. Capacity: 52 lbs/fixture
Max EPA: 5
Finish: ● Bronze



BTW12
Trunnion Wall Bracket

Mounts to: Wall
Accepts: Trunnion
Spacing: 12"
Max. Wt. Capacity: 105 lbs
Max EPA: 5
Finish: ● Galvanized Steel



BWS7
Slipfitter "S" Bracket

Mounts to: Wood Pole
Accepts: Slipfitter
Spacing: 7"
Max. Wt. Capacity: 105 lbs
Max EPA: 5
Finish: ● Galvanized Steel



Specifications

BULLHORNS:
1, 2, 3 or 4 tenons for slipfitters. Bullhorns fit 2 3/8" (6cm) O.D. tenons and accommodate 2 3/8" (6cm) slipfitters. Steel tubing .150" & .200" thick welded with (4) 3/8" Bolts for securing to pole

Finish:
Weather resistant polyester powder, bronze

Slipfitters & Wall Brackets:
3/16" thick steel

Info Online 24/7

www.rabweb.com
Installation Instructions
Product Specifications
Pole Capacity Calculations

Heavy Duty brackets for Heavy Duty Floods!

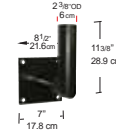


MAB & MCB
Bull Brackets

Bracket safely supports one HID floodlight up to 90 pounds & a 4.0 EPA. Curved and right angle models. Great with RAB Floodinator, Megafood, Floodzilla and Flexlood models. For wall mount only.
Max. Wt. Capacity: 90 lbs.
Max EPA: 4.0

Finish: ● Bronze

Right Angle Bracket
MAB



Curved Bracket
MCB

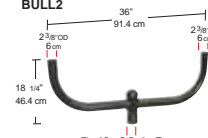


BULL 2
Bullhorn Brackets

Bullhorn bracket safely supports two HID floodlights each up to 100 pounds & a 5.0 EPA. Great with RAB Floodinator, Megafood, Floodzilla and Flexlood models.
Max. Wt. Capacity: 100 lbs.
Max EPA: 5.0
Bracket EPA: 1.35

Finish: ● Bronze

For Pole Top Mounting
BULL2



Finish: ● Galvanized Steel
BULL2W

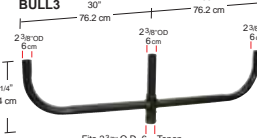


BULL 3
Bullhorn Brackets

Bullhorn bracket safely supports three HID floodlights each up to 90 pounds & a 4.0 EPA. Great with RAB Megafood, Floodzilla and Flexlood models.
Max. Wt. Capacity: 90 lbs.
Max EPA: 4.0
Bracket EPA: 2.0

Finish: ● Bronze

For Pole Top Mounting
BULL3

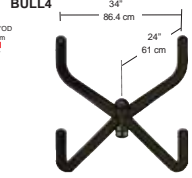


BULL 4
Bullhorn Brackets

Bullhorn bracket safely supports four HID floodlights each up to 90 pounds & a 4.0 EPA. Great with RAB Megafood, Floodzilla and Flexlood models.
Max. Wt. Capacity: 77 lbs. each
Max EPA: 2.5 each
Bracket EPA: 3.3

Finish: ● Bronze

For Pole Top Mounting
BULL4



BSF
Slipfitter Bracket

Mounts to: 2 3/8" Tenon
Accepts: Slipfitter
Max Wt.: 40lb.
Bracket EPA: 2



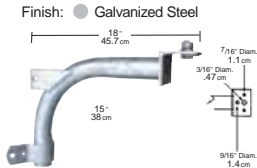
BWALL9
Slipfitter Bracket

Mounts to: Wall
Accepts: Trunnion
Spacing: 9"
Max Wt.: 40lb.
Bracket EPA: .3



BWC18
Curved Bracket for wood poles

Mounts to: Wood Pole
Accepts: Trunnion
Spacing: 18"
Max. Wt. Capacity: 105 lbs
Max EPA: 5



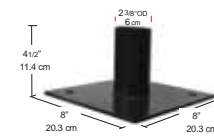
BWC12
Wood Curved Bracket for wood poles

Mounts to: Wood Pole
Accepts: Slipfitter
Spacing: 12"
Max. Wt. Capacity: 105 lbs
Max EPA: 5



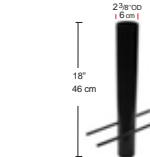
BGS
Surface Mount

Finish: ● Bronze



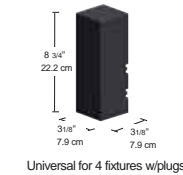
BGC
Concrete Mount

Finish: ● Bronze



BTA4
Tenon Adapter

Finish: ● Bronze



Universal for 4 fixtures w/plugs

RAB Sensor Solutions

Which sensor is right for you?

SUPER STEALTH®

- Security Grade sensor
 - 1000 watt Switching Capacity
 - Scanning LEDs
 - 6000 volt Surge Protection
- See pages 90-93

STL360



"Can't Miss" Detection
1000w
Wattage:
Coverage: 360° & 180°

New! STL360X



With X-10 Chime
1000w
Wattage:
Coverage: 360° & 180°

STL360Q1



One 150w quartz flood
1000w
Wattage:
Coverage: 360° & 180°

STL360Q2



Two 150w quartz floods
1000w
Wattage:
Coverage: 360° & 180°

STL360Q3



One 300w quartz flood
1000w
Wattage:
Coverage: 360° & 180°

STL360H & STL360HB



Two 150w PAR floods
1000w
Wattage:
Coverage: 360° & 180°

STEALTH®

- 1000 watt Switching Capacity
 - LED Detection Indicator
 - 6000 volt Surge Protection
 - Temperature Compensation
- See pages 94-97

STL110



Directional Pattern
1000w
Wattage:
Coverage: 110°

STL200



Wide Coverage
1000w
Wattage:
Coverage: 200°

STL110R



Two 150w PAR floods
1000w
Wattage:
Coverage: 110°

STL110H



Two 150w PAR floods
1000w
Wattage:
Coverage: 200°

STL200H



Two PAR floods
1000w
Wattage:
Coverage: 200°

STL110HB & STL200HB



Two PAR floods
1000w
Wattage:
Coverage: 200°

Gotcha! Plus® LUMINATOR®

- Dependable & Economical
 - Easy to read controls
 - Surge Protection
- See pages 98-101

GT500



Reliable
500w
Wattage:
Coverage: 110°

LS300



Economical
300w
Wattage:
Coverage: 110°

GT500R



Two 150w PAR floods
500w
Wattage:
Coverage: 110°

LU300



Two 150w PAR floods
300w
Wattage:
Coverage: 110°

TUFF DOME & MINI SENSOR

- Surge Protected
 - Protected Manual Override
 - Easy Adjustment Controls
 - LED "On Guard" Indicator
- See pages 102-105

SMS500



Easy to hide
500w
Wattage:
Coverage: 110°

SB500W



Box mounting
500w
Wattage:
Coverage: 180°

STUFF500



Vandal resistant
500w
Wattage:
Coverage: 180°

SMART SENSORS

- Surge Protected
 - Protected Manual Override
 - Easy Adjustment Controls
 - LED "On Guard" Indicator
- See pages 104-107

SL500



Smarten up lanterns
500w
Wattage:
Coverage: 180°

SPOST500



Adapts Post Lanterns
500w
Wattage:
Coverage: 180° & 360°

WPTF28MS



CFL Sensor Tallpack
28w
Wattage:
Coverage: 180°

WP2F42MSW



CFL Sensor Wallpack
42w
Wattage:
Coverage: 180°

WP2CF42MSW



CFL Sensor Cutoff
42w
Wattage:
Coverage: 180°

VAN6F13MS



CFL Sensor Vandalproof
13w
Wattage:
Coverage: 180°

OCCUPANCY & VACANCY SENSORS

- Control interior lights
 - Tough, vandal resistant lens
 - Easy Adjustment Controls
 - LED Detection Indicator
- See pages 110-115

LOS2500



Best coverage
2400 watt
Wattage:
Coverage: 360°

LOS2400 / LOS2400H



Great for hallways
2400 watt
Wattage:
Coverage: 360°

LOS800/1000 & LVS800



Wall mount
800w/1000w
Wattage:
Coverage: 180°

New!
Vacancy Sensor meets California Title 24 - turn on manually - shuts off automatically

STUFF



Vandal resistant
500w
Wattage:
Coverage: 180°

SMS500



Smart and Flexible
500w
Wattage:
Coverage: 180°

STASK



Control closet and under cabinet lights
16w
Wattage:
Coverage: 180°

OUTDOOR SENSORS

STEALTH³⁶⁰

SECURITY GRADE SENSOR



Total Coverage - 2 Sensors in One

2 powerful detectors combine to give the STEALTH 360 180° long forward range plus superb 360° motion detection below and to the sides. Impenetrable!

The tough Security Grade STEALTH 360 has "Can't Miss" 360° detection for fast installation and flawless operation. It's the most technically advanced sensor on the market today. Now available with X-10 technology!

- Scanning LEDs
- Radio Frequency Immunity
- 6000 volt Surge Protection
- Quick Test Time



Long, flexible arm for easy soffit mounting

- Color Matched Vandal Resistant Lens and Grill
- 1000 watt Switching Capacity
- Protected Manual Override with Auto Reset
- Can be wired in parallel
- Temperature Compensation
- White or Bronze Finish
- 10 Year Warranty



Evening Timer
Keeps lights on for 1-8 hours after dusk. Then sensor reverts to motion activation until dawn. Great for evening outdoor activities. Gives a "lived-in look" during vacations



Scanning LEDs
3 red LEDs continuously scan when the STEALTH 360 is "on-guard" every night.

STL360X transmits signal that interfaces with X-10, Leviton DHC and Lutron Radio RA to trigger other lights and devices. Plug-in chime receiver included.



Comprehensive Installation Manual

Plus all the Professional Reliability Features that make STEALTH the "Pro's Choice"



Surge Protection
Withstands 6000 volts



Radio Frequency Immunity
Not affected by cell and wireless phone transmissions



Temperature Compensation
For all season performance



Quick Test Time
For fast installation

Specifications

UL Listing:

Suitable for wet locations

Switching Capacity:

8 amps, 1000w Incandescent @ 120 volts
250w Fluorescent @ 120V

Voltage:

120 volts AC 60Hz.

Power Consumption:

1 watt

Time Adjustment:

5 seconds to 12 minutes

Scanning LEDs

3 LEDs continually scan back-and-forth and provide indication of the sensor's operating mode.

Surge Protection:

Withstands up to 6000 volts

Wide Sensitivity Control:

Adjustable from 100% to 30%

Temperature Compensation:

Sensitivity adjusted automatically for consistent detection in hot and cold ambient temperatures.

Wall Switch Manual Override:

Two flip logic prevents activation by momentary power outages. Override resets to auto at dawn. No extra wiring needed.

Evening Timer:

Keeps lights on for 1-8 hours after dusk. Then sensor is motion activated until dawn.

Set it and forget it:

STL360's full coverage pattern reduces need for aiming and adjustment.

Advanced Detection Logic:

Minimizes false triggers

Color Matched Lens:

Dark lens with bronze units, white lens with white units

Lens Masks:

Customized press apply lens mask included to reduce coverage easily

RF Immunity:

Circuits fully shielded for maximum radio frequency immunity.

Photoelectric Control:

Deactivates lights during daylight. Fully adjustable for 24 hour operation or custom applications.

Patents:

RAB sensor designs are protected under U.S. and international intellectual property laws.

www.rabweb.com

Wiring Diagrams
Installation Instructions
Product Specifications

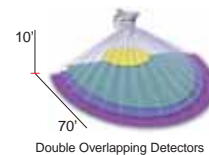
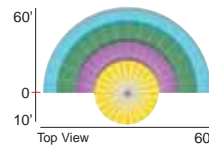
STEALTH³⁶⁰

STEALTH Sensor with Total 360° + 180° "Can't Miss" Coverage, Surge Protection, Scanning LEDs, Evening Timer and Color Matched Lens. Universal CU4 cover plate included.

Finish: ● Bronze
○ White



Detection Patterns



Catalog Numbers

Bronze STL360
White STL360W

New!

STEALTH^{360X} X-10 Transmitter

Stealth sensor with X-10 transmitter interfaces with X-10 modules to control lights and other devices remotely. House and Unit code control knobs. Plug-in Chime module included. Universal CU4 EZ-Plate included.

Finish: ● Bronze
○ White

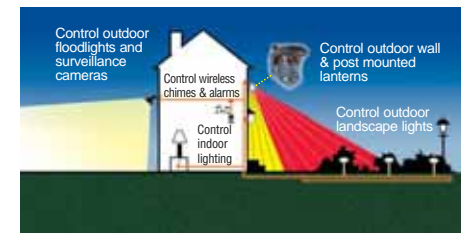


Chime Receiver included

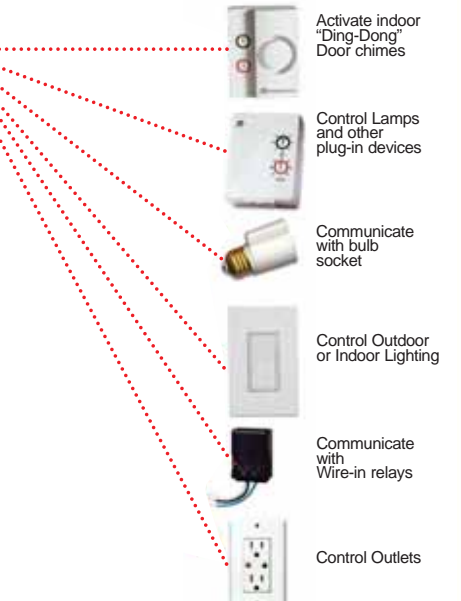


House and unit control knobs under the front edge of the sensor allow up to 256 addresses for secure operation

Bronze STL360X
White STL360XW

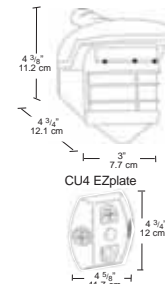


For Home Automation, Outdoor Security and Convenience



A wide variety of X-10 and Leviton Home Control devices interface with the STEALTH 360X.

Dimensions



STL360X interfaces with X-10 modules to control devices both inside and outside the home.



OUTDOOR SENSORS

STEALTH 360 KITS

SECURITY GRADE SENSOR



Evening Timer
Keeps lights on for 1-8 hours after dusk. Then sensor reverts to motion activation until dawn. Great for evening outdoor activities. Gives a "lived-in look" during vacations



Scanning LEDs
3 red LEDs continuously scan when the STEALTH 360 is "on-guard" every night.

Total Coverage - 2 Sensors in One
2 powerful detectors combine to give the STEALTH 360 180° long forward range plus superb 360° motion detection below and to the sides. Impenetrable!

Specifications

- UL Listing:** Suitable for wet locations
- Switching Capacity:** 8 amps, 1000w Incandescent @ 120 volts
250w Fluorescent @ 120 volts
- Voltage:** 120 volts AC 60Hz.
- Power Consumption:** 1 watt
- Time Adjustment:** 5 seconds to 12 minutes
- Scanning LEDs**
3 LEDs continually scan back-and-forth
- Surge Protection:** Withstands up to 6000 volts

- Wide Sensitivity Control:** Adjustable from 100% to 30%
- Temperature Compensation:** Sensitivity adjusted automatically for consistent detection in hot and cold ambient temperatures.
- Wall Switch Manual Override:** Two flip logic prevents activation by momentary power outages. Override resets to auto at dawn. No extra wiring needed.
- Evening Timer:** Keeps lights on for 1-8 hours after dusk. Then sensor is motion activated until dawn.
- Set it and forget it:** STL360's full coverage pattern reduces need for aiming and adjustment.

Pre-assembled, pre-wired STEALTH360 Kits save installation time and \$\$ They're the most technically advanced sensor floodlight kits on the market.

Senses 180° out + 360° down for Total Detection
"Can't Miss" Detection = little to no aiming

1000 watt Switching Capacity

Quick Test Time

6000 volt Surge Protection

Scanning LEDs

Color Matched Vandal Resistant Lens and Grill

Temperature Compensation

Radio Frequency Immunity

Die Cast Aluminum Floodlights

Pre-wired and Pre-assembled on CU4 universal EZ plate

CU4 fits round, rectangular, octagonal, recessed and surface boxes

Can be wired in parallel

Protected Manual Override with Auto Reset

White or Bronze Finish

10 Year Warranty



Long, flexible arm for easy soffit mounting



"Can't Miss" Detection



Installing Outdoor Lighting is EZ with the RAB EZ Plate!



Floodlight Accessories

- Hood** 
- Guard** 
- Visor** 

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

STL360 Bell Flood Kit

STEALTH 360 sensor with twin precision die cast H101 deluxe shielded Bell floods pre-wired and assembled on universal CU4 EZ plate. Accepts PAR-38 lamps, 150 watt max. Lamps not supplied.

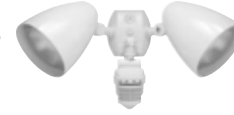
Finish: ● Bronze
○ White



STL360 Bullet Flood Kit

STEALTH 360 sensor with twin precision die cast HB101 Bullet floods pre-wired and assembled on universal CU4 EZ plate. Accepts PAR-38 lamps, 150 watt max. Lamps not supplied.

Finish: ● Bronze
○ White



STL360 Swoop Quartz Flood Kits

STEALTH 360 sensor with 150w Q1 or 300w Q3 Swoop Quartz Floods. Pre-wired and pre-assembled on CU4 EZ plate. Unique flood pan adjustment keeps lamps level for longer life. Lamp supplied.

Finish: ● Bronze
○ White



See Swoop Floods on p. 68

STL360Q1
150 watts

STL360Q3W
300 watts

STL360 Q2 Quartz Flood Kits

STEALTH 360 sensor with twin 150w Q2 Quartz Floods. Pre-wired and pre-assembled on CU4 cover-plate. Unique flood pan adjustment keeps lamps level for longer life. Lamps supplied.

Finish: ● Bronze
○ White



Completely Assembled
And Pre-Wired
For Quick Installation

Completely Assembled
And Pre-Wired
For Quick Installation

Completely Assembled
And Pre-Wired
For Quick Installation

Completely Assembled
And Pre-Wired
For Quick Installation

Catalog Numbers

Bronze	White
STL360H	STL360HW

Kit contains:
STL360
2-H101A
CU4A

Bronze	White
HH1A	HH1W
HG1A	HG1W
HV1A	HV1W

Bronze	White
STL360HB	STL360HBW

Kit contains:
STL360
2-HB101A
CU4A

Bronze	White
HH1A	HH1W
HG1A	HG1W
HV1A	HV1W

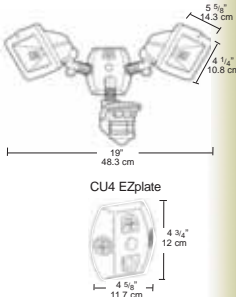
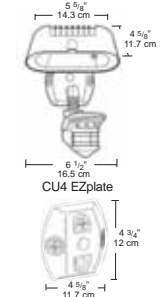
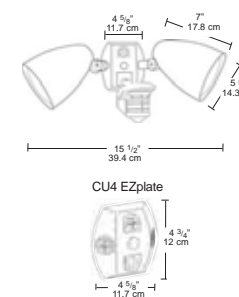
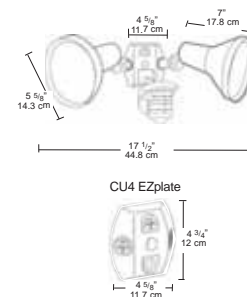
Bronze	White
STL360Q1 STL360Q3	STL360Q1W STL360Q3W

Kit contains:
STL360
Q1A (150w) or
Q3A (300w)
CU4A

Bronze	White
HH1A	HH1W
HG1A	HG1W
HV1A	HV1W

Bronze	White
STL360Q2	STL360Q2W

Dimensions



OUTDOOR SENSORS

STEALTH®

THE BEST SENSOR



STEALTH is the "Pro's Choice" for reliability with hundreds of thousands of satisfied customers.

1000 watt Switching Capacity

Temperature Compensation

New! Easy to read controls

Radio Frequency Immunity

6000 volt Surge Protection

Quick Test Time

LED Detection & "On Guard" Indicator

Color Matched Vandal Resistant Lens and Grill

Pre-wired and Pre-assembled on CU4 Universal Ezplate

Protected Manual Override with Auto Reset

Auto Test Logic

White or Bronze Finish

Can be wired in parallel

Comprehensive manuals

10 Year Warranty



STEALTH Rates Best. Here's Why:



Surge Protection

STEALTH MOV (metal oxide varistor) surge protection withstands 6000 volts while the competition fries. Can you afford problems due to power quality and lightning?



Radio Frequency Immunity

STEALTH isn't fooled by RF signals while the competition false triggers. Can you afford a sensor that turns on every time a cellular phone or fire/police radio is operated nearby?



All Season Sensitivity

STEALTH Automatic Temperature Compensation operates flawlessly in both cold and hot weather. Other brands become too sensitive in cold and fail to turn on when it's hot. Can you afford a sensor that needs adjustment every time the weather changes?



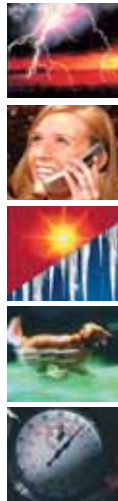
Reduced False Triggering

STEALTH advanced detection logic, electronic vibration filtering and aerodynamic rain shedding case minimize false triggering. STEALTH gives you control over responsiveness and range from 30% to 100%.



Quick Test Time

STEALTH is easy to install and easy to test. A 5 minute test period allows aiming and walk testing day or night. During the test period, the sensor keeps lights on for 5 seconds each time it detects movement. During daytime the LED shows when STEALTH detects.



Specifications

UL Listing:

Suitable for wet locations

Switching Capacity:

8 amps, 1000 watts incandescent @ 120 volts

Voltage:

120 volts AC 60Hz. Also available in 12 volt AC/DC (96 watts capacity) and 240 volt / 50 & 60 hertz models. Consult factory for special voltages.

Power Consumption:

1 watt

Time Adjustment:

5 seconds to 12 minutes

Surge Protection:

Withstands up to 6000 volts

Wide Sensitivity Control:

Adjustable from 100% to 30%

Temperature Compensation:

Sensitivity adjusts automatically for consistent detection in hot and cold ambient temperatures.

Wall Switch Manual Override:

Two flip logic prevents activation by momentary power outages. Override resets to auto at dawn. No extra wiring needed.

LED Detection Indicator:

Shows when sensor is detecting in daytime and glows red at night for "on-guard" deterrence.

Auto Test Logic:

5 minutes of test time when powered. Resets to auto mode without further adjustment.

Lens Masks:

Customized plastic, snap-on lens mask included to reduce coverage easily

Advanced Detection Logic:

Minimizes false triggers

Color Matched Lens:

Dark lens with bronze units, white lens with white units

RF Immunity:

Circuits fully shielded for maximum radio frequency immunity.



Horizontal Lock, No-tool Joints:

Keeps sensing pattern level for fast, error-free installation.

Photoelectric Control:

Deactivates lights during daylight. Fully adjustable for 24 hour operation or custom applications.

Patents:

RAB sensor and fixture designs are protected under U.S. and international intellectual property laws.

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

STEALTH® 110

STEALTH Sensor with 110° view, Double Look Down Lens, Surge Protection, LED Detection Indicator and Color Matched Lens. See page 78 for floodlight kits.

Finish: ● Bronze
○ White



STEALTH® 200

The STEALTH sensor with special 200° detection pattern to provide wide coverage side to side. Excellent for building perimeter protection. Lens masks allow customization of detection zone. See page 78 for floodlight kits.

Finish: ● Bronze
○ White



STEALTH® 12 Volt

STEALTH110 sensor for 12 volt AC/DC systems. Great for controlling low voltage lighting or security systems. 96 watt switching capacity.

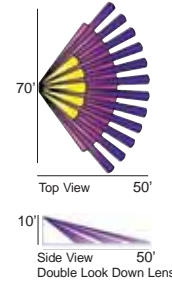
Finish: ● Bronze



Detection Patterns

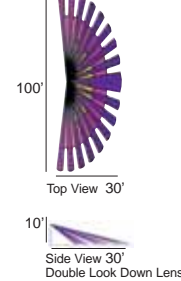
110° Detection

Standard 110° wide pattern reaches 50' out & 70' wide

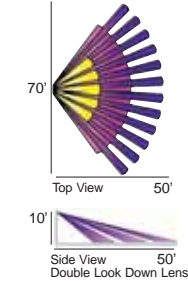


200° Detection

Covers 100' along the sides of building with 200° detection



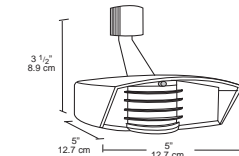
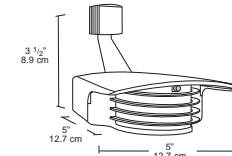
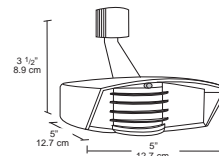
110° Detection



Catalog Numbers

Bronze	White	Bronze	White	Bronze
STL110	STL110W	STL200	STL200W	STL12LV

Dimensions



OUTDOOR SENSORS

STEALTH® KITS

THE BEST SENSOR



Pre-assembled, pre-wired STEALTH Kits save installation time and \$\$.

Pre-wired and Pre-assembled on CU4 universal EZplate

1000 watt Switching Capacity

Temperature Compensation

Radio Frequency Immunity

Die Cast Aluminum Floodlights

Surge Protected to 6000 volts

Auto Test Logic

New! Easy to read controls

Protected Manual Override with Auto Reset

Can be wired in parallel

Fits round, square & octagonal boxes

LED Detection & "On Guard" Indicator

Color Matched, Vandal Resistant Double Lock Down Lens and grill

White or Bronze Finish

10 Year Warranty

Completely Assembled
And Pre-Wired
For Quick Installation



Easy soffit mounting



Full color packaging shows features and specifications plus a Comprehensive Installation Manual

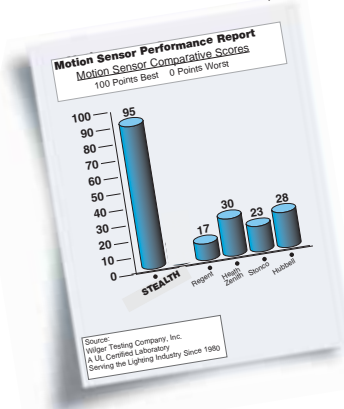
Installing Outdoor Lighting is EZ with the RAB EZ Plate!



Add reliable security to garages, decks and yards.

STEALTH Outperforms the Competition.

A UL certified test laboratory tested five brands of sensors simulating actual installation situations. Full report available upon request.



Specifications cULus

- UL Listing:** Suitable for wet locations
- Switching Capacity:** 8 amps, 1000 watts Incandescent @ 120 volts
- Voltage:** 120 volts AC, 60Hz. Also available in 12 volt AC/DC and 240 volt AC. Consult factory for special voltages.
- Power Consumption:** 1 watt
- Time Adjustment:** 5 seconds to 12 minutes
- Surge Protection:** Withstands up to 6000 volts

- Temperature Compensation:** Sensitivity adjusted automatically for consistent detection in hot and cold ambient temperatures.
- Wall Switch Manual Override:** Two flip logic prevents activation by momentary power outages. Override resets to auto at dawn. No extra wiring needed.
- LED Detection Indicator:** Shows when sensor is detecting in daytime and glows red at night for "on-guard" deterrence.
- Auto Test Logic:** 5 minutes of test time when powered. Resets to auto mode without further adjustment.
- Advanced Detection Logic:** Minimizes false triggers

- Lens Masks:** Customized plastic, snap-on lens mask included to reduce coverage easily
- Color Matched Lens:** Bronze = dark lens / White = white lens
- RF Immunity:** Circuits fully shielded for maximum radio frequency immunity.
- Horizontal Lock, No-tool Joints:** Keeps sensing pattern level for fast, error-free installation.
- Photoelectric Control:** Deactivates lights during daylight. Fully adjustable for 24 hour operation or custom applications.
- Wide Sensitivity Control:** Adjustable from 100% to 30%

- Lamps:** Customized plastic, snap-on lens mask included to reduce coverage easily. Halogen lamps give brighter light and choice of beam spreads. Lamps not included.
- Floodlights:** Precision die cast aluminum. 1/2" NPS threaded arm with serrated locking swivel fits all standard mounting boxes & covers.
- Patents:** RAB sensor and fixture designs are protected under U.S. and international intellectual property laws.

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

STEALTH® Bell Flood Kit

STEALTH sensor with twin precision die cast H101 deluxe shielded floods pre-wired and assembled on universal CU4 cover plate. Accepts PAR-38 lamps, 150 watt max. Lamps not supplied.

Finish: ● Bronze
○ White

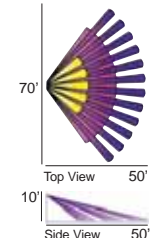


Catalog Numbers

Bronze 110°	White 110°
STL110H Kit contains: STL110 2-H101A CU4A	STL110HW STL110W 2-H101W CU4W

STEALTH 110

Standard 110° wide detection pattern reaches 50' out and 70' wide



STEALTH® Bullet Flood Kit

STEALTH sensor with twin precision die cast HB101 Bullet floods pre-wired and assembled on universal CU4 cover plate. Accepts PAR-38 lamps, 150 watt max. Lamps not supplied.

