

RAB LED

Affordable LED Outdoor Lighting

L^{PACK} LED WALLPACK



WPLED10
Surface Mount
pp 22-23

WPLED10W
Junction Box

WPLED13
Junction Box

WPLED20
Surface Mount

BLEDTM LED BOLLARD



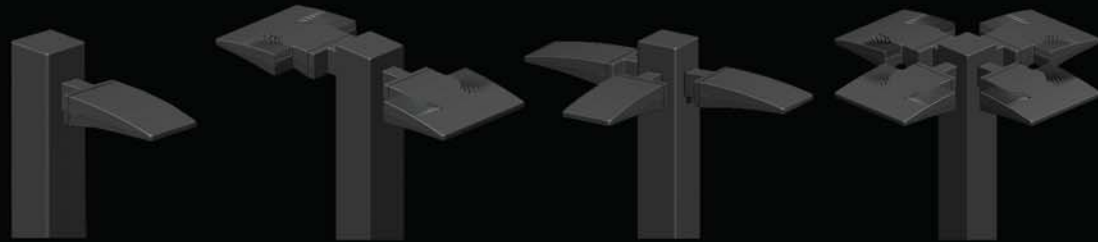
BLED10
BLED13
pp 130-131

BLED2X10
BLED2X13

BLED20

BLED2X20

ALEDTM LED AREA LIGHT



ALED10
ALED13
pp 76-77

ALED20

ALED10
ALED13

ALED20

L^{FLOOD} LED FLOODLIGHT



HBLED10W
HBLED13W
White
pp 42-43

HBLED10VG
HBLED13VG
Verde Green

HBLED10B
HBLED13B
Black

HBLED10A
HBLED13A
Bronze

RAB LIGHTING

RAB[®]
LIGHTING

WALLPACKS

FLOODLIGHTS

AREA LIGHTING

SENSORS

CEILING LIGHTS

VANDALPROOF

LANDSCAPE LIGHTS

VAPORPROOF

EXPLOSIONPROOF

WEATHERPROOF

2010

RAB[®]
LIGHTING

© 2010 RAB Lighting, Inc.
170 Ludlow Avenue
Northvale, New Jersey 07647 USA
Tel: 888 RAB-1000 • Fax: 888 RAB-1232 • www.rabweb.com

The designs of RAB fixtures are protected under U.S. and international intellectual property laws. Printed in the United States of America.

WALLPACKS



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

22

FLOODLIGHTS - LED - HID - CFL



LFLOOD Future Flood Future Flood CFL EZ Flood Flexflood Flexflood XL Floodzilla Mega flood 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 SQB1 SQB2 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

160

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



p90



p114

2004

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



p102

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

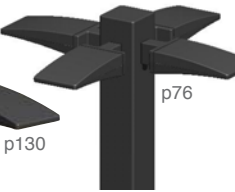
- RAB introduces Area Lighting, Self-Ballasted CFL Fixtures, Emergency Battery Back-up Systems and more



p80



SELF-BALLASTED
CFL



p76

2009

- RAB Greendolas 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

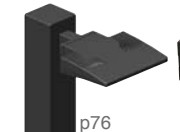
- New LFLOOD, high performance LED Wallpacks, Area Lights and Bollards.



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

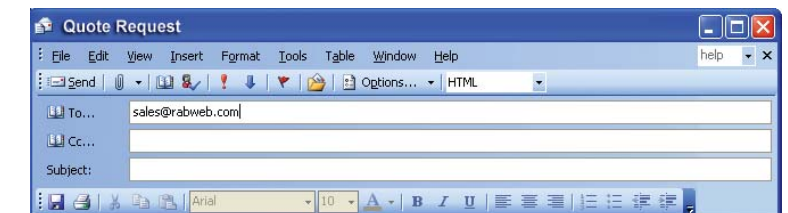
Toll Free expert tech help from the RAB Technical Support Team 8AM-6PM ET, M-F

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
- Self Liquidating RAB LED Sales Kicker
- 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





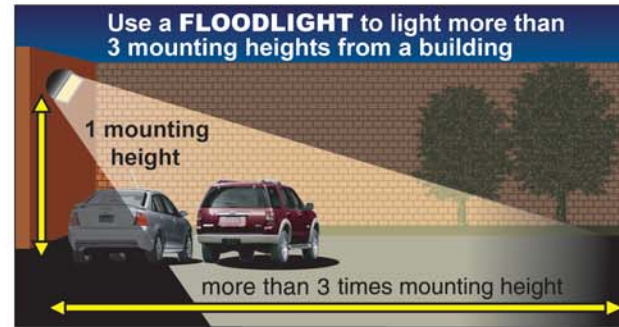

ABOUT RAB

Lighting Rules of Thumb

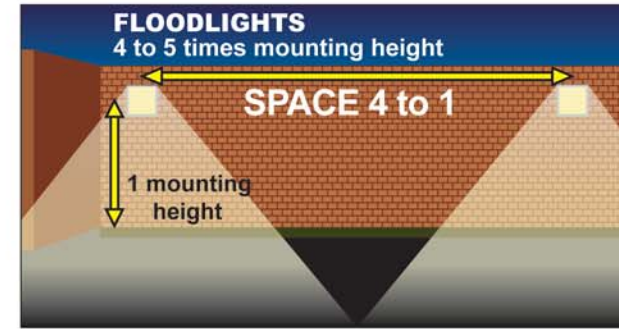
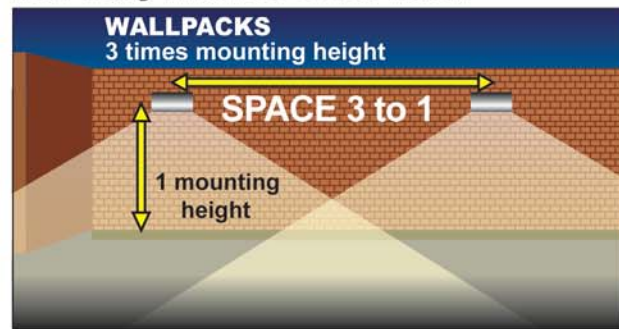
Wall Mounted Lighting



How Far Out Do You Want to Light?



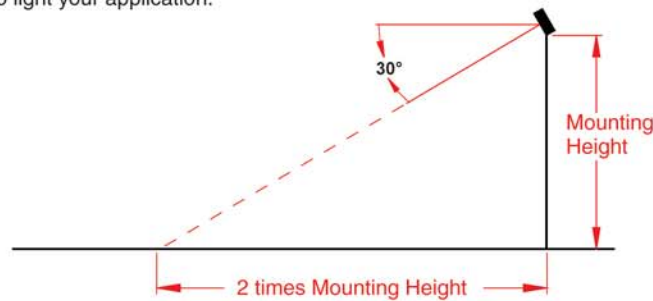
How Many Fixtures Do You Need?



Area Lighting

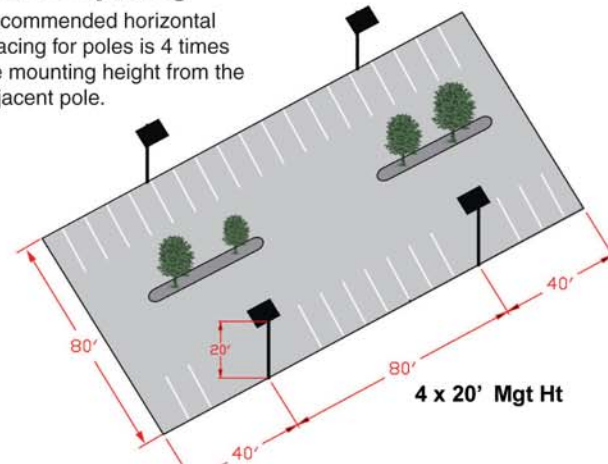
Fixture Aiming

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 HBLED10 HBLED13	VR300F HB101 FXH70QT HBLED13	FXH70QT	HBHH100VQT
Commercial	EZH50DT FXH70QT HBLED10	EZH100QT 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 2-3fc residential areas and 20-25 for public flags in bright 4-5fc 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	2.5ft 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



Select the fixture that is right for you

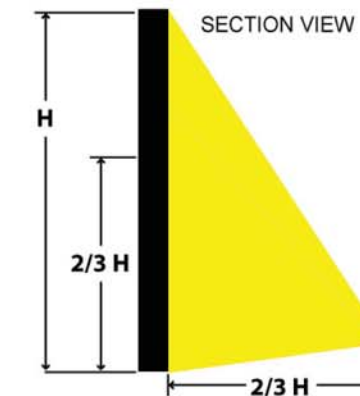
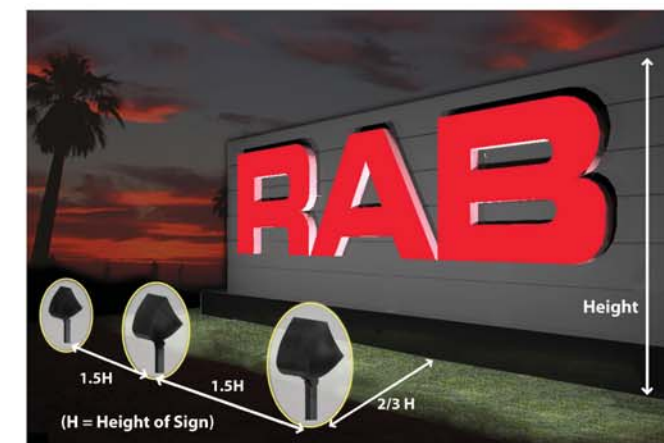


Sign Lighting

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



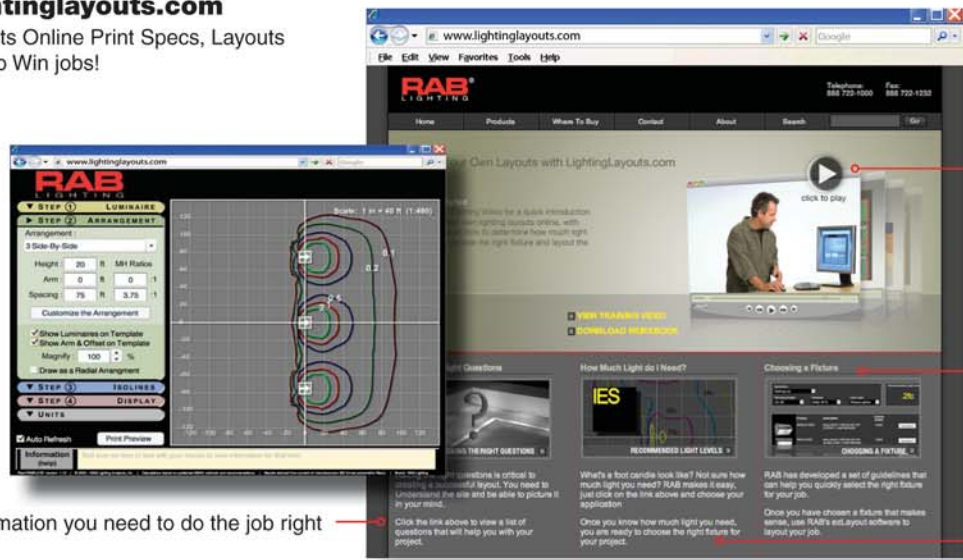
Easy Online Tools

You Can Do It Yourself Online

www.lightinglayouts.com

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

EZ Layout Software Application



Get the information you need to do the job right

Click the link above to view a list of questions that will help you with your project.

View the EZ Layout Training Video

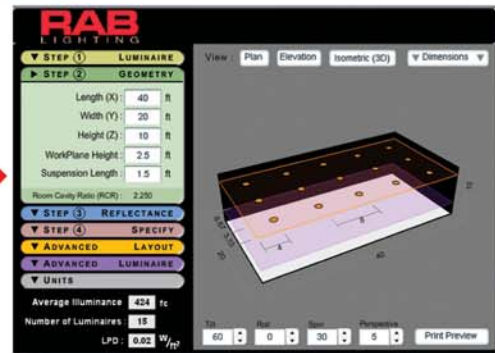
Create your own lighting layouts quick and easy - just click here

Determine the light levels you need

Easy Indoor Layouts



Select the fixture you need at www.rabweb.com



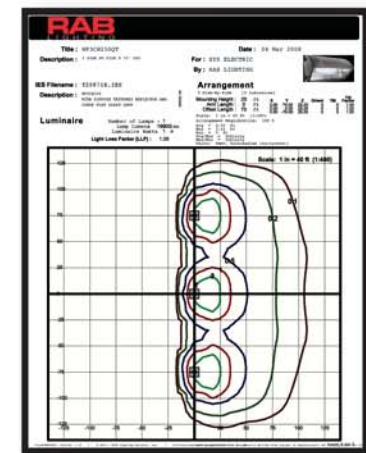
Click on the EZ Lighting Layouts Tab on the product page. Adjust fixture criteria as needed.



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

Make Professional Job Submittal Presentations

Print it. Send it. Win it!



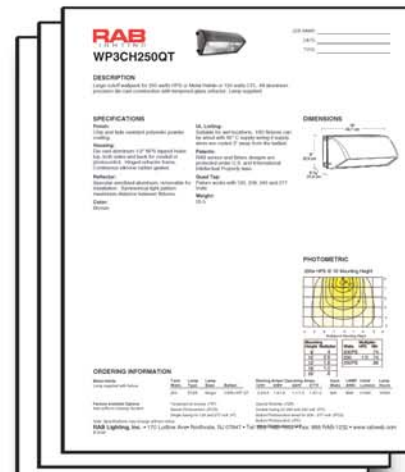
Layout

Luminaire Schedule	Symbol	Qty	Label	Arrangement	Lumens
	A	16	A	SINGLE	22000
	A	1	A twin	TWIN	22000

Calculation Summary	Label	CalcType	Units
CalcType parking lot		illumiance	Fc
CalcType # property line		illumiance	Fc

Luminaire Location Summary	Lumino	Label	X	Y	H	Orient
1	A	23.6	170.2	20	0	
2	A	23.6	79	20	0	
3	A	196.6	48	20	90	
4	A	82.1	49	20	90	
5	A	138.1	49	20	90	
6	A	51.1	127.7	20	180	
7	A	84.6	198	20	90	
8	A	193.6	197.5	20	90	
9	A	26.85	250	20	317.42	
10	A	152.35	248.2	20	270	
11	A	259.35	251.5	20	231.843	
12	A	275.35	44	20	139.086	
13	A	193.6	115	20	270	
14	A	241.6	114.2	20	0	
15	A	94.35	265.7	20	271.637	
16	A	194.1	265.7	20	271.637	
17	A	266.1	161	20	181.219	

Luminaire Schedules

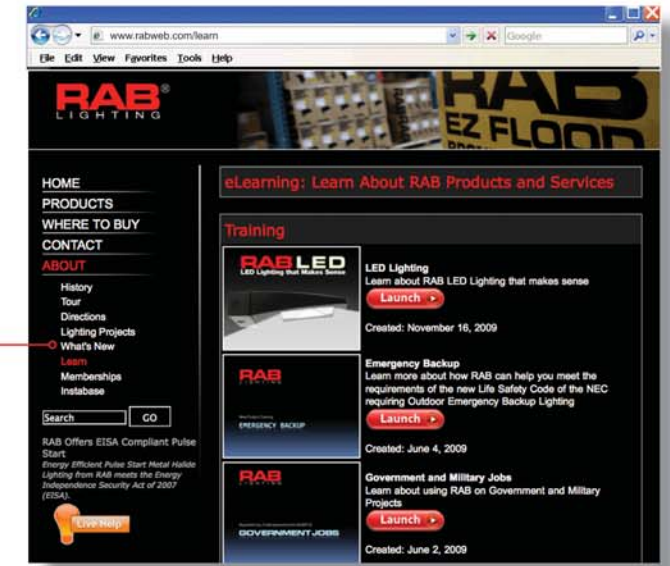


Spec Sheets

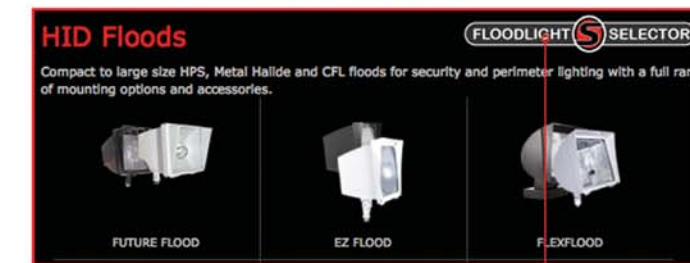
Navigating – www.rabweb.com

Learn about “Whats New” at RAB!

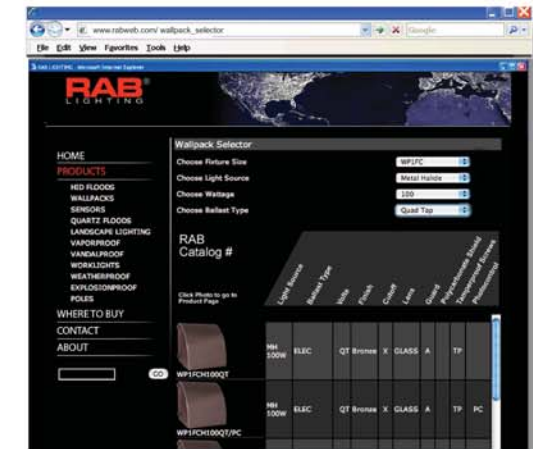
For new product literature & brochures click the ABOUT button and select **What's New**. View, download or print, its that easy!



Product Selectors

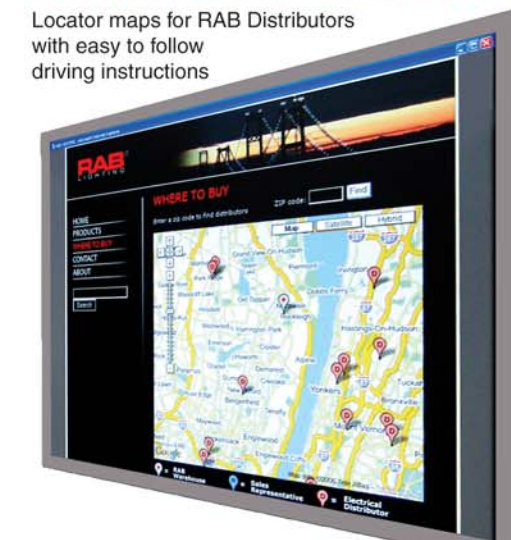


Look for Product Selector Icons. With a few clicks you can select the fixture you need to light your application.



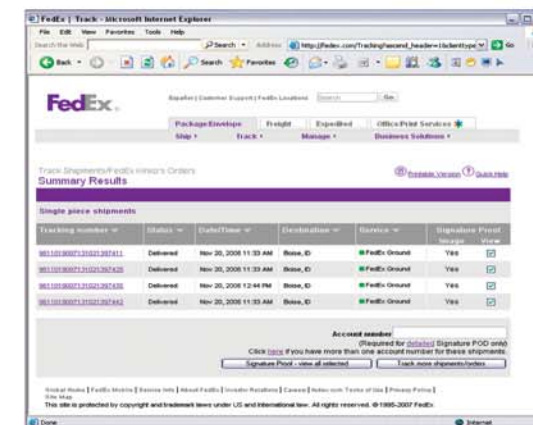
Distributor Locator

Locator maps for RAB Distributors with easy to follow driving instructions

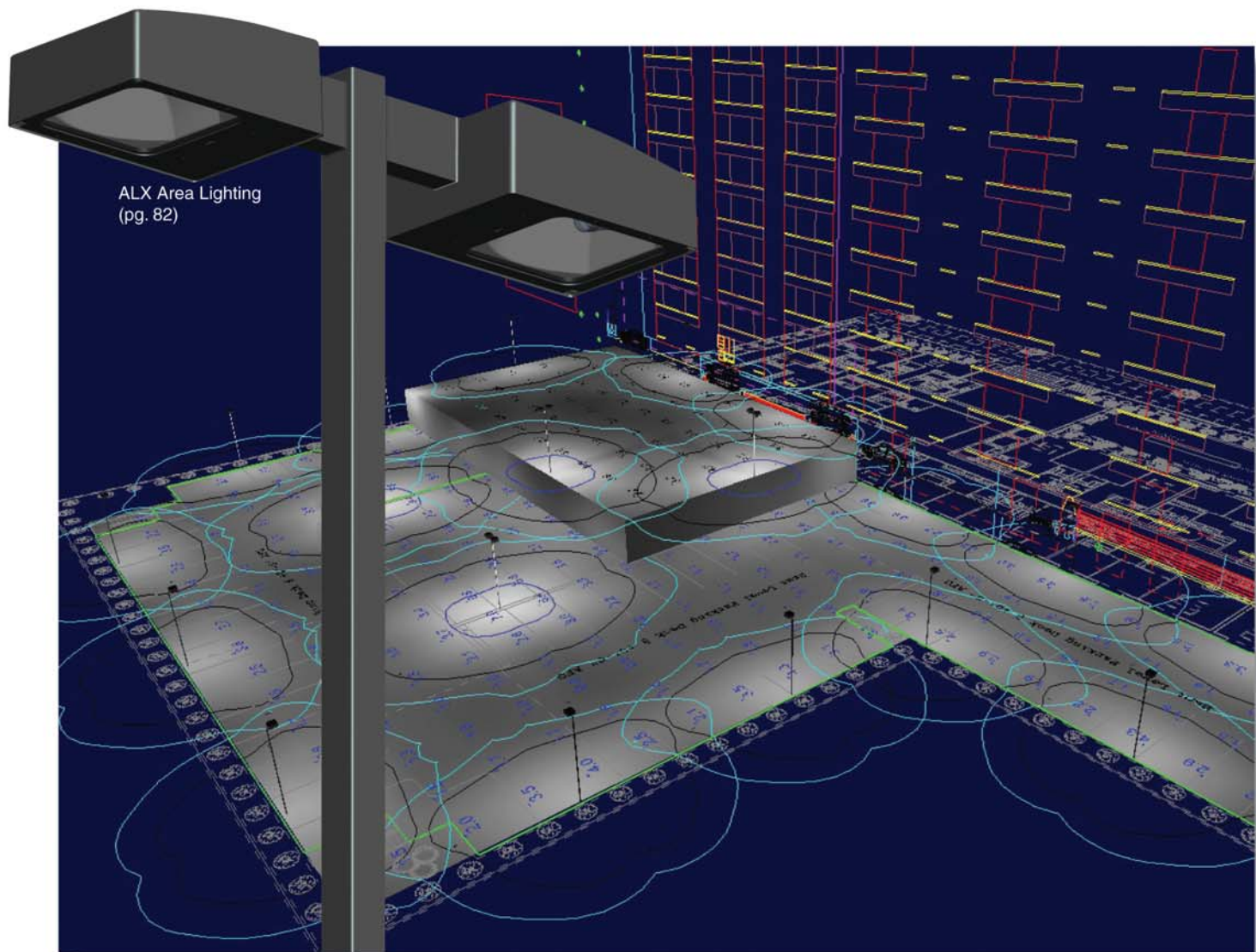


Order & Tracking Account Info

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)

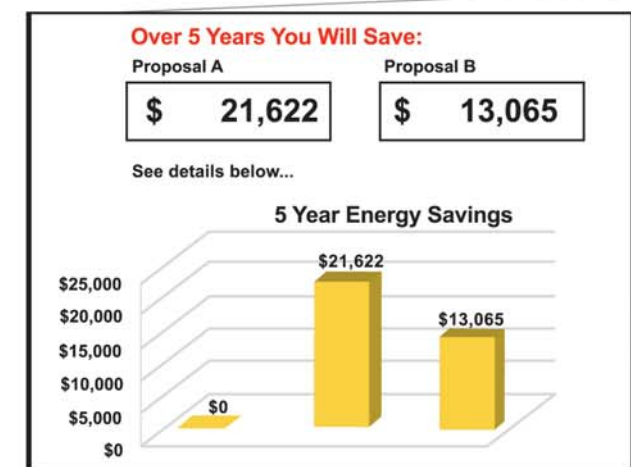
Performance Visualizations

Night Time Simulation Renderings using AGi32 software based on IES LM-79 Testing

<p>RAB LED 10W is Equivalent to 70W of Metal Halide</p> <p>ALED10 Area Light @ 10 ft. Mounting Height</p>	<p>70 Watt MH Area Light @ 10 ft. Mounting Height</p>
<p>RAB LED 20W is Equivalent to 150W of Metal Halide</p> <p>ALED20 Area Light @ 15 ft. Mounting Height</p>	<p>150 Watt MH Area Light @ 15 ft. Mounting Height</p>

Energy Engineering

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

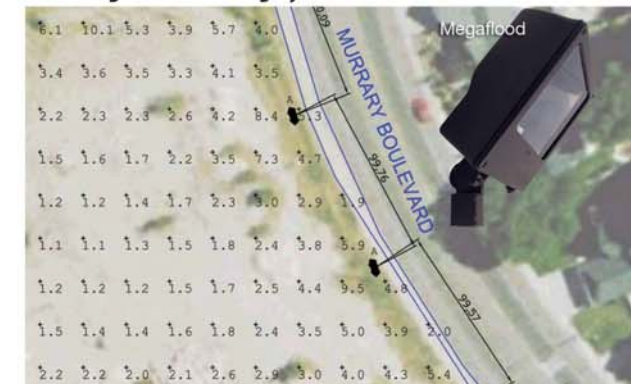


RAB Application Engineers perform energy calculations to evaluate your existing installation and find ways to save. Our experts help propose more efficient lighting by utilizing RAB Energy efficient fixtures.

RAB LIGHTING		ENERGY ENGINEERING	
Energy Saving Analysis for:			
Project:		Over 5 Years You Will Save:	
Contact:		Proposal A	Proposal B
Tel:		\$ 21,622	\$ 13,065
Email:		See details below...	
Project Assumptions			
Square Feet Area	\$ 65,804	5 Year Energy Savings	
Cost per kWh	0.100		
Daily Operating Hrs	10		
Days/Year	360		
Annual Operating Hrs	2,600		
Energy Savings & Payback Analysis			
Fixture Catalog #	Existing	Proposal A	Proposal B
Description	400W MH	R8BT5	XYZ
Input Watts/ Fixture	450	362	300
Quantity	189	189	290
Total Watts	85,050	68,418	75,000
Total kW	85.05	68.418	75
Annual kWh	221,130	177,887	195,000
Annual Energy Cost	\$ 22,113	\$ 17,789	\$ 19,500
Monthly Cost	\$ 1,843	\$ 1,482	\$ 1,625
Per Fixture Cost	\$ 215.00	\$ 215.00	\$ 215.00
Total Project Cost	\$ 40,635	\$ 40,635	\$ 53,750
Labor, Materials & Disposal	\$ -	\$ -	\$ -
Rebate Fixture	\$ -	\$ -	\$ -
Total Project Rebate	\$ -	\$ -	\$ -
Total Price	\$ 40,635	\$ 40,635	\$ 53,750
Energy Savings & Payback Analysis			
Watts/ Square Foot	1.296	1.04	1.14
Annual Energy Savings	\$ 4,324	\$ 2,613	\$ 2,613
Cost of Wiring/ Month	\$ 360	\$ 219	\$ 219
Years to Payback	9	21	9
5 Year Energy Savings	\$ 21,622	\$ 13,065	\$ 13,065
5 Year Savings - Installation Cost	\$ (19,013)	\$ (40,685)	\$ (40,685)

Get FREE Point by Point Layouts

Get Layouts in Days, not Weeks



Lighting plan overlaid on satellite image

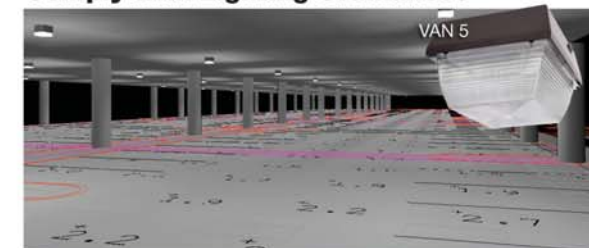
Symbol	Qty	Label	Arrangement	Lumens	LLF	Description
15	1	A	SINGLE	22000	0.800	ALR250PS WHSS - TYPE III LUMINAIRE
1	1	A	TWIN	22000	0.800	ALR250PS WHSS - TYPE III LUMINAIRE (Twin)

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts parking lot	illumiance	Fc	2.34	12.3	0.4	5.85	30.75
CalcPts # property line	illumiance	Fc	0.13	1.6	0.0	N.A.	N.A.