Finish: ● Bronze
○ White



Bronze 110°	White 110°
STL110HB Kit contains: STL110 2-HB101A CU4A	STL110HBW STL110W 2-HB101W CU4W

STEALTH® Economy Flood Kit

STEALTH sensor with twin die cast R90 PAR-38 floods pre-wired and assembled on universal CU4 cover plate. Accepts PAR-38 lamps, 150 watt max. Lamps not supplied.

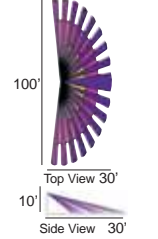
Finish: ● Bronze
○ White



Bronze 110°	White 110°
STL110R Kit contains: STL110 2-R90A CU4A	STL110RW STL110W 2-R90W CU4W

STEALTH 200

Covers 100' along the sides of buildings with 200° wide detection



Bronze 200°	White 200°
STL200H Kit contains: STL200 2-H101A CU4A	STL200HW STL200W 2-H101W CU4W



Bronze 200°	White 200°
STL200HB Kit contains: STL200 2-HB101A CU4A	STL200HBW STL200W 2-HB101W CU4W

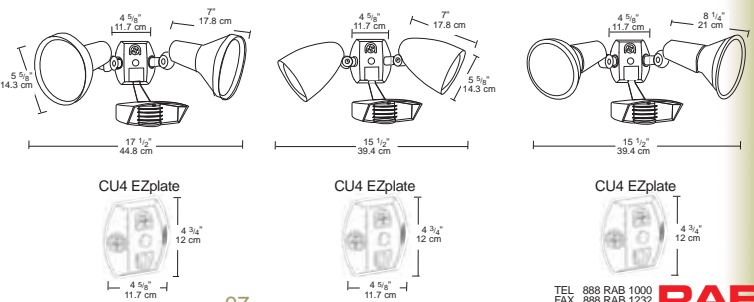
Floodlight Accessories

- Hood:** HH1A (Bronze), HH1W (White)
- Guard:** HG1A (Bronze), HG1W (White)
- Visor:** HV1A (Bronze), HV1W (White)

Note: Accessories fit both Bell H101 and Bullet HB101 Floods. Accessories will not fit older H100 floods used pre 2002. H & HB fixtures. See pages 58-59 for more information.

Bronze	White	Bronze	White
HH1A	HH1W	HH1A	HH1W
HG1A	HG1W	HG1A	HG1W
HV1A	HV1W	HV1A	HV1W

Dimensions



SENSORS - OUTDOOR

OUTDOOR SENSORS

Gotcha! Plus

THE BETTER SENSOR

Proven reliability with the features professionals trust.



Completely Assembled And Pre-Wired For Quick Installation

- 500 watt Switching Capacity
- New!** Easy to read controls
- 6000 volt Surge Protection
- Double Look Down Lens
- Temperature Compensation
- Protected Manual Override with Auto Reset
- White or Black Finish
- 5 Year Warranty



Full color packaging has product features and specifications plus a comprehensive Installation Manual.



The Gotcha is RAB's "Better" sensor with 500 watt switching capacity. For RAB's "Best" sensors, see SUPER STEALTH & STEALTH with superb reliability, 1000 watt capacity, choice of 110°, 200° and 360° models and a 10 year warranty on pages 90-97.



STL200H page 96

STL360HBW page 92



Reliable, affordable sensor protection.

Specifications

- UL Listing:**
Suitable for wet locations
- Switching Capacity:**
5 amps, 500W Incandescent @ 120 volts
150W Fluorescent @ 120 volts
- Voltage:**
120 volts AC, 60Hz
- Power Consumption:**
1 watt
- Time Adjustment:**
10 seconds to 5 minutes
- Surge Protection:**
Withstands up to 6000 volts

- Photoelectric Control:**
Deactivates lights during daylight
- Detector Sensitivity:**
Adjustable from 100% to 50%
- Wall Switch Manual Override:**
Two flip logic prevents activation by momentary power outages.
Resets to auto after 6 hours or at dawn.
No extra wiring needed.
- Patents:**
The design of the Gotcha Sensor is protected by Canadian Patent 119244, China Patent ZL200730002286, and Taiwan Patents D123958.

Gotcha! Sensor

Gotcha Sensor with 110° view, surge protection, 500 watt switching capacity, auto test logic and manual override.

Finish: Black White



Gotcha! Floodlight Kit

Gotcha Sensor with two weatherproof, corrosionproof floodlights, molded gas-kets and corrosionproof universal cover plate. Lamps not supplied.

Finish: Black White



Buzz Bulb

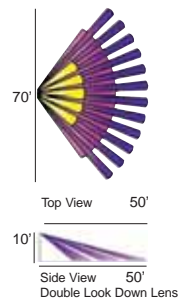
Screws into medium base outdoor floodlights. Emits a piercing 100 decibel screech when powered. When used along with a sensor, it becomes a powerful prowler deterrent.

Finish: Ivory



Completely Assembled And Pre-Wired For Quick Installation

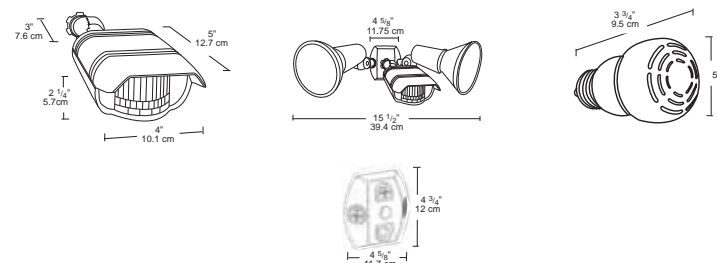
Detection Pattern



Catalog Numbers

Black	White	Black	White	Ivory
GT500	GT500W	GT500R	GT500RW	SA1BB

Dimensions



RAB Quality Inspectors check a production run. Customers consistently rate RAB #1 in Product Quality.

OUTDOOR SENSORS

Light Force®
LUMINATOR®
THE BASIC SENSOR



The affordable passive infrared sensor with RAB Quality and basic features.

Floods and sensor have universal ball swivels for easy tool-less adjustment

300 watt Switching Capacity

Manual Override

Fully adjustable positioning

110° Double Look Down Lens

Auto Test Logic

Tough, Vandal Resistant Lens and Grill

3000 volt Surge Protection

White or Bronze Finish

Corrosionproof, weatherproof, non-metallic case

LS300 fits 1/2" standard threaded cover plates

3 Year Warranty



Add reliable security to decks and yards.



Full color packaging has product features and specifications plus a comprehensive Installation Manual

The Luminator is RAB's "Basic" sensor with 300 watt switching capacity. For RAB's "Best" sensors, see SUPER STEALTH & STEALTH with superb reliability, 1000 watt capacity, choice of 110°, 200° and 360° models and a 10 year warranty on pages 90-97.



STL200H
Page 96

STL360HBW
Page 92

Specifications

UL Listing:

Suitable for wet locations

Switching Capacity:

2.5 amps, 300 watts Incandescent @ 120 volts

Voltage:

120 volts AC, 60Hz

Power Consumption:

1 watt

Time Adjustment:

8 seconds to 10 minutes

Photo Control:

Deactivates lights during daylight

Detector Sensitivity:

Adjustable from 100% to 50%

Wall Switch Manual Override:

Double flip logic prevents activation by momentary power outages. Override resets to Auto at dawn. No extra wiring needed.

Auto Test Logic:

5 minutes of test time when power is turned on. Resets to auto mode without further adjustment.

Sensor Housing:

Made of tough corrosionproof polycarbonate.

Floodlights:

Made of tough, corrosionproof polycarbonate. Accepts PAR-38 lamps, medium base, 150 watt max. Lamps not included.

Surge Protection:

Withstands up to 3000 volts

Patents:

RAB sensor and fixture designs are protected under U.S. and international intellectual property laws.

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Luminator® Sensor

Luminator sensor with 110° view, manual override, 300 watt switching capacity and auto test logic.

Finish: Bronze
 White



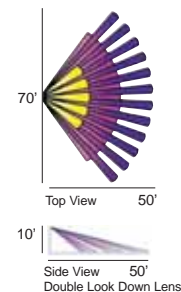
Luminator® Floodlight Kit

Luminator sensor with two weatherproof, corrosionproof floodlights and round mounting plate. Pre-wired for easy installation. Both floods and sensor have universal ball swivels for easy tool-less adjustment. Lamps not supplied.

Finish: Bronze
 White



Detection Pattern

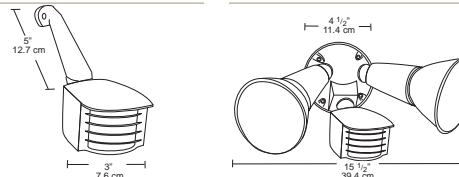


Completely Assembled
And Pre-Wired
For Quick Installation

Catalog Numbers

Bronze	White	Bronze	White
LS300	LS300W	LU300	LU300W

Dimensions



OUTDOOR SENSORS

TUFF DOME



Vandal Resistant Tuff Dome Sensor
can be used remotely or with floodlights.

Vandalproof Sensor:

- Resists damage from balls & bats
- Vandalproof Allen drive screws & tool provided
- Vandalproof close-up plugs

Surge Protected

Controls up to 500 watts

Can be wired in parallel

Three 1/2" threaded holes for lighting fixtures

Die cast aluminum

Vandal resistant color matched lens removes to access controls and vertical adjustment

Fits round and rectangular boxes covering oversized openings

180° Detection Pattern

Small, unobtrusive design blends with building facades

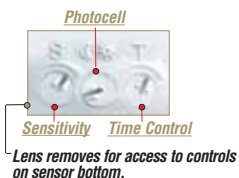
Quick installation with 5 second Test Time and Auto Test Logic

LED "On Guard" indicator

Protected Manual Override with Auto Reset after 8 hours

White or Bronze finish

5 Year Warranty



TUFF Dome

Controls up to 500 watts Incandescent or 100 watts Fluorescent of outdoor lighting from an unobtrusive sensor. Color matched Vandalproof Lens. Full 180° coverage.

Finish: ● Bronze
○ White



Tuff Dome won the NAED "Best of the Best" award.

Catalog Numbers

Bronze	White
STUFF500	STUFF500W

Specifications

UL Listing:

Suitable for wet locations

Switching Capacity:

500 watts Incandescent or

Voltage:

120 volts AC, 60Hz

Time Adjustment:

5 seconds to 15 minutes

Detection Zone:

Full 180 degrees by 25'

Quick Test Time:

5 second test time for fast installation. Works day or night.

"No Hands" Auto Testing:

Auto mode starts after 4 minutes of testing. No adjustment needed.

Vandal Resistant Lens:

Hard lens resists vandalism

Photoelectric Control:

Deactivates lights during daylight. Fully adjustable for 24 hour operation or custom applications.

Case Construction:

Die cast aluminum with polyethylene lens.

Manual Override:

Double flip wall switch logic prevents activation by brief power outages. Resets after 8 hours. No extra wiring needed.

Surge Protection:

Withstands up to 3000 volts

LED Detection Indicator:

LED glows red day & night for "on-guard" deterrence.

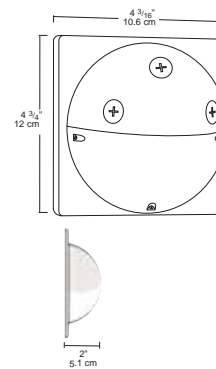
RF Immunity:

Circuits fully shielded for maximum radio frequency immunity.

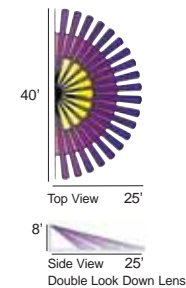
Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Dimensions



Detection Pattern



Small and durable Tuff Dome controls four lanterns on this home.

OUTDOOR SENSORS

Mini Sensor & Smart Box®



Sensors so small you can hide them.
Perfect for entrances where looks count.

500 watt Switching Capacity

180° Detection Pattern

Smart Box includes oversize wall plate. Fits single gang cast boxes.

Can be wired in parallel

Surge Protected

Protected Manual Override with Auto Reset after 8 hours

Miniature size

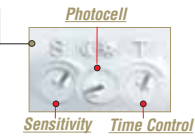
Quick installation with 5 second test time and Auto Test Logic

Easy adjustment controls on sensor bottom

Color Matched Vandal Resistant Lens

5 Year Warranty

LED "On Guard" Indicator



Use Mini Sensors with RAB's new LPACK LED Wallpacks for added safety, convenience and energy savings. See page 22.

Smart Box controls 500 watts of front door lighting.
(Hint: Look on the wall to the left of the door.)

Specifications

- UL Listing:** Suitable for wet locations
- Switching Capacity:** 500 watts Incandescent or 100 watts Fluorescent @ 120 volts
- Voltage:** 120 volts AC, 60Hz
- Detection Zone:** Full 180 degrees by 30'
- Quick Test Time:** 5 second test time for fast installation. Works day or night.
- "No Hands" Auto Testing:** Auto mode starts after 4 minutes of testing. No adjustment needed.
- Time Adjustment:** 5 seconds to 15 minutes

- Vandal Resistant Lens:** Hard lens resists vandalism
- Surge Protection:** Withstands up to 3000 volts
- Case Construction:** Precision molded Lexan®
- Photoelectric Control:** Deactivates lights during daylight. Fully adjustable for 24 hour operation or custom applications.
- Manual Override:** Double flip wall switch logic prevents activation by short power outages. Resets after 8 hours. No extra wiring needed.
- Built for Severe Conditions:** Double weatherproofing for long life.

- LED Detection Indicator:** Glows red day and night for "on-guard" deterrence.
- RF Immunity:** Circuits fully shielded for maximum radio frequency immunity.
- Patents:** RAB sensor and fixture designs are protected under U.S. and international intellectual property laws.

Product Information

Sensor
500 watts Incandescent or
100 watts Fluorescent

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Mini Sensor

Controls 500 watt Incandescent or 100 watt Fluorescent outdoor lighting. Full 180° coverage with universal swivel. Color matched vandal resistant lens. LED "On Guard" indicator.

Finish: ● Bronze
○ White



Smart Box®

Unobtrusive box mounted sensor controls 500 watt Incandescent or 100 watt Fluorescent outdoor lighting. Full 180° coverage with tilt-down adjustment. Integral oversize wall plate included. Fits single gang cast boxes like RAB's B3 series.

Finish: ○ White - Paintable to match wall finish.



SQB1 Light Kit

Mini Sensor and 75 watt quartz bullet flood. Quartz Bullet has silicone O-ring gasket, thick tempered glass lens, internal and external cooling fins. Gold plated socket contacts and 250°C Teflon coated wires for extended lamp life. Lamp supplied.

Finish: ● Bronze
○ White



SQB2 Light Kit

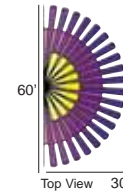
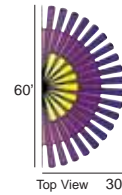
Mini Sensor and double 75 watt quartz bullet floods. Quartz Bullet has silicone O-ring gasket, thick tempered glass lens, internal and external cooling fins. Gold plated socket contacts and 250°C Teflon coated wires for extended lamp life. Lamp supplied.

Finish: ● Bronze
○ White



For more information on Quartz Bullet Floodlights, see pages 66-67.

Detection Patterns



Catalog Numbers

Bronze SMS500
White SMS500W

White SB500W

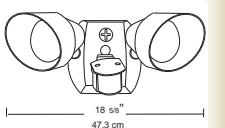
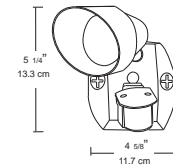
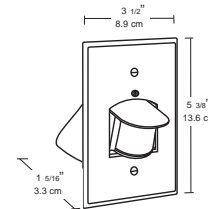
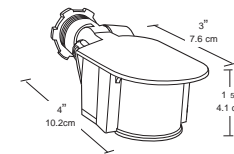
Bronze SQB1A
Kit contains:
(1) QB1A
(1) SMS500
(1) CU4A

White SQB1W
(1) QB1W
(1) SMS500
(1) CU4W

Bronze SQB2A
Kit contains:
(2) QB1A
(1) SMS500
(1) CU4A

White SQB2W
(2) QB1W
(1) SMS500
(1) CU4W

Dimensions



OUTDOOR SENSORS

SMART POST & SMART LANTERN®



It's easy to add passive infrared sensor control to your post or wall mount lantern! Smarten up your favorite lantern!

500 watt Switching Capacity

Miniature size passive infrared sensor

Can be mounted remotely or together with lights

Can be wired in parallel

180° Detection Pattern

White finish is paintable to match the house

Both straight wall and clapboard cut mounting plates included

Surge Protected

Quick installation with 5 second test time and Auto Test Logic

Sensor adjusts 6" up or down to clear lantern handle

Tilt down adjustment

LED "On Guard" Indicator

Easy adjustment controls on sensor bottom

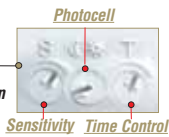
Protected Manual Override with Auto Reset at dawn

5 Year Warranty

Color Matched Vandal Resistant Lens

Black finish (paintable to match post)

Smart Post fits between your lantern and the post



Add sensor technology to any post lantern!



It's Easy to add motion detection to your post lantern!

Product Information

Sensor

500 watts Incandescent or 100 watts Fluorescent

Dummy Mounting Plate - Straight Wall
- Clapboard Cut

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

LED Detection Indicator:
Glows red day and night for "on-guard" deterrence.

RF Immunity:
Circuits fully shielded for maximum radio frequency immunity.

Patents:
RAB sensor and fixture designs are protected under U.S. and international intellectual property laws.

Photoelectric Control:
Deactivates lights during daylight. Fully adjustable for 24 hour operation or custom applications.

Vandalproof Lens:
Hard lens resists casual vandalism

Built for Severe Conditions:
Double weatherproofing for long, dependable life.

Manual Override:
Double flip wall switch logic prevents activation by short power outages. Resets to auto after 8 hours. No extra wiring needed.

Surge Protection:
Withstands up to 3000 volts

Specifications

UL Listing:
Suitable for wet locations

Switching Capacity:
500 watts Incandescent or 250 watts Fluorescent

Voltage
120 volts AC, 60Hz

Time Adjustment:
5 seconds to 15 minutes

Quick Test Time:
5 second test time for fast installation. Works day or night.

"No Hands" Auto Testing:
Auto mode starts after 4 minutes of testing. No adjustment need

360° Smart Post

360° Sensor adapts Post Lanterns to automatic motion activated operation. Fits all standard Post Lanterns. Controls 500 watt Incandescent or 100 watt Fluorescent of its own or remotely located lighting.

Finish: ● Black



360° Model

180° Smart Post

180° Sensor adapts Post Lanterns to automatic motion activated operation. Fits all standard Post Lanterns. Controls 500 watt Incandescent or 100 watt Fluorescent of its own or remotely located lighting.

Finish: ● Black



180° Model

Smart Lantern®

Adapts lanterns to sensor operation. Controls 500 watt Incandescent or 100 watt Fluorescent. Adjusts to fit small or large size lanterns. Sensor moves 6" up or down to clear lantern handle. Straight wall and clapboard plate provided. 180° sensor with tilt-down adjustment.

Finish: ○ White (Paintable to match house finish)



Sensor shown near maximum length



Sensor shown at minimum length

Mounting Plates

Use these heavy duty dummy mounting plates to match fixture mounting around house to your Smart Lanterns. Available in Straight Wall (DUM1) or Clapboard Cut (DUM2).

Finish: ○ White (Paintable to match house finish)

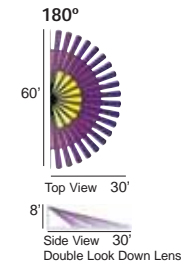
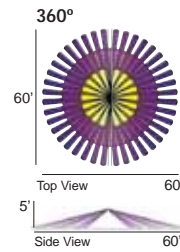


DUM1



DUM2

Detection Pattern



Catalog Numbers

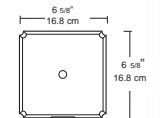
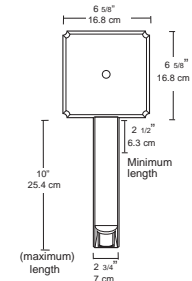
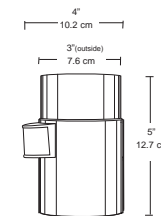
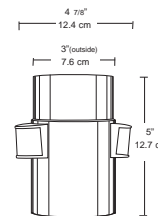
360°
SPOST500

180°
SPOST500/180

White
SL500

White
DUM1
DUM2

Dimensions



OUTDOOR SENSORS SMART PACKS



Sensor controlled Wallpacks and Vandalproof commercial lighting for added security and reduced operating costs.

Precision Die Cast Aluminum Housings

Cutoff and standard Wallpacks

LED "On Guard" indicator

Can be wired in parallel

Adjustable Mini Sensor with 180° Detection Pattern

Sensor color matches fixture

Vandalproof fixtures offer sensor controlled Compact Fluorescent up to 96 watts

Surge Protected Sensor

Total Watts	Lamp Type	Lamp Base
13	13w Twin	GX23
28	Quad	GX32d-3
26	2-13w Twin	GX23
26	Triple	GX24q-3
32	Triple	GX24q-3
42	Triple	GX24q-4
64	2- 32w Triple	GX24q-3
84	2- 42w Triple	GX24q-4
96	3- 32w Triple	GX24q-3

Ballast	Minimum Starting Temperature °F	Starting/ Operating Amps 120V	Input Watts	Initial Lumens	Lamp Hours
NPF120V	32°	.4 / .3	16	825	10,000
NPF 120V	-20°	.8 / .3	32	1,600	10,000
NPF 120V	32°	.3 / .3	32	1,650	10,000
NPF120V	0°	.3 / .3	29	1,800	12,000
NPF120V	0°	.4 / .3	36	2,400	12,000
NPF120V	0°	.9 / .8	47	3,200	12,000
NPF120V	0°	.7 / .6	71	4,800	12,000
NPF120V	0°	.9 / .8	93	6,400	12,000
NPF120V	0°	1.1 / 1.0	107	7,200	12,000

Sensor Specifications

- UL Listing:** Suitable for wet locations
- Switching Capacity:** Controls up to 100 watts Fluorescent @ 120 volts
- Voltage:** 120 volts AC, 60Hz
- Time Adjustment:** 5 seconds to 15 minutes
CFL lamps have longer life if Time Adjustment is set to <7 minutes.
- Surge Protection:** Withstands up to 3000 volts
- Quick Test Time:** 5 second test time for fast installation. Works day or night.
- "No Hands" Auto Testing:** Auto mode starts after 4 minutes of testing. No adjustment needed.

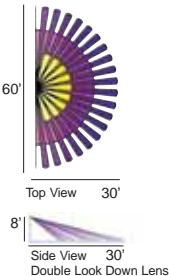
- Manual Override:** Double flip wall switch logic prevents activation by short power outages. Resets after 8 hours. No extra wiring needed.
- Sensor Case Construction:** Precision molded Lexan®
- Vandal Resistant Lens:** Hard lens resists vandalism
- Photoelectric Control:** Deactivates lights during daylight. Fully adjustable for 24 hour operation or custom applications.
- Built for Severe Conditions:** Double weatherproofing for long life
- LED Detection Indicator:** Glows red day and night for "on-guard" deterrence.

Fixture Specifications

- Tallpack:** See pages 28-29
- WP2, WP2C & WP3C Cutoff:** See pages 30-35
- VAN3 & VANS:** See pages 126-127
- Patents:** RAB sensor and fixture designs are protected under U.S. and international intellectual property laws.

www.rabweb.com
 Wiring Diagrams
 Installation Instructions
 Product Specifications

Detection Pattern



New! Fluorescent Smart TallPack™

Tallpack in 28 & 42 watt compact fluorescent with built-in mini sensor for motion activated operation. Vandal resistant polycarbonate housing. Sensor has 180° detection and controls up to 250 watt @120 volts. Minimum starting temperature -20° F for 28w, 0°F for 42w. Lamp supplied.

Finish: Bronze White



• New Design

Smart WP2

Sensor controlled mid size Wallpack for up 84 watts compact fluorescent @120 volts. Sensor has 180° detection. Sensor color matched to fixture. Minimum starting temperature 0° F. Lamp supplied.

Finish: Bronze White



Smart Cutoff

Sensor controlled WP2C for 42 watt compact fluorescent @120 volts. WP3C for 120 watt CFL. Minimum starting temperature 0° F for 42w, -20°F for 120w. Sensor has 180° detection and controls up to 250 watts. Sensor color matched to fixture. Lamp supplied.

Finish: Bronze White



SmartVAN 3,5&6

Sensor controlled Vandalproof fixtures. VAN 3 up to 42 watt CFL. VAN 5 up to 96 watt CFL. VAN6 up to 26 watt CFL @120 volts. Sensor color matched to fixture. Sensor is not vandalproof. Lamp supplied.

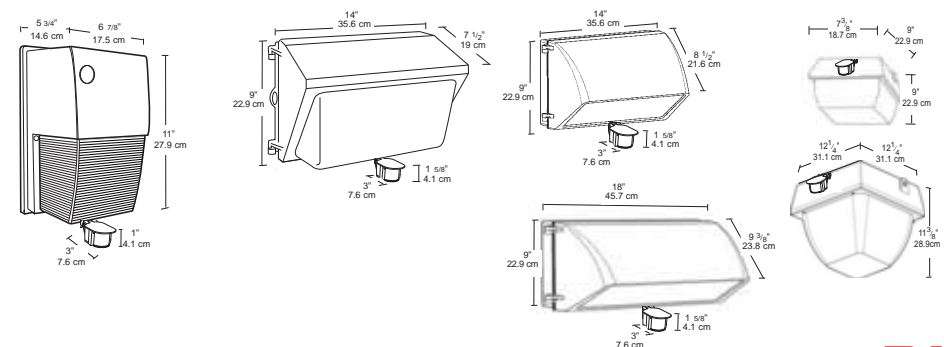
Finish: Bronze White



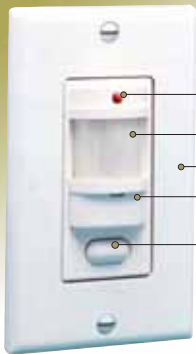
Catalog Numbers - All fixtures are 120 volt only

Bronze	White	Bronze	White	Bronze	White	Bronze	White
WPTF28MS	WPTF28MSW						
WPTF42MS	WPTF42MSW	WP2F42MS	WP2F42MSW	WP2CF42MS	WP2CF42MSW		
		WP2F84MS	WP2F84MSW				
						VAN6F13MS	VAN6F13MSW
						VAN6F26MS	VAN6F26MSW
						VAN3F26MS	VAN3F26MSW
						VAN3F32MS	VAN3F32MSW
						VAN3F42MS	VAN3F42MSW
						VAN5F64MS	VAN5F64MSW
						VAN5F84MS	VAN5F84MSW
						VAN5F96MS	VAN5F96MSW

Dimensions



OCCUPANCY SENSORS SMART SWITCH® WALL MOUNT



- Full 180° view
- LED Detection indicator
- Tough, vandal resistant lens
- Fits decorator wall plates
- Control panel cover only removable with wall plate to prevent tampering
- Manual Off/Auto switch

Time delay control hidden under removable cover



RAB Occupancy Sensors let you...

**"TURN THE
★#◎*&!!
LIGHTS OFF!"**



Winner of Plant Engineering Magazine's Product of the Year!



Control lights in offices for energy savings, convenience and safety.

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications



Specifications

- UL Listing:**
Indoor applications
- Easy Installation:**
Decorator wallplate included. Fits single and multi-gang outlet boxes. Tamper proof control cover. Protrudes from wall only 1/2".
- Maximum Energy Savings:**
Light only when you need it. Lights are never left on by mistake.
- Compatibility:**
Compatible with electronic ballasts. Can be wired in parallel.
- Maximum Reliability:**
Superb small movement sensitivity within 18 feet. LOS1000 has "ZAPS" - Zero Arc Point Switching to protect relay contacts lengthen ballast and sensor life.

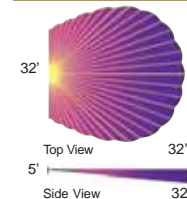
Patents:
The design of the LOS1000 is protected by U.S. Patent D583,688, Canadian Patent D127,111, Mexico Patent 28892, China Patent ZL200830143285.X, and Taiwan patent pending.

**Smart Switch®
LOS800** Occupancy Sensor
Includes decorator wall plate. Only 1/2" protrusion. 120 volts. Gangable. Full 180° view covers 1000 sq. ft. Works with electronic ballasts. Can be wired in parallel. LED indicator, wall plate included. Can also be used as a ceiling sensor. Must have hot and common wires in junction box.

- Finish: White
 Almond
 Ivory

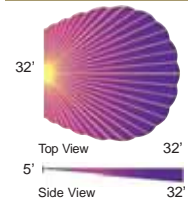


Detection Patterns



New!
**Smart Switch®
LVS800** Vacancy Sensor
Meets California Title 24 standards. Must be turned on manually, but shuts off automatically. Full 180° view covers 1000 sq. ft. Works with electronic ballasts. Can be wired in parallel. LED indicator, wall plate included. Can also be used as a ceiling sensor. Must have hot and common wires in junction box.