LumNo	Label	X	Y	Z	Orient	Wilt
1	A	23.6	170.2	20	0	0
2	A	23.6	75	20	0	0
3	A	196.6	48	20	90	0
4	A	82.3	49	20	90	0
5	A	138.1	49	20	90	0
6	A	51.1	127.7	20	180	0
7	A	84.6	196	20	90	0
8	A	193.6	197.5	20	90	0
9	A	26.85	250	20	317.42	0
10	A	152.35	248.2	20	270	0
11	A	259.35	251.5	20	231.843	0
12	A	275.35	44	20	139.086	0
13	A	193.6	115	20	270	0
14	A	241.6	115.2	20	0	0
15	A	94.35	265.7	20	271.637	0
16	A	196.1	265.7	20	271.637	0
17	A	266.1	161	20	181.219	0

Luminaire schedule

Comply with Lighting Ordinances



3D Rendering of parking garage application



2D Computer rendering of hotel facade uplighting

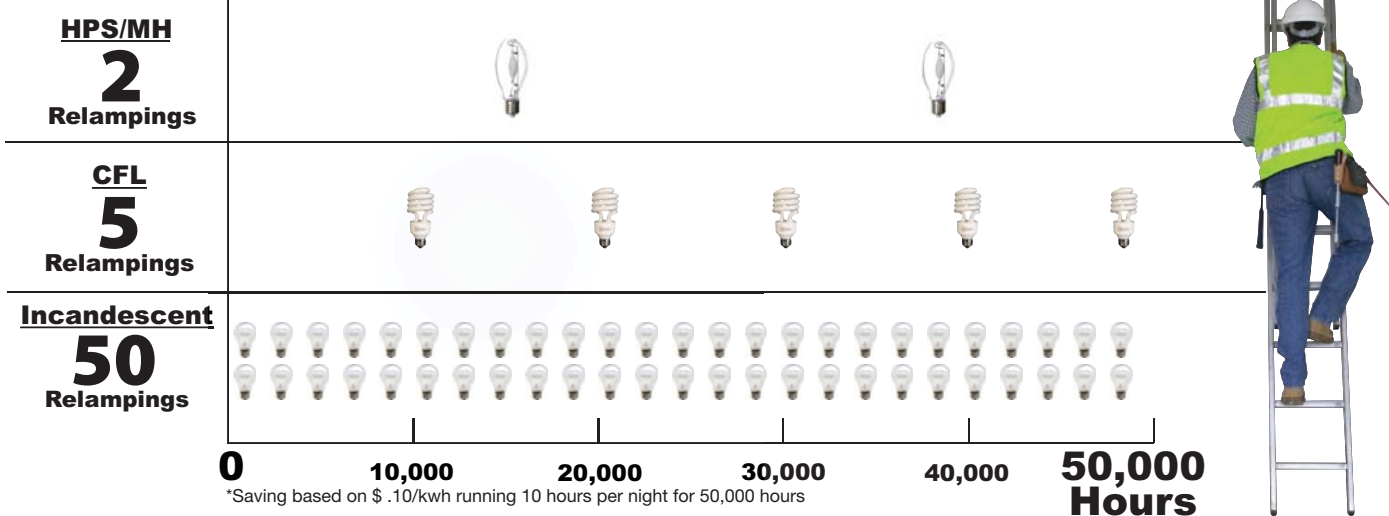
RAB[®] LED

Affordable LED Outdoor Lighting

Say Goodbye to Costly Relamping and High Energy Bills

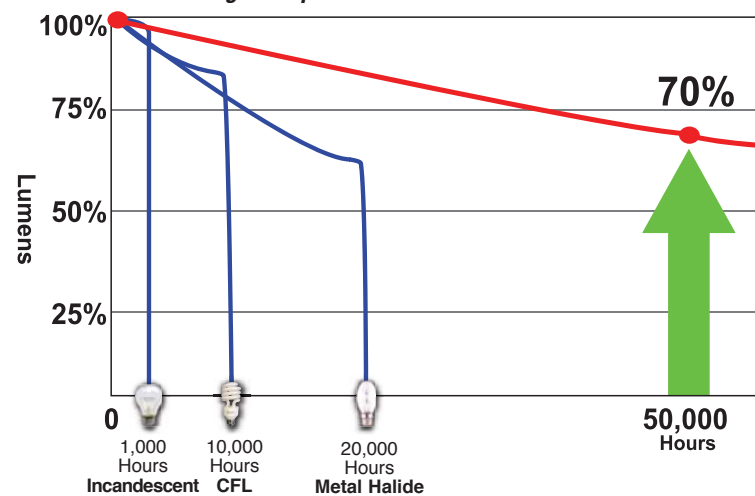


RAB LEDs retain 70% of their initial lumens after 50,000 hours.



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



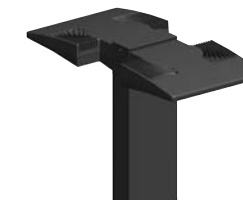
BLED10
BLED13
pp 130-131



BLED2X10
BLED2X13



BLED20



BLED2X20

A^LED[™]

LED AREA LIGHT



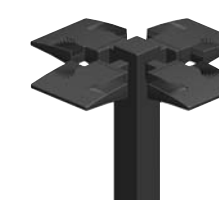
ALED10
ALED13
pp 76-77



ALED20



ALED10
ALED13



ALED20

L^FLOOD[™]

LED FLOODLIGHT



HBLED10W
HBLED13W
White
pp 42-43



HBLED10VG
HBLED13VG
Verde Green



HBLED10B
HBLED13B
Black



HBLED10A
HBLED13A
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.



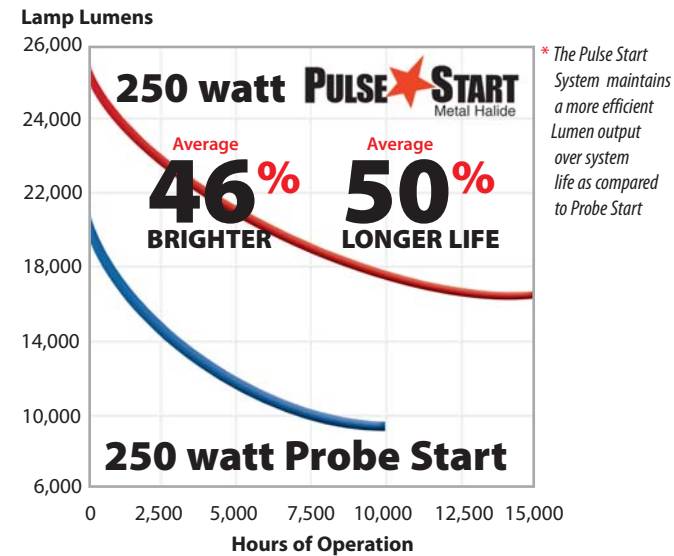
CFL COLD START FIXTURES IN STOCK NATIONWIDE:

- 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

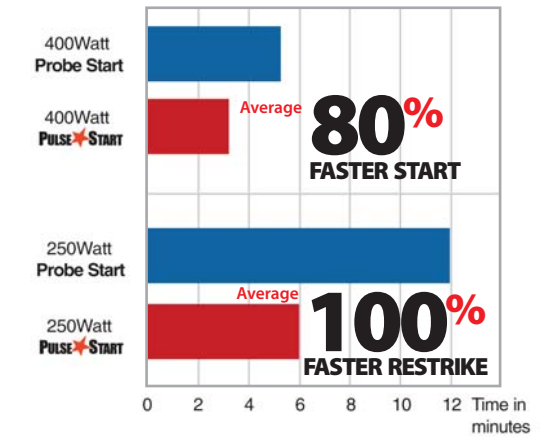
PULSE★START

Metal Halide

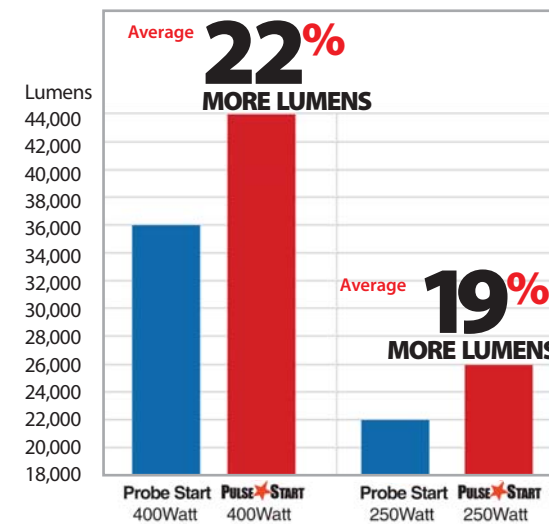
SUPERIOR LUMEN MAINTENANCE



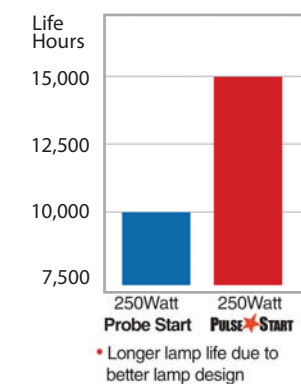
FASTER WARM-UP/RESTRIKE TIME



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

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.



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

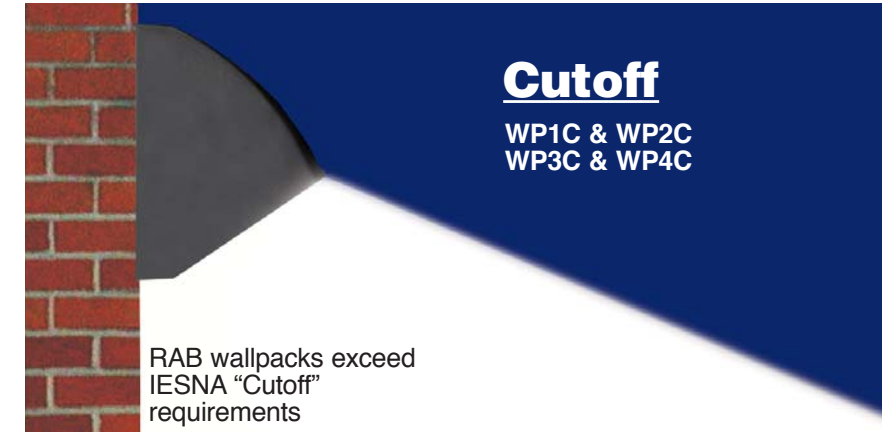


Drivers are often blinded by the glare from conventional lights.



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

Cutoff Wallpacks Aim The Light Down and Out



WP1C



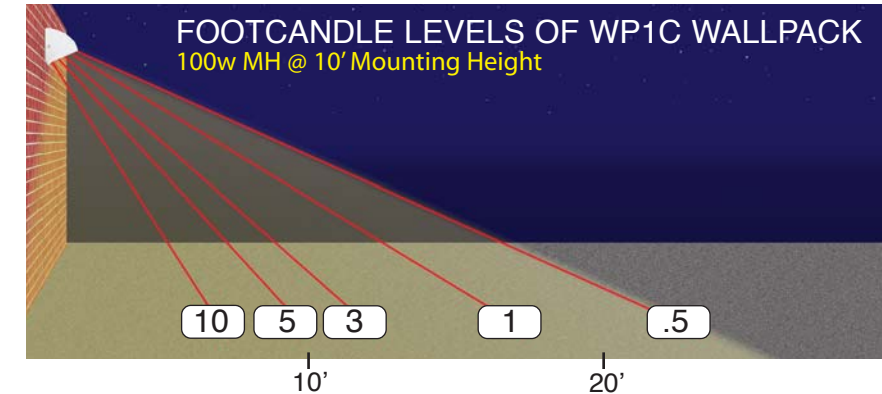
WP2C



WP3C



WP4C



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

Full Cutoff Wallpacks Allow No Light Above Horizontal



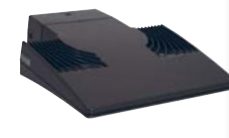
WP1FC



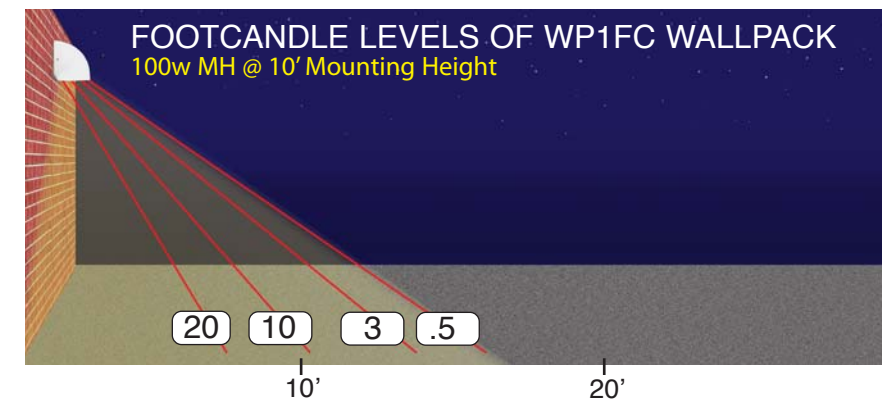
WPLED10



WP2FC



WPLED20



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



WP3FC



WP4FC

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 PSQ
 - 42w Compact Fluorescent
 - For 10' mounting height
 - Polycarbonate or glass lens
 - 3 Light Distribution options

Standard



Cutoff



Full Cutoff



- WP2**
- 20w LED
 - 70-150w HPS
 - 70-150w Metal Halide
 - 42 & 84w Compact Fluorescent
 - For 10' - 15' mounting heights
 - Tempered glass refractor or lens
 - 3 Light Distribution options



- WP3**
- 250w HPS
 - 200-250w Metal Halide
 - 120w Compact Fluorescent
 - For 15' - 20' mounting heights
 - Tempered glass refractor or lens
 - 3 Light Distribution options



- WP4**
- 400w HPS
 - 320-400w Metal Halide
 - For 20' - 25' mounting heights
 - Tempered glass refractor or lens
 - 3 Light Distribution options



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 Slipfitter



FXL Slipfitter



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



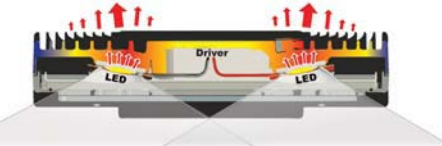
Surface mount for recessed boxes

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
10	13	LED	100-240
10	13	LED	100-240
10	13	LED	100-240
10	13	LED	100-240
13	15	LED	100-240, 277
13	15	LED	100-240, 277
20	22	LED	100-240, 277
20	22	LED	100-240, 277

Initial Lumens	Lumens per Watt	Operating Hours	CRI
547	41	50,000	92
542	41	50,000	45
547	41	50,000	92
542	41	50,000	45
1064	71	50,000	66
662	44	50,000	86
1401*	65	50,000	70
985*	45	50,000	71

Color Temperature	Mounting Type
Cool	Surface Mount
Warm (Y)	Surface Mount
Cool	Junction Box
Warm (Y)	Junction Box
Cool	Both
Warm (Y)	Both
Cool	Both
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, 4kv Surge Protection 350mA, .2 -1 Amps

13W Driver: Constant Current, Class 2, 100-277V, 50/60 Hz, 4kv Surge Protection 720mA, 100-240VAC: .3 -1.5 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 D599,050, D599,049, D608,040, D615,689 and patents pending in U.S., Canada, China and Taiwan.

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



GOOSE1A ARM24A
GOOSE1W ARM24W

Catalog Numbers

Bronze	White
WPLED10S	WPLED10SW
WPLED10SY	WPLED10SYW
WPLED10	WPLED10W
WPLED10Y	WPLED10YW

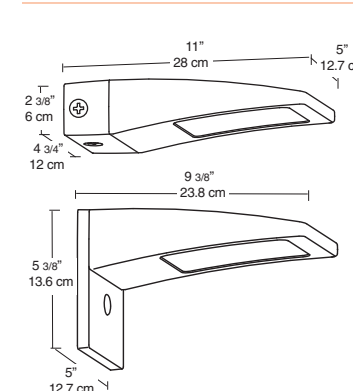
Bronze	White
WPLED13*	WPLED13W*
WPLED13Y*	WPLED13YW*

Bronze	White
WPLED20*	WPLED20W*
WPLED20Y*	WPLED20YW*
/PC	/PC
/PCS	/PCS

Bronze	White
GOOSE1A	GOOSE1W
ARM24A	ARM24W

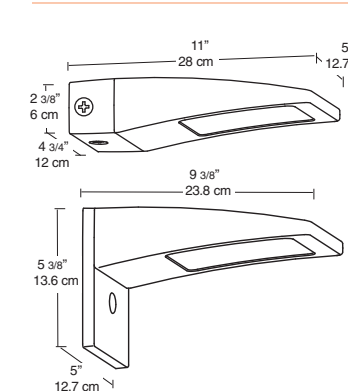
GDWPLP

Dimensions



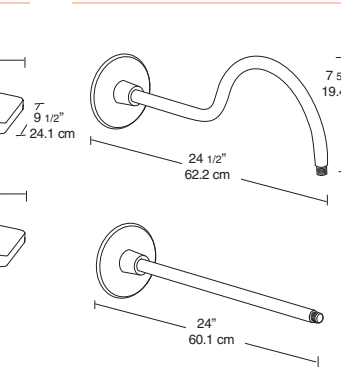
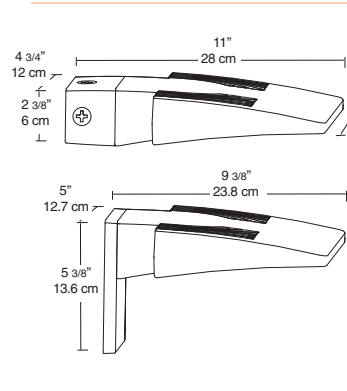
GDWPLP

*WPLED13 comes with both Surface and Junction Box mountings



GDWPL20P

*WPLED20 comes with both Surface and Junction Box mountings



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

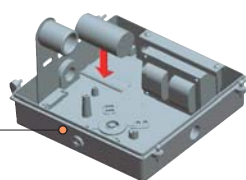
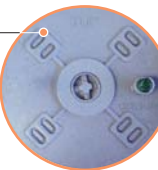
Adjustable socket positions for beam tuning

Tempered glass lens will not yellow

Capacitor cradle removes heat from components



PULSE START
High Efficiency Metal Halide



Product Information

High Pressure Sodium
Lamp supplied with fixture

Metal Halide
Lamp supplied with fixture
For UV coated lamp, consult factory
PS* = Pulse Start

Compact Fluorescent
Lamp supplied with fixture

New! Photocell included

Factory Installed Options
Add suffix to catalog number

Accessories

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.

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	2,300	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 / 2.3				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	.9 / .9	.8 / .8	.7 / .7	188	S55	16,000	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	.6 / .7	.35 / .35	.3 / .3	68	M110	3,400	10,000
PS*	70	ED17	Med	HX-NPF 120V	2.8 / 2.2			94	M98	5,600	15,000
PS*	70	ED17	Med	HX-HPF QT	1.0 / .9	.4 / .5	.4 / .5	90	M98	5,600	15,000
PS*	100	ED17	Med	HX-HPF QT	1.2 / 1.2	.6 / .7	.5 / .6	129	M90	9,000	15,000
	125	ED17	Med	HX-HPF QT	.9 / 1.3	.5 / .8	.4 / .7	150	M150	12,000	15,000
	26	Triple	GX24q-3 Electronic QT	.3	.2	.1	.11	29		1,800	12,000
	32	Triple	GX24q-3 Electronic QT	.3	.2	.13		36		2,400	12,000
	42	Triple	GX24q-4 Electronic QT	.4	.2	.2	.2	46		3,200	12,000
	42	Triple	GX24q-4 Electronic QT	.4	.2	.2	.2	46		3,200	12,000

Starting temperature of ballast 0°F



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 D561,377, Canada Patent 111930, China Patent ZL200530120058.1 and Taiwan Patent D126,172.

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

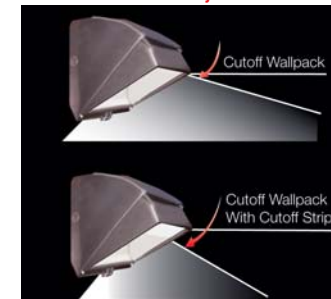
WP1C Cutoff

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

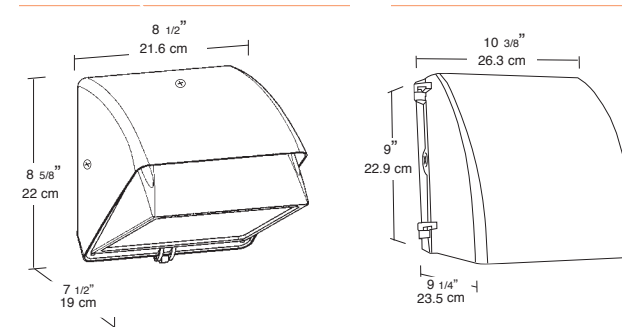


Catalog Numbers

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 SHR1A
SHC1W SHR1W

Dimensions



New!

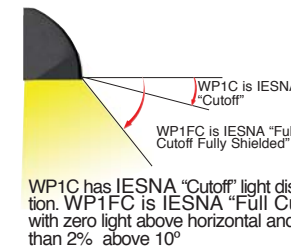
WP1FC Full Cutoff

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

New!
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

- Button Photocell Specify Photocell voltage
- Swivel Photocell Specify Photocell voltage
- Single fusing for 120 and 277 volt
- Tamperproof screws
- Wire Guard for WP1G
- 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 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.

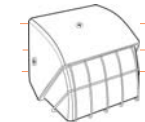
Refractor:
Prismatic optics designed to minimize glare and throw light down and out. UV stabilized polycarbonate on WP1 or glass prismatic on WP1G.
Order Cat# WP1GRK to convert polycarbonate to prismatic glass lens

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

Starting Amps / Operating Amps

	120V	208V	240V	277V
High Pressure Sodium	1.4 / 0.9	1.8 / 1.2	2.3 / 1.7	3.0 / 2.5
Metal Halide	2.1 / 1.6	2.8 / 2.2		

	120V	208V	240V	277V
Compact Fluorescent	.3	.2	.1	.1
	.3	.2	.2	.1
	.4	.2	.2	.2
	.4	.2	.2	.2

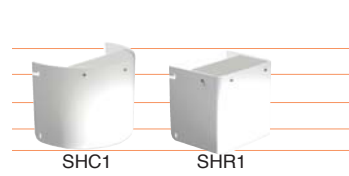


Input Lamp Initial Lamp

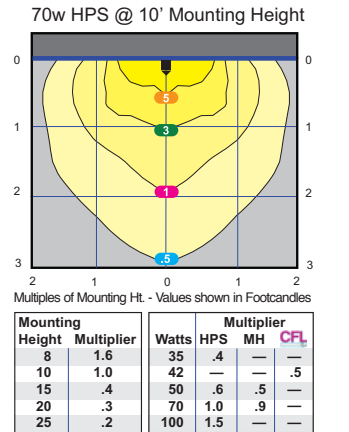
Watts	ANSI	Lumens	Hours
46	S76	2,300	24,000
62	S68	4,000	24,000
86	S62	6,300	24,000
115	S54	9,500	24,000

Watts	ANSI	Lumens	Hours
69	M110	3,400	10,000
94	M98	5,600	15,000

Watts	Lumens	Hours
29	1,800	12,000
36	2,400	12,000
46	3,200	12,000
46	3,200	12,000



Photometrics See Pages 170-177 for add'l Photometrics



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



Shades make any wallpack a Cutoff see page 40

WP1G Glass

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

Finish: ● Bronze
○ White



Catalog Numbers

Bronze	White
WP1SN35	WP1SN35W
WP1SN50	WP1SN50W
WP1SN70	WP1SN70W
WP1SN100	WP1SN100W

Bronze	White
WP1H50	WP1H50W
WP1H70	WP1H70W

Bronze	White
WP1F26	WP1F26
WP1F32	WP1F32W
WP1F42	WP1F42W
WP1F42/PC/ES	WP1F42W/PC/ES

Bronze	White
/PC	/PC
/PCS	/PCS

Bronze	White
/F	/F
/TP	/TP

Bronze	White
SHC1A	SHC1W
SHR1A	SHR1W

Bronze	White
WP1GSN35	WP1GSN35W
WP1GSN50	WP1GSN50W
WP1GSN70	WP1GSN70W
WP1GSN100	WP1GSN100W

Bronze	White
WP1GH50	WP1GH50W
WP1GH70	WP1GH70W

Bronze	White
WP1GF42	WP1GF42W

Bronze	White
/PC	/PC
/PCS	/PCS

Bronze	White
/F	/F
/TP	/TP

Bronze	White
GDWP1GW	GDWP1GW
SHC1A	SHC1W
SHR1A	SHR1W

Pick the Cutoff You Need



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)

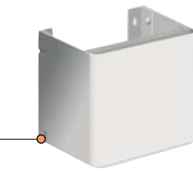
Heavy prismatic glass refractor

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

New!



1/2" bottom conduit opening



PULSE START
High Efficiency Metal Halide

Product Information

High Pressure Sodium
Lamp supplied with fixture

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

Compact Fluorescent
Lamp supplied with fixture



New! Photocell included

Accessories

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



Specifications

UL Listing:
Suitable for wet locations

Housing & Refractor:
WPTS & 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. Moveable 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.

Socket:
HPS-MH: Porcelain 4kv Pulse Rated
CFL: 26w & 32w = GX24q-3, 28w = GX32d-3, 42w = GX24q-4

Sensor Switching Capacity:
100 watts fluorescent on WPTFMS model only. 120 volt only.

Sensor Time Adjustment (for Smart Tallpack):
5 seconds to 15 minutes

Sensor Detection Zone:
Full 180° by 30'

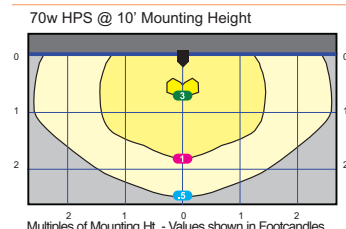
Starting Temps for CFL fixtures:
28w -20°F
26w 0°F
32w 0°F
42w 0°F

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	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



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



Catalog Numbers

Bronze	White
WPTS35	WPTS35W
WPTS50	WPTS50W
WPTS70	WPTS70W

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

For white fixture finish add suffix "W"
With Sensor

WPTF28MS (120 volt only)
WPTF42MS (120 volt only)

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

WPTGSN70/PC	WPTGSN70
WPTGSH70QT/PC	WPTGSH70QT
WPTGSN100/PC	WPTGSN100
WPTGSN100QT/PC	WPTGSN100QT
WPTGHN50/PC	WPTGHN50
WPTGHH50/PC	WPTGHH50
WPTGHH50QT/PC	WPTGHH50QT
WPTGHN70/PC	WPTGHN70
WPTGHH70QT/PC	WPTGHH70QT
WPTGHH100QT/PC	WPTGHH100QT

▲ Specify Photocell voltage

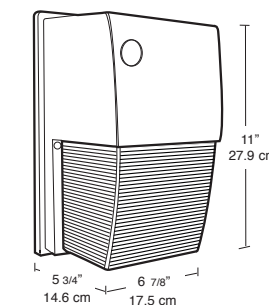
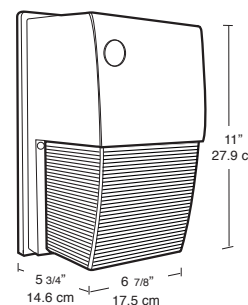
SHC1	SHC1
SHR1	SHR1

SHC1	SHC1
SHR1	SHR1

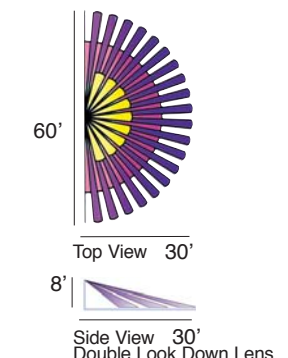
SHC1	SHC1
SHR1	SHR1

GDWPTG	GDWPTG
SHC1	SHC1
SHR1	SHR1

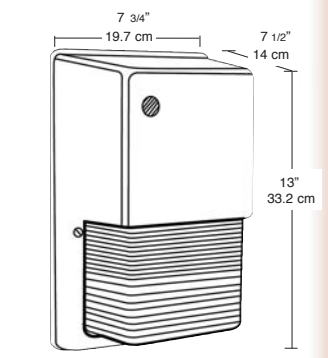
Dimensions



Detection Pattern



Dimensions



WALLPACKS WP2



Mid size Wallpack for up to 150 watt HPS, 175 watt Metal Halide and 84 watt Fluorescent. Converts to a cutoff fixture with WP2C Retrofit kit.