- Finish: White
 Almond
 Ivory

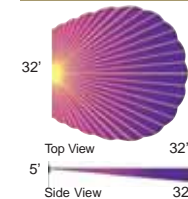


**Smart Switch®
LOS1000**
Includes decorator wall plate. Only 1/2" protrusion. 120 or 277 volts. Gangable. Full 180° view covers 1000 sq. ft. Works with electronic ballasts. Can be wired in parallel. LED indicator, wall plate included. Can also be used as a ceiling sensor. Ground wire required.

- Finish: White
 Ivory



LOS1000 has "ZAPS" Zero Arc Point Switching that protects relay contacts and lengthens ballast and sensor life



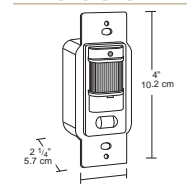
Product Information

Catalog #:	White	Ivory
	LOS800W/120	LOS800I/120
	LOS800W/277	LOS800I/277
	Almond	
	LOS800AL/120	
	LOS800AL/277	
	Order correct voltage for application	
Coverage Area:	1000 sf	
Incandescent & Fluorescent	800 watts @ 120 volts 1200 watts @ 277 volts	
Watts Switched:	6.7 amps @ 120 volts 4.3 amps @ 277 volts	
Ratings:	Negligible 8 seconds to 15 minutes	
Power Consumption:	Off - Auto	
Time Delay:	n/a	
Manual Switch:	Time	
Ambient Light Sensing:	Hot and common. No ground required	
Adjustments:		
Wiring:		
Horsepower:		

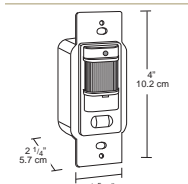
Catalog Numbers

White	Ivory	White	Ivory
LVS800W/120	LVS800I/120	LOS1000W/120	LOS1000I/120
LVS800W/277	LVS800I/277	LOS1000W/277	LOS1000I/277
Almond			
LVS800AL/120			
LVS800AL/277			
		Order correct voltage for application	
		1000 sf	
		800 watts @ 120 volts 1200 watts @ 277 volts	
		6.7 amps @ 120 volts 4.3 amps @ 277 volts	
		Negligible 8 seconds to 15 minutes	
		Manual on - Auto off	
		n/a	
		Time	
		Hot and common. No ground required	
		Ground required 1/6 Horsepower	

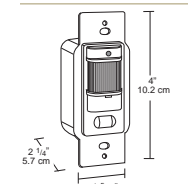
Dimensions



Fits decorator wallplates. Only 1/2" protrusion from wall.



Fits decorator wallplates. Only 1/2" protrusion from wall.



Fits decorator wallplates. Only 1/2" protrusion from wall.

OCCUPANCY SENSORS

SMART SWITCH® CEILING



Turn interior lights off for energy savings, and on for convenience and safety. Choose from a wide range of high quality Commercial Grade sensors.

Super Ceiling Sensor has 3 detectors for Triple Overlapping Coverage to catch small movements = **"Can't Miss" Detection™**



LED testing and operation Indicator

Integral 16 amp power pack simplifies wiring

Controls 2000-2400 watts Incandescent or Fluorescent @ 120 volts

Maximum coverage - 360° degree or hallway models

Relay and sensor all in one unit reduces installation costs

Sensor detection pattern can be customized

Can be wired in parallel

Compatible with electronic ballasts

120 and 277 volt models

RAB Occupancy Sensors let you...

**"TURN THE
★#@*&!!
LIGHTS OFF!"**



"Can't Miss" Tritecton for triple overlapping coverage

Super Ceiling Sensor...
Great Coverage = Happy Customers + No Callbacks

Only One Super Ceiling Sensor needed
Easy to Install - just 3 wires
Relay & Sensor In One

Catches the slightest movement

Triple Overlapping Tritecton for Total Coverage

Or Old Technology
Poor Coverage = Unhappy Customers + Callbacks

Complex multi-point wiring
Needs central control box
Multiple sensors required

Limited uneven coverage

Gaps & spotty coverage leave you waving your arms in the dark!

Specifications

UL Listing:
For indoor applications. Tuff Dome & Smart Box are UL Listed for wet locations.

Easy Installation:
Relay and sensor all in one reduces installation cost. Compatible with electronic ballasts. LED testing and operation indicator.

Maximum Reliability:
Adjustable detector sensitivity for superior detection.

Maximum Versatility:
Adjustable time delay. Sensor detection pattern can be customized. No minimum load requirement. Can be wired in parallel.

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Patents:
RAB sensor designs are protected under U.S. and international intellectual property laws.

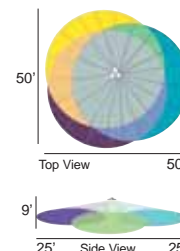
Super Ceiling Sensor LOS2500

360° view Super Ceiling Sensor with Triple Overlapping Coverage for super sensitivity. Integral 16 amp power pack. No extra wires to run or extra boxes to install. Covers 2152 sf @ 9' height. LED detection indicator.

Finish: White



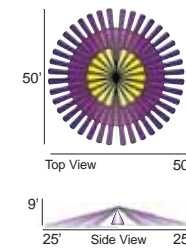
Detection Patterns



Smart Switch® LOS2400

360° view Ceiling Sensor with integral 20 amp power pack. No extra wires to run or extra boxes to install. Covers 2000 sf @ 9' height. LED detection indicators.

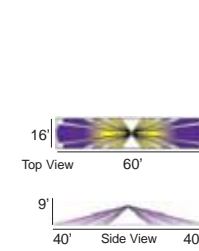
Finish: White



Smart Switch® LOS2400H Hallway

Hallway version of the LOS2400. Integral 20 amp power pack. Covers hallway pattern of 16' x 60'. LED Detection indicators.

Finish: White



Directional Ceiling Smart Switches

The LOS1000 is perfect for ceiling mounting in hallways. Smart Box & Tuff Dome are perfect sensors for ceiling mounting indoors or outdoors. Make sure detection patterns fit your job. Each sensor has a full 180° view.

Finish: White



LOS1000
See page 110



Tuff Dome
See page 102



Smart Box
See page 104

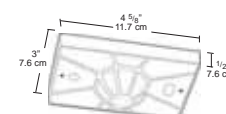
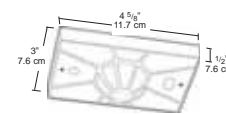
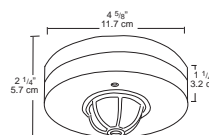
Product Information

	120 Volt	277 Volt
Coverage Area:	2152 sf @ 9'	2152 sf @ 9'
Incandescent Watts Switched:	2000 watts	1500 watts
Fluorescent Watts Switched:	2000 watts	1500 watts
Ratings: Amps	16 amps	5.4 amps
Horsepower	3.35 hp	6.7 hp
Power Consumption:	Negligible	Negligible
Time Delay:	10 secs to 8 mins.	10 secs to 8 mins.
Manual Switch:	None	None
Adjustments:	Photo Time Sensitivity	Photo Time Sensitivity

Catalog Numbers

120 Volt	277 Volt	120 Volt	277 Volt
LOS2500/120	LOS2500/277	LOS2400/120	LOS2400/277
2000 sf @ 9'	2000 sf @ 9'	16' x 60' Hall pattern	16' x 60' Hall pattern
2400 watts	4800 watts	2400 watts	4800 watts
2400 watts	4800 watts	2400 watts	4800 watts
20 amps	20 amps	20 amps	20 amps
1 hp	1 1/2 hp	1 hp	1 1/2 hp
Negligible	Negligible	Negligible	Negligible
6 to 15 mins.	6 to 15 mins.	6 to 15 minutes	6 to 15 minutes
Override key	Override key	Override key	Override key
Time	Time	Time	Time
Sensitivity	Sensitivity	Sensitivity	Sensitivity
		5' wide x 180°	500 watts @ 120 volts
		250 watts @ 120 volts	1.5 amps
			5 amps
			Negligible
			5 seconds to 15 minutes
			None
			Adjustable
			Time, ambient light & sensitivity

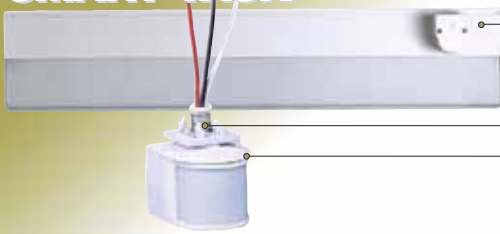
Dimensions



OCCUPANCY SENSORS

SMART TASK

Turn closet, cubicle and kitchen lights on when you're working, off when you're not!



- Motion activated Undercabinet light
- 120° degree by 30' view sensor swivels 330° to aim as needed
- High quality 1" thin undercabinet fixture in a variety of lengths
- Retrofit sensor fits in standard undercabinet fixture switch knockouts
- Adapts existing undercabinet task lights to sensor control
- Easy 3-wire installation
- Controls up to 100 watts Fluorescent
- Time adjustable from 5 seconds to 15 minutes



Mount over the header of walk-in, swing or sliding door closets for instant convenience lighting



Closet lights are on when you need them!



Undercabinet lighting sets the mood and lights the way for an anytime snack.



Control desk lights, radios and computer monitors in addition to undercabinet task lights.

Product Information

Sensor Only:
Fixture w/ sensor:
Fluorescent:
 Lamp supplied with fixture

Lamp Watts	Lamp Type	Lamp Base	Ballast	Initial Lumens	Lamp Hours
2x8	T5	Min Bi-Pin, G5	NPF-120V	800	7500
13	T5	Min Bi-Pin, G5	NPF-120V	870	7500
8	T5	Min Bi-Pin, G5	NPF-120V	400	7500

Sensor Specifications

- UL Listing:**
For indoor applications
- Switching Capacity:**
500 watts Incandescent or 100 watts Fluorescent
- Voltage:**
120 volts AC, 60Hz
- Time Adjustment:**
Adjustable from 5 seconds to 15 minutes
- Sensor Construction:**
Precision molded Lexan
- Detection Zone:**
120 degrees by 30', aimable
- Sensor Wires:**
12" long
- Wall Switch Manual Override:**
Two flip logic prevents activation by momentary power outages. Override resets to auto at dawn. No extra wiring needed.
- Vandal Resistant Lens:**
Hard lens resists vandalism
- Patents:**
RAB sensor and fixture designs are protected under U.S. and international intellectual property laws.

Fixture Specifications

- UL Listing:**
For indoor applications
- Housing:**
Formed sheet metal with translucent styrene lens
- Finish:**
Bright white epoxy powder coating
- Sockets:**
Miniature bi-pin, G5
- Lamps Supplied:**
T5

Info Online 24/7

www.rabweb.com
 Wiring Diagrams
 Installation Instructions
 Product Specifications

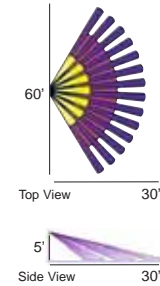
Smart Task Retrofit Kit

Adapts under cabinet task lights to sensor control. Fits into the standard switch knockout. Easy three wire installation. 12" long wires, 180° view sensor swivels 330° for use in most situations. Controls 100 watts Fluorescent.

Finish: White



Detection Pattern



Catalog Numbers

White
 STASK500W

Smart Task 24" Light

Motion activated task light. 24" long, 16 watt fixture with integrated 180° view sensor that swivels 330°. Sensor can control up to 100 watts fluorescent. Lamp supplied.

Finish: White



Smart Task 21" Light

Motion activated task light. 21" long, 13 watt fixture with integrated 180° view sensor that swivels 330°. Sensor can control up to 100 watts fluorescent. Lamp supplied.

Finish: White



Smart Task 12" Light

Motion activated task light. 12" long, 8 watt fixture with integrated 180° view sensor that swivels 330°. Sensor can control up to 100 watts fluorescent. Lamp supplied.

Finish: White



White, 16 Watts, 24"

STASK24W

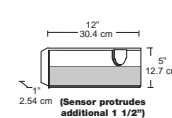
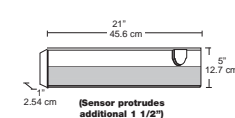
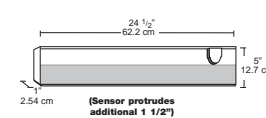
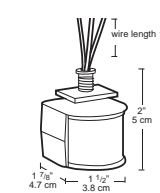
White, 13 Watts, 21"

STASK21W

White, 8 Watts, 12"

STASK12W

Dimensions



R BAY

T5 & T8 LINEAR FLUORESCENT HIGH BAYS



Ideal for large space, energy efficient interior lighting. Great for Factories, Warehouses and more!

Rigid Zstrong™ construction gives the R BAY a flex-free quality you can feel

Post-painted, high reflective powder coat finish (gloss white)

High Performance, highly reflective bevel segmented reflectors

Mounts: Surface or Chain (Y Hooks included)

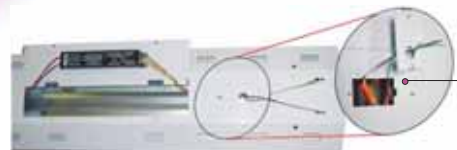
Rotary locking lamp holders for vibration security & easy relamping

Heavy duty steel housing with no sharp edges

Motion sensor and wire guard available

Easy wiring and maintenance with hinged access panel and Quick Connector plug

Strong-Box Foam Case Packaging protects the R BAY so it arrives ready to install



R BAY fixtures are a popular lighting source in warehouses, factories and more!



Product Information

Fluorescent
Lamps not supplied with fixture

Total Watts	Input Volts	Input Amps	Ballast Factor	Input Watts	Ballast Type
4x32W	120-277V	.98/43	0.88	114	Instant Start, HPF
6x32W	120-277V	1.49/65	0.88	173	Instant Start HPF
4x54W	120-277V	2.0/85	1.00	241/236	Programmed Start HPF
6x54W	120-277V	3.0/128	1.00	362/354	Programmed Start HPF

Specifications

UL Listing:
Dry locations.

Rotary Locking Sockets:
Fluorescent
Sockets and lamp bases:
54W - Miniature Bi-Pin
32W - Medium Bi-Pin

Ballast:
T8: Instant Start, Universal Voltage: 120 thru 277V, 0 Deg F Starting Temp. Not suitable for use with occupancy sensors.
T5HO: Programmed Start, High Ambient, Universal Voltage: 120 thru 277V, 0 Deg F Starting Temp, 90 Deg C max case Temp. Suitable for use with occupancy sensors.

Housing:
Heavy duty steel housing. 1/2" knockout conduit entry point at both ends of the housing. Painted white. Easy wiring and maintenance access with hinged panel. Includes "Y" hooks for chain mounting.

Reflector:
High Performance bevel segmented aluminum reflectors.

Lamp: (not supplied)
4' Fluorescent
T5HO or T8 Linear Octron
Sockets and lamp bases:
54W - Miniature Bi-Pin
32W - Medium Bi-Pin

Base:
Medium Bi Pin
Sockets and lamp bases:
54W - Miniature Bi-Pin
32W - Medium Bi-Pin

Patents:
RAB fixture and sensor designs are protected under U.S. and international intellectual property laws.

New!
R BAY 4

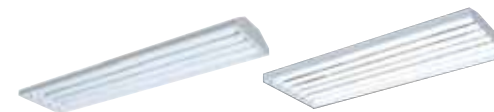
Energy saving, Indoor fixtures for use below 25'. Four lamp model accepts 4' T8 32 Watt lamps or 4' T5HO 54 Watt lamps. Four lamp models available in 4' T8 32W or 4' T5HO 54 Watt lamps (Lamps not included).

Finish: ○ White

New!
R BAY 6

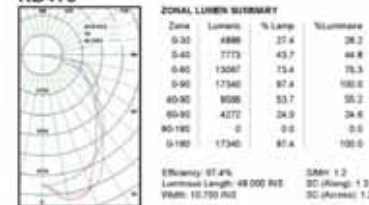
Energy saving, Indoor fixtures for use above 25'. Six lamp model accepts 4' T8 32 Watt lamps or 4' T5HO 54 Watt lamps. Six lamp models available in 4' T8 32W or 4' T5HO 54 Watt lamps. (Lamps not included).

Finish: ○ White

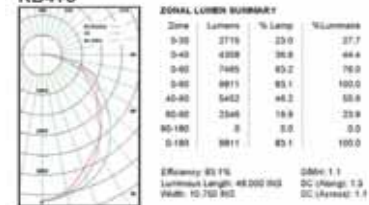


Photometrics

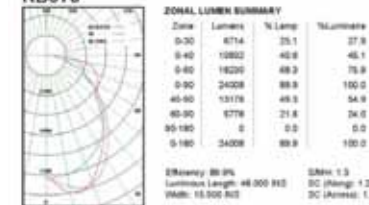
RB4T5



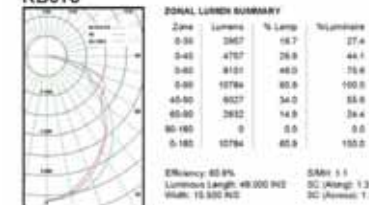
RB4T8



RB6T5



RB6T8



Catalog Numbers

4 Lamp

RB4T8 (T8 Fluorescent High Bay)

RB4T5 (T5HO Fluorescent High Bay)

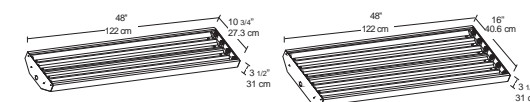
6 Lamp

RB6T8 (T8 Fluorescent High Bay)

RB6T5 (T5HO Fluorescent High Bay)

GDRB4W
GDRB6W

Dimensions



HIGH BAYS



Ideal for large space interior lighting like warehouses, factories, gyms and more.

Rugged hook/loop with 3' cord for easy installation

Safety Chain included

Heavy duty die cast housing

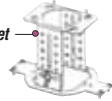
Pulse rated Mogul Base Socket for open rated lamps

7 Position adjustable bracket on High Bays

Spun semi specular anodized aluminum

Open Rated Lamp supplied

Clear acrylic Lexalite Reflexor® prismatic refractor for long term resistance to yellowing



Temporary HID

250w: BTH250GPSQ Metal Halide

400w: BTH400GPSQ Metal Halide



Hi Bay fixtures are a popular lighting source in warehouses



Complies with EISA 2007

Product Information

	Total Watts	Lamp Type	Lamp Base	Ballast
Metal Halide	250	ED28	Mogul	CWA HPF QT
MH	400	ED37	Mogul	CWA HPF QT

E = Pulse Start

	Starting Amps / Operating Amps			
	120V	208V	240V	277V
1.4 / 2.5	8 / 1.5	7 / 1.3	6 / 1.1	
3.5 / 4.0	2.0 / 2.3	1.8 / 2.0	1.5 / 1.8	

Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours
295	M153/0	23,800	15,000
458	M155/0	41,000	20,000

Specifications:

UL Listing: Damp locations. UL and cUL listed for 40°C (104°F) ambient temperature. Minimum starting temperature -40°C (-40°F)

Socket: MH 4KV/Pulse Rated Mogul Base Socket for open rated lamps

Ballast: Quad-Tap CWA Pulse Start Ballast (120/208/240/277 Volts)

Housing: Die cast aluminum housing and wiring box with 1/2" NPS knockouts and easy leveling adjustment. Painted white with 3' cord, hook/loop and safety chain.

Refractor: (Prismatic) 7 distribution patterns for precise control with 7 position adjustable bracket on High Bay only. Clear Acrylic Lexalite Reflexor® prismatic refractor for long-term resistance to yellowing.

Reflector: (Aluminum) Prismatic: 7 distribution patterns for precise control with 7 position adjustable bracket on High Bay only. Spun semi-specular anodized aluminum.

Drop Lens: Clear Acrylic fastened with clamp band
Lamp: (supplied) MH Mogul Base Up, Open Rated BT37

Patents: The design of the RAB High and Low Bays is protected by U.S. Patents D582600 and D583980, Canadian Patent D125028 and D124992, China Patents ZL200830119857.0 and ZL200830119856.6, Taiwan patents pending.

Info Online 24/7

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

New!

16" High Bay Prismatic

Indoor fixtures for use above 25'. 16" unit for 250w Pulse Start Metal Halide. Die cast aluminum housing and wiring box. Clear acrylic Lexalite Reflexor® prismatic refractor. Ballast and lamp supplied.

Finish: ○ White



New!

22" High Bay Prismatic

Indoor fixtures for use above 25'. 22" unit for 400w Pulse Start Metal Halide. Die cast aluminum housing and wiring box. Clear acrylic Lexalite Reflexor® prismatic refractor. Ballast and lamp supplied.

Finish: ○ White



New!

16" High Bay Aluminum

Indoor fixtures for use above 25'. 16" units for 250w Metal Halide. Die cast aluminum housing and wiring box and semi-specular anodized aluminum refractor. Ballast and lamp supplied.

Finish: ○ White
○ Anodized Aluminum



New!

22" High Bay Aluminum

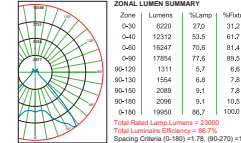
Indoor fixtures for use above 25'. 22" units for 400w Metal Halide. Die cast aluminum housing and wiring box and semi-specular anodized aluminum refractor. Ballast and lamp supplied.

Finish: ○ White
○ Anodized Aluminum

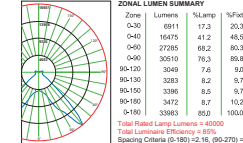


Photometrics

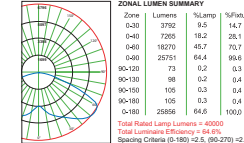
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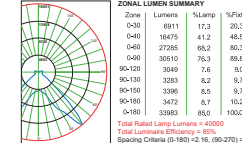
BHH400P22PSQ



BHH400A16PSQ



BHH400A22PSQ



Additional Photometrics and lighting layouts available online at www.rabweb.com

Catalog Numbers

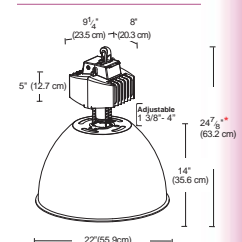
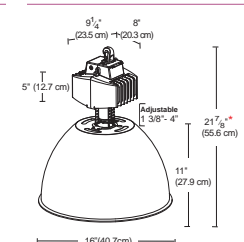
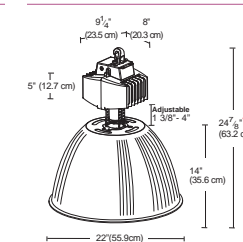
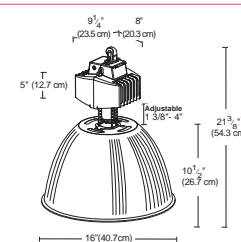
BHH250P16PSQ

BHH400P22PSQ

BHH250A16PSQ
BHH400A16PSQ

BHH250A22PSQ
BHH400A22PSQ

Dimensions



*Dimension calculated based on 1 3/8" bracket position

*Dimension calculated based on 1 3/8" bracket position

*Dimension calculated based on 1 3/8" bracket position

*Dimension calculated based on 1 3/8" bracket position

LOW BAYS

Ideal for large space interior lighting like warehouses, factories, gyms and more.



Rugged hook/loop with 3' cord for easy installation

Safety Chain included

Heavy duty die cast housing

Pulse rated Mogul Base Socket for open rated lamps

Spun semi specular anodized aluminum

Open Rated Lamp supplied

Clear acrylic Lexalite Reflector® prismatic refractor for long term resistance to yellowing



Temporary HID

250w: BTH250GPSQ Metal Halide

400w: BTH400GPSQ Metal Halide



Low Bay fixtures are a popular lighting source in gyms



Complies with EISA 2007

Product Information

Metal Halide	Total Watts	Lamp Type	Lamp Base	Ballast
Lamp supplied with fixture	250	ED28	Mogul	CWA HPF QT
	400	ED37	Mogul	CWA HPF QT

ⓔ = Pulse Start

Starting Amps / Operating Amps	Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours
120V 208V 240V 277V				
1.4 / 2.5 8 / 1.5 7 / 1.3 6 / 1.1	235	M153/0	23,800	15,000
3.5 / 4.0 2.0 / 2.3 1.8 / 2.0 1.5 / 1.8	458	M155/0	41,000	20,000

Specifications

UL Listing:
Damp locations. UL and cUL listed for 40°C (104°F) ambient temperature. Minimum starting temperature -40°C (-40°F)

Socket:
MH
4KVPulse Rated Mogul Base Socket for open rated lamps

Ballast:
Quad - Tap CWA Pulse Start Ballast (120/208/240/277 Volts)

Housing:
Die cast aluminum housing and wiring box with 1/2" NPS knockouts and easy leveling adjustment. Painted white with 3' cord, hook/loop and safety chain.

Refractor: (Prismatic)
7 distribution patterns for precise control with 7 position adjustable bracket on High Bay only. Clear Acrylic Lexalite Reflector® prismatic refractor for long-term resistance to yellowing.

Refractor: (Aluminum)
Prismatic: 7 distribution patterns for precise control with 7 position adjustable bracket on High Bay only. Spun semi-specular anodized aluminum.

Drop Lens:
Clear Acrylic fastened with clamp band

Lamp: (supplied)
MH
Mogul Base Up, Open Rated BT37

Patents:
The design of the RAB High and Low Bays is protected by U.S. Patents D582800 and D583980, Canadian Patent D125028 and D124992, China Patents ZL200830119857.0 and ZL200830119856.6, Taiwan patents pending.

Info Online 24/7

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

New! 16" Low Bay Prismatic

Indoor fixtures for use below 25'. 16" unit for 250w Metal Halide. Die cast aluminum housing and wiring box. Clear acrylic Lexalite Reflector® prismatic refractor. Ballast and lamp supplied.

Finish: ○ White



New! 22" Low Bay Prismatic

Indoor fixtures for use below 25'. 22" unit for 400w Metal Halide. Die cast aluminum housing and wiring box. Clear acrylic Lexalite Reflector® prismatic refractor. Ballast and lamp supplied.

Finish: ○ White



New! 16" Low Bay Aluminum

Indoor fixtures for use below 25'. 16" units for 250w Metal Halide and HPS. Die cast aluminum housing, wiring box and semi-specular anodized aluminum refractor. Ballast and lamp supplied.

Finish: ○ White



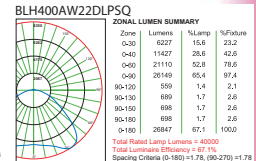
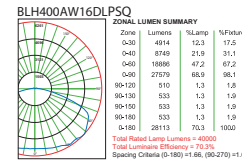
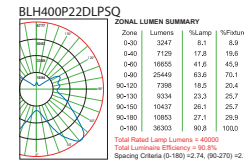
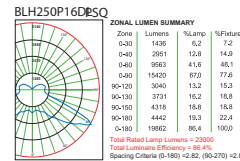
New! 22" Low Bay Aluminum

Indoor fixtures for use below 25'. 22" units for 400w Metal Halide and HPS. Die cast aluminum housing, wiring box and semi-specular anodized aluminum refractor. Ballast and lamp supplied.

Finish: ○ White



Photometrics



Additional Photometrics and lighting layouts available online at www.rabweb.com

Catalog Numbers

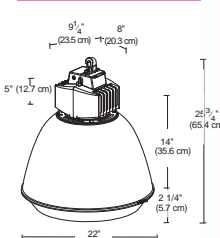
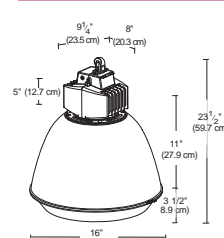
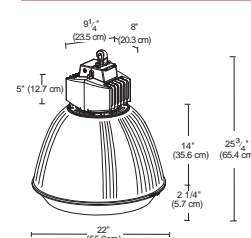
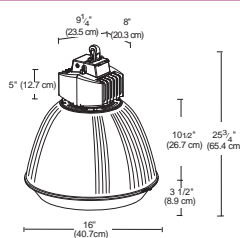
BLH250P16DLPQ

BLH400P22DLPQ

BLH250AW16DLPQ
BLH400AW16DLPQ

BLH250AW22DLPQ
BLH400AW22DLPQ

Dimensions



VANDALPROOF LIGHTS



Ideal for high abuse areas in public buildings, schools, garages and parks.

Available in Bronze and White

Both Vandalproof Center Pin Torx and slotted Phillips head screws supplied

Die cast aluminum housing

Stainless Steel hardware

Tough polycarbonate refractor

Vertical HID Lamp

Improved heat control

Field adjustable 4 way Glare Guard



VANS GLARE STOPPER



Fully adjustable from total to zero light cutoff.