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

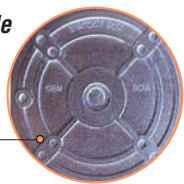
Silicone gasket

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

Watts	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
PS* = Pulse Start
PSQ & QT=Quad Tap=120 / 208 / 240 / 277 volts

PS* 70	ED17	Med	HX-NPF 120V	2.8 / 2.2			
PS* 100	ED17	Med	HX-HPF QT	.95 / 1.2	.6 / .7	.5 / .6	.4 / .5
PS* 125	ED17/HBU	Med	CWA-HPF QT	.9 / 1.3	.5 / .8	.4 / .7	.4 / .6
PS* 150	ED17/U	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 120V:
(for 42w Fluorescent 277V:
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.

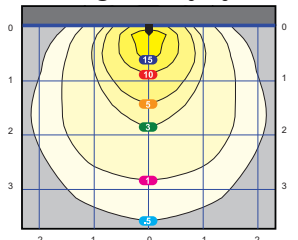
Emergency Battery Back Up:

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

Photometrics

150w HPS @ 10' Mounting Height



Multiples of Mounting Ht. - Values shown in Footcandles

Mounting Height	Multiplier	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	.9	.8	—
		175	1.0	.8	—
			—	.8	—

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
WP2SH100	WP2SH100W
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

Bronze White
WP2CORK WP2CORKW

Replacement Lamps

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	BCFL42QT
LCFL32	BCFL42QT
LCFL42	BCFL42QT
LCFL42	BCFL2X42

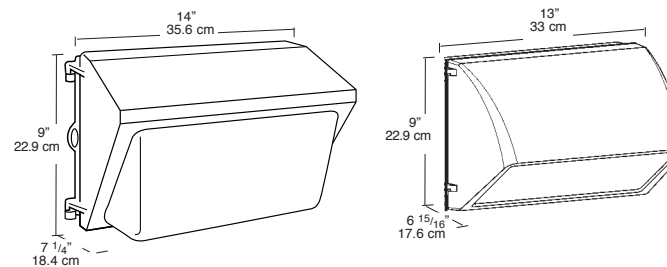


Pick the Cutoff You Need



WALLPACKS - HID & CFL

Dimensions



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

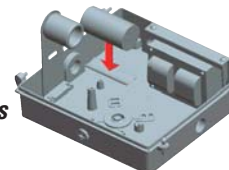
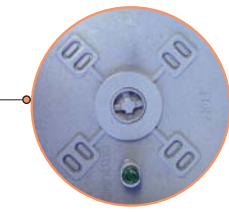
Drilling template for easy box mounting

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



Product Information

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

Watts	Lamp Type	Lamp Base	Ballast	Starting Amps / Operating Amps				Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours	
				120V	208V	240V	277V					
70	ED17	Med	R-HPF120V	.9 / .8				86	S62	6,300	24,000	
70	ED17	Med	HX-HPF QT	.6 / .8	.4 / .5	.4 / .3	.3 / .4	91	S62	6,400	24,000	
100	ED17	Med	R-NPF 120V	3.0 / 2.5				115	S54	9,500	24,000	
100	ED17	Med	R-HPF 120V	1.5 / 1.1				115	S54	9,500	24,000	
100	ED17	Med	HX-HPF QT	.9 / 1.1	.6 / .6	.5 / .6	.4 / .5	115	S54	9,500	24,000	
150	ED17	Med	HX-HPF QT	1.6 / 1.6	.9 / .9	.8 / .8	.7 / .7	188	S55	16,000	24,000	
PS*	70	ED17	Med	HX-NPF 120V	2.8 / 2.2			94	M98	5,600	15,000	
PS*	70	ED17	Med	HX-HPF QT	.7 / .8	.4 / .5	.4 / .4	.3 / .4	90	M98	5,600	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
PS*	125	ED17/HBU	Med	CWA-HPF QT	.9 / 1.3	.5 / .8	.4 / .7	.4 / .6	150	M150	12,000	15,000
PS*	150	ED17/U	Med	CWA-HPF QT	1.3 / 1.6	1 / 1	.7 / .8	.6 / .7	185	M102	14,000	15,000
PS*	150	ED17	Med	CWA-HPF QT	1.1 / 1.6	.6 / .9	.5 / .8	.5 / .7	185	M107	12,500	10,000
26	Triple	GX24q-3	Electronic QT	.24	.17	.13	.11	29		1,800	12,000	
32	Triple	GX24q-3	Electronic QT	.3	.21	.16	.13	36		2,400	12,000	
42	Triple	GX24q-4	Electronic QT	.4	.25	.2	.17	46		3,200	12,000	
84	2-42w Triple	GX24q-4	Electronic QT	.8	.6	.5	.4	92		6,400	12,000	

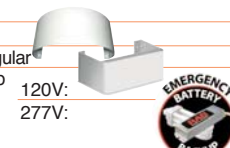
Metal Halide
Lamp supplied with fixture
PS* = Pulse Start
PSQ & QT=Quad Tap=120 / 208 / 240 / 277 volts

Compact Fluorescent
Lamp supplied with fixture

Factory Installed Options
Add suffix to catalog number



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.

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




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.




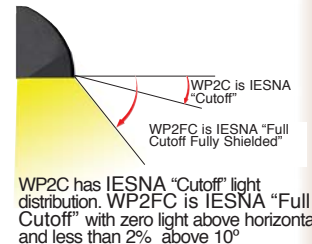
CFL refractor:
84 watt Max.

New!

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

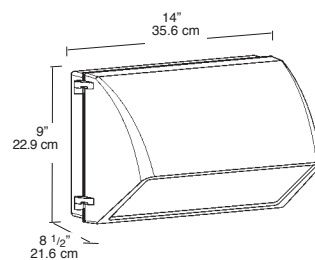
Catalog Numbers

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

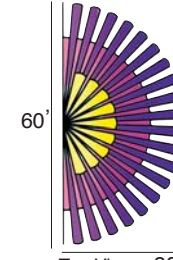
Bronze	White
WP2CF42MS	WP2CF42MSW
WP2F84MS	WP2F84MSW
▲ 120 volt only	

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

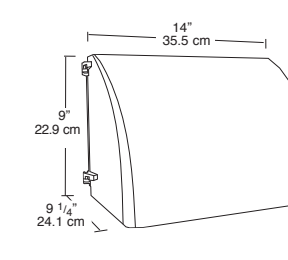
Dimensions



Sensor Detection Pattern



Dimensions



Pick the Cutoff You Need



WALLPACKS WP3, WP3C & WP3FC



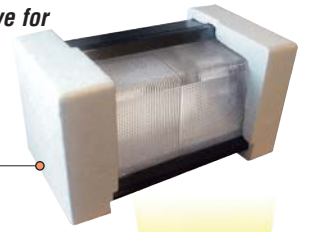
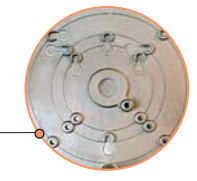
New!
Fully Shielded
Full Cutoff



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

- 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
- Compact Fluorescent**
- Factory Installed Options**
Add suffix to catalog number
- Accessories**

Watts	Lamp Type	Lamp Base	Ballast	Starting Amps / Operating Amps			
				120V	208V	240V	277V
250	ED28	Mogul	CWA HPF QT	1.8/2.5	1.0/1.5	0.9/1.3	0.8/1.1
E200	T15	Mogul	CWA HPF QT	1.4/2.0	8/12	.7/1.0	.6/0.9
E250	ED28	Mogul	CWA HPF QT	1.4/2.5	8/12	.7/1.0	.6/1.1
120	2G8-1	Hex	Electronic HPF	1.2	1	.8	.6

Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours	Starting Amps / Operating Amps			
				120V	208V	240V	277V
295	S50	28,500	24,000				
232	M136	21,000	15,000				
288	M138	25,000	15,000				
139		9,000	20,000				



480 volt only ballast (consult factory)



Wire Guard GDWP3W (fits WP3 only)



Curved Glare Shield SHC3 (fits WP3/WP)



Rectangular Glare Shield SHR3 (fits WP3/WP)

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.

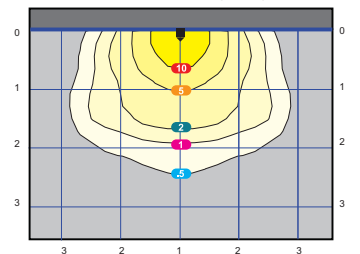
- Reflector:**
Prismatic optics designed to minimize glare and throw light down and out. WP3 Heat resistant borosilicate glass. WP3CWP3FC: Tempered glass lens
- Socket:**
4kv Pulse Rated Mogul Porcelain socket with nickel plated screw shell and spring loaded center contact.
- Finish:**
Chip and fade 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

See Page 172 for add'l Photometrics
250w HPS @ 20' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Multiplier			
		Watts	HPS	MH	CFL
10	4.0	120	—	—	.3
15	1.8	E200	—	.7	—
20	1.0	250	1.0	.7	—
25	0.6	E250	—	.9	—
35	0.3	E320	—	1.1	—
		E350	—	1.2	—
		400	1.8	1.3	—
		E400	—	1.4	—

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.

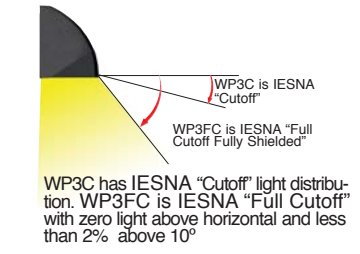
Finish: ● Bronze
○ White



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



WP3C has IESNA "Cutoff" light distribution. WP3FC is IESNA "Full Cutoff" with zero light above horizontal and less than 2% above 10°

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

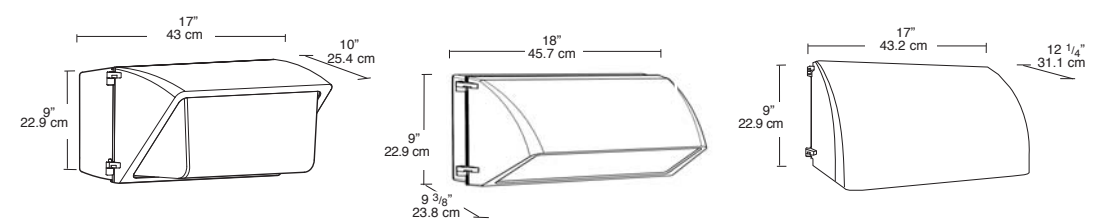
Bronze	White
WP3SC250QT	WP3SC250QTW
WP3H200PSQ	WP3H200PSQW
WP3H250PSQ	WP3H250PSQW
WP3F120QT	WP3F120QTW
/PC	/PC
/PCS	/PCS
/F	/F
/FF	/FF
/QR	/QR
/TP	/TP
GDWP3W	GDWP3W
SHC3A	SHC3W
SHR3A	SHR3W

Bronze	White
WP3CSC250QT	WP3CSC250QTW
WP3CH200PSQ	WP3CH200PSQW
WP3CH250PSQ	WP3CH250PSQW
WP3CF120QT	WP3CF120QTW
/PC	/PC
/PCS	/PCS
/F	/F
/FF	/FF
/QR	/QR
/TP	/TP
GDWP3FC	GDWP3FC
SHC3A	SHC3W
SHR3A	SHR3W

Bronze	White
WP3FCSC250QT	WP3FCSC250QTW
WP3FCH200PSQ	WP3FCH200PSQW
WP3FCH250PSQ	WP3FCH250PSQW
GDWP3FC	GDWP3FC

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

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

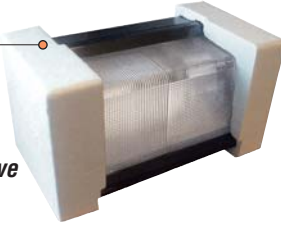
Borosilicate glass refractor

Door frame opens and remains captive for easy lamp replacement

Silicone gasket remains in place during relamping

Tempered glass lens

Long life lamp supplied



Fully Shielded Full Cutoff Optics



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	Lamp Ballast
400	ED18	Mogul	CWA HPF QT
E320	ED28	Mogul	CWA HPF QT
E350	ED28	Mogul	CWA HPF QT
E400	ED28	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
2.6/3.2	1.5/1.8	1.3/1.6	1.2/1.4
3.3/3.6	1.9/2.1	1.7/1.8	1.4/1.6
3.5/4.0	2.0/2.3	1.8/2.0	1.5/1.8

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

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.

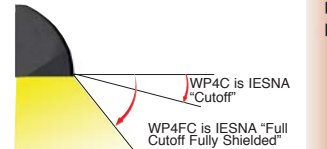
Finish: ● Bronze
○ White



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



WP4C has IESNA "Cutoff" light distribution. WP4FC is IESNA "Full Cutoff" with zero light above horizontal and less than 2% above 10°

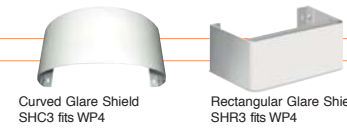
Factory Installed Options

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.

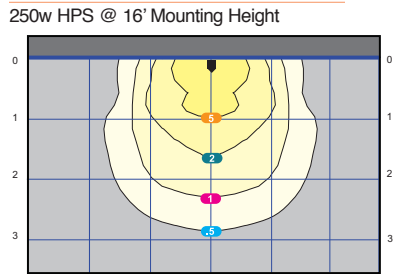
WP4C/WP4FC Cutoff Lens:
Tempered glass.