Product Information

Total Watts	Lamp Type	Lamp Base	Ballast	Starting Amps / Operating Amps				Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours	
				120V	208V	240V	277V					
Compact Fluorescent												
Lamp supplied with fixture												
26	26w Triple	GX24q-3	Electronic QT	0.3	0.2	0.13	0.11	29		1,800	12,000	
32	32w Triple	GX24q-3	Electronic QT	0.3	0.2	0.2	0.13	36		2,400	12,000	
42	42w Triple	GX24q-4	Electronic QT	0.4	0.25	0.2	0.17	48		3,200	12,000	
64	2-32w Triple	GX24q-3	Electronic QT	0.5	0.5	0.4	0.3	72		4,800	12,000	
84	2-42w Triple	GX24q-4	Electronic QT	0.6	0.6	0.5	0.4	92		6,400	12,000	
96	3-32w Triple	GX24q-3	Electronic QT	0.8	0.7	0.5	0.4	108		9,600	12,000	
High Pressure Sodium												
Lamp supplied with fixture												
35	ED17	Med	R-NPF 120V	1.4	1/8			46	S76	2,300	24,000	
50	ED17	Med	R-NPF 120V	1.8	1/2			62	S68	4,000	24,000	
70	ED17	Med	R-NPF 120V	2.3	1/7			86	S62	6,300	24,000	
100	ED17	Med	R-NPF 120V	3.0	2/5			115	S54	9,500	24,000	
100	ED17	Med	HX-HPF QT	0.9	1.1	0.6	0.6	115	S54	9,500	24,000	
150	ED17	Med	R-NPF 120V	4.0	2/6			170	S55	16,000	24,000	
150	ED17	Med	HX-HPF QT	1.6	1/6	0.9	0.8	188	S55	16,000	24,000	
Metal Halide												
Lamp supplied with fixture												
For UV coated lamp, consult factory												
P5*	50	ED17	Med	HX-HPF 120V	0.8	0.6	0.4	0.4	69	M110	3,400	10,000
P5*	70	ED17	Med	HX-HPF QT	0.7	0.8	0.4	0.5	90	M98	5,600	15,000
P5*	100	ED17	Med	HX-HPF QT	1.0	1.2	0.6	0.7	129	M90	9,000	15,000
P5*	125	ED17	Med	CWA QT	0.9	1.3	0.5	0.7	150	M150	12,000	11,250
P5*	150	ED17	Med	CWA QT	1.4	1.7	1.0	1.0	190	M102	14,000	11,250
P5*	150	ED17	Med	CWA-HPF QT	1.3	1.8	0.8	1.0	185	M107	12,500	10,000

Factory Installed Options	Photocell - specify voltage
Add suffix to catalog number	Mini Motion Sensor (for CFL 120v only)
	Quartz Restrike
	Emergency Battery Backup 120V: (single lamp 42w max)
	277V: VANS CFL only

Specifications

UL Listing: Suitable for wet locations. Fixtures can be wired with 90°C supply wiring if supply wires are routed 3" away from ballast.

Sockets: HPS & MH Medium base 4kv Pulse Rated Glazed porcelain CFL Plug-in type, thermoplastic

Refractor: Injection molded polycarbonate, designed for maximum structural strength.

HID Quartz restrike: Add suffix "QR" to Van3 (50w restrike) or Vans (100w restrike) for HOT restrike. Provides immediate illumination in case of momentary power failure.

Housings: Die cast aluminum with powder coat bronze or white finish.

Screws: Tamperproof center pin Torx-head and slotted Phillips head stainless steel screws provided. Be sure to order your Torx screwdriver (Catalog #VANDRIVER).

Factory Installed Accessories
 Quartz Restrike;
 Add suffix "QR" for VAN3 & VANS HID only
 Mini Motion Sensor;
 Add suffix "MS" for VAN 3 & VAN 5 Fluorescent 120v only, 180° detection. For sensor details, see page 104.
 Photocell;
 Add suffix: "/PC" for button photocell /PCS for swivel photocell.
 VANS & VANS only

Reflectors / Backplate: Heavy gauge cold rolled steel with high reflectance baked white enamel.

Fluorescent Ballast Starting Temperatures: Electronic QT: 0°F / -18°C

Emergency Battery Back Up: Bodine "Coldpak" will operate the VANS 42watt CFL lamp for 90 minutes if power fails. Rated -20°C to +55°C. Battery is a maintenance free NiCad with 7-10 year life. For VANS CFL only.

Patents: The design of the VANS is protected by U.S. Patent D547484, Canadian Patent D115523, China Patent ZL200630133218.0 and Taiwan Patent D121295.

VAN3 CFL, MH & HPS

Medium size ceiling mount fixture: 26, 32 and 42 watt compact fluorescent or 35, 50 and 70 watt HPS, 50 and 70 watt Metal Halide. Housing is die cast aluminum with clear vandalproof polycarbonate refractor. Photocell, Sensor (CFL 120v only) and Quartz Restrike (HPS & MH only) models available. Lamps supplied.

Finish: ● Bronze ○ White



Catalog Numbers

Bronze	White
VAN3F26QT	VAN3F26QTW
VAN3F32QT	VAN3F32QTW
VAN3F42QT	VAN3F42QTW
VAN3S35	VAN3S35W
VAN3S50	VAN3S50W
VAN3S70	VAN3S70W
VAN3HH50	VAN3HH50W
VAN3HH70QT	VAN3HH70QTW
/PC for Button Photocell /PCS for Swivel /MS for Mini Motion Sensor (CFL 120v only) /QR for Quartz Restrike (HPS & MH only)	

VAN5™ MH & HPS

Large size ceiling mount fixture: Vertical lamp HID. Adjustable, 4-way glare guard & "No Bend" conduit entrance. Excellent heat control eliminates heat problems. Housing is die cast aluminum with clear vandalproof polycarbonate refractor. Lamps supplied.

Finish: ● Bronze ○ White



VAN5™ CFL

Large size ceiling mount fixture: Horizontal CFL lamps. "No Bend" conduit entrance. Housing is die cast aluminum with clear vandalproof polycarbonate refractor. Available with Emergency Battery Backup option with 42 watt CFL Lamps supplied.

Finish: ● Bronze ○ White



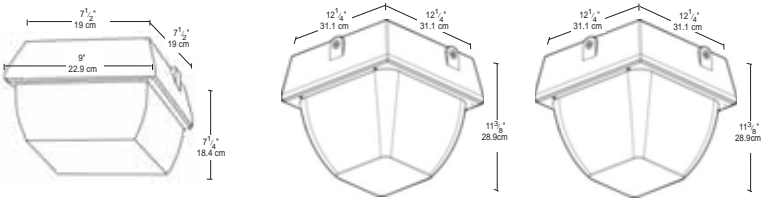
Bronze	White	Bronze	White
VAN5F64QT	VAN5F64QTW	VAN5F84QT	VAN5F84QTW
VAN5F96QT	VAN5F96QTW		
VAN5S100	VAN5S100W	VAN5SH100QT	VAN5SH100QTW
VAN5S150	VAN5S150W	VAN5SH150QT	VAN5SH150QTW
VAN5HH100QT	VAN5HH100QTW	VAN5HH125PSQ	VAN5HH125PSQW
VAN5HH150PSQ	VAN5HH150PSQW	VAN5HH150QT	VAN5HH150QTW
/PC for Button Photocell /PCS for Swivel /MS for Mini Motion Sensor (CFL 120v only) /QR for Quartz Restrike (HPS & MH only)			
/E1			
/E2			

Photometrics

See pages 170-177 for Photometrics

www.rabweb.com
 Spec sheets • EZ Lighting Layouts
 Photometrics • Wiring Diagrams
 IES Files • Installation Instructions

Dimensions



VANDALPROOF LIGHTS



Ideal for high abuse areas in public buildings, schools, condos, garages and parks.



Garage Lighters provide safety and security in parking garages

Die formed heavy gauge steel reflectors

Tough polycarbonate refractors

Both Vandalproof Center Pin Torx & slotted Phillips head screws supplied

Fast Delivery. Call RAB when you need it NOW!



PULSE START
High Efficiency Metal Halide

Product Information

	Total Watts	Lamp Type	Lamp Base	Ballast	Starting Amps / Operating Amps			
					120V	208V	240V	277V
Compact Fluorescent Lamp supplied with fixture	26	2-13w Twin	GX23	NPF 120V	0.3	0.2	0.1	0.1
	52	2-26w Triple	GX24q-3	Electronic QT	0.6	0.4	0.2	0.2
	64	2-32w Triple	GX24q-3	Electronic QT	0.6	0.5	0.4	0.3
High Pressure Sodium Lamp supplied with fixture	35	ED17	Med	R-NPF 120V	1.4	1.1		
	50	ED17	Med	R-NPF 120V	1.8	1.2		
	70	ED17	Med	R-NPF 120V	2.3	1.7		
	100	ED17	Med	R-NPF 120V	3.0	2.5		
	150	ED17	Med	R-NPF 120V	4.0	2.6		
	150	ED17	Med	HX-HPF QT	1.6	1.6	.9	0.8
Metal Halide Lamp supplied with fixture	PS* 50	ED17	Med	HX-HPF QT	0.6	0.6	0.4	0.3
	PS* 70	ED17	Med	HX-HPF QT	0.7	0.8	0.4	0.4
	PS* 100	ED17	Med	HX-HPF QT	1.0	1.2	0.5	0.6
	PS* 150	ED17	Med	CWA-HPF QT	1.3	1.8	0.8	1.0
Incandescent Lamp not supplied	60	A19	Med					
	75	A19	Med					
	120	2-60W A-19	Med					
Induction Lamp supplied with fixture	55		Twist	Elec HPF 120V				
	85		Twist	Elec HPF 120V				

Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours	Starting Amps / Operating Amps			
				120V	208V	240V	277V
29		1,800	12,000				
58		3,600	12,000				
46		4,800	12,000				
46	S76	2,250	24,000				
62	S68	4,000	24,000				
86	S62	6,300	24,000				
115	S64	9,500	24,000				
170	S55	16,000	24,000				
188	S55	16,000	24,000				
68	M110	3,400	10,000				
90	M98	5,600	15,000				
129	M90	9,000	15,000				
185	M107	12,500	10,000				
		890	750				
		1,210	750				
		1,780	750				
		2,420	750				
55		3,500	100,000				
85		6,000	100,000				

Factory Installed Options
Add suffix to catalog number

Mounting Back Box
Button Photocell /PC
Swivel Photocell /PCS
Mini Motion Sensor
Emergency Battery Backup-42w CFL

Specify photocell voltage
Specify photocell voltage
/MS (For Compact Fluorescent 120v only)
120V:
277V:



Garage Lighter™

15" round die cast aluminum housing with vandalproof refractor for optimum parking garage light distribution. 150 or 175w vertical mount Metal Halide or 100,000 hour Induction. Lamp supplied.

Finish: ● Bronze
○ White



CFL & Incand. VAN11 & 15

11" or 15" round fixture, 52 and 64 watt compact fluorescent or 75 or 150 watt incandescent. Backplate is die formed heavy gauge steel in white finish with clear vandalproof polycarbonate refractor. Fluorescent lamp supplied. Incandescent lamp not supplied.

Finish: ○ White



HPS & MH VAN11 & 15

11" or 15" round fixture, 35, 50, 70, 100 & 150 watt HPS or 50, 70 and 100 watt Metal Halide. Housing is die formed heavy gauge aluminum in bronze enamel finish with clear vandalproof polycarbonate refractor. Fluorescent lamp supplied. Incandescent lamp not supplied.

Finish: ● Bronze



Catalog Numbers

Bronze	White
VANGS150QT	VANGS150QTW
VANGH150QT	VANGH150QTW
/PC /PCS	/PC /PCS
VANGF42QT/E1 VANGF42QT/E2	

11" Round	15" Round
VAN11F26 VAN11F52QT	VAN15F52QT VAN15F64QT
VAN111	VAN15I
VAN111120	VAN15I150
VAN11BB	VAN15BB

11" Round	15" Round
VAN11S35 VAN11S50 VAN11S70	VAN15S35 VAN15S50 VAN15S70 VAN15S100 VAN15S150
VAN11HH50 VAN11HH70QT	VAN15HH100QT
/PC /PCS	/PC /PCS

Specifications

UL Listing:
Suitable for wet locations. Fixtures can be wired with 90°C supply wiring if supply wires are routed 3" away from ballast.

Sockets:
HPS & MH
Medium base 4kv Pulse Rated Glazed porcelain
CFL
Plug-in type, thermoplastic

Refractor:
Injection molded polycarbonate, designed for maximum structural strength.

VANG Housing:
Die cast aluminum with powder coat bronze or white finish.

Screws:
Tamperproof center pin Torx-head and slotted Phillips head stainless steel screws provided. Be sure to order your Torx screwdriver (catalog #VANDRIVER).

Reflectors / Backplate:
Heavy gauge cold rolled steel with high reflectance baked white enamel.

Factory Installed Accessories
Photocell. Add suffix: "PC" for button photocell /PCS for swivel photocell

VAN11/15 Housings:
Spun aluminum with powder coat

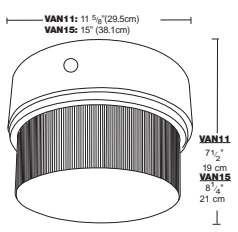
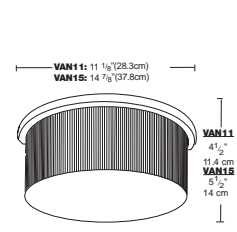
Emergency Battery Backup
Bodine "Coldpak" will operate the VANG 42watt CFL lamp for 90 minutes if power fails. Rated -20°C to +55°C. Battery is a maintenance free NiCad with 7-10 year life.

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Photometrics

See pages 170-177 for Photometrics

Dimensions

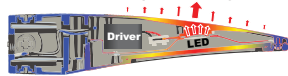


BLED™ LED BOLLARD



An attractive and economical way to light walks!

Excellent Heat Dissipation = Longer Life



Innovative, affordable and functional LED Bollards are full cutoff fixtures that bring you 50,000 hours of dependable, low cost energy efficient lighting. Great for pathways!

**BLED10 is equivalent to 70 watt HPS
BLED13 and BLED20 is equivalent to a 150 watt Metal Halide**

LED Light Engine of 50,000 hours

Buy with confidence



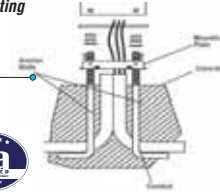
**Auto voltage sensing drivers.
10 watt up to 240 volts. 13 & 20 watt up to 277 volts**



**Die cast aluminum lens frame
with tempered glass and double gasketing**

Available in cool or warm light

Easy mounting system



Anodized reflector

Fully Shielded Full Cutoff Optics



Weatherproof high temperature silicone gaskets

**Bollards come packed in a 8" diameter 45" tall
concrete pour tube**



Product Information

LED LIGHT ENGINE	Lamp Watts	Input Watts	Voltage
Included with fixture	10	13.3	100-240
	10	13.3	100-240
	13	15	100-240, 277
	13	15	100-240, 277
	20	22	100-240, 277
	20	22	100-240, 277

Accessories

Lamp Type	Initial Lumens	Lumens per Watt	Operating Hours	CRI	Color Temperature
LED	547	41	50,000	92	Cool 5200K
LED	542	41	50,000	45	Warm (Y) 2900K
LED	1064	71	50,000	66	Cool 4800K
LED	662	44	50,000	87	Warm (Y) 3000K
LED	1401*	65	50,000	70	Cool 5500K
LED	985*	45	50,000	71	Warm (Y) 2700K

*Consult factory for lumen output

Specifications

UL Listing:
Suitable for wet locations. Suitable for mounting within 4' of the ground.

LED Light Engine:
Multi-chip 10W high output long life LED

10W Driver: Constant Current, Class 2, 120V-240V, 50/60 Hz, 1kv Surge Protection, 350mA, 2-1 Amps

13W Driver: Constant Current, Class 2, 720mA, 50/60 Hz, 4kv Surge Protection, 100-240VAC, .3-1.5 Amps, 277VAC, .15 Amps

20W Driver: Constant Current, 1000mA, Class 2, 100V-277V, 47/63 Hz, 1kv Surge Protection, 100-240VAC, 5 Amps, 277VAC, .125 Amps

Heatsink:
Cast aluminum thermal management system for optimal heat sinking. The BLED is designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

Lumen Maintenance:
The LED will deliver 70% of its initial lumens at 50,000 hours of operation.

Housing and Lens Frame:
Precision die cast aluminum housing, lens frame

Gaskets:
High temperature silicone

Finish:
White or Bronze chip and fade resistant polyester powder coat finish

Green Technology:
RAB LEDs are Mercury and UV free

California Title 24:
BLED complies with California Title 24 building and electrical codes

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires are tested by independent laboratories in accordance with IESNA LM-79 and have received the Department of Energy "Lighting Facts" label. LM-80 lumen depreciation test results are available upon request.

Patents:
The design of the LED Bollard is protected by U.S. patents D599,050, D599,049, D608,040, D615,689 and patents pending in Canada, China and Taiwan.

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

New!

BLED10 Bollard BLED13 Bollard

42" high rectangular Bollard with (1) 10 Watt (equivalent to a 70 watt HPS) or 13 Watt (equivalent to a 150 watt MH) LED fixture for low level lighting applications. Great for pathway lighting! IESNA Full Cutoff, Fully Shielded optics. 5 year warranty.

Finish: ● Bronze
○ White



New!

BLED10x2 Bollard BLED13x2 Bollard

42" high rectangular Bollard with (2) 10 Watt (equivalent to 2 70 watt HPS) or 13 Watt (equivalent to 2 150 watt MH) LED fixture for low level lighting applications. Great for pathway lighting! IESNA Full Cutoff, Fully Shielded optics. 5 year warranty.

Finish: ● Bronze
○ White



New!

BLED20 Bollard

42" high rectangular Bollard with (1) 20 Watt LED fixture for low level lighting applications. Equivalent to a 150 watt MH. Great for pathway lighting! IESNA Full Cutoff, Fully Shielded optics. 5 year warranty.

Finish: ● Bronze
○ White



New!

BLED20x2 Bollard

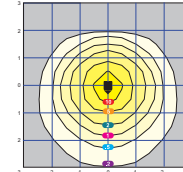
42" high rectangular Bollard with (1) 20 Watt LED fixture for low level lighting applications. Equivalent to 2 150 watt MH. Great for pathway lighting! IESNA Full Cutoff, Fully Shielded optics. 5 year warranty.

Finish: ● Bronze
○ White



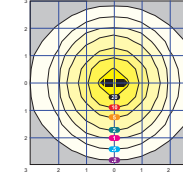
Photometrics (See Pg. 174 for 13w Photometrics)

10w LED @ 3.5' Mounting Height



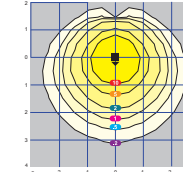
Multiples of Mounting Height - Values shown in Footcandles

2x10w LED @ 3.5' Mounting Height



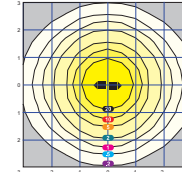
Multiples of Mounting Height - Values shown in Footcandles

20w LED @ 3.5' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

2x20w LED @ 3.5' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

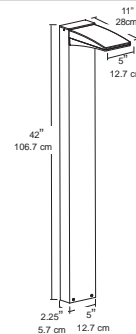
Catalog Numbers

10W BOLLARD	13W BOLLARD
BLED10	
BLED10Y	
	BLED13
	BLED13Y

GDWPLP

NOTE: Add suffix W for white
Example: BLED10W

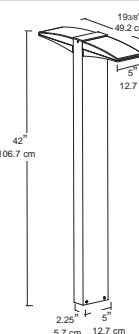
Dimensions



10W 2 FIXTURE BOLLARD	13W 2 FIXTURE BOLLARD
BLED2x10	
BLED2x10Y	
	BLED2x13
	BLED2x13Y

(2) GDWPLP

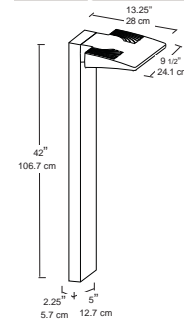
NOTE: Add suffix W for white
Example: BLED2x10W



20W BOLLARD
BLED20
BLED20Y
GDWPL20P

(2) GDWPLP

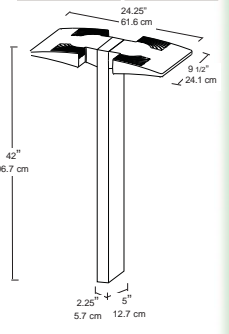
NOTE: Add suffix W for white
Example: BLED20W



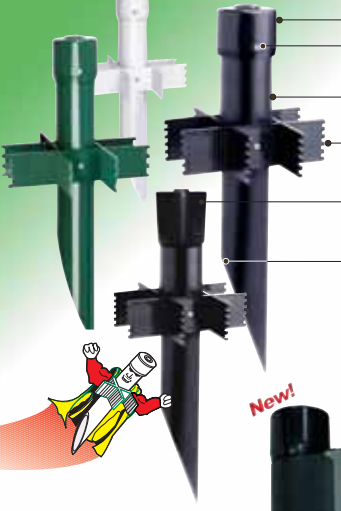
20W 2 FIXTURE BOLLARD
BLED2x20
BLED2x20Y
(2) GDWPL20P

(2) GDWPLP

NOTE: Add suffix W for white
Example: BLED2x20W



LANDSCAPE MIGHTY POSTS



Sturdy PVC mounting posts won't break, rot or rust!

Cleanly styled molded PVC cap
Set screw locks cap to post

Rugged extruded PVC pipe

Sturdy "Ground Grabber" stabilizer with teeth and ribs for maximum stability

Extra rugged 19" PVC post with Die cast aluminum cap to hold heavier HID floods securely

Rounded edges protect wires

1/2" threaded hole fits standard floodlights & lawn lights

Internal seal provides weatherproof fit

Thick wall PVC post with molded-in color: Black, White or Verde Green

Post Adapter lets you add outlets and sensors. See page 134

New!

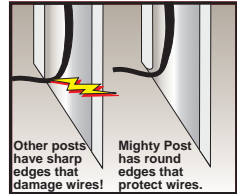


New In-Use Covers are Turtle Tough!

MIGHTY POST SELECTOR CHART

Fixture Series	Fixture Weight (lbs)	MP17	MP19	MPM19	MP25
Quartz Flood					
QF150	1	✓	✓		
OB1	1	✓	✓		
QF200	2	✓	✓		
QF500/300	2			✓	
QF1500	8				✓
Landscape					
LFM16/LFP16	1	✓	✓	✓	
H101/HB101	2	✓	✓	✓	
LF20	2	✓	✓	✓	
PLF	2	✓	✓	✓	
LL	3	✓	✓	✓	
LLD	4				✓
HID Flood					
FF	8		✓	✓	✓
EZ	17		✓	✓	✓
FlexFlood	20		✓	✓	✓
EZ or FX Tilted Back	20		✓	✓	✓

Your wire's not lost with Mighty Post!



Other posts have sharp edges that damage wires!
Mighty Post has round edges that protect wires.

Mini-Mighty Post

17" PVC mounting post for lighter weight ground mounted landscape lighting. Post is 2" pipe (2 3/8" O.D.) for cleaner look. In-ground stabilizing grid included.

Finish: ● Black
○ White
● Verde Green



Mighty Post

Sturdy 19" PVC mounting post for ground mounted landscape lighting. Perfect for Lawn Lights, PAR-38 and Quartz Floods. Post is 2 1/2" pipe (2 7/8" O.D.) In-ground stabilizing grid included. Available with PVC Cap or metal cap for heavier fixtures.

Finish: ● Black
○ White
● Verde Green



PVC post w/ metal cap
CAT# MPM19B

Maxi-Mighty Post

Extra long 25" PVC mounting post for ground mounted HID landscape lighting. Perfect for heavier HPS and Metal Halide Floodlights. Post is 2 1/2" pipe (2 7/8" O.D.) In-ground stabilizing grid included.

Finish: ● Black
○ White
● Verde Green



PVC Mighty Caps

PVC caps for replacement or making Do-It-Yourself Mighty Posts. Fits standard 2" (2 3/8" O.D.) or 2 1/2" pipe (2 7/8" O.D.) Fixtures with ground wire must be used. Cut the pipe yourself and save!

Finish: ● Black
○ White
● Verde Green



Mighty Post provides solid mounting for lawn lights & floodlights.

Metal Mighty Caps

Die cast aluminum caps for replacement or making Do-It-Yourself Mighty Posts. Fits standard 2" (2 3/8" O.D.) or 2 1/2" pipe (2 7/8" O.D.) PVC pipe. Has a bare copper ground wire. Cut the pipe yourself and save!

Finish: ● Black
○ White
● Verde Green



A convenient mounting for landscape lighting sensors. See page 104.

Catalog Numbers

Cap	Black	White	Verde Green
PVC	MP17B	MP17W	MP17VG
Metal			

Black	White	Verde Green
MP19B	MP19W	MP19VG
MPM19B	MPM19W	MPM19VG

Black	White	Verde Green
MP25B	MP25W	MP25VG

Black	White	Verde Green
2" MCAP2B	MCAP2W	MCAP2VG
2 1/2" MCAP3B	MCAP3W	MCAP3VG

Black	White	Verde Green
MMCAP2B	MMCAP2W	MMCAP2VG
MMCAP3B	MMCAP3W	MMCAP3VG

Specifications

UL Listing:
Suitable for wet locations.
Fixtures with ground wire must be used

Post Material:
UL Schedule 40 PVC pipe

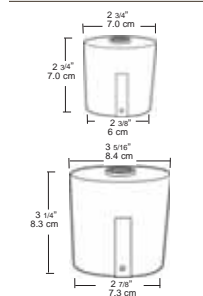
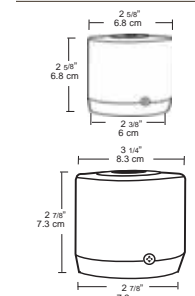
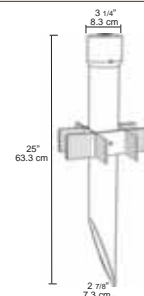
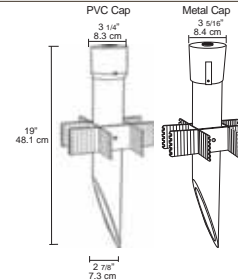
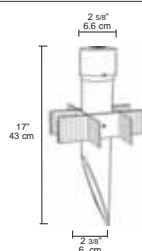
Set Screw:
Locks cap to post and prevents rotation

Patents:
The designs of the Mighty Post, Mighty Post Adapter, Turtle Cover and Turtle Power Post are protected by U.S. Patents D424524, D573096, D590870 and D533510, Canadian Patents 114443, 114502 and 114465, China Patents ZL200530121694.6, ZL200530121693.1 and ZL200530143366.6, Taiwan patents D116785, D116786 and D114568.

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Dimensions

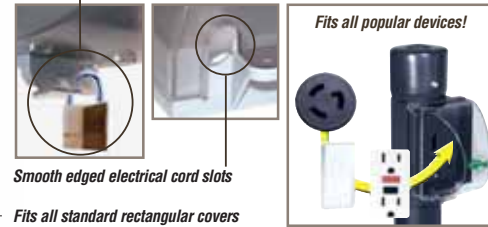


LANDSCAPE MIGHTY POST ADAPTER In-Use Cover



In-Use weatherproof covers are great for protecting electrical outlets in all kinds of weather.

Clear PVC plastic Turtle cover with lockable latch



Smooth edged electrical cord slots

Fits all standard rectangular covers

Mighty Post Adapter extends post height to keep outlets above plants and snow

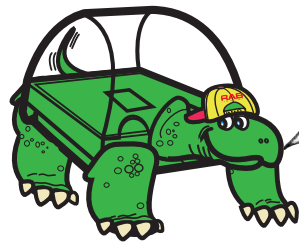
Durable molded ABS Post Adapter

Close up plug included

Post Adapter Applications



Knockout holes in bottom of Post Adapter for easy wiring



New In-Use Covers are Turtle Tough!

Specifications

UL Listing:
Suitable for wet locations.
Fixtures with ground wire must be used

Materials:
Post: PVC
Cap: ABS
In-Use Cover: Clear PVC
Back plate: PVC
MP Adapter: ABS

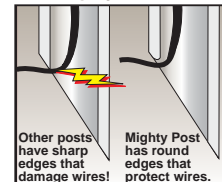
Set Screw:
Locks cap to post and prevents rotation

Patents:
The designs of the Mighty Post, Mighty Post Adapter, Turtle Cover and Turtle Power Post are protected by U.S. Patents D424524, D573096, D580870 and D533510, Canadian Patents 114443, 114502 and 114465, China Patents ZL200530121694.6, ZL200530121693.1 and ZL200530143366.6, Taiwan patents D116785, D116786 and D114569.

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Mighty Post Adapter extends post height to keep outlets above plants and snow. Add an electrical box to your Mighty Post and Lawn Light combo

Your wire's not toast with Mighty Post!



Other posts have sharp edges that damage wires!
Mighty Post has round edges that protect wires.



New! Turtle In-Use Cover

The Turtle In-Use weatherproof cover protects in-use electrical devices in wet locations. Strong and durable in all weather conditions, year round. Clear cover with colored back plate.

Finish: Silver Gray
Black
White
Verde Green



Open (shown with GFI outlet & Decorator plate not included)

New! Mighty Post Adapter

Mighty Post Adapter section lets you install an In-Use Outlet or most other rectangular covers on a Mighty Post. Adapter made from tough ABS. Post top and blank plate in matching color included. Fits 2 1/2" pipe for a DIY post. Cap and close up plug included.

Finish: Black
White
Verde Green



New! Turtle In-Use Cover + Post Adapter

Weatherproof cover with Mighty Post Adapter section for use with Mighty Posts for self standing use in the yard. Adapter section and cap made from the same tough ABS as our posts. Fits 2 1/2" pipe for a DIY post. Cap and close up plug included.

Finish: Black
White
Verde Green



New! Turtle Power Post

19" Mighty Post with Mighty Post Adapter section and Turtle In-Use cover is everything you need for a self-standing electrical outlet. Just add the decorator style outlet of your choice (GFI recommended). Mighty Post Plus has Blank instead of Turtle cover.

Finish: Black
White
Verde Green



Catalog Numbers

Gray	Black	White	Verde Green
TCS	TCB	TCW	TCVG

Black	White	Verde Green
MPAB	MPAW	MPAVG

Black	White	Verde Green
TACB	TACW	TACVG

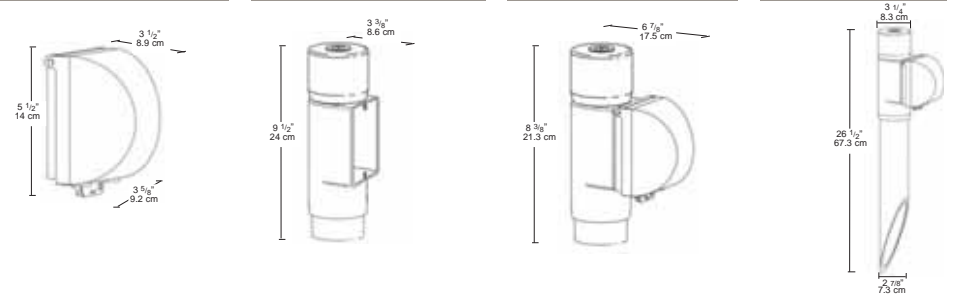
Turtle Power Post

Black	White	Verde Green
TPPB	TPPW	TPPVG

Mighty Post Plus Post with Adapter, Blank Cover

Black	White	Verde Green
MPPB	MPPW	MPPVG

Dimensions



LANDSCAPE LIGHTS

Classic and DomeTop Landscape Lawn Lights packed with rugged features. Now with Energy Saving CFL and Self-Ballasted Fluorescent



Rugged die cast aluminum housing with durable powder coating.

Socket with all copper electrical parts and 20" leads

Quick and secure installation with one corrosionproof screw

Threaded, gasketed globes for durable weatherproofing and easy relamping

12" color matched mounting stem with 1/2" threads available

Includes easy mounting 1/2" threaded nipple



Rugged path lights with louvers to direct light downward blend with any landscaping.



For sturdy Lawn Light mounting, use RAB Mighty Posts® (Pages 132-133)

DomeTop 2 Level Light Cutoff



Wide light spread for wider walkways where maximum light is required



Full Cutoff for narrow walkways & glare free lighting in garden areas

Product Information

Lamp Watts	Lamp Type	Lamp Base	Initial Lumens	Lamp Hours
Incandescent (120 volt)				
75	A-19	Med	1220	750
100	A-19	Med	1650	750
Compact Fluorescent (120 volt)				
Lamp supplied with fixture. Minimum operating temperature 32°F NPF 120 volt ballast				
13	Quad	GX23-2	860	10,000
Self Ballasted Compact Fluorescent Lamps				
Lamp supplied with fixtures Minimum operating temperature -20°F				
13	Spiral	Med	870	10,000
23	Spiral	Med	1450	10,000

Minimum Starting Temp	Color Temp
-2°C (32°F)	3500K
-28°C (-20°F)	2700K
-28°C (-20°F)	5000K

Four Tier 6"

Rugged die cast aluminum 6" diameter housings. Threaded, gasketed clear glass globe for durable weatherproofing and easy relamping. 1" long, 1/2" threaded nipple included for easy mounting. 100 watt max. Incandescent lamp not supplied. Fluorescent lamp supplied.

Finish: ● Black
● Verde Green



Four Tier Flare

10" diameter top tier, 6" diameter lower tier. Rugged die cast aluminum housings. Threaded, gasketed clear glass globe for durable weatherproofing and easy relamping. 1" long, 1/2" threaded nipple included for easy mounting. 100 watt max. Incandescent lamp not supplied. Fluorescent lamp supplied.

Finish: ● Black
● Verde Green



Three Tier 6"

Rugged die cast aluminum 6" diameter housings. Threaded, gasketed clear glass globe for durable weatherproofing and easy relamping. 1" long, 1/2" threaded nipple included for easy mounting. 75 watt max. Incandescent lamp not supplied. Fluorescent lamp supplied.

Finish: ● Black
● Verde Green



Three Tier Flare

10" diameter top tier, 6" diameter lower tiers. Rugged die cast aluminum housings. Threaded, gasketed clear glass globe for durable weatherproofing and easy relamping. 1" long, 1/2" threaded nipple included for easy mounting. 75 watt max. Incandescent lamp not supplied. Fluorescent lamp supplied.

Finish: ● Black
● Verde Green



New!

Four Tier DomeTop

Finish: ● Black
● Verde Green



New!

Three Tier DomeTop

Finish: ● Black
● Verde Green



Catalog Numbers

Verde Green	Black
LL22VG	LL22B
LL22VG/F13	LL22B/F13
LL22VG/FS23	LL22B/FS23

Lawn Light Verde Green	DomeTop Verde Green Black*	Verde Green	Black
LL23VG	LLD4VG	LL322VG	LL322B
LL23VG/F13	LLD4VG/F13	LL322VG/F13	LL322B/F13
LL23VG/FS23	LLD4VG/FS23	LL322VG/FS13	LL322B/FS13

Verde Green	Black
LL323VG	LLD3VG
LL323VG/F13	LLD3VG/F13
LL323VG/FS13	LLD3VG/FS13

Lawn Light Verde Green Black*	DomeTop Verde Green Black*
LL323VG	LLD3VG
LL323VG/F13	LLD3VG/F13
LL323VG/FS13	LLD3VG/FS13

*For Black finish replace suffix VG with B (LL23VG becomes LL23B)

*For Black finish replace suffix VG with B (LL323VG becomes LL323B)

Specifications

UL Listing: Suitable for wet locations. Suitable for mounting within 4 feet of the ground.

Socket: Medium base porcelain with all copper electrical parts and 20" leads, including a ground lead.

Lamps:
Incandescent- (not supplied)
Medium base A-19 lamps, 120V.
4-tier - 100 watt max.
3-tier - 75 watt max.
Fluorescent- (supplied)
13 watt quad tube
NPF 120v ballast, GX23-2 base
13w self ballasted spiral lamp, Med. base
23w self ballasted spiral lamp, Med. base

Globes: Threaded, gasketed globe protects against weather, garden sprinklers and insects. Clear glass GL100 globes standard for 4 Tier. Clear glass GL60 globes standard for 3 Tier.

Housing: Die cast aluminum housing with powder coat finish.

Voltage: 120 volts AC

Patents: The designs of RAB fixtures are protected under U.S. and international intellectual property laws.

Replacement Parts:
Part Catalog #
Socket SLL
Globe for 4 tier -clear GL100
Globe for 4 tier -white GL100W
Globe for 3 tier - clear GL60

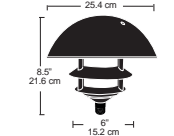
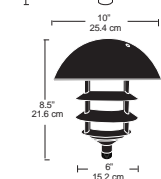
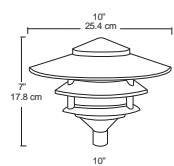
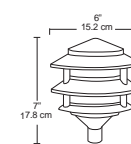
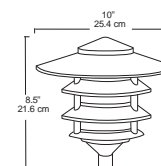
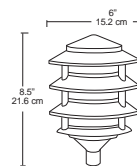
Mounting Stem: Accessory 12" mounting stem with 1/2" threads on both ends available
Part Catalog #
12" Stem Verde Green ST12VG
12" Stem Black ST12B

Mighty Post Mounting: See page 132.

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Dimensions



LANDSCAPE CFL FLOODS

CFL Floods with punch!
Economical to buy and operate, RAB CFL Floods are built to last. For wall and soffit mounting.

Corrosion and vandal resistant polycarbonate housing and lens



13 watt compact fluorescent lamps supplied with fixture

Anodized aluminum reflector

0°F minimum operating temperature

High temperature tubular silicone gasket on PLF39 model

Heavy duty cast aluminum mounting arm and swivel with stainless steel screw

1/2" thread fits all standard covers

Self selling full color packaging with product features and technical information for professional installation.



Product Information

CFL Compact Fluorescent Twin Tube PL
Lamp supplied with fixture

Total Watts	# of Lamps	Lamp Watts	Lamp Base	Ballast	Lamp Hours	Initial Lumens	Minimum Temperature
13	1	13	GX23	NPF 120V	10,000	900	0°F
26	2	13	GX23	NPF 120V	10,000	1800	0°F
39	3	13	GX23	NPF 120V	10,000	2700	0°F

13 Watt CFL Flood

High quality polycarbonate CFL floodlight, supplied with one 13 watt twin tube compact fluorescent lamp. Adjustable swivel mounting arm with 1/2" thread. Lamp supplied.

Finish: ● Bronze



26 Watt CFL Flood

High quality polycarbonate CFL floodlight, supplied with two 13 watt twin tube compact fluorescent lamps. Adjustable swivel mounting arm with 1/2" thread. Lamps supplied.

Finish: ● Bronze



39 Watt CFL Flood

High quality polycarbonate CFL floodlight in larger size housing. Supplied with three 13 watt twin tube compact fluorescent lamps. Adjustable swivel mounting arm with 1/2" thread. Lamps supplied.

Finish: ● Bronze



Catalog Numbers

Bronze

PLF13

Bronze

PLF26

Bronze

PLF39

Specifications

UL Listing:
Suitable for wet locations (PLF13 & 26) For side wall and soffit mounting only

Reflector:
Anodized aluminum

Sockets:
GX23 base

Housings and Lens:
Corrosionproof and vandal resistant polycarbonate

Replacement Parts:
Lamp
Cat #
LCFL13T

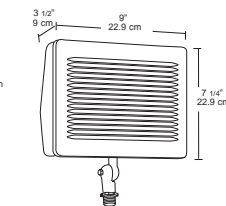
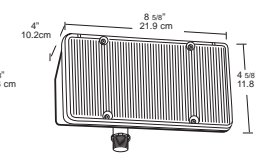
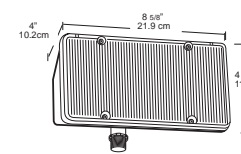
Lens Gasket:
High temperature tubular silicone

Finish:
Bronze

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Dimensions



HID H SYSTEM FLOODS



HID Floodlights and Glare Shields for wall, ceiling and ground mounting.

Hoods and Visors available
See page 58

Set screw for hood, grill or visor attachment

Heavy duty mounting arm with internal O-ring, locking teeth, and stainless steel screw

EZ Grip locknut matches fixture finish and can be adjusted with fingers, pliers or a screwdriver

Rugged die cast aluminum ballast housings with powder coat finish

Side and bottom conduit openings
Close up plugs supplied.

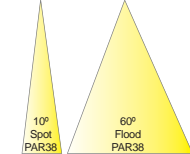


HID H System floods with hoods or visors can be wall mounted, ceiling mounted, or ground mounted.

PULSE START
High Efficiency Metal Halide

Product Information

	Lamp	Lamp	Ballast	Starting Amps / Operating Amps		
	Watts	Type	Base	120V	208V	240V 277V
Metal Halide						
Lamp not supplied with fixture	PS* 70	PAR38	Med	HX-NPF 120V	.2 / 2.2	
	PS* 70	PAR38	Med	HX-HPF QT	.7 / .8 .4 / .5 .4 / .4 .3 / .4	
PS* = Pulse Start	PS* 100	PAR38	Med	HX-HPF QT	1.0 / 1.2 .6 / .7 .5 / .6 .4 / .5	



Lamps offer a variety of beam spread choices.

Specifications cULus

UL Listing:
Suitable for wet locations. Suitable for mounting within 4' of the ground. Can be aimed above horizontal with accessory hood or visor

Sockets:
4kv pulse rated glazed porcelain with all copper current carrying components. Nickel plated screw shell and spring contacts.

Swivels:
Fully adjustable with sure-grip locks. 1/2" NPS threaded arm with serrated locking swivel fits all standard mounting covers. Color matched EZ Grip lock nuts. Stainless steel screw.

Housings:
Die cast aluminum with powder coat finish

Lamps:
Use medium base PAR-38 MH lamps up to 100 watts available (from others) with a range of beam spreads. Lamp not supplied.

Gaskets:
High temperature silicone rubber extends around both socket and lamp.

Patents:
The designs of RAB fixtures are protected under U.S. and international intellectual property laws.

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

HID Bullet w/ Hood

Bullet shape die cast aluminum flood for 70 and 100 watt Metal Halide. Hood with integral tempered glass lens reduces glare and protects lamp from water and impact damage. Wall, soffit or ground mounted with 1/2" side and bottom conduit feed or box mount. Lamp not supplied.

Finish: ● Bronze
● Black
○ White
● Verde Green



HID Bullet w/ Visor

Bullet shape die cast aluminum flood for 70 and 100 watt Metal Halide. Visor with integral grill and tempered glass lens for maximum glare reduction and lamp protection. Wall, soffit or ground mounted with 1/2" side and bottom conduit feed or box mount. Lamp not supplied.

Finish: ● Bronze
● Black
○ White
● Verde Green



HID Bell w/ Hood

Bell shape die cast aluminum flood for 70 and 100 watt Metal Halide. Hood with integral tempered glass lens reduces glare and protects lamp from water and impact damage. Wall, soffit or ground mounted with 1/2" side and bottom conduit feed or box mount. Lamp not supplied.

Finish: ● Bronze
● Black
○ White
● Verde Green



HID Bell w/ Visor

Bell shape die cast aluminum flood for 70 and 100 watt Metal Halide. Visor with integral grill and tempered glass lens for maximum glare reduction and lamp protection. Wall, soffit or ground mounted with 1/2" side and bottom conduit feed or box mount. Lamp not supplied.

Finish: ● Bronze
● Black
○ White
● Verde Green



Catalog Numbers

	Bronze	Black	White	Verde Green
HBHN70HA	B	W	VG	
HBHN70VQTA	B	W	VG	
HBHN100VQTA	B	W	VG	

For Black, White or Verde Green finish replace suffix A with B, W, or VG

	Bronze	Black	White	Verde Green
HBHN70VA	B	W	VG	
HBHN70VQTA	B	W	VG	
HBHN100VQTA	B	W	VG	

For Black, White or Verde Green finish replace suffix A with B, W, or VG

	Bronze	Black	White	Verde Green
H1HN70HA	B	W	VG	
H1HN70VQTA	B	W	VG	
H1HN100VQTA	B	W	VG	

For Black, White or Verde Green finish replace suffix A with B, W, or VG

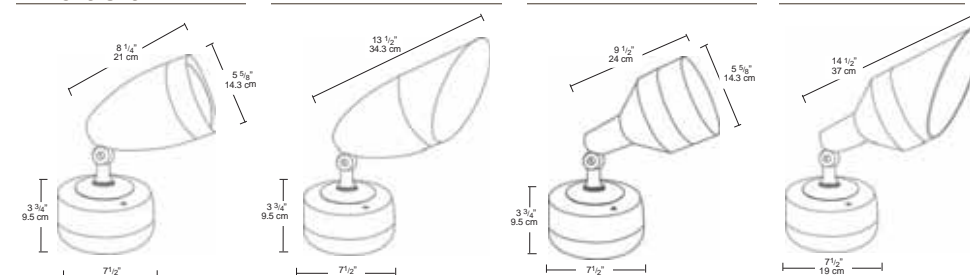
	Bronze	Black	White	Verde Green
H1HN70VA	B	W	VG	
H1HN70VQTA	B	W	VG	
H1HN100VQTA	B	W	VG	

For Black, White or Verde Green finish replace suffix A with B, W, or VG



MH Watts	Replacement Ballast Cat #
70	BMHN70
70	BMHN70QT
100	BMHN100QT

Dimensions



Vaporproof- Any way you want!

- Light Source
- Color
- Mounting Style



The configuration and design of RAB Vaporproof fixtures are a U.S. registered trademark and protected under U.S. and international intellectual property laws.

Durable, versatile and economical vaporproof lighting fits a wide variety of indoor and outdoor applications.



- UL Listed for use with 90° supply wiring
- Compact Fluorescent, High Pressure, Sodium, Metal Halide or Incandescent lamp models



- Wall and Ceiling mount models

- Pendant and Swivel mount models



- 4 fixture colors to choose from



- Glass or Polycarbonate Globes in a variety of colors & shapes



- Suitable for use in dwellings & wet locations

- Die Cast aluminum construction



- UL Listed in US and Canada



- Can be customized with protective Guards and Reflectors



Indoors...



Sturdy and safe wall fixtures light these loading docks



Cover every angle in Sheds & Barns with easy swivel VA Pendant fixtures



Set the mood in "high tech" spaces with colored globes

Outdoors...



Rugged, dependable and economical - Great for construction sites...



and back entrances to schools...



Fixture with red globe makes a great signaling device at firehouses...



and emergency box signal with blue globes on school campuses

at the Olympics...



1850 RAB Vaporproof lights formed the Olympic Rings above Salt Lake City at the 2002 Winter Olympics.

and even in the movies!



"Mystic Pizza" with Julia Roberts



"The Paper" starring Michael Keaton



"Trading Places" with Dan Aykroyd, Jim Belushi (in gorilla costume) and Eddie Murphy.



VXBR100's share a scene in "My Big Fat Greek Wedding".



RAB Vaporproof fixtures lit up as the US Hockey Team scores in "Miracle".



Jimmy Fallon and RAB Vaporproofs on "Saturday Night Live".



Mike Myers in "Goldmember" with a VBR100DG.

VAPORPROOF CEILING FIXTURES



Durable, versatile and economical.
RAB vaporproof incandescent or fluorescent lighting for non-hazardous locations

- Die cast aluminum for superior durability
- Set screw keeps guard securely in place
- All stainless steel hardware
- Close-up plugs allow Phillips or slotted screwdrivers for easy installation
- One piece die cast aluminum guards threaded for secure fit
- Junction box with sturdy mounting lugs
- UL Listed for use with 90°C supply wiring OK for use in dwellings and wet locations
- High temperature silicone internal gaskets
- Adapter plate included with VC fixtures
- Premium porcelain socket with 150°C 8" long leads
- Clear heat resistant glass globes standard Polycarbonate Permoglobes available
- Packed partially assembled for fast installation



1,850 RAB Vaporproof Lights formed the Olympic Rings in the mountains above Salt Lake City



Product Information

Natural Fixture with:

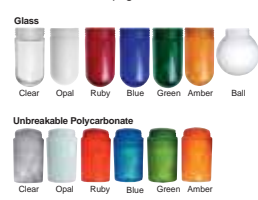
Clear glass & die cast guard	VX100DG	VX200DG
Clear glass & wire clamp guard	VX100G	VX200G
Clear glass globe (no guard)	VX100	VX200
Clear Permaglobe (no guard)	VX100P	VX200P
White Permaglobe (no guard)	VX100PW	VX200PW
Fixture less globe	VX1	VX2
13 watt Fluorescent, 120 Volt Lamp supplied	add /F13	
22 watt Fluorescent, 120 Volt Lamp supplied		add /F22
23 watt Self Ballasted Fluorescent Order lamp separately	LSF23-35	
3/4" tapped hubs	add /-3/4	add /-3/4

Finish- Add suffix:

- Silver Gray
- White
- Black

Special Globes

Colored globes (White, Red, Blue, Green or Amber) in cylindrical or ball shapes are available in glass or polycarbonate. Order a vaporproof fixture less globe and combine it with a Globe from page 152.



Socket: Incandescent: Premium porcelain with 150°C 8" leads attached. Fastened with 2 brass screws.
CFL Lamp Base: 13w: G23-2 Base • 22w: GX32d-2 Base 23w: Self Ballasted, Medium Base Spiral FL
CFL Ballast: NPF 120V
Wire Guard: 8 gauge steel wire with silver powder coat
Patents: The configuration and design of RAB Vaporproof fixtures are a U.S. registered trademark and protected under U.S. and international intellectual property laws.

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

VX 4" Box

Box mount, die cast aluminum with built-in junction box and sturdy mounting lugs. Medium base socket, 1/2" or 3/4" NPS hub size and a variety of globes. Incandescent lamp A21 for 100 Series, PS25 for 200 Series. Lamp not supplied. CFL: 13 & 22 watt lamp supplied.



VX100DG shown in natural, silver gray, white and black

Catalog Numbers

100 Series	200 Series
Max Watts	Max Watts
150w Clear Glass	300w Clear Glass
100w Colored Glass	200w Colored Glass
75w Permaglobe	100w Permaglobe
VX100DG	VX200DG
VX100G	VX200G
VX100	VX200
VX100P	VX200P
VX100PW	VX200PW
VX1	VX2
add /F13	
	add /F22
LSF23-35	
add /-3/4	add /-3/4
add S	add S
add W	add W
add B	add B

For Natural & 1/2" taps, no suffix needed.

VP Pendant

Pendant mount, die cast aluminum construction. Medium base socket, 1/2" or 3/4" NPS pendant thread and a variety of globes. Incandescent lamp A21 for 100 Series, PS25 for 200 Series. Lamp not supplied. CFL: 13 & 22 watt lamp supplied.



VP100DG shown in natural

100 Series	200 Series
Max Watts	Max Watts
100w Clear Glass	200w Clear Glass
100w Colored Glass	150w Colored Glass
75w Permaglobe	100w Permaglobe
VP100DG	VP200DG
VP100G	VP200G
VP100	VP200
VP100P	VP200P
VP100PW	VP200PW
VP1	VP2
add /F13	
	add /F22
LSF23-35	
add /-3/4	add /-3/4
add S	add S
add W	add W
add B	add B

For Natural & 1/2" taps, no suffix needed.

VC Ceiling

Die cast aluminum construction. Mounts to existing surface or recessed 4" boxes. Adapter plate provided. Medium base socket and a variety of globes. Incandescent lamp A21 for 100 Series, PS25 for 200 Series. Lamp not supplied. CFL: 13 & 22 watt lamp supplied.



VC100DG shown in natural

100 Series	200 Series
Max Watts	Max Watts
100w Clear Glass	150w Clear Glass
100w Colored Glass	100w Colored Glass
75w Permaglobe	100w Permaglobe
VC100DG	VC200DG
VC100G	VC200G
VC100	VC200
VC100P	VC200P
VC100PW	VC200PW
VC1	VC2
add /F13	
	add /F22
LSF23-35	
add /-3/4	add /-3/4
add S	add S
add W	add W
add B	add B

For Natural, no suffix needed.

VLX 3" Box

Die cast aluminum with built-in 3" junction box and sturdy mounting lugs. Medium base socket, 1/2" or 3/4" NPS hub size and a variety of globes. Incandescent lamp A21 for 100 Series, PS25 for 200 Series. Lamp not supplied. CFL: 13 & 22 watt lamp supplied.

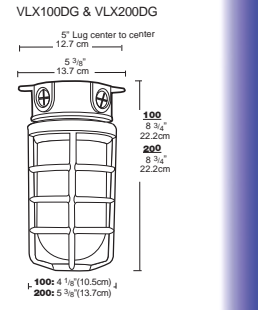
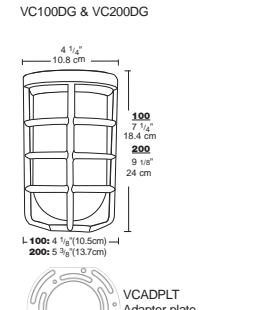
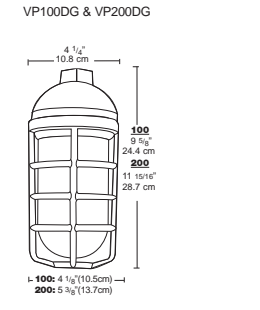
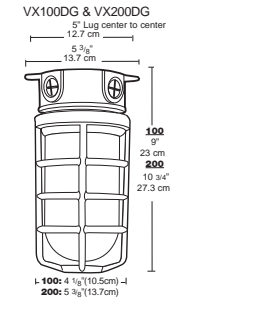


VLX100DG shown in natural

100 Series	200 Series
Max Watts	Max Watts
150w Clear Glass	200w Clear Glass
100w Colored Glass	150w Colored Glass
75w Permaglobe	100w Permaglobe
VLX100DG	VLX200DG
VLX100G	VLX200G
VLX100	VLX200
VLX100P	VLX200P
VLX100PW	VLX200PW
VLX1	VLX2
add /F13	
	add /F22
LSF23-35	
add /-3/4	add /-3/4
add S	add S
add W	add W
add B	add B

For Natural, no suffix needed.

Dimensions



Specifications

UL Listing: Suitable for wet locations. Suitable for use in dwellings. Suitable for use with 90°C supply wiring. Complies with UL Standard 1598. For non-hazardous locations where the lamp, socket and wiring require protection from rain, corrosive fumes, non-explosive vapors and gases. For lamp base up installation only when outdoors.
Wattage: See catalog number chart for maximum wattage with clear glass, colored glass and Permoglobes.
Hub Size: 1/2" or 3/4" NPS. Metric size hub taps available. Consult factory.

Globes: Clear thermal shock resistant soda lime glass standard. Colored and white glass globes available. Unbreakable RAB Permoglobes available in clear and in color. See page 152.
Reflectors: Customize fixture with a highly reflective white baked polyester epoxy powder finish over a heavy gauge aluminum base. Reflectors thread onto fixtures. See page 154.
Finish: Natural unpainted finish standard. Painted finishes of Silver Gray (add suffix S), White (add W) and Black (add B). Other finish colors available. Consult factory.
Construction: Die cast aluminum with brass screws
Guard: One piece die cast aluminum with set screw

VAPORPROOF WALL BRACKET FIXTURES

Durable, versatile and economical vaporproof incandescent or fluorescent lighting for non-hazardous locations.

Die cast aluminum for superior durability

Set screw keeps guard securely in place

Junction box with sturdy mounting lugs

All stainless steel hardware

Close-up plugs allow Phillips or slotted screwdrivers for easy installation

One piece die cast aluminum guards threaded for secure fit

High temperature silicone internal gaskets

Premium porcelain socket with 150°C 8" long leads attached

Clear heat resistant glass globes standard Polycarbonate Permoglobes available

Packed partially unassembled for easy installation

New!

UL Listed for use with 90°C supply wiring OK for use in dwellings and wet locations



Durable Vaporproof fixtures light up entrances in industrial locations.



A VX100DG in a scene from the movie "Mystic Pizza" starring Julia Roberts. In Hollywood, they install fixtures upside down. You should always install fixture lamp base up.



Best Supporting Prop in a movie! Here's a RAB Vaporproof in a scene from Ron Howard's "The Paper" starring Michael Keaton and Glenn Close. (When using outdoors, always install lamp base up.)

Specifications

UL Listing:
Suitable for wet locations. Suitable for use in dwellings. Suitable for use with 90°C supply wiring. Complies with UL Standard 1598. For non-hazardous locations where the lamp, socket and wiring require protection from rain, corrosive fumes, non-combustible dusts, moisture, non-explosive vapors and gases.

Wattage:
See catalog number chart for maximum wattage with clear glass, colored glass and Permoglobes.

Hub Size:
1/2" or 3/4" NPS.

Construction:
Die cast aluminum with brass screws.

Globes:
Clear heat resistant glass standard. Colored and white glass globes available. Unbreakable RAB Permoglobes available in clear and in color.

Reflectors:
Customize fixture with a highly reflective white baked polyester epoxy powder finish over a heavy gauge aluminum base. Reflectors thread onto fixtures. See page 152.

Finish:
Natural unpainted finish standard. Painted finishes of Silver Gray (add suffix S), White (add W) and Black (add B). Other finish colors available. Consult factory.

Guard:
One piece die cast aluminum with set screw.

Wire Guard:
8 GA. steel wire with silver powder coat.

Socket:
Incandescent: Premium porcelain with 150°C 8" leads attached. Fastened with 2 brass screws.

CFL Lamp Base:
13w: G23-2 Base • 22w: GX32-d-2 Base
23w: Self Ballasted, Medium Base Spiral FL

CFL Ballast:
NPF 120V

Patents:
The configuration and design of RAB Vaporproof fixtures are a U.S. registered trademark and protected under U.S. and international intellectual property laws.

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Special Globes

Colored (White, Red, Blue, Green or Amber) Prismatic or Ball shaped globes are available in glass or polycarbonate. Heat resistant glass globes are also available. Order a vaporproof fixture less globe and combine it with a Globe from Page 152.



Product Information

Natural Fixture with:

Clear glass & die cast guard

Clear glass & wire clamp guard

Clear glass globe (no guard)

Clear Perm globe (no guard)

White Perm globe (no guard)

Fixture less globe

13 watt Fluorescent, 120 Volt Lamp supplied

22 watt Fluorescent, 120 Volt Lamp supplied

23 watt Self Ballasted Fluorescent Order lamp separately

3/4" tapped hubs

Finish: Silver Gray
Add suffix White
 Black



VBR Bracket

Die cast aluminum construction with sturdy wall mounting bracket. Medium base socket and a variety of globes. Incandescent lamp A21 for 100 Series, PS25 for 200 Series. Lamp not supplied. CFL: 13 & 22 watt lamp supplied.

Finish: Natural
 Silver Gray
 White
 Black



VBR100DG shown in Natural

VXBR Bracket & Box

Die cast aluminum construction. Wall bracket plus junction box with sturdy mounting lugs. Medium base socket, 1/2" or 3/4" NPS hub size and a variety of globes. Incandescent lamp A21 for 100 Series, PS25 for 200 Series. Lamp not supplied. CFL: 13 & 22 watt lamp supplied.