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

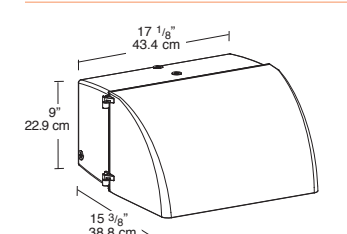
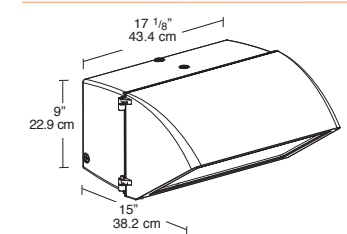
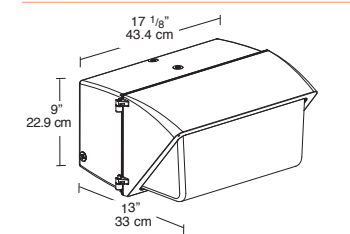
www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Photometrics



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Multiplier		
		Watts	HPS	MH CFL
10	6.3	E 200	—	.7
15	2.8	250	1.0	.7
20	1.6	E 250	—	.9
25	1.0	E 320	—	1.1
30	.5	E 350	—	1.2
		400	1.8	1.3
		E 400	—	1.4



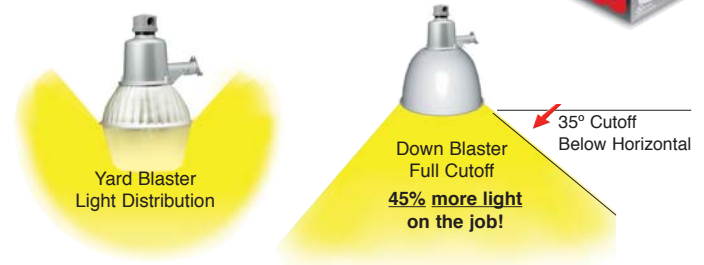
WALLPACKS YARD BLASTER & DOWN BLASTER



Down Blaster

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

- 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	70	ED17	Medium	R-NPF 120V
Lamp supplied with fixture	150	ED17	Medium	R-NPF 120V
Metal Halide	70	EDX17	Medium	NPF-HPF 120V
Lamp supplied with fixture	100	EDX17	Medium	NPF-HPF 120V

	Watts	Lamp Type	Lamp Base	Ballast
Compact Fluorescent	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

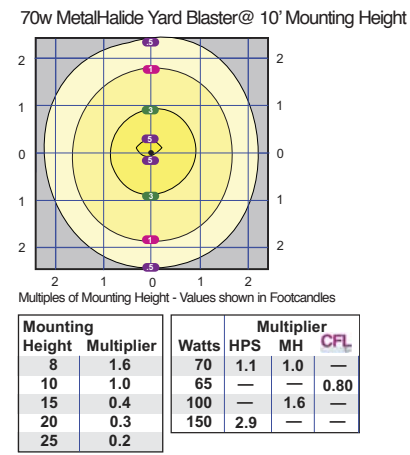
- UL Listing:** Suitable for wet locations
 - Housing:** Precision die cast aluminum with gray polyester powder coat finish.
 - Refractor:** Acrylic
 - Reflector:** Hydroformed aluminum
 - Finish:** Standard finish is chip and fade resistant silver gray polyester powder coating.
 - Socket:** Porcelain 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 |

Replacement:

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

Photometrics



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



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!



The "SHADE"

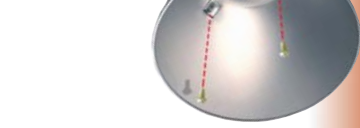
Convert existing RAB Yard Blaster and most similar 70-175 watt "barn light" fixtures to a Cutoff fixture with full-circle cutoff beam spread. Kit includes: cutoff shield/reflector and 2 attachment clips. Easy 5 minute field installation.

Finish: ● Natural Aluminum



Fits screw-on Barn Lights:

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



Fits clip-on Barn Lights:

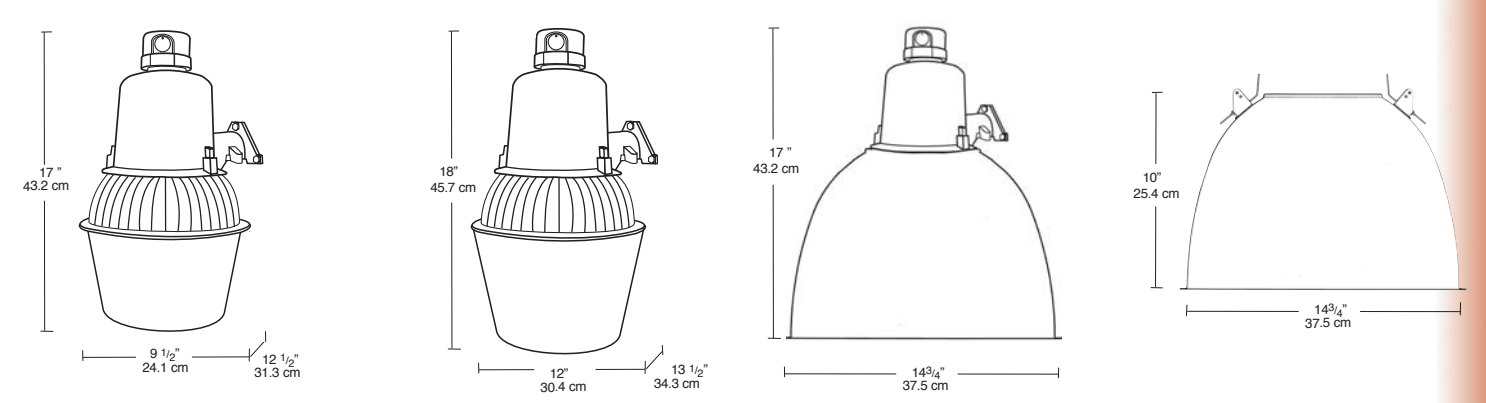
- Hubbell
- GE



Catalog Numbers

YLS70	YLS150	YDS70	YDS150
YLH70	YLH100	YDH70	YDH100
YLF65		YDF65	
YARM24	YARM24	YARM24	SHY

Dimensions



WALLPACKS - HID & CFL

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.

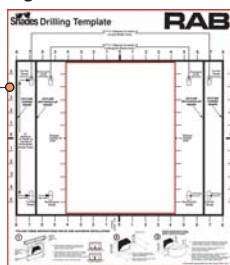
Field adjustable light distribution

Shades add vandalproof metal protection

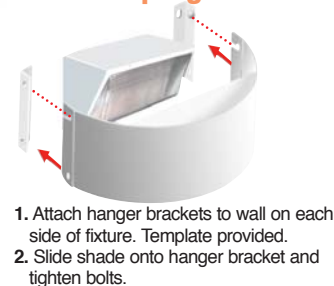
Full Cutoff top vents heat, not light

Stainless steel hardware

Easy mounting template

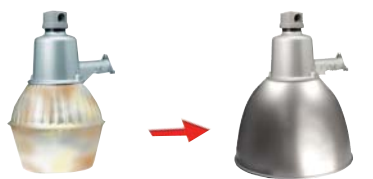


Easy Installation & Relamping



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

Stop Glare & Light Pollution



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!

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.

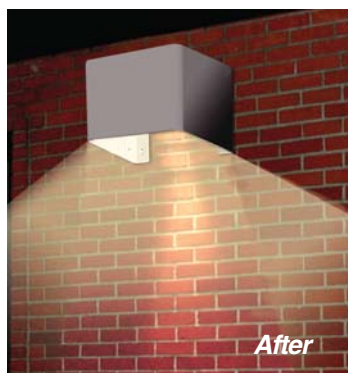
Hardware:
Stainless steel nuts, bolts and lock washers. Aluminum "L" brackets.

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.

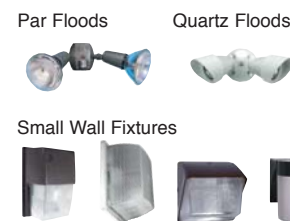
Finish: ● Bronze
○ White



Shades with Full Cutoff Tops



Fits Smaller Fixtures



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



Fits Medium Fixtures



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



Fits Large Fixtures



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

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

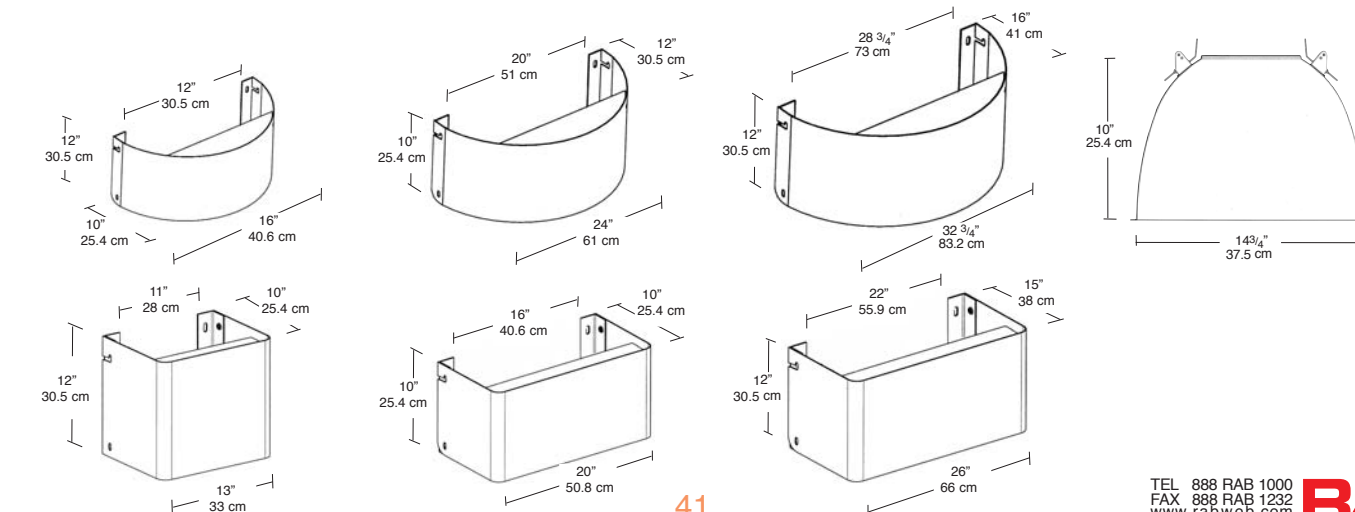
Curved **Rectangular**
Bronze **White** **Bronze** **White**

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

Natural

SHY

Dimensions



L FLOOD™

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



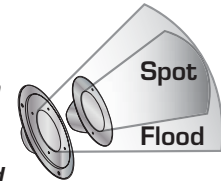
Available with 10 watt or 13 watt Light Engine

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

LED LIGHT ENGINE
Supplied with fixture

Lamp Watts	Input Watts	Voltage	Color Temp.	Spot Beam Angle	Spot Lumens	Spot LPW	CRI	Flood Beam Angle	Flood Lumens	Flood LPW	Operating Hours
10	13.2	100-240	Cool	29	400	30	61	75	338	25	50,000
10	13.3	100-240	Warm	28	350	26	75	75	297	23	50,000
13	15	100-240, 277	Cool	26	820	54	69	65	724	47	50,000
13	15	100-240, 277	Warm	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



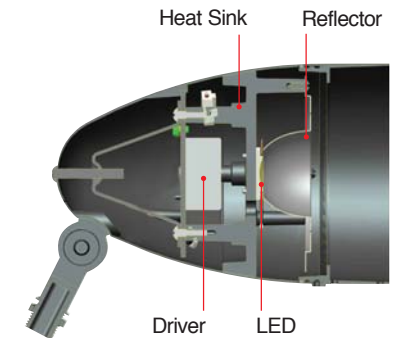
New! LFLOOD 13

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

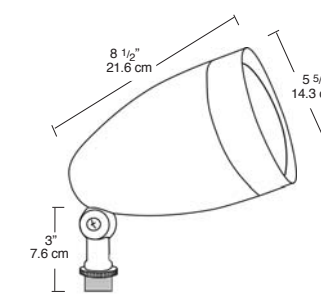
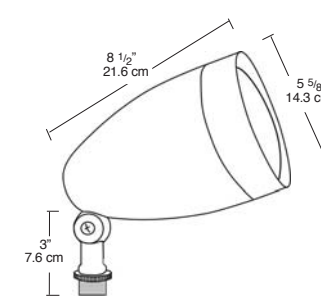
Bronze	Black	White	Verde Green
HBLED13A	B	W	VG
HBLED13YA			

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

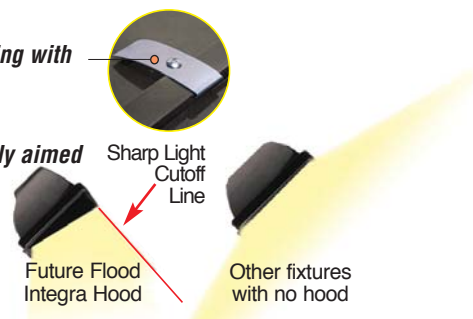
Precision die cast aluminum housing with durable polyester powder coat finish

Variable beam spread with 2 position adjustable socket

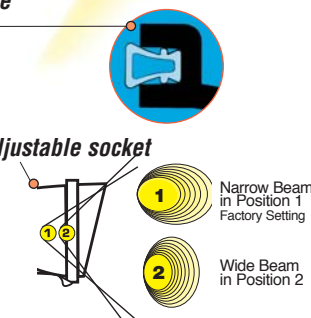
Long life lamp supplied

Mounting arm with sturdy locking teeth & internal gasket

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



Sharp Light Cutoff Line
Future Flood Integra Hood
Other fixtures with no hood



1 Narrow Beam in Position 1 (Factory Setting)
2 Wide Beam in Position 2

Product Information

High Pressure Sodium
Lamp supplied with fixture

Watts	Lamp Type	Lamp Base	Ballast
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
PS* = Pulse Start

Watts	Lamp Type	Lamp Base	Ballast
PS* 50	ED17	Med	HX-NPF
PS* 70	ED17	Med	HX-NPF

Fluorescent
Lamp supplied with fixture
New! Photocell included

Watts	Lamp Type	Lamp Base	Ballast
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
HPS50	7	MH70	9
HPS70	7		
HPS100	8		
HPS150	9		

Starting Amps / Operating Amps	Input Watts				Lamp ANSI	Initial Lumens	Lamp Hours
	120V	208V	240V	277V			
	46	62	86	115	S76	2,300	24,000
				170	S68	4,000	24,000
					S62	6,300	24,000
					S54	9,500	24,000
					S55	16,000	24,000
	72	94			M110	3,400	10,000
					M98	5,600	15,000
	.4	.25	.2	.17		3,200	12,000
	.4	.25	.2	.17		3,200	12,000

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

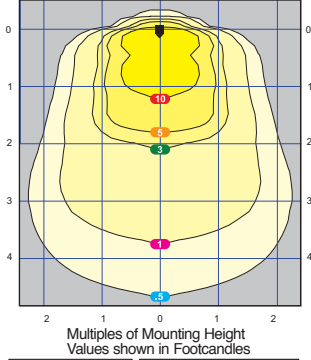
Info Online 24/7

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

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

Photometrics

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



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.