Finish: Natural
 Silver Gray
 White
 Black



VXBR100DG shown in Natural

Adjustable Pendant

Universal swivel permits mounting at any angle and locks in place. Die cast aluminum construction. Medium base socket and a variety of globes. Incandescent lamp A21 for 100 Series, PS25 for 200 Series. Lamp not supplied. CFL: 13 & 22 watt lamp supplied.

Finish: Natural



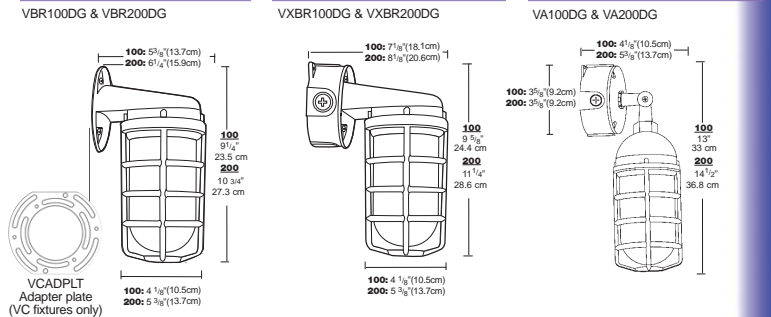
VA100DG shown in Natural

Great for sloped ceilings

Catalog Numbers

100 Series	200 Series	100 Series	200 Series	100 Series	200 Series
Max Watts	Max Watts	Max Watts	Max Watts	Max Watts	Max Watts
150w Clear Glass	200w Clear Glass	150w Clear Glass	300w Clear Glass	150w Clear Glass	300w Clear Glass
100w Colored Glass	150w Colored Glass	100w Colored Glass	200w Colored Glass	100w Colored Glass	200w Colored Glass
75w Perm globe	100w Perm globe	75w Perm globe	100w Perm globe	75w Perm globe	100w Perm globe
VBR100DG	VBR200DG	VXBR100DG	VXBR200DG	VA100DG	VA200DG
VBR100G	VBR200G	VXBR100G	VXBR200G	VA100G	VA200G
VBR100	VBR200	VXBR100	VXBR200	VA100	VA200
VBR100P	VBR200P	VXBR100P	VXBR200P	VA100P	VA200P
VBR100PW	VBR200PW	VXBR100PW	VXBR200PW	VA100PW	VA200PW
VBR1	VBR2	VXBR1	VXBR2	VA1	VA2
add /F13		add /F13		add /F13	
LFS23-35		LFS23-35		LFS23-35	
	add /F22		add /F22		add /F22
		add -3/4	add -3/4	add -3/4	add -3/4
add S	add S	add S	add S	add S	add S
add W	add W	add W	add W	add W	add W
add B	add B	add B	add B	add B	add B
Natural, no suffix		Natural, no suffix			

Dimensions



VAPORPROOF HID & CFL

Vaporproof HID & CFL fixtures are tough, good looking and energy efficient.



- Weatherproof ballast box
- Die cast aluminum for superior durability
- All stainless steel hardware
- Set screw keeps guard securely in place
- Clear heat resistant prismatic glass globes standard
Polycarbonate Permoglobes and glass colored globes available for CFL only
- One piece die cast aluminum guards threaded for secure fit
- Close-up plugs allow Phillips or slotted screwdrivers for easy installation
- High temperature silicone internal gaskets
- Ballast housing mounts to any junction box

PULSE START
High Efficiency Metal Halide

Product Information

	Total Watts	Lamp Type	Lamp Base	Ballast	Starting Amps / Operating Amps				Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours
					120V	208V	240V	277V				
Compact Fluorescent Lamp supplied with fixture Starting temperature 0°F	13	Quad	GX24q-1	Elec HPF QT	0.1	0.1	0.1	.06	16	900	10,000	
	26	Triple	GX24q-3	Elec HPF QT	0.2	0.2	0.1	0.1	29	1,800	12,000	
	32	Triple	GX24q-3	Elec HPF QT	0.3	0.2	0.2	0.1	36	2,400	12,000	
	42	Triple	GX24q-4	Elec HPF QT	0.4	0.3	0.2	0.2	46	3,200	12,000	
High Pressure Sodium Lamp supplied with fixture	35	ED17	Med	R-NPF 120V	1.4 / .8				46	S76	2,300	24,000
	50	ED17	Med	R-NPF 120V	1.8 / 1.2				62	S68	4,000	24,000
	50	ED17	Med	HX-HPF DT	.5 / .6			.2 / .3	66	S68	4,000	24,000
	70	ED17	Med	R-NPF 120V	2.3 / 1.7				86	S62	6,300	24,000
	70	ED17	Med	HX-HPF QT	.6 / .8	.4 / .5	.4 / .3	.3 / .4	91	S62	6,300	24,000
	100	ED17	Med	HX-HPF QT	.9 / 1.1	.6 / .6	.5 / .6	.4 / .5	130	S84	9,500	24,000
Metal Halide Lamp supplied with fixture PS* = Pulse Start	PS* 50	ED17	Med	HX-NPF 120V	2.0 / 1.6				68	M110	3,400	10,000
	PS* 50	ED17	Med	HX-HPF QT	.6 / .6	.4 / .4	.3 / .3	.3 / .3	68	M110	3,750	10,000
	PS* 70	ED17	Med	R-NPF 120V	2.8 / 2.2				94	M98	5,000	15,000
	PS* 70	ED17	Med	HX-HPF QT	.7 / .8	.4 / .5	.4 / .4	.3 / .4	90	M98	5,000	15,000
	PS* 100	ED17	Med	HX-HPF QT	1.0 / 1.2	.6 / .7	.5 / .6	.4 / .5	129	M90	9,000	15,000

Specifications

UL Listing:
Suitable for wet locations. Complies with UL Standard 1598 for non-hazardous locations where the lamp, socket and wiring require protection from rain, corrosive fumes, non-combustible dusts, moisture, non-explosive vapors and gases. For lamp base up installation only when outdoors.

Hub Size:
1/2" NPS tapped hubs standard. For 3/4" tapped hubs, add suffix "-3/4". Metric size hub taps available, consult factory.

Globes:
Clear prismatic, heat resistant glass standard. White glass globes available. Colored and clear unbreakable RAB Permoglobes available for CFL only. See page 152

Reflectors:
Customize fixture with a highly reflective white baked polyester epoxy powder finish over a heavy gauge aluminum base. Reflectors thread onto fixtures. See page 154.

Finish:
Natural unpainted finish standard. Painted finishes of Silver Gray (add suffix S), White (add W) and Black (add B). Other finish colors available. Consult factory.

Construction:
Die cast aluminum with brass screws

Guard:
One piece die cast aluminum with set screw

Patents:
The configuration and design of RAB Vaporproof fixtures are a U.S. registered trademark and protected under U.S. and international intellectual property laws.

Socket:
HID: Glazed porcelain 4kv pulse rated with nickel plated screw shell and spring contacts. CFL: White thermo plastic with integral clips for lamp retention

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Special Globes

Colored globes (White, Red, Blue, Green, or Amber) in cylindrical or ball shapes are available in glass or polycarbonate for CFL fixtures only. Consult factory to order. See page 152



HID Ceiling

Cast aluminum housing for 50, 70 & 100 watt HPS, 50, 70 & 100 watt Metal Halide. Prismatic globe for low glare and even light distribution. Fixture mounts to junction box or can be wired inside the housing. Ceiling mounted with 1/2" NPS (or 3/4") side and top conduit feed. Lamp supplied.

Finish: Natural
 Silver Gray
 White
 Black



HID Bracket

Cast aluminum housing with sturdy wall mounting bracket for 50, 70 & 100 watt HPS, 50, 70 & 100 watt Metal Halide. Prismatic globe for low glare and even light distribution. Fixture mounts to junction box or can be wired inside the housing. Wall mounted with 1/2" NPS (or 3/4") side and top conduit feed. Lamp supplied.

Finish: Natural
 Silver Gray
 White
 Black



CFL Ceiling

Small cast aluminum housing for 13 and 26 watt or larger size housing for 32 and 42 compact fluorescent. Prismatic globe for low glare and even light distribution. Fixture mounts to junction box or can be wired inside the housing. Ceiling mounted with 1/2" NPS (or 3/4") side and top conduit feed. Lamp supplied.

Finish: Natural
 Silver Gray
 White
 Black



VX1F13
VX1F26
VX2F32
VX2F42

For 3/4" tapped hubs, add suffix "3/4"

CFL Bracket

Small cast aluminum housing with sturdy wall mounting bracket for 13 and 26 watt or larger size housing for 32 and 42 compact fluorescent. Prismatic globe for low glare and even light distribution. Fixture mounts to junction box or can be wired inside the housing. Wall mounted with 1/2" NPS (or 3/4") side and top conduit feed. Lamp supplied.

Finish: Natural
 Silver Gray
 White
 Black



VXBR1F13
VXBR1F26
VXBR2F32
VXBR2F42

For 3/4" tapped hubs, add suffix "3/4"

Catalog Numbers

VX2SN35
VX2SN50
VX2SH50DT
VX2SN70
VX2SH70QT
VX2SH100QT

VX2HN50
VX2HH50QT
VX2HN70
VX2HH70QT
VX2HH100QT

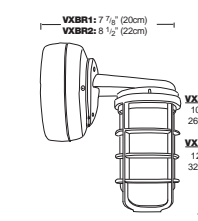
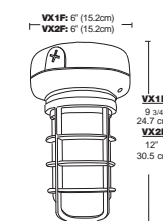
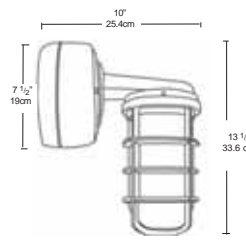
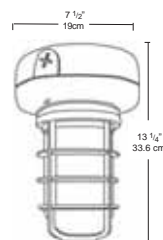
For 3/4" tapped hubs, add suffix "3/4"

VXBR2SN35
VXBR2SN50
VXBR2SH50DT
VXBR2SN70
VXBR2SH70QT
VXBR2SH100QT

VXBR2HN50
VXBR2HH50QT
VXBR2HN70
VXBR2HH70QT
VXBR2HH100QT

For 3/4" tapped hubs, add suffix "3/4"

Dimensions



VAPORPROOF ENTRY LIGHTS

New! Brighten entranceways with durable, economical ceiling and wall bracket fixtures in classic shapes.



Dusk to Dawn Photocell models available

Die cast aluminum for superior durability

Decorative white heat resistant glass or polycarbonate globes available

High temperature silicone internal gaskets

Premium porcelain socket

UL Listed for use with 90°C supply wiring
OK for use in dwellings and wet locations



Product Information

Compact Fluorescent CFL
Lamp supplied with fixture

Watts	Lamp Type	Lamp Base	Ballast
13	13w Quad	GX23	NPF 120V
13	13w Quad	GX23	NPF 120V
13	13w Quad	G24d-1	NPF 120V
13	13w Quad	G24d-1	NPF 120V
26	2-13w Twin	GX23	NPF 120V
26	2-13w Twin	GX23	NPF 120V

High Pressure Sodium
Lamp supplied with fixture

Watts	Lamp Type	Lamp Base	Ballast
50	ED17	Medium	R-NPF 120V
50	ED17	Medium	R-NPF 120V

Incandescent
Lamp not supplied

Watts	Lamp Type	Lamp Base	Ballast
75	A19	Medium	
75	A19	Medium	

Starting Amps 120V	Operating Temp	Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours	Globe
.4	32°			825	10,000	Glass Globe
.4	32°			825	10,000	Polycarbonate Globe
.4	32°			825	10,000	PC Globe w/ Photocell
.4	0°			1625	10,000	Polycarbonate Globe
.4	0°			1625	10,000	PC Globe w/ Photocell
1.5 / 1.2		62	S68	4,000	24,000	Glass Globe
1.5 / 1.2		62	S68	4,000	24,000	Polycarbonate Globe
				1,210	1,500	Glass Globe
				1,210	1,500	Polycarbonate Globe

New! Ball Entry

Entry light in 13 watt compact fluorescent, 50 watt HPS and 75 watt max. incandescent. Cast aluminum housing with decorative white glass globe or unbreakable polycarbonate. Bracket fixture mounts to common junction boxes. Photocell models available. Minimum operating temperature 14°F. CFL and HPS lamps supplied. Incandescent lamp not supplied.

Finish: ● Bronze
○ White



New! Plastic Cylinder Entry

Entry light in 13w and 26w compact fluorescent, 50 watt HPS and 75 watt max. incandescent. Cast aluminum housing with unbreakable white polycarbonate globe. Bracket fixture mounts to common junction boxes. Photocell models available. Minimum operating temperature 14°F. CFL and HPS lamps supplied. Incandescent lamp not supplied.

Finish: ● Bronze
○ White



New! Ceiling Entry Light

Ceiling fixture for 13 watt compact fluorescent or incandescent lamps. Satin aluminum with cylinder shaped white glass (100 watt max.) or unbreakable polycarbonate white globe (75 watt max.) CFL lamp supplied. Incandescent lamp not supplied.

Finish: ● Satin Aluminum



Catalog Numbers

Bronze	White	Bronze	White	Satin Aluminum
				VCF13CSA
				VCF13CPSA
VBF13BPA	VBF13BPW	VBF13CPA	VBF13CPW	
VBF13BPA/PC	VBF13BPW/PC	VBF13CPA/PC	VBF13CPW/PC	
		VBF26CPA	VBF26CPW	
		VBF26CPA/PC	VBF26CPW/PC	
VBS50BA	VBS50BW	VBS50CPA	VBS50CPW	
VBS50BPA	VBS50BPW			
VB75BA	VB75BW	VB75CPA	VB75CPW	VC75CSA
VB75BPA	VB75BPW			VC75CPSA

Specifications

UL Listing:
Suitable for wet locations.
Suitable for use in dwellings.
Suitable for use with 90°C supply wiring.
Complies with UL Standard 1598.

Finish:
Chip and fade resistant architectural bronze or bright white polyester finish.

Housing:
Die cast aluminum.

Globes:
White glass or unbreakable polycarbonate white globe.

VBF13CP: CAT# GL100GW-VBF

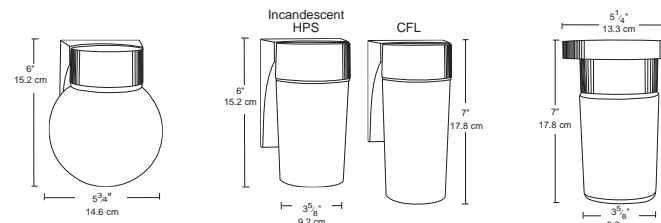
CFL Lamp Base:
VBF13: G24d-1 +VBF26: GX23
VBF13: CAT# LCFL13Q-VBF
VBF26: CAT# (2)LCFL13T
VCF13: CAT# LCFL13Q

Socket:
HID: Glazed porcelain 4kv pulse rated with nickel plated screw shell and spring contacts.
CFL: White thermo plastic with integral clips for lamp retention.

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Dimensions



VAPORPROOF GLOBES

Upgrade, replace or customize with globes in a wide selection of colors and shapes.



New!

Crystal Lime glass in 2 sizes and six colors

Industry standard 3 5/32" or 4 5/32" threads

Unbreakable Polycarbonate

Colors available for signaling or decorative applications



Mix colored globes with white, black or gray fixture finishes for special applications like emergency call boxes (blue) or fire indicators (red).



Round Bottom Glass

Threaded glass globes fit RAB and other standard Vaporproof fixtures and Lawn Lights.



Permaglobes

Unbreakable Polycarbonate threaded globes to fit RAB and other standard size Vaporproof fixtures. Lamp base up only. Observe wattage restrictions for each fixture on pages 145 & 147.



Prismatic Globes

Prismatic glass globes hide the light source and allow maximum light output in RAB and other standard size Vaporproof fixtures.



Heat Resistant

Highly tempered crystal lime glass to withstand high ambient temperatures in RAB and other standard size Vaporproof fixtures. Standard threads.



Ball Globe

Decorative Ball shaped threaded opal white globe in both glass and unbreakable polycarbonate to fit RAB 100 Series Vaporproof fixtures.



Catalog Numbers

Color	150 watts	300 watts*
Clear	GL100	GL200
	100 watts	200 watts*
Opal	GL100W	GL200W
Ruby	GL100R	GL200R
Blue	GL100B	GL200B
Green	GL100G	GL200G
Amber	GL100A	GL200A

* **Maximum wattage:**
See pages 144-149 for maximum wattage of each globe with each fixture.

Color	75 watts*	100 watts*
Clear	GL100PG	GL200PG
Opal	GL100PGW	GL200PGW
Ruby	GL100PGR	GL200PGR
Blue	GL100PGB	GL200PGB
Green	GL100PGG	GL200PGG
Amber	GL100PGA	GL200PGA

* **Maximum wattage:**
See pages 144-149 for maximum wattage of each globe with each fixture.

Color	150 watts	300 watts*
Prismatic	GL100PRIS	GL200PRIS

Color	150 watts	300 watts*
Clear	GL100HR	GL200HR

Material	Watts	Catalog #:
Glass	150	GL100BO
Poly	75	GL100BPO

Specifications

UL Listing:
Suitable for wet locations when used with RAB Vaporproof fixtures.
Suitable for dry, damp or wet locations when used as replacement globes for listed fixtures. Fixtures must be installed with lamp base up when outdoors.

Glass Globes:
Clear thermal shock resistant soda lime glass standard

Plastic Globes:
Impact resistant UV stabilized polycarbonate

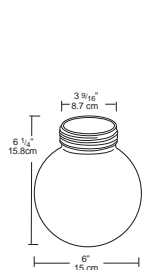
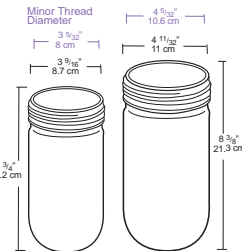
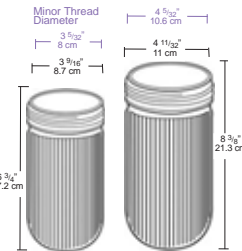
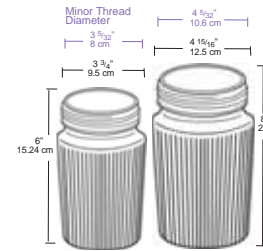
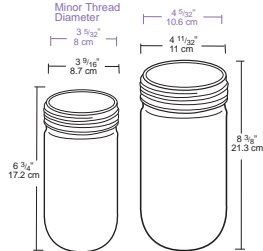
* **Maximum wattage:**
See Vaporproof fixtures on pages 144-149 for maximum wattage of each globe with each fixture.

Patents:
The configuration and design of RAB Vaporproof fixtures are a U.S. registered trademark and protected under U.S. and international intellectual property laws.

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Dimensions



VAPORPROOF GUARDS & REFLECTORS

Customize and protect Vaporproof lighting.



Available in colors!



RAB Vaporproof fixtures light up U.S. Hockey Team goals in the movie "Miracle".

Specifications

UL Listing:
Suitable for wet locations when used with RAB Vaporproof fixtures.

Die Cast Guards:
One piece die cast aluminum. Set screw locks guard in place.

Wire Clamp Guards:
No. 8 gauge steel wire rod welded to clamping band with captive clamping screw.

Reflectors:
Highly reflective white polyester powder finish over heavy gauge steel. Threaded aluminum mounting ring.

Patents:
The configuration and design of RAB Vaporproof fixtures are a U.S. registered trademark and protected under U.S. and international intellectual property laws.

Info Online 24/7

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Wiring Diagrams
Installation Instructions
Product Specifications

Die Cast Guard

Die cast aluminum one piece guard with distinctive flat bottom for contemporary look. Machined threads for smooth fit. A headless set screw is provided to lock guard in place.

Finish: Natural
 Silver Gray
 Black
 White



Wire Clamp Guard

Round bottom wire clamp guard made of No. 8 gauge steel rod welded to a clamping band. Captive clamping screw. Guard is protected from corrosion by a baked silver gray polyester powder finish.

Finish: Natural
 Silver Gray
 Black
 White



Flat Bottom Wire Guard

Flat bottom wire clamp guard made of No. 8 gauge steel rod welded to a clamping band. Fits flat bottom glass & polycarbonate Permaglobes. Guard is protected from corrosion by a baked silver gray polyester powder finish.

Finish: Silver Gray



Dome Reflector

Direct light down with a dome reflector. Highly reflective white polyester powder finish over heavy gauge steel. Threaded aluminum mounting ring threads onto fixture above guard. Fits all RAB vaporproof except VBR and VXBR fixtures.

Finish: White



Cutaway illustration of the VX200DG with a Dome Reflector.

Angle Reflector

Direct light down and to the side with a 30° angle reflector. Highly reflective white polyester powder finish over heavy gauge steel. Threaded aluminum mounting ring threads onto fixture above guard. Fits all vaporproof fixtures.

Finish: White



Direct light down and to the side with an angle reflector.

Catalog Numbers

Series	Finish	Catalog #
100	Natural	GD100DG
100	Silver Gray	GD100DGS
100	Black	GD100DGB
100	White	GD100DGW
200	Natural	GD200DG
200	Silver Gray	GD200DGS
200	Black	GD200DGB
200	White	GD200DGW

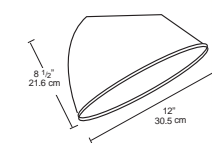
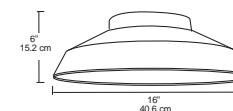
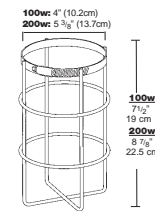
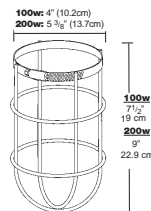
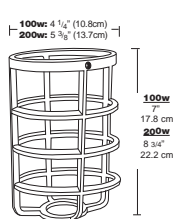
Series	Finish	Catalog #
100	Natural	GD100CL
100	Silver Gray	GD100CLS
100	Black	GD100CLB
100	White	GD100CLW
200	Natural	GD200CL
200	Silver Gray	GD200CLS
200	Black	GD200CLB
200	White	GD200CLW

Series	Finish	Catalog #
100	Silver Gray	GD100BAR
200	Silver Gray	GD200BAR

Series	Finish	Catalog #
100	White	RV100ST
200	White	RV200ST

Series	Finish	Catalog #
100	White	RV100A
200	White	RV200A

Dimensions



EXPLOSIONPROOF INCANDESCENT

Incandescent fixtures from RAB, the hazardous location lighting specialist. Unsurpassed service and quality.



EX & EB fixtures come complete with built-in junction box

Cast aluminum construction with gray epoxy powder coat finish

Easy access to splices

Easy relamping with a single thumb screw

Factory sealed for easy installation

Heat and impact resistant prismatic glass globe

Die cast guard

Accessory Reflectors and Exit Signs available
Easy field installation



RE200ST
Standard Dome
Reflector

RE200A
30° angle
Reflector

EXIT1
Exit sign
Reflector



RAB explosionproof fixtures light the Space Shuttle launch tower at the Kennedy Space Center.

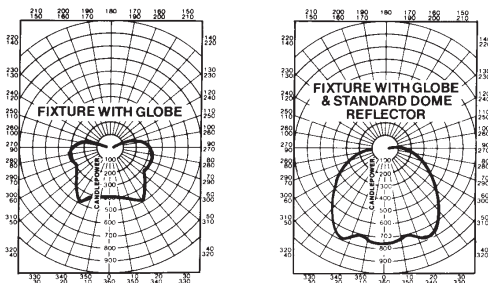
UL Listings

Location Class, Div.	Groups	Operating Temp. code	UL Listed Maximum Wattage		
			Without Reflector	w/Std. Dome Reflector	w/30° Dome Reflector
I	1&2 C & D	T3C	300	300	300
I	1&2 D Paint Spray	T4A	75	-	-
II	1&2 E & F	T3	200	150	200
II	1&2 E, F & G	T3C	100	-	150
III	-	T3C	100	100	150

Weight

Fixture Type	w/ guard		w/o guard	
	lb	kg	lb	kg
EP	12	5.4	11	5
EX	12	5.4	11	5
EB	15	6.8	14	6.4
ES	16	7.2	13	5.9

Photometrics



Specifications

Housings:

Heavy cast aluminum. Unit withstands 1490 lbs per square inch hydrostatic pressure during UL testing.

Wiring:

Wiring is factory sealed. Inspection hole provides easy access to splice compartment.

Globe:

Impact and heat resistant clear prismatic design affords excellent light control.

Finish:

Silver Gray Epoxy powder coat

Reflectors:

Heavy gauge aluminum with highly reflective white acrylic finish.

Socket:

Medium base glazed porcelain. Leads pass through sealing compound that separates lamp chamber from wiring compartment. Heavy gauge nickel plated copper components. Spring loaded center contact.

Patents:

The designs of RAB fixtures are protected under U.S. and international intellectual property laws.

www.rabweb.com

Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions



EX Ceiling

Explosionproof fixture for ceiling mounting. Cast aluminum housing, heat and impact resistant globe. Fits all incandescent lamps up to 300 watt PS-25. Lamp not supplied.

Finish: ● Silver Gray



EB Bracket

Explosionproof fixture for wall mounting. Cast aluminum housing, heat and impact resistant globe. Fits all incandescent lamps up to 300 watt PS-25. Lamp not supplied.

Finish: ● Silver Gray



EP Pendant

Explosionproof fixture for ceiling mounting. Set screw to stem prevents rotation. Cast aluminum housing, heat and impact resistant globe. Fits all incandescent lamps up to 300 watt PS-25. Lamp not supplied.

Finish: ● Silver Gray



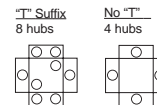
Catalog Numbers

Hub Size	# Hubs	With Guard	No Guard
1/2"	4	EX124	EX12
1/2"	8	EX124T	EX12T
3/4"	4	EX124-3/4	EX12-3/4
3/4"	8	EX124T-3/4	EX12T-3/4

Hub Size	# Hubs	With Guard	No Guard
1/2"	4	EB124	EB12
1/2"	8	EB124T	EB12T
3/4"	4	EB124-3/4	EB12-3/4
3/4"	8	EB124T-3/4	EB12T-3/4

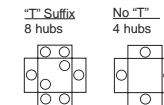
Hub Size	# Hubs	With Guard	No Guard
1/2"	1	EP124	EP12
3/4"	1	EP124-3/4	EP12-3/4

Don't forget to order Explosionproof hanger boxes for pendant fixtures. See page 159 for complete selection.



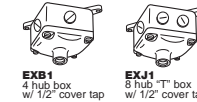
EXB1
8 hubs

EXJ1
4 hubs



EB1
8 hubs

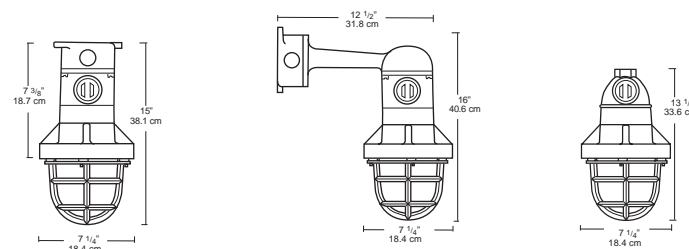
EBJ1
4 hubs



EPB1
4 hub box w/ 1/2" cover tap

EPJ1
8 hub "T" box w/ 1/2" cover tap

Dimensions



EXPLOSIONPROOF ACCESSORIES

Premium quality, heavy gauge reflectors junction and hanger boxes.



Cast aluminum junction box also serves as a hanger box for pendant fixtures

Heavy gauge die formed aluminum

White epoxy powder finish

Cutaway view shows the RE200ST installed on the EX124.

UL Fixture Listings

Location	Class, Div.	Groups	Operating Temp. code
I	1&2	C & D	T3C
I	1&2	D Paint Spray	T4A
II	1&2	E & F	T3
II	1&2	E, F & G	T3C
III	-	-	T3C

UL Listed Maximum Wattage			
	Without Reflector	w/Std. Dome Reflector	w/30° Dome Reflector
I	300	300	300
II	75	-	-
III	200	150	200
IV	100	-	150
V	100	100	150

UL Box Listings

Class	Group
I	D

Specifications

Box Construction: Heavy wall castings. Precision machined surfaces. Four 1/4-20 screws fasten top to box.

Box Capacity: 20 cubic inches

Socket: Medium base with glazed porcelain husk. Leads pass through 1/2" male fitter filled with sealing compound that separates lamp chamber from wiring compartment. Heavy gauge nickel plated copper components. Spring loaded center contact.

Reflectors: Heavy gauge aluminum with highly reflective white epoxy powder coat finish.

Finish: Epoxy powder coat

Close-up Plugs: Aluminum slotted plugs with 6 full threads. One provided for each box hole.

Patents: The designs of RAB products are protected under U.S. and international intellectual property laws.

Info Online 24/7

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions



John Lovitz in the "Saturday Night Live" studio featuring RAB Dome Reflectors (and Catherine Zeta-Jones)

Std. Dome Reflector

Direct light down with a dome reflector. Highly reflective surfaces over heavy gauge aluminum base. Field installable with 4 screws provided with fixture. Does not fit EB Bracket fixtures.

Finish: ○ White



Angle Reflector

Direct light down and to the side with a 30° angle reflector. Highly reflective white epoxy powder surfaces over heavy gauge aluminum base. Field installable with 4 screws provided with fixture.

Finish: ○ White



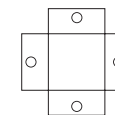
EXB 4 Hole Box

Explosionproof junction box for wiring. With cover tap it allows pendant fixture hanging. 4 NPT tapped hubs in sides. 3 close-up plugs provided. Blank, 1/2" or 3/4" NPT tapped covers.

Finish: ● Silver Gray



EXB Box shown with Blank Cover



EXB 4 hole positions

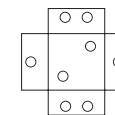
EXJ 8 Hole Box

Explosionproof junction box for wiring. With cover tap it allows pendant fixture hanging. 6 tapped hubs in sides, two in bottom. 7 close-up plugs provided. Blank, 1/2" or 3/4" NPT tapped covers.

Finish: ● Silver Gray



EXJ1 Box shown with 1/2" NPT Cover Tap



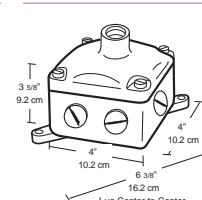
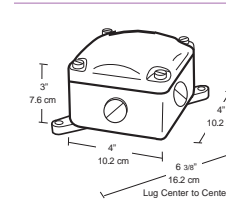
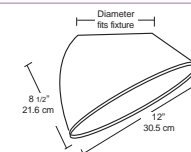
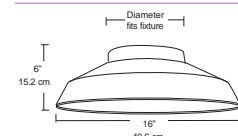
EXJ 8 hole positions

Catalog Numbers

RE200ST

RE200A

Dimensions



WEATHERPROOF COVERS



Mount floodlights and sensors easily and securely on color matched heavy duty covers with threaded holes.

1/8" thick weatherseal gasket is closed cell silicone rubber for long lasting seal that won't crumple or break



Strong, corrosionproof polycarbonate

Brass screws provided

Die cast aluminum covers are color matched to RAB lighting fixtures

Fourth hole is perfect for motion sensor mounting

Close-up plugs allow Phillips or slotted screwdrivers for easy installation

Installing Outdoor Lighting is EZ with the RAB EZ Plate!



Fits All Boxes!



RAB's distinctive see-thru Weatherproof packaging has all the information you need and keeps parts organized

Specifications

UL Listing: Suitable for wet locations

Covers: Precision die cast aluminum or molded polycarbonate plastic with 1/2" threaded holes.

Screws: 10-24 Brass Round Head Phillips/slotted

Gasket: 1/8" thick closed cell silicone rubber for long lasting seal won't crumple or break.

Replacement Plugs: Available for round and rectangular covers and boxes:

	1/2"	3/4"	1"
Natural	R9	R10	R13*
Silver Gray	R9S	R10S	
Black	R9B	R10B	
Bronze	R9A	R10A	
White	R9W	R10W	
Verde Green	R9VG	R10VG	

* only slotted



EZ-Plate Universal Mounting Plate

Die cast sensor & floodlight mounting plate fits round, rectangular, octagonal, recessed & surface mount boxes. Lower hole offers better sensor mounting position. 3 close-up plugs, thick, weatherproof gaskets, universal mounting bar and Hanging Helper Hook provided.

- Finish:
- Bronze
 - White
 - Black
 - Silver Gray
 - Verde Green



Gaskets glued to plates for easy installation.

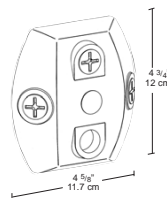


Larger wiring hole!

Catalog Numbers

Finish	4 Hole	Diam.	Tap	Natural	Bronze	White
Bronze	CU4A	3"	blank	X3C		
Black	CU4B	4"	blank	XC		
Silver Gray	CU4	4"	1/2"	XC1	XC1A	XC1W
White	CU4W	4"	3/4"	XC2		
Verde Green	CU4VG					

Dimensions



- Finish:
- Bronze
 - White
 - Natural



Die Cast Round Covers

Die cast round covers with one or three 1/2" holes. Fit 4" round boxes. Supplied with thick foam rubber gasket and two #10-24 brass screws. 3 hole cover comes with one die cast 1/2" close-up plug.

- Finish:
- Bronze
 - White
 - Black
 - Silver Gray
 - Verde Green



Polycarbonate Tuff Covers

Corrosionproof round four hole cover. Tough polycarbonate with molded-in color. Fourth hole is perfect for motion sensor mounting. Fits 4" round boxes. Rectangular cover with three 1/2" threaded holes. Fits FS, cast and recessed single outlet boxes. Supplied with thick foam rubber gasket. One molded 1/2" close-up plug and (2) brass screws.

- Finish:
- Black
 - White



Die Cast Rectangular Covers

Die cast rectangular covers with one or three 1/2" threaded holes. Fits FS, cast and recessed single outlet boxes. Supplied with thick foam rubber gasket and two #6-32 brass screws. 3 hole cover comes with one die cast 1/2" close-up plug.

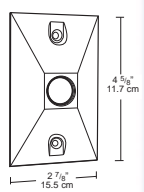
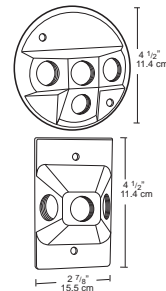
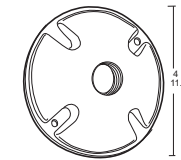
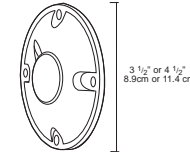
- Finish:
- Bronze
 - White
 - Black
 - Silver Gray
 - Verde Green



Finish	1 Hole	3 Hole
Bronze	C100A	C103A
Black	C100B	C103B
Silver Gray	C100	C103
White	C100W	C103W
Verde Green	C100VG	C103VG

Finish	Round 4 Hole	Rect. 3 Hole
Black	C4TB	R3TB
White	C4TW	R3TW

Finish	1 Hole	3 Hole
Bronze	R14-1A	R14-3A
Black	R14-1B	R14-3B
Silver Gray	R14-1	R14-3
White	R14-1W	R14-3W
Verde Green	R14-1VG	R14-3VG

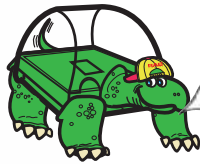


WEATHERPROOF COVERS



Weatherproof covers for outlet boxes.

New!
Sturdy, clear cover for easy visibility



New In-Use Covers are Turtle Tough!

Easy locking clasp

1/8" thick weatherseal gasket is closed cell silicone rubber for long lasting seal that won't crumple or break



Heavy, die cast aluminum

Mounting hardware supplied

Close-up plugs allow Phillips or slotted screwdrivers for easy installation

RAB's distinctive see-thru Weatherproof packaging has all the information you need and keeps parts organized

Clear PVC plastic Turtle cover with lockable latch



Smooth edged electrical cord slots

Fits all popular devices!



Add an electrical box to your Lawn Light with a Turtle Cover on a Mighty Post Adapter. See page 134.



Turtle In-Use Cover

The Turtle In-Use weatherproof cover protects in-use electrical devices in wet locations. Strong and durable enough to last in all weather conditions, year round. Clear cover with colored back plate.

- Finish:
- Gray
 - Black
 - White
 - Verde Green

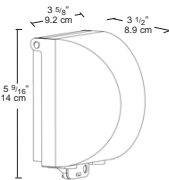


Open (shown with GFI outlet and decorative wall plate - not included)

Catalog Numbers

	Gray	Black	White	Verde Green	Single Outlet	Double Outlet
	TCS	TCB	TC1W	TCVG	CR1	CR2

Dimensions



Blank Rectangular Covers

For weatherproof safety, these stamped aluminum covers fit single (CR1) and double (CR2) outlet boxes. Supplied with thick weatherseal gaskets and mounting screws.

Finish: ● Silver Gray



Close-up Plugs

Fits all RAB covers and boxes to provide weatherproof seal. Precision die cast with clean threads. Plugs accept both Phillips and slotted screwdrivers for easy installation. Choose the diameter and color to fit your application.

- Finish:
- Natural
 - Silver Gray
 - Black
 - Bronze
 - White
 - Verde Green



GFI Covers

Ground Fault Interruptor duplex outlet covers for vertical or horizontal installation on single outlet boxes. Heavy die cast covers with spring loaded lids and thick weatherseal gaskets.

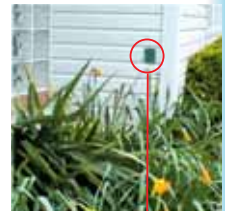
Finish: ● Natural



Outlet Covers

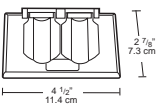
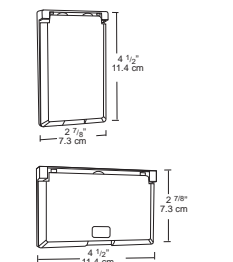
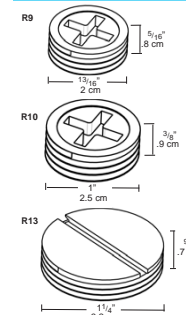
Bring convenient power outlets outdoors safely. These heavy die cast covers with spring-loaded lids and weatherseal gaskets keep water out. Fits all duplex receptacles in single outlet boxes. Epoxy powder coated.

Finish: ● Silver Gray



A Turtle Cover provides safe, convenient outdoor power.

	1/2"	3/4"	1"	Vertical	Horizontal	Silver Gray
Natural	R9	R10	R13*	GFI-V	GFI-H	CO1
Silver Gray	R9S	R10S				
Black	R9B	R10B	* only slotted			
Bronze	R9A	R10A				
White	R9W	R10W				
Verde Green	R9VG	R10VG				



Specifications cULus

- UL Listing:**
Wet locations
- Material:**
Precision die cast or stamped aluminum.
Spring loaded covers.
Turtle In-Use Cover: Clear PVC
Turtle back plate: PVC
- Screws:**
6-32 Nickel Plated Brass
- Patents:**
The designs of the RAB Turtle Cover are protected under U.S. Patent D533510, Canada Patent 114465, Taiwan Patent D114568, CN Patent ZL200530143366.6

Info Online 24/7

- www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Gasket
1/8" thick closed cell silicone rubber for long lasting seal won't crumple or break.



WEATHERPROOF ROUND BOXES



Die cast aluminum round boxes with sturdy lugs for wall or ceiling mounting.

Sturdy mounting lugs for wall or ceiling mounting

Brass screws

Green hex slotted washer head ground screw in pre-tapped hole

Available with 1/2" and 3/4" holes in 4 sides and in back

Heavy, die cast aluminum

Close-up plugs allow Phillips or slotted screwdrivers for easy installation

1/8" thick weatherseal gasket is closed cell silicone rubber for long lasting seal that won't crumple or break

Thick RAB Gasket Actual size "others"

RAB's distinctive see-thru Weatherproof packaging has all the information you need and keeps parts organized



Round Box Without Cover

Die cast aluminum wiring box with weatherproof gasket, ground screw, and two sturdy lugs for wall or ceiling mounting. Supplied with four color matched close-up plugs.

Finish: ● Bronze ● Black ○ White ● Natural ● Silver Gray ● Verde Green



Round Box with Blank Cover

Die cast aluminum wiring box with weatherproof gasket, ground screw, and two sturdy lugs for wall or ceiling mounting. Die cast aluminum cover without center hole supplied with 4 brass screws.

Finish: ● Natural



Round Box with One 1/2" Cover Hole

Die cast aluminum wiring box with weatherproof gasket, ground screw, and two sturdy lugs for wall or ceiling mounting. Die cast aluminum cover with one 1/2" hole supplied with 4 brass screws.

Finish: ● Natural



Round Box with One 3/4" Cover Hole

Die cast aluminum wiring box with weatherproof gasket, ground screw, and two sturdy lugs for wall or ceiling mounting. Die cast aluminum cover with one 3/4" hole supplied with 4 brass screws.

Finish: ● Natural



Round Box with 3 1/2" Cover Holes

Die cast aluminum wiring box with weatherproof gasket, ground screw, and two sturdy lugs for wall or ceiling mounting. Die cast aluminum cover with three 1/2" holes supplied with 2 brass screws and one close-up plug.

Finish: ● Bronze ● Black ○ White ● Natural ● Verde Green



Catalog Numbers

Box Diameter	Thread size (of side holes)
4"	1/2"
4"	3/4"
3"	1/2"
3"	3/4"

No Cover	Black	White	Verde
Bronze	Natural	Green	
VXCA	VXCB	VXCW	VXC
VXCVG			
VXCA-3/4	VXCB-3/4	VXCW-3/4	VXC-3/4
VXCVG-3/4			
		LRTC	
		LRTC-3/4	

Box Diameter	Thread Size	Blank Cover Natural
4"	1/2"	VXJ
4"	3/4"	VXJ-3/4
3"	1/2"	LRT4
3"	3/4"	LRT4-3/4

One 1/2" Cover Hole Natural
VXJ1
VXJ1-3/4
LRT5
LRT5-3/4

One 3/4" Cover Hole Natural
VXJ2
VXJ2-3/4

Three 1/2" Cover Holes	Verde			
Bronze	Black	White	Natural	Green
VX3A	VX3B	VX3W	VX3	VX3VG
			LRT3	
			LRT3-3/4	

Specifications

UL Listing: Suitable for wet locations

Box Material: Precision die cast aluminum

Gasket: 1/8" thick closed cell EPDM Foam for long lasting seal that won't crumple or break.

Thick RAB Gasket Actual size "others"

Screws: 10-24 Brass Round Head Phillips/slotted

Gasket: 1/8" thick closed cell silicone rubber

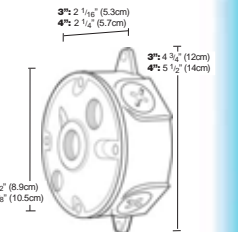
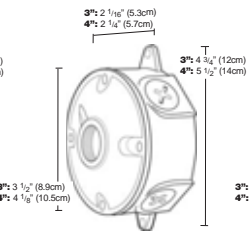
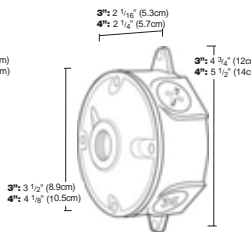
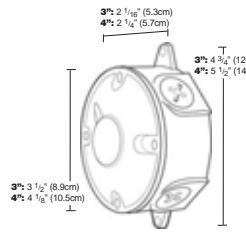
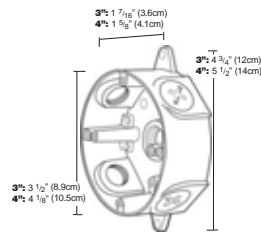
Ground Screw: #10-24 Green corrosion protected steel slotted washer head screw provided in pre-tapped hole.

Patents: The designs of RAB products are protected under U.S. and international intellectual property laws.

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Dimensions



WEATHERPROOF BOXES & SLIPFITTERS

Die cast aluminum outlet boxes, slip fitters, "Y" adapters and mounting troughs.



Cleanly styled metal & PVC slip fitters

"Flexi" mounting lugs can mount to top or side

Green hex slotted washerhead ground screw in pre tapped hole

Heavy die cast aluminum

Two easy knockout mounting holes

Versatile cover mounting system accepts most common covers

Close-up plugs allow Phillips or slotted screwdrivers for easy installation. See page 161 to order extra plugs

Single Outlet Box

Die cast aluminum with two unique "Flexi-lugs" for wall or pole mounting of outdoor outlets, switches or floodlights. Ground screw and close-up plugs provided. Cubic capacity is 18.3 cu. inches.

- Finish:
- Silver Gray
 - Bronze
 - Black
 - Verde Green
 - White



Double Outlet Box

Die cast aluminum with two unique "Flexi-lugs" for wall or pole mounting of outdoor outlets, switches or floodlights. Ground screw and close-up plugs provided. Cubic capacity is 30.5 cu. inches.

- Finish: ● Silver Gray



Thru-Wall Box

Die cast aluminum for thru-wall or conduit end floodlight mounting. Three 1/2" threaded holes. Side opening cover for easy access and splicing. 1/2" thru wall tapped hub.

- Finish: ● Natural



SlipFitters

Molded PVC or aluminum Pole Slip-Fitters for mounting fixtures or boxes to top of poles or posts. 1/2" top tap standard. 3/4" top tap on R5-3/4 and R7-3/4 only. Set screws provided.

- Finish:
- Natural
 - Black
 - White
 - Verde Green



Mounting Trough

Aluminum trough holds up to 7 Floodlights for full 360° gasketed coverage from a single location. Trough measures 11" long. Five 1/2" tapped hubs on top, 3 on bottom, 1 on side.

- Finish: ● Natural



Metal Mighty Caps



MMCAP (See page 133)

PVC Mighty Caps



MCAP

(See Page 133 for more Mighty Cap Info)

Y Adaptor

Sand cast aluminum "Y" adaptor mounts two floodlights in a single 1/2" threaded hole.

- Finish: ● Natural



Product Information

Hole Location	# holes	Tap Size
	3	1/2" 3/4"
	4	1/2" 3/4"
	5	1/2" 3/4"
	5	1/2" 3/4"

Catalog Numbers

Silver Gray	Black	Bronze	Verde Green	White
B3 B3-3/4	B3B	B3A	B3VG	B3W
B4 B4-3/4	B4B	B4A	B4VG	B4W
B5 B5-3/4				
B5X B5X-3/4				

Hole Location	# holes	Tap Size	Silver Gray
	3	1/2" 3/4"	BD3 BD3-3/4
	4	1/2" 3/4"	BD4 BD4-3/4
	5	1/2" 3/4"	BD5 BD5-3/4
	5	1/2" 3/4"	BD5X BD5X-3/4
	7	1/2" 3/4"	BD7 BD7-3/4
	7	1/2" 3/4"	BD7X BD7X-3/4

Specifications

UL Listing:
Suitable for wet locations

Outlet Box Construction:
Precision die cast aluminum

Outlet Box Mounting Lugs:
16 gauge corrosion protected steel with Phillips Flat head mounting screws

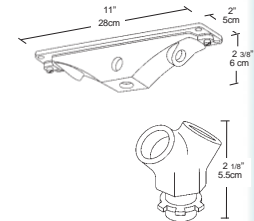
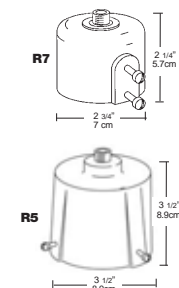
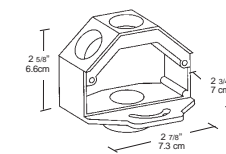
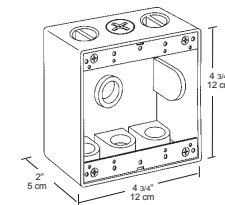
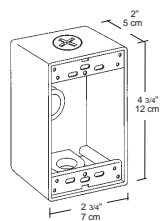
Ground Screw:
#10-24 Green corrosion protected steel slotted hex washer head screw provided in pre-tapped hole.

Patents:
The designs of RAB products are protected under U.S. and international intellectual property laws.

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
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Dimensions



DESIGN DATA

Lamps & Ballasts

Metal Halide BALLASTS

RAB Catalog #	Watts	Type	Input Watts	Volts	Starting Amps / Operating Amps				Burn Position
					120V	208V	240V	277V	
BMHN50	50	HX-NPF	69	120V	2/1.6				U
BMHN50/277	50	R-NPF	62	277V			.7/1		U
BMHH50	50	HX-HPF	69	120V	8/0.7				U
BMH50QT	50	HX-HPF	72	QT	6/1.6	4/4	3/3	3/3	U
BMHN70	70	HX-NPF	94	120V	25/21				U
BMHN70	70	HX-HPF	94	120V	1/9				U
BMHN70/277	70	R-NPF	85	277V			1.2/9		U
BMHH70/277	70	R-HPF	85	277V			5/4		U
BMHH70DT	70	HX-HPF	88	DT	6/8		3/4		U
BMHH70QT	70	HX-HPF	90	QT	6/9	3/5	3/5	3/4	U
BMHN100/277	100	R-NPF	118	277V			1.3/11		U
BMHH100/277	100	R-HPF	118	277V			7/5		U
BMHH100DT	100	HX-HPF	129	DT	12/12		6/5		U
BMHH100QT	100	HX-HPF	129	QT	12/12	7/7	7/8	6/5	U
BMHH100/480	100	HX-HPF	132	480V					U
BMHH125PSQ	125	CWA-HPF	150	QT	9/13		4/6		U
BMHH150QT	150	HX-HPF	185	QT	1/1.6	6/9	5/8	5/7	U
BMHH150PSQ	150	HX-HPF	185	QT	13/1.6	1/1	7/8	6/7	U
BMHH175/480	150/175	CWA-HPF	185/210	480V					4/5
BMHH175	150/175	CWA-HPF	185/210	120V	1.3/1.8				U
BMHH175QT	150/175	CWA-HPF	185/210	QT	1.3/1.8	.8/1.1	7/9	6/8	U
BMHH175/480	150/175	CWA-HPF	185/210	480V					4/5
BMHH175PSQ	175	CWA-HPF	208	QT	1/1.9	6/1.1	5/1	5/8	U
BMHH200PSQ	200PS	CWA-HPF	232	QT	1.4/2	.8/1.2	7/1	6/9	U
BMHH200PSQ	200PS	CWA-HPF	232	QT	1.4/2	.8/1.2	7/1	6/9	U
BMHH250QT	250	CWA-HPF	298	QT	22/2.5	1.3/1.5	1.1/1.3	1/1.1	U
BMHH250/480	250	CWA-HPF	295	480V					6/7
BMHH250PSQ	250PS	CWA-HPF	288	QT	1.4/2.5	.8/1.5	7/1.3	6/1.1	U
BMHH320PSQ	320PS	CWA-HPF	368	QT	2.5/3.2	1.5/1.8	1.3/1.6	1/1.1	U
BMHH350PSQ	350PS	CWA-HPF	400	QT	3.3/3.6	1.9/2.1	1.7/1.8	1.4/1.6	U
BMHH400QT	400	CWA-HPF	458	QT	3.5/4	2/2.3	1.8/2	1.5/1.8	U
BMHH400QT	400	CWA-HPF	458	QT	3.5/4	2/2.3	1.8/2	1.5/1.8	U
BMHH400/480	400	CWA-HPF	462	480V					9/1
BMHH400/480	400	CWA-HPF	462	480V					9/1
BMHH400PSQ	400PS	CWA-HPF	450	QT	3.5/4	2/2.3	1.8/2	1.5/1.8	U
BMHH1000QT	1000	CWA-HPF	1080	QT	7.8/9	4/5.2	3.7/4.5	3.2/3.9	1/9
BMHH1000/480	1000	CWA-HPF	1080	480V					2/3

Induction**

BQL55	55	E-HPF	60	120V	.5				
BQL85	85	E-HPF	96	120V	.7				

** It is recommended that the complete system be changed when relamping including the Generator, Power Coupler and Vessel



PULSE START
High Efficiency Metal Halide
Complies with EISA 2007

Metal Halide LAMPS

RAB Catalog #	Watts	Base	ANSI Code	Type	Initial Lumens	Life Hours	Burn Position
LMH70	70	Medium	M98	ED17	5,600	15,000	U
LMH100	100	Medium	M90	ED17	9,000	15,000	U
LMH125PS	125	Medium	M150	ED17	12,000	15,000	BU90
LMH150	150	Medium	M107	ED17	13,500	19,000	U
LMH150PS	150	Medium	M102	ED17	14,000	15,000	U
LMH175	150	Medium	M102	EDX17	13,300	15,000	U
LMH175	175	Medium	M57	ED17	14,000	10,000	U
LMH200PS	200	Mogul	M136	ED28	21,000	15,000	H75
LMH250	250	Mogul	M58	ED28	21,000	10,000	U
LMH250PS	250	Mogul	M138/153	ED28	25,000	15,000	H75
LMH320PS	320	Mogul	M132/M154	ED28	31,000	20,000	H75
LMH350PS	350	Mogul	M131	ED28	35,000	20,000	H75
LMH400Z	400	Mogul	M59	ED28	36,000	20,000	U
LMH400Z	400	Mogul	M59	ED28	36,000	20,000	U
LMH400Z	400	Mogul	M59	ED28	36,000	20,000	U
LMH400PS	400	Mogul	M135/M155	ED28	40,000	20,000	H75
LMH1000	1000	Mogul	M47	BT56	110,000	12,000	U
LMH1000	1000	Mogul	M47	BT56	110,000	12,000	U

LQL55	55	**	**	**	3,500	100,000	
LQL85	85	**	**	**	6,000	100,000	

Incandescent

LI75	75	Medium	A19	1,200	750	
LI100	100	Medium	A19	1,730	750	
LI150	150	Medium	A21	2,850	750	
LI200	200	Medium	A23	3,850	750	
LI300	300	Medium	PS25	6,280	750	

Burn Position Key

U = Universal
BU = Base Up
BU90 = Base Up +/- 90°
H75 = Horizontal +/- 75°

High Pressure Sodium BALLASTS

RAB Catalog #	Watts	Type	Input Watts	Volts	Starting Amps / Operating Amps				
					120V	208V	240V	277V	480V
BHPSN35	35	R-NPF	46	120V	1.4/9				
BHPSH35	35	R-HPF	46	120V	8/4				
BHPSN50	50	R-NPF	62	120V	1.8/12				
BHPSH50	50	R-HPF	62	120V	1/6				
BHPSH50DT	50	HX-HPF	66	DT	65/61			3/3	
BHPSN70	70	R-NPF	86	120V	2.1/16				
BHPSH70	70	R-HPF	86	120V	9/8				
BHPSH70DT	70	HX-HPF	91	DT	8/9			0.4/0.4	
BHPSH70QT	70	HX-HPF	91	QT	8/9	0.5/0.5	0.4/0.4	0.4/0.4	
BYHPS70	70	R-NPF	86	120V	2.1/16				
BHPSN100	100	R-NPF	115	120V	3.1/21				
BHPSH100	100	R-HPF	115	120V	15/11				
BHPSH100DT	100	HX-HPF	130	DT	13/12			6/5	
BHPSH100QT	100	HX-HPF	130	QT	13/12	8/7	7/6	6/5	
BHPSN150	150	R-NPF	170	120V	4.5/32				
BHPSH150	150	R-HPF	170	120V					
BHPSH150DT	150	HX-HPF	188	DT				9/0.8	
BHPSH150QT	150	HX-HPF	188	QT	2/1.7	1.2/1	1/9	9/1.8	
BHPSH150/480	150	CWA-HPF	188	480V					3/5
BYHPS150	150	R-NPF	170	120V	4.5/32				
BHPSH250QT	250	CWA-HPF	295	QT	1.7/2.5	1/1.5	8/1.3	7/1.1	
BHPSH250/480	250	CWA-HPF	310	480V					4/7
BHPSH400QT	400	CWA-HPF	464	QT	3.3/3.8	1.8/2.2	1.5/1.9	1.4/1.7	8/1
BHPSH400/480	400	CWA-HPF	464	480V					
BHPSH1000QT	1000	CWA-HPF	1100	QT	6.4/9.5	3.8/5.5	3.2/4.8	2.8/4.2	
BHPSH1000/480	1000	CWA-HPF	1100	480V					1.6/2.3

Mercury Vapor

BYM175	175	R-NPF	215	120V	3.5/1.8				
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Fluorescent

BCFL7	7	NPF	9	120V	.2				
BCFL9	9	NPF	10	120V	.2				
BCFL13	13	NPF	17	120V	.3				
BCFL13	13	NPF	17	120V	.3				
BCFL13-4E	13	E-HPF	16	120-277V	.2				
BCFL22	22	NPF	25	120V	.7				
BCFL28	28	NPF	32	120V	.6				
BCFL26	26	E-HPF	29	120-277V	.3	.2	.2	.2	
BCFL26	2X26	E-HPF	54	120-277V	.5	.3	.3	.2	
BCFL42	32	E-HPF	36	120-277V	.4	.2	.2	.2	
BCFL42	42	E-HPF	46	120-277V	.4	.3	.2	.2	
BCFL2X42	2X42	E-HPF	93	120-277V	.8	.5	.5	.4	
BYCFL65	65	E-HPF	70	120V	.9				
BCFL120	60	E-HPF	70	120-277V	.6	.5	.4	.3	
BCFL120	85	E-HPF	98	120-277V	.9	.8	.7	.5	
BCFL120	120	E-HPF	139	120-277V	1.2	1	.8	.6	

Self Ballasted Fluorescent

LFS13	13	Elec	120V	.19					
LFS23	23	Elec	120V	.35					



SELF-BALLASTED CFL
Saves Energy
Saves Money!