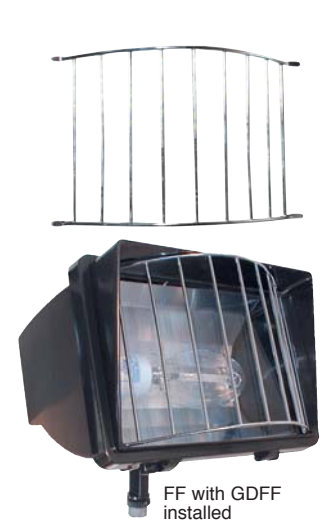
Finish: ● Bronze
○ White



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



Replacement Lamps

Replacement Lamps	Ballasts
LHPS35	BHPSN35
LHPS50	BHPSN50
LHPS70	BHPSN70
LHPS100	BHPSN100
LHPS150	BHPSN150
LMH50	BMHN50
LMH70	BMHN70
LCFL42	BCFL42

Order fixture + order GDFF guard

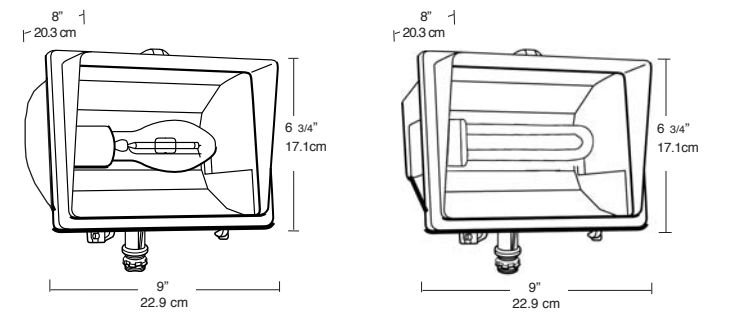
Order fixture + order GDFF guard

GDFF

Catalog Numbers

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

Dimensions



HID FLOODS

EZ FLOOD



Mid-size HID floodlight.
Easy to install. Easy to afford.
The EZ Flood.

New Design!

New 2" Integra Hood for Friendly Lighting reduces light trespass and glare when properly aimed

Hinged lens frame is captive during relamping

Silicone gasket for durable weatherproofing

Hydroformed reflector is field adjustable to horizontal or vertical lamp positions



Horizontal Vertical

Precision die cast aluminum housing and lens frame with polyester powder coat finish

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



Long life lamp supplied

PULSE START

High Efficiency Metal Halide

Product Information

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

Lamp Watts	Lamp Type	Lamp Base	Ballast
35	ED17	Med	R-HPF 120V
50	ED17	Med	R-HPF 120V
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

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

PS 50	ED17	Med	HX-HPF QT	.6 / .6	.4 / .4	.3 / .3	.3 / .3
PS 70	ED17	Med	HX-HPF QT	.7 / .8	.4 / .5	.4 / .4	.3 / .4
PS 100	ED17	Med	HX-HPF QT	1.0 / 1.2	.6 / .7	.5 / .6	.4 / .5
PS 125	ED17	Med	CWA-HPF QT	.8 / 1.3	.5 / .8	.4 / .7	.4 / .6
150	ED17	Med	CWA-HPF QT	1.0 / 1.6	.6 / .9	.5 / .8	.5 / .7
PS 150	ED17	Med	CWA QT	1.4 / 1.6	1 / 1.0	.7 / .8	.6 / .7

Factory Installed Options
Add suffix to catalog number

Button Photocontrol
Swivel Photocontrol

Accessories for Field Installation

Chrome Plated Wire Guard
Glare Hood - 6"

Specifications

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

Lens Frame:
Precision die cast aluminum. Hinged for easy access.

Housing:
Precision die cast aluminum, 1/2" NPS threaded arm with locking swivel.

Socket:
Porcelain 4kv Pulse Rated socket with nickel plated screw shell.

Reflector:
Hydroformed aluminum. Field adjustable vertical or horizontal.

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

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

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



Info Online 24/7

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

Effective Projected Area:
Maximum EPA = .6

Weight:

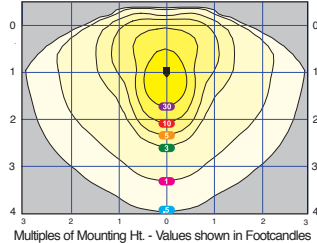
Fixture	lbs	Fixture	lbs
HPS35	9	MH50	12
HPS50	9	MH70	13
HPS70	10	MH100	13
HPS100	13	MH150	15
HPS150	13		

Patents:

The design of the EZ Flood is protected by patents pending in the U.S., Canada, China, Taiwan and Mexico.

Photometrics

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



Multiples of Mounting Ht. - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier 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	PS 125	—	.8
		PS 150	—	.9
		150	1.0	.8

New!

EZ Flood HPS

Versatile HPS Floodlight with hinged lens frame and hydroformed reflector. Field adjustable vertical and horizontal lamp positions. 35-150w HPS. Lamp supplied.

Finish: ● Bronze
○ White



Bronze finish and horizontal lamp position shown.

New!

EZ Flood MH

Versatile MH Floodlight with hinged lens frame and hydroformed reflector. Field adjustable vertical and horizontal lamp positions. 50-150w QT MH. Lamp supplied.

Finish: ● Bronze
○ White



White finish and vertical lamp position shown.

New!

EZ Guard & Hood

Heavy duty chrome plated steel wire guard prevents damage and vandalism. Easy field installable 6" Glare Hood field installs in minutes to further reduce glare and light trespass.

Guard Finish: ● Chrome

Hood Finish: ● Bronze
○ White



Shown with Guard



Shown with Hood



Easy to open!



Easy to rotate lamp position!



Replacement Lamps **Replacement Ballasts**

LHPS35	BHPSH35
LHPS50	BHPSH50
LHPS70	BHPSH70
LHPS70	BHPSH70QT
LHPS100	BHPSH100
LHPS100	BHPSH100QT
LHPS150	BHPSH150
LHPS150	BHPSH150QT

LMH50	BMHH50QT
LMH70	BMHH70QT
LMH100	BMHH100QT
LMH125PS	BMHH125PSQ
LMH150	BMHH150QT
LMH150PS	BMHH150PSQ

Catalog Numbers

Bronze	White
EZSH35	EZSH35W
EZSH50	EZSH50W
EZSH70	EZSH70W
EZSH70QT	EZSH70QTW
EZSH100	EZSH100W
EZSH100QT	EZSH100QTW
EZSH150	EZSH150W
EZSH150QT	EZSH150QTW

/PC /PC
/PCS /PCS

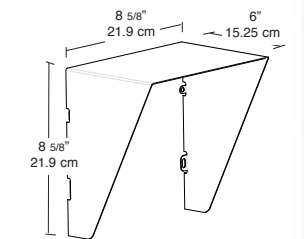
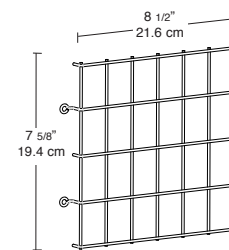
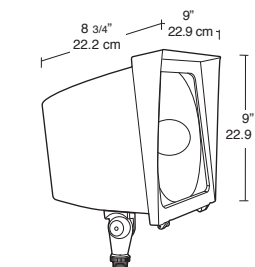
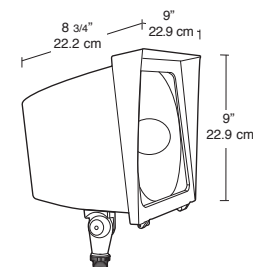
Bronze	White
EZHH50QT	EZHH50QTW
EZHH70QT	EZHH70QTW
EZHH100QT	EZHH100QTW
EZHH125PSQ	EZHH125PSQW
EZHH150QT	EZHH150QTW
EZHH150PSQ	EZHH150PSQW

/PC /PC
/PCS /PCS

Bronze	White
GDEZW	EZH6W

GDEZW (chrome finish)
EZH6 EZH6W

Dimensions



HID FLOODS

Flex Flood®



PULSE START
High Efficiency Metal Halide

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

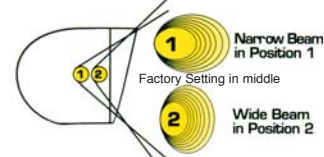
Integra Hood glare shield for Friendly Lighting when properly aimed

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



See page 50 for the 400w FXL



Product Information

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

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

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
42	Triple	GX24q-4	Electronic HPF

Factory Installed Options
Add suffix to catalog number

Button Photocell
Swivel Photocell
Single fusing for 120 and 277 volt
Double fusing for 208 and 240 volt
Wire Guard

Accessories

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

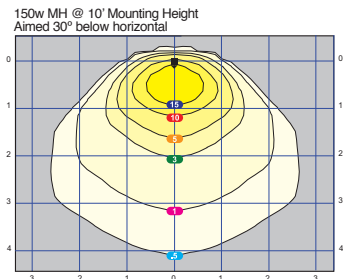
Patents:
The design of the FlexFlood is protected by U.S. Patents D544125, D545472, D545471, D545987, China Patents ZL200530004904.3, ZL200530004905.8, ZL200530004903.9, ZL200530004906.2, ZL200530004902.4, Taiwan Patents D113250, D113248, and D113252.

Weight:

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

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

Photometrics



Multiples of Mounting Ht. - 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	PS*125	—	.9	—
25	.2	PS*150	—	1.0	—
		150	1.2	.9	—

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.

Finish: ● Bronze
○ White



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.

Finish: ● Bronze
○ White



Bronze
FXX

White
FXXW

FlexFlood® Trunnion

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

Finish: ● Bronze
○ White



Bronze
FXT

White
FXTW

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.

Finish: ● Bronze
○ White



Bronze
FXSF

White
FXSFW

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

/PC /PC
/PCS /PCS
/F /F
/FF /FF
GDFX GDFX

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

/PC /PC
/PCS /PCS
/F /F
/FF /FF
GDFX GDFX

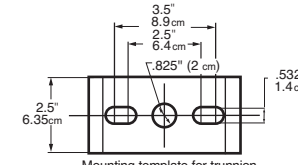
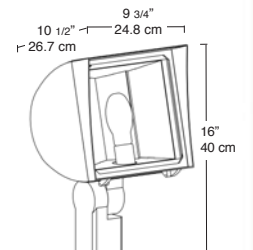
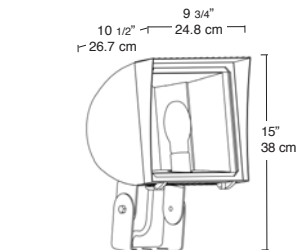
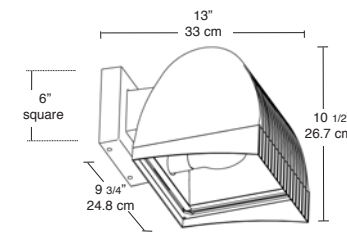
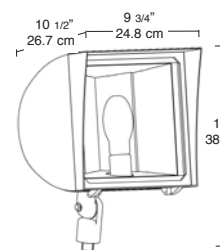
Bronze	White
FX70T	FX70TW
FX70TQT	FX70TQTW
FX100T	FX100TW
FX100TQT	FX100TQTW
FX150T	FX150TW
FX150TQT	FX150TQTW
FXH50TQT	FXH50TQTW
FXH70TQT	FXH70TQTW
FXH100TQT	FXH100TQTW
FXH125TPSQ	FXH125TPSQW
FXH150TPSQ	FXH150TPSQW
FXH150TQT	FXH150TQTW
FXF42TQT	FXF42TQTW

/PC /PC
/PCS /PCS
/F /F
/FF /FF
GDFX GDFX

Bronze	White
FX70SF	FX70SFW
FX70SFQT	FX70SFQTW
FX100SF	FX100SFW
FX100SFQT	FX100SFQTW
FX150SF	FX150SFW
FX150SFQT	FX150SFQTW
FXH50SFQT	FXH50SFQTW
FXH70SFQT	FXH70SFQTW
FXH100SFQT	FXH100SFQTW
FXH125SFPSQ	FXH125SFPSQW
FXH150SFPSQ	FXH150SFPSQW
FXH150SFQT	FXH150SFQTW
FXF42SFQT	FXF42SFQTW

/PC /PC
/PCS /PCS
/F /F
/FF /FF
GDFX GDFX

Dimensions



HID FLOODS

Flex Flood XL



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

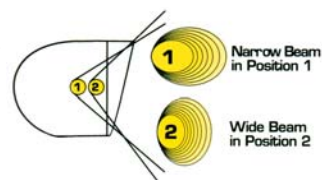
Integra Hood glare shield for Friendly Lighting when properly aimed

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

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

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

Watts	Lamp Type	Lamp Base	Ballast
250	ED18	Mogul	CWA-HPF QT
400	ED18	Mogul	CWA-HPF QT
E200	T15	Mogul	CWA-HPF QT
E250	ED28	Mogul	CWA-HPF QT
E320	ED28	Mogul	CWA-HPF QT
E350	ED28	Mogul	CWA-HPF QT
E400	ED28	Mogul	CWA-HPF QT

Factory Installed Options
Add suffix to catalog number

Button Photocell
Swivel Photocell

Single fusing for 120 and 277 volt
Double fusing for 208 and 240 volt
480V models available (consult factory)
Wire Guard

Accessories

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

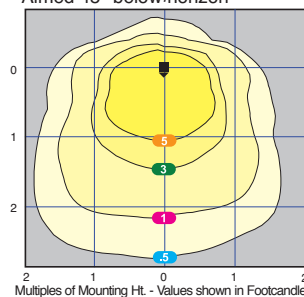
Patents:
The design of the FlexFlood XL is protected by U.S. Patents D552283, D550387, D549380 and D552282, Canada Patents D115522, D115602, D115147 and D115601, China Patents ZL200630133219.5, ZL200630133220.8, ZL200630014233.3 and ZL200630133222.7, Taiwan Patents D121517, D121171 and D120512 and Taiwan patents pending.