High Pressure Sodium LAMPS

RAB Catalog #	Watts	Base	ANSI Code	Type	Initial Lumens	Life Hours
LHPS50	50	Medium	S68	ED17	4,000	24,000
LHPS70	70	Medium	S62	ED17	6,300	24,000
LHPS100	100	Medium	S54	ED17	9,500	24,000
LHPS150	150	Medium	S55	ED17	16,000	24,000
LHPS250	250	Mogul	S50	ED18	27,000	24,000
LHPS400	400	Mogul	S51	ED18	50,000	24,000
LHPS1000	1000	Mogul	S52	ED25	140,000	24,000
LMV175	175	Mogul	H39	ED28	7,900	24,000
LCFL7T	7	Twin		G23	400	10,000
LCFL9Q	9	Quad		G23	525	10,000
LCFL13T	13	Twin		GX23	825	10,000
LCFL13Q	13	Quad - 2 pin		GX23-2	860	10,000
LCFL13Q-4P	13	Quad - 4 pin		GX24-3	900	10,000
LCFL13Q-VBF	13	Quad - 4 pin		GX24-3	1,200	10,000
LCFL22Q	22	Quad		GX324-2	1,600	10,000
LCFL28Q	28	Quad		GX324-3	1,600	10,000
LCFL26	26	Triple		GX24-3	1,800	12,000
LCFL32	32	Triple		GX24-3	2,400	12,000
LCFL42	42	Triple		GX24-4	3,200	12,000
LCFL65	65	Oct		Medium	4,300	8,000
LCFL60	60	Hex		2G8	4,000	20,000
LCFL85	85	Hex		2G8	6,000	20,000
LCFL120	120	Hex		2G8	9,000	20,000

Quartz

LQ75	75	Bi-Pin	GY6.35	T4	1,500	1,500
LQ75-GY8	75	Bi-Pin	GY8	T4	1,500	1,500
LQ150	150	Double-Ended		T3	2,800	2,000
LQ200	200	Double-Ended		T3	3,600	2,000
LQ300	300	Double-Ended		T3	6,000	2,000
LQ500	500	Double-Ended		T3	10,500	2,000
LQ1500	1500	Double-Ended		T3	33,000	2,000
LQ1500-208						

DESIGN DATA WALLPACK Photometrics

Wallpack product information on pages 22-37



Color key: Values shown in footcandles

Easy Lighting Layouts

To determine the footcandle levels that RAB fixtures can provide for your applications:

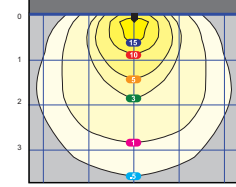
1. Estimate your fixture mounting height, lamp type and wattage using the EZ Lighting Guidelines on pages 8-11.
2. a) Go to www.rabweb.com, click on "PRODUCTS" and find the product suggested by the Guidelines. On the individual product page, use the "EZ Lighting Layouts" interactive program and specify the information in steps 1 through 4 to create your layout online. Click on "Print Preview" to see a layout submittal sheet. Fill in your job name and description and print the page for your customer. See www.lightinglayouts.com for instructions on how to use this online layout program. Call 888 RAB-1000 for assistance.

or b) Use the photometric diagrams and multiplier charts on this page to determine the footcandle levels possible with each fixture. If your mounting height or lamp type or wattage differ from the data on the diagram, use the multiplier charts to compute the footcandle levels. If necessary, adjust your mounting height or wattage to obtain the footcandle levels needed. For multiple fixture application, footcandle values can be added together where the curves intersect. The online EZ Lighting Layout program at www.rabweb.com is much easier, exact and gives you a professional lighting layout printout.

or c) To download IES photometric files into your own layout program from www.rabweb.com, search for the product and click on the "IES File" tab in the "PHOTOMETRICS" section of the page.

DESIGN DATA WALLPACK Photometrics

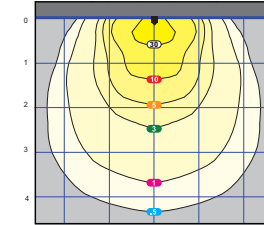
WP2
150w HPS @10' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
8	1.6	42	—	—	.2
10	1.0	70	.4	.4	—
15	.4	84	—	—	.4
20	.3	100	.6	.6	—
25	.2	125	—	.8	—
		150	1.0	.8	—
		175	—	.8	—

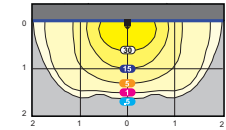
WP2C Cutoff
150w HPS @10' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
8	1.6	42	—	—	.2
10	1.0	70	.4	.4	—
15	.4	84	—	—	.4
20	.3	100	.6	.6	—
25	.2	125	—	.8	—
		150	1.0	.8	—
		175	—	.8	—

WP2FC Full Cutoff
150w HPS @10' Mounting Height

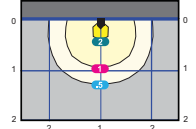


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
8	1.6	42	—	—	.2
10	1.0	70	.4	.4	—
15	.4	84	—	—	.4
20	.3	100	.6	.6	—
25	.2	125	—	.8	—
		150	1.0	.8	—
		175	—	.8	—

WPLED10

10w LED @ 10' Mounting Height

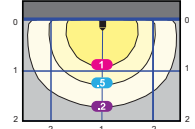


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier
6	2.8
8	1.6
10	1.0
12	0.7

WPLED13

13w LED @ 15' Mounting Height

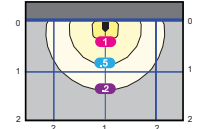


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier
10	2.3
12	1.6
15	1.0
18	0.7
20	0.6

WPLED20

20w LED @ 20' Mounting Height

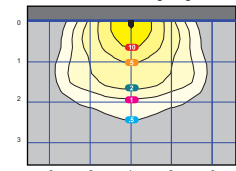


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier
10	4.0
12	2.8
15	1.8
18	1.2
20	1.0
25	0.6

WP3

250w HPS @ 20' Mounting Height

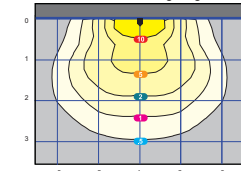


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
10	4.0	120	—	—	.3
15	1.8	200	.7	—	—
20	1.0	250	1.0	.7	—
25	0.6	320	—	.9	—
35	0.3	320	—	1.1	—
		350	—	1.2	—
		400	1.8	1.3	—
		400	—	1.4	—

WP3C

250w HPS @ 20' Mounting Height

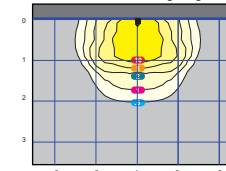


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
10	4.0	120	—	—	.3
15	1.8	200	.7	—	—
20	1.0	250	1.0	.7	—
25	0.6	320	—	.9	—
35	0.3	320	—	1.1	—
		350	—	1.2	—
		400	1.8	1.3	—
		400	—	1.4	—

WP3FC

250w HPS @ 20' Mounting Height

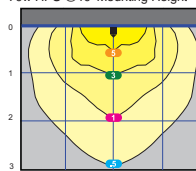


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
10	4.0	120	—	—	.3
15	1.8	200	.7	—	—
20	1.0	250	1.0	.7	—
25	0.6	320	—	.9	—
35	0.3	320	—	1.1	—
		350	—	1.2	—
		400	1.8	1.3	—
		400	—	1.4	—

WP1

70w HPS @10' Mounting Height

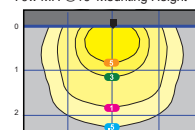


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
8	1.6	35	.4	—	—
10	1.0	42	—	—	.5
15	.4	50	.6	.5	—
20	.3	70	1.0	.9	—
25	.2	100	1.5	—	—

WP1C Cutoff

70w MH @10' Mounting Height

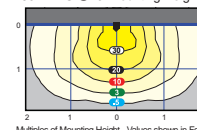


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
8	1.6	35	.4	—	—
10	1.0	42	—	—	.6
15	.4	50	.7	.6	—
20	.3	70	1.1	1.0	—
25	.2	100	1.7	—	—

WP1FC Full Cutoff

150w HPS @10' Mounting Height

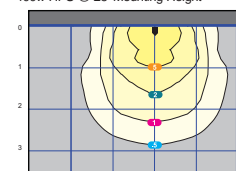


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
8	1.6	35	.1	—	—
10	1.0	42	—	—	.2
15	.4	50	.3	.2	—
20	.3	70	.4	.4	—
25	.2	100	.6	.6	—
		150	1.0	—	—

WP4

400w HPS @ 25' Mounting Height

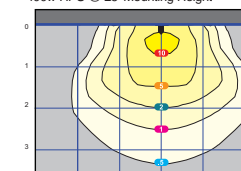


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
10	6.3	200	—	.7	—
15	2.8	250	1.0	.7	—
20	1.6	250	—	.9	—
25	1.0	320	—	1.1	—
30	.5	350	—	1.2	—
		400	1.8	1.3	—
		400	—	1.4	—

WP4C

400w HPS @ 25' Mounting Height

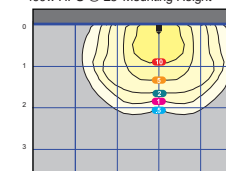


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
10	6.3	200	—	.7	—
15	2.8	250	1.0	.7	—
20	1.6	250	—	.9	—
25	1.0	320	—	1.1	—
30	.5	350	—	1.2	—
		400	1.8	1.3	—
		400	—	1.4	—

WP4FC

400w HPS @ 25' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
10	6.3	200	—	.7	—
15	2.8	250	1.0	.7	—
20	1.6	250	—	.9	—
25	1.0	320	—	1.1	—
30	.5	350	—	1.2	—
		400	1.8	1.3	—
		400	—	1.4	—

DESIGN DATA FLOODLIGHTS Photometrics

See pages 42-83 for Floodlights and Area Lighting fixtures

Download IES Photometric files from www.rabweb.com
Search for the product and click "IES File"

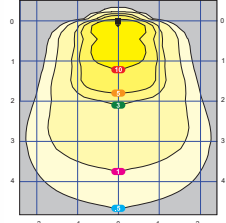
Color key: Values shown in footcandles

www.lightinglayouts.com
For Easy Online Layouts & Spec Sheets 24/7



Future Flood

150w HPS - 10' Mounting height - 30° below horizontal

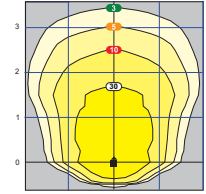


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CP
8	1.6	35	.1	—	—
10	1.0	42	—	—	.2
15	.4	50	.3	.2	—
20	.3	70	.4	.4	—
25	.2	100	.6	—	—
150	1.0	—	—	—	—

Future Flood (Sign & Wall)

150w HPS - 5' from wall - 45° above horizontal



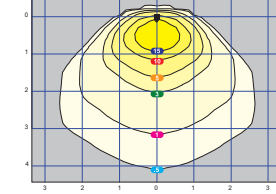
Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CP
3	2.8	35	.1	—	—
5	1.0	42	—	—	.2
8	.4	50	.3	.2	—
10	.3	70	.4	.4	—
12	.2	100	.6	.6	—
150	1.0	—	—	—	—

DESIGN DATA FLOODLIGHTS Photometrics

FlexFlood®

175w MH - 10' Mounting Height - 30° below horizontal

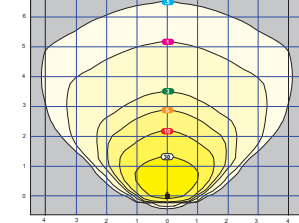


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CP
8	1.6	42	—	—	.3
10	1.0	70	.5	.4	—
15	.4	100	.7	.7	—
20	.3	125	—	.9	—
25	.2	150	—	1.0	—
150	1.0	—	—	—	—
175	—	—	—	—	—

FlexFlood® (Sign & Wall)

150w PS MH - 5' from wall - 60° above horizontal

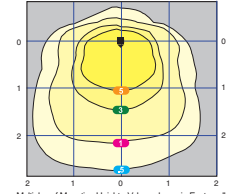


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CP
3	2.8	42	—	—	.3
5	1.0	70	.5	.4	—
8	.4	100	.7	.7	—
10	.3	125	—	.9	—
12	.2	150	—	1.0	—
150	1.2	—	—	—	—
175	—	—	—	—	—

FlexFlood® XL

400w HPS - 30' Mounting Height - 45° below horizontal

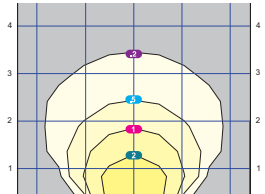


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH
15	4.0	200	—	.4
20	2.3	250	.6	.4
30	1.0	320	—	.5
35	.7	350	—	.6
40	.6	400	1.0	.7
400	—	—	—	.8

HBLED10 (Sign & Wall)

10w HBLED Flood @ 5' Setback - 60° above horizon

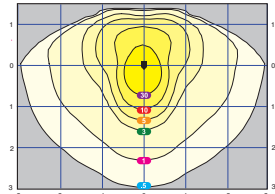


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH
8	1.6	35	.1	—
10	1.0	50	.3	.2
15	.4	70	.4	.4
20	.3	100	.6	.6
25	.2	125	—	.8
150	—	—	—	.9
150	1.0	—	—	.8
175	—	—	—	.8

EZ Flood

150w HPS - 10' Mounting Height - 30° below horizontal

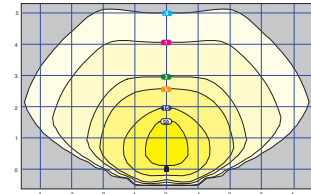


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH
8	1.6	35	.1	—
10	1.0	50	.3	.2
15	.4	70	.4	.4
20	.3	100	.6	.6
25	.2	125	—	.8
150	—	—	—	.9
150	1.0	—	—	.8
175	—	—	—	.8

EZ Flood (Sign & Wall)

150w HPS - 5' from wall - 45° above horizontal

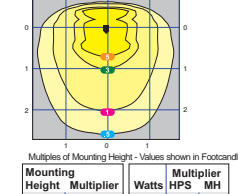


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH
3	2.8	35	.1	—
5	1.0	50	.3	.2
8	.4	70	.4	.4
10	.3	100	.6	.6
12	.2	125	—	.8
150	—	—	—	.9
150	1.0	—	—	.8
175	—	—	—	.8

Floodzilla®

400w HPS fixture @30' mounting ht. - 45° below horizontal

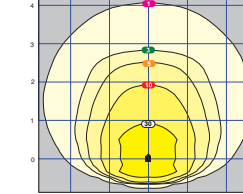


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH
15	4.0	175	—	.3
20	2.3	200	—	.4
30	1.0	250	.6	.4
35	.7	250	—	.5
40	.6	320	—	.6
350	—	—	—	.7
400	1.0	—	—	.7
400	—	—	—	.8

Floodzilla® (Sign & Wall)

400w HPS fixture 10' from wall/Sign - 45° above horizontal

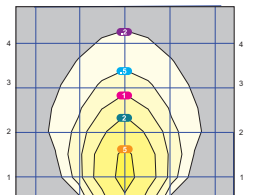


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH
5	4.0	200	—	.4
10	1.0	250	.6	.4
12	.7	250	—	.5
15	.4	320	—	.6
350	—	—	—	.7
400	1.0	—	—	.7
400	—	—	—	.8

HBLED10 (Sign & Wall)

10w HBLED Spot @ 5' Setback - 60° above horizon

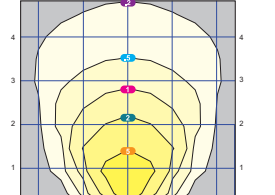


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH
8	1.6	35	.1	—
10	1.0	50	.3	.2
15	.4	70	.4	.4
20	.3	100	.6	.6
25	.2	125	—	.8
150	—	—	—	.9
150	1.0	—	—	.8
175	—	—	—	.8

HBLED13 (Sign & Wall)

13w HBLED Flood @ 5' Setback - 60° above horizon

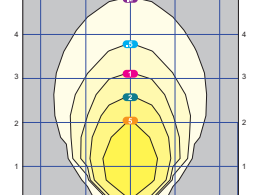


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH
8	1.6	35	.1	—
10	1.0	50	.3	.2
15	.4	70	.4	.4
20	.3	100	.6	.6
25	.2	125	—	.8
150	—	—	—	.9
150	1.0	—	—	.8
175	—	—	—	.8

HBLED13 (Sign & Wall)

13w HBLED Spot @ 5' Setback - 60° above horizon

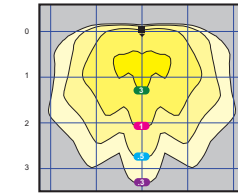


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH
8	1.6	35	.1	—
10	1.0	50	.3	.2
15	.4	70	.4	.4
20	.3	100	.6	.6
25	.2	125	—	.8
150	—	—	—	.9
150	1.0	—	—	.8
175	—	—	—	.8

MegaFlood® (MH)

400w HPS - 30' Mounting Ht.-45° below horizontal

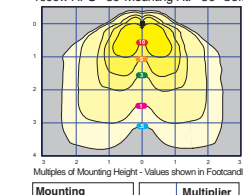


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH
15	4.0	175	—	.3
20	2.3	200	—	.4
30	1.0	250	.6	.4
35	.7	250	—	.5
40	.6	320	—	.6
350	—	—	—	.7
400	1.0	—	—	.7
400	—	—	—	.8

Floodinator®

1000w HPS - 30' Mounting Ht. - 30° below horizontal



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH
25	1.4	1000	1.0	.8
30	1.0	—	—	—
35	.7	—	—	—
40	.6	—	—	—
45	.4	—	—	—
50	.4	—	—	—

DESIGN DATA AREA LIGHTS & BOLLARDS Photometrics

Download IES Photometric files from www.rabweb.com
Search for the product and click "IES File"

Color key: Values shown in footcandles

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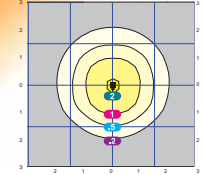
DESIGN DATA AREA LIGHTS & BOLLARDS Photometrics

See pages 76-83 and 130-131

Download IES Photometric files from www.rabweb.com
Search for the product and click "IES File"

ALED10 LED Area Light

10w LED @ 10' Mounting Height

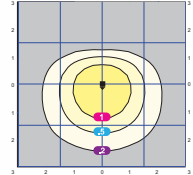


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier
6	2.8
8	1.6
10	1.0
12	0.7

ALED13 LED Area Light

13w LED @ 15' Mounting Height

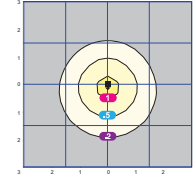


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier
10	2.3
12	1.6
15	1.0
18	0.7
20	0.6

ALED20 LED Area Light

20w LED @ 20' Mounting Height

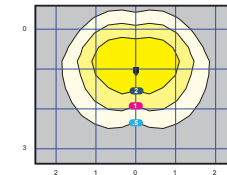


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier
10	4.0
12	2.8
15	1.8
18	1.2
20	1.0
25	0.6

AJ™ Area Light Jr.

42w CFL - 10' Mounting Ht. Aimed 0° below horizon

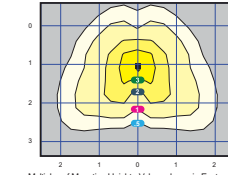


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier HPS	Multiplier MH
8	3.5	35	0.18	—
10	2.3	50	0.30	0.25
15	1.0	70	0.51	0.40
20	.56	100	0.75	0.64
25	.36	125	—	0.86
		150	1.31	1.00

AJ™ Area Light Jr.

50w MH @ 10' Mounting Ht. Aimed 0° below horizon

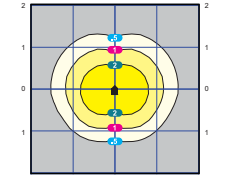


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier CFL
8	3.5	13	.13
10	2.3	26	.19
12	1.6	32	.38
14	1.2	42	.50
15	1.0	52	.56
		64	.75
		84	1.0

AJ™ Area Light Jr.

84w CFL @ 15' Mounting Ht. (uses 2x42w Lamps)

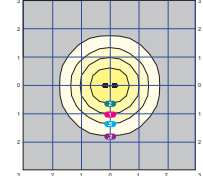


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier CFL
8	3.5	13	.13
10	2.3	26	.19
12	1.6	32	.38
14	1.2	42	.50
15	1.0	52	.56
		64	.75
		84	1.0

ALED10 with 2 fixtures

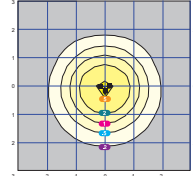
(2) 10w LEDs @ 10' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

ALED10 with 3 fixtures

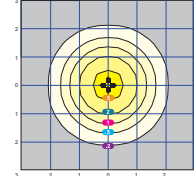
(3) 10w LEDs @ 10' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

ALED10 with 4 fixtures

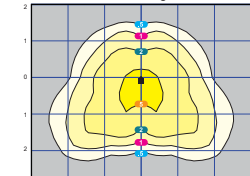
(4) 10w LEDs @ 10' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

AJ™ Area Light Jr.

150w PSMH - 15' Mounting Ht.

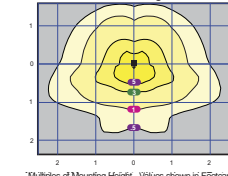


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier HPS	Multiplier MH
8	3.5	35	0.18	—
10	2.3	50	0.30	0.25
15	1.0	70	0.51	0.40
20	.56	100	0.75	0.64
25	.36	125	—	0.86
		150	1.31	1.00

AL Area Lighting

400w PSQ - 30' Mounting Ht. - No Tilt

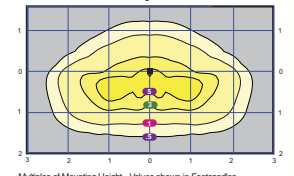


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier HPS	Multiplier MH
15	4.0	200	0.50	—
20	2.3	250	0.70	—
30	1.0	250	0.60	—
35	0.7	320	0.80	—
40	0.6	350	0.90	—
		400	1.00	—
		400	1.25	—

ALX Area Lighting

400w PSQ - 30' Mounting Ht. - No Tilt

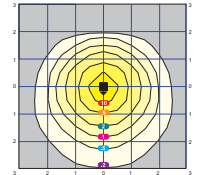


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier HPS	Multiplier MH
15	4.0	200	0.50	—
20	2.3	250	0.70	—
30	1.0	250	0.60	—
35	0.7	320	0.80	—
40	0.6	350	0.90	—
		400	1.00	—
		400	1.25	—

BLED10 Bollard

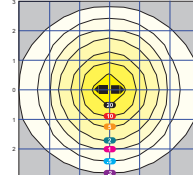
10w LED @ 3.5' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

BLED2x10 Bollards

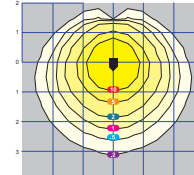
(2) 10w LEDs @ 3.5' Mounting Ht. - No Tilt



Multiples of Mounting Height - Values shown in Footcandles

BLED20 Bollard

20w LED @ 3.5' Mounting Ht. - No Tilt



Multiples of Mounting Height - Values shown in Footcandles

DESIGN DATA VANDALPROOF Photometrics

See pages 124-129 for Vandalproof fixtures

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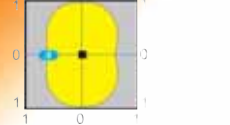
Search for the product and click "IES File"



Color key: Values shown in footcandles

VAN1

75w Incandescent @ 8' Mounting Height

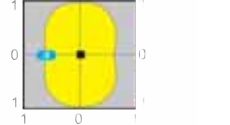


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier	Incan	CFL
6	1.8	7	-	.3	-
8	1.0	9	-	.4	-
10	.6	13	-	.7	-
		14	-	.7	-
		75	1.0	-	-

VAN2

75w Incandescent @ 8' Mounting Height

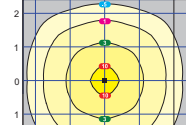


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier	Incan	CFL
6	1.8	9	-	.4	-
8	1.0	26	-	1.5	-
10	.6	32	-	2.0	-
		75	1.0	-	-
		150	2.0	-	-

VAN3

70w HPS @ 8' Mounting Height

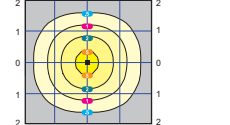


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
6	1.8	26	-	-	.3
8	1.0	32	-	-	.4
10	.6	35	-	-	.4
12	.4	42	-	-	.5
		50	.6	.5	-
		70	1.0	.9	-

VAN4

150w Incandescent @ 8' Mounting Height

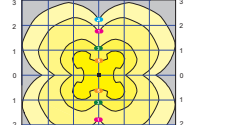


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier	Incan	CFL
6	1.8	13	-	.4	-
8	1.0	26	-	.7	-
10	.6	32	-	1.0	-
12	.4	42	-	1.3	-
15	.3	52	-	1.5	-
		150	1.0	-	-

VAN5®

150w HPS @ 10' Mounting Height

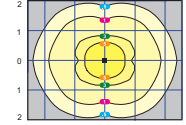


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
6	1.8	64	-	-	.3
8	1.0	84	-	-	.4
10	.6	96	-	-	.6
12	.4	100	.6	.6	-
16	.3	125	-	.7	-
		150	1.0	.8	-
		200	1.3	-	-

VAN6

50w HPS @ 8' Mounting Height

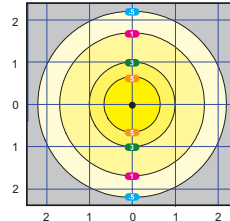


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL
6	1.8	13	-	-	.2
8	1.0	26	-	-	.4
10	.6	35	-	-	.4
12	.4	50	1.0	-	-
16	.3				

VAN11&15 (CFL&Incan.)

64w Fluorescent & Incan @ 8' Mounting Height

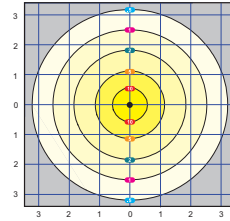


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier	Incan	CFL
6	1.8	26	-	.4	-
8	1.0	52	-	.8	-
10	.6	60	-	.2	-
12	.4	64	-	1.0	-
16	.3	75	-	.3	-
		120	.4	-	-
		150	.5	-	-

VAN11&15 (HPS&MH)

100w MH & HPS @ 8' Mounting Height

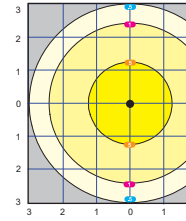


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	Multiplier
6	1.8	26	-	-	.4
8	1.0	50	.4	.4	-
10	.6	70	.7	.6	-
12	.4	100	1.0	.9	-
16	.3	150	1.7	-	-

VAN Garage Lighter™

150w HPS @ 10' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	MH	CFL	QL
8	1.6	55	-	-	-	.2
10	1.0	60	-	-	.4	-
12	.7	85	-	-	.4	-
16	.4	150	1.0	.8	-	-
20	.3	175	-	.8	-	-
		175	-	.9	-	-

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DESIGN DATA QUARTZ FLOODS Photometrics

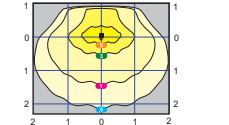
See pages 64-71 for Quartz fixtures

Download IES Photometric files from www.rabweb.com

Search for the product and click "IES File"

Quartz Floods

500w Quartz @ 15' Mounting Ht. -30° below horizontal

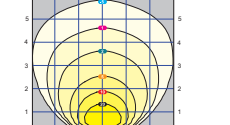


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier	Incan.	CFL
8	3.5	300	-	.6	-
10	2.3	500	-	1.5	-
15	1.0				
25	.4				

Quartz Floods (Sign & Wall)

150w Quartz @ 3' from Wall - 30° below horizontal

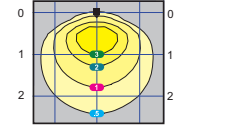


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier	Incan.	CFL
2	3.3	150	-	1.8	-
5	.4	300	-	2.8	-
7	.2				

Swoop®

150w Fixture @ 10' Mounting Ht. -30° below horizontal



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier	Incan.	CFL
8	1.6	150	-	1.0	-
10	1.0	300	-	2.0	-
12	.7				
16	.4				
18	.3				

Floodlight Weight & EPA Data for Pole Mounting Calculations

Product	Weight (lbs)	EPA
Future Flood (FF Series)		0.4
HPS35	6	
HPS50	7	
HPS70	7	
HPS100	8	
HPS150	9	
MH50	8	
MH70	8	
MH100	8	
EZ Flood (EZ Series)		0.6
HPS35	9	
HPS50	9	
HPS70	10	
HPS100	13	
HPS150	13	
MH50	12	
MH70	13	
MH100	13	
MH150	15	
MH175	15	
FlexFlood (FX Series)		1.1
HPS70	17	
HPS100	19	
HPS150	19	
MH50	15	
MH70	16	
MH100	17	
MH150	18	
MH150	20	
FlexFlood XL (FXL Series)		2.0
HPS250	34	
HPS400	36	
MH175	29	
MH200	31	
MH250	32	
MH320	32	
MH350	32	
MH400	32	
Floodzilla (FZ Series)		1.3
HPS250	33	
HPS400	35	
MH175	28	
MH200	30	
MH250	31	
MH320	31	
MH350	31	
MH400	31	
MegaFlood (MEG Series)		2.0
HPS250	33	
HPS400	36	
MH175	29	
MH200	31	
MH250	34	
MH320	34	
MH350	34	
MH400	34	
Floodinator (FN Series)		4.0
HPS400	62	
HPS1000	75	
MH400	59	
MH1000	68	
AL - Area Light w/ Fixed Arm		1.0
HPS250	33	
HPS400	36	
MH175	29	
MH200	31	
MH250	34	
MH320	34	
MH350	34	
MH400	34	
ALX - Area Light Pole Mount		1.8
HPS250	39	
HPS400	43	
MH200	40	
MH250	40	
MH320	39	
MH350	38	
MH400	39	

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ALED	Area Lighting	76-77
ALX	Area Lighting	82-83
Area Lighting	Area Lighting	76-83
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Ballast & Lamp Data	Ballast & Lamp Data	168-169
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Bolland LED	Landscape-LED	130-131
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Bullhorns	Brackets	86-87
Buzz Bulb	Sensors-Outdoor	98-99
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C103	Weatherproof Covers	160-161
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Close-up Plugs	Weatherproof Covers	162-163
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Hazardous Locations Light	Explosionproof	156-159



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HG1 Guard	Floodlights-PAR	58-59
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