Weight:

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

Photometrics

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

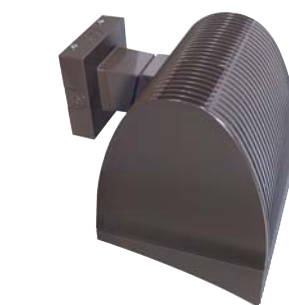


Mounting Height Multiplier	Watts	Multiplier HPS	Multiplier MH
15	4.0	E200	.4
20	2.3	250	.6
30	1.0	E250	.5
35	.7	E320	.6
40	.6	E350	.7
		400	1.0
		E400	.8

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



New! FXL Trunnion

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

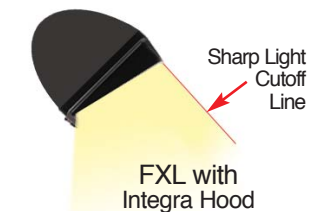
Finish: ● Bronze
○ White



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



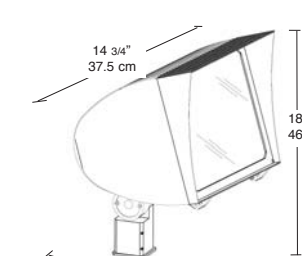
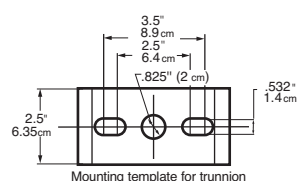
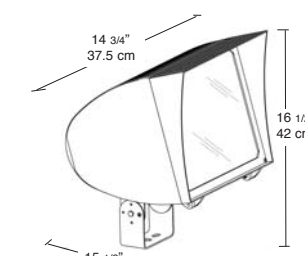
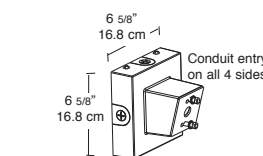
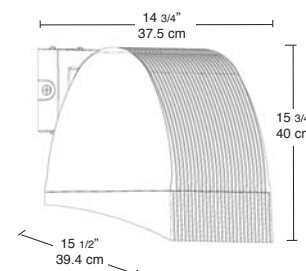
Catalog Numbers

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

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

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

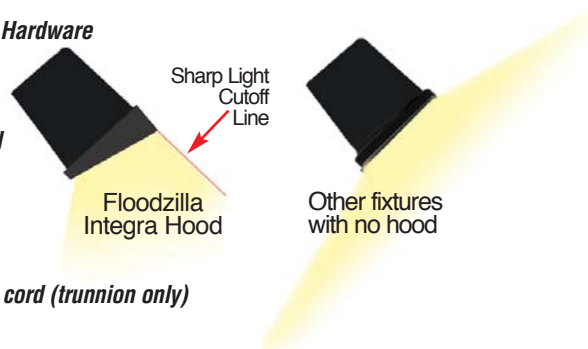
Reflector designed for precise beam control

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

Product Information

High Pressure Sodium	Lamp Watts	Lamp Type	Lamp Base	Circuit / Voltage
Lamp supplied with fixture	250	ED18	Mogul	CWA HPF QT
	400	ED18	Mogul	CWA HPF QT
Metal Halide	Lamp Watts	Lamp Type	Lamp Base	Circuit / Voltage
Lamp supplied with fixture	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

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

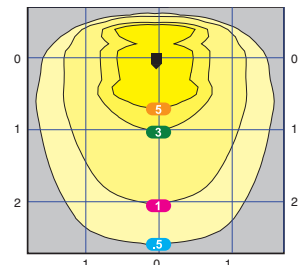
Weight:	Fixture lbs	Fixture lbs	
HPS250	33	MH200	30
HPS400	35	MH250	31
		MH320	31
		MH350	31
		MH400	31

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

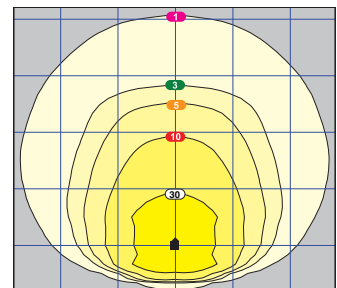
Floodlighting
400w HPS @ 30' Mounting Height
Aimed 45° below horizon



Multiples of Mounting Ht. - Values shown in Footcandles

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

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



Floodzilla® Hood, Shield & 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



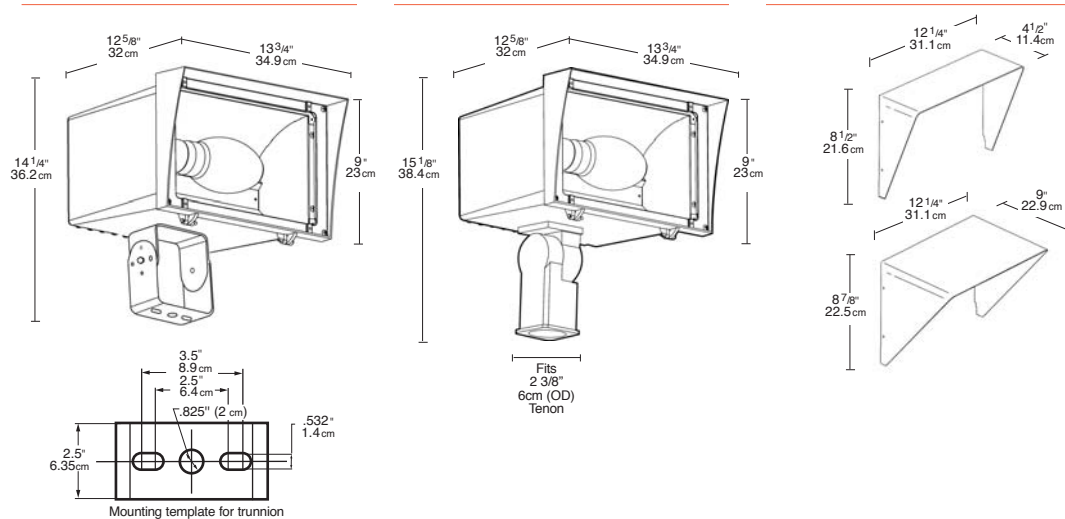
Replacement Lamps
LHPS250
LHPS400
LMH200PS
LMH250PS
LMH320PS
LMH350PS
LMH400PS



Ballasts
BHPH250QT
BHPH400QT
BMH200PSQ
BMH250PSQ
BMH320PSQ
BMH350PSQ
BMH400PSQ

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

Dimensions



Poles, Bullhorns and Mounting Brackets available
See pages 84-85

HID FLOODS MEGAFLOOD®



Mega performance, quality and value from state-of-the-art 400 & 250 watt HID floods with 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

Anodized aluminum reflector adjusts for variable beam spread

Lamp supplied

Ballast compartment separated by anodized aluminum die formed wall

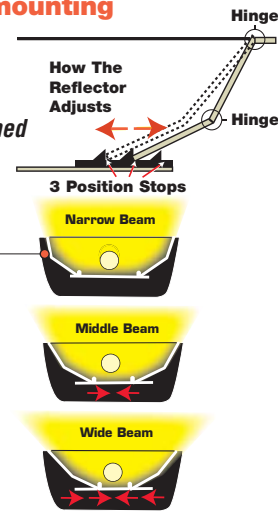
Silicone gasket for durable weatherproofing & easy relamping

Rugged mounting Trunnion or Slipfitter models

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

Stainless steel external hardware

Polyester powder coat finish



Complies with EISA 2007

Product Information

High Pressure Sodium	Watts	Lamp Type	Lamp Base	Ballast
Lamp supplied with fixture	250	ED18	Mogul	CWA-HPF
	400	ED18	Mogul	CWA-HPF
Metal Halide				
Lamp supplied with fixture	200	ED28	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

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)
- Wire Guard
- Polycarbonate Shield
- Hoods MEGH4
- MEGH9

Accessories for Field Installation
Add suffix to catalog number

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 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 = 2.0
Maximum EPA with 9" hood = 4.0

Starting Amps / Operating Amps	Starting Amps / Operating Amps				Input Watts	Lamp ANSI	Lamp Initial Lumens	Lamp Life Hours
	120V	208V	240V	277V				
1.8/2.5	1.0/1.5	9/13	0.8/1.1	295	S50	29,000	24,000	
3.7/3.8	2.2/2.2	1.1/1.9	1.6/1.7	464	S51	50,000	24,000	
1.4/2.0	8/12	7/10	6/9	232	M136	19,000	15,000	
1.4/2.5	8/15	7/13	6/11	288	M138	22,000	12,000	
2.6/3.2	1.5/1.8	1.3/1.6	1.2/1.4	368	M132	30,000	20,000	
3.3/3.6	1.9/2.1	1.7/1.8	1.4/1.6	400	M131	33,300	20,000	
3.5/4.0	2.0/2.3	1.8/2.0	1.5/1.8	450	M135	40,000	20,000	

Specify Photocell voltage

New! MegaFlood® Trunnion

MegaFlood with steel trunnion mount allows easy surface mounting for aiming flexibility. Factory wired with QT CWA-HPF ballast and 3-foot flexible cord. Adjustable aiming over 180° arc. Mounting can be locked securely in place. Factory wired for 277V. Lamp supplied.

Finish: ● Bronze



New! MegaFlood® Slipfitter

MegaFlood with heavy duty, die cast slipfitter for 2 3/8" O.D. tenon size. Slipfitter joint adjusts over 180° arc. Factory wired for 277V. Lamp supplied.

Finish: ● Bronze



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



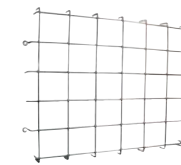
Shield MegaFlood® & Guard

Clear polycarbonate shield and chrome plated wire guard protects MegaFlood against vandalism and accidental breakage.

Finish: ● Clear



Finish: ● Chrome



MegaFlood® Hoods

Heavy duty hoods cut down on glare and direct light where you need it. Available in 4" and 9" sizes for easy on site installation.

Finish: ● Bronze



Catalog Numbers

MEGS250QT	/PC
MEGS400QT	/PCS
	/F
	/FF
	/480
	GDMEGW
	GDMEGP
	MEGH4
	MEGH9

MEGS250SFQT	/PC
MEGS400SFQT	/PCS
	/F
	/FF
	/480
	GDMEGW
	GDMEGP
	MEGH4
	MEGH9

	/PC
	/PCS
	/F
	/FF
	/480
	GDMEGW
	GDMEGP
	MEGH4
	MEGH9

	/PC
	/PCS
	/F
	/FF
	/480
	GDMEGW
	GDMEGP
	MEGH4
	MEGH9

Info Online 24/7

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

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

Patents:
The design of the MegaFlood is protected by U.S. Patents D565772 and D570024, Canadian Patents D121989 and D121991, China Patent ZL200730149208.0, Taiwan patent D127426 and patents pending in China and Taiwan.

Photometrics

See page 170-177 for photometrics



Replacement Lamps

LHPS250
LHPS400

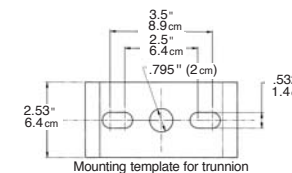
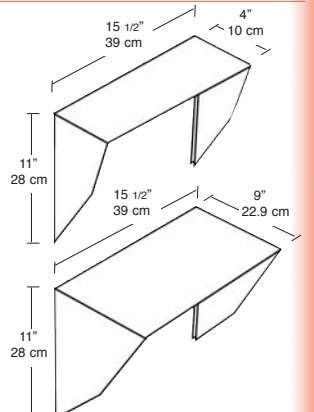
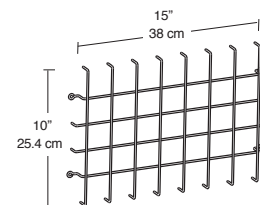
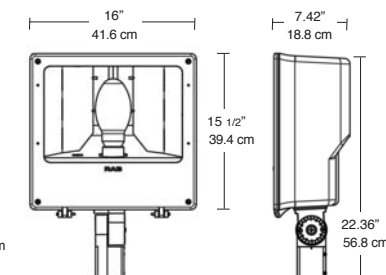
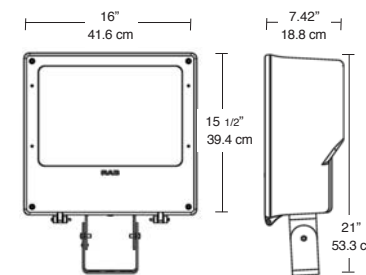
Replacement Ballasts

BHPH250QT
BHPH400QT

LMH175MOG
LMH200PS
LMH250
LMH250PS
LMH320PS
LMH350PS
LMH400
LMH400PS

BMHH175QT
BMHH200PSQ
BMHH250QT
BMHH250PSQ
BMHH320PSQ
BMHH350PSQ
BMHH400QT
BMHH400PSQ

Dimensions



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

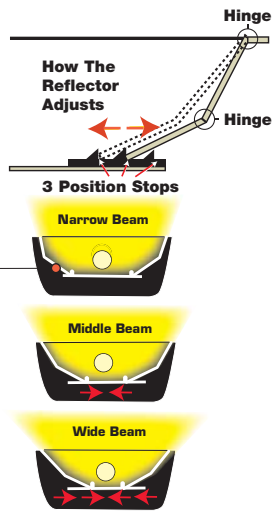
Quad Tap Ballast standard for 120/208/240/277 volts

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	1000	ED25	Mogul	CWA HPF QT
Lamp supplied with fixture	1000	ED25	Mogul	CWA HPF 480
QT = Quad Tap = 120 / 208 / 240 / 277 volts				
Metal Halide	1000	BT56	Mogul	CWA HPF QT
Lamp supplied with fixture	1000	BT56	Mogul	CWA HPF 480
PSQ & QT=Quad Tap=120 / 208 / 240 / 277 volts				

Factory Installed Options

Add suffix to catalog number

Button Photocell
Swivel Photocell
Single fusing for 120 and 277 volt.
Double fusing for 208 and 240 volt.

Accessories for Field Installation

Add suffix to catalog number

Wire Guard
Hood **6"**
12"

Input Watts	Starting Amps / Operating Amps					Lamp Initial Lumens	Lamp Life Hours
	120V	208V	240V	277V	480V		
1100	7.2/9.5	4.2/5.5	3.6/4.8	3.1/4.2		20,000	20,000
1100				2.3/2.3		20,000	20,000
1080	6.0/9.0	3.5/5.2	3.0/4.5	2.6/3.9		110,000	20,000
1080				1.9/2.3		110,000	20,000

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

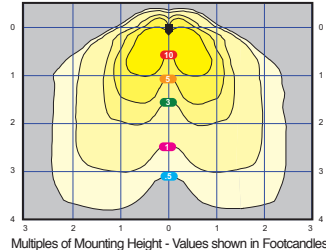
Weight:	Fixture lbs	Fixture lbs
HPS1000	75	68

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



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

New! Floodinator® Trunnion

Floodinator with steel trunnion mount allows easy surface mounting for aiming flexibility. Factory wired with QT CWA-HPF ballast and 3-foot flexible cord. Adjustable aiming over 180° arc. Mounting can be locked securely in place. Lamp supplied.

Finish: ● Bronze



New! Floodinator® Slipfitter

Floodinator with slipfitter mount allows easy pole top mounting for aiming flexibility. Fits 2 3/8" O.D. tenon. Factory wired with QT CWA-HPF ballast. Adjustable aiming over 180° arc. Mounting can be locked securely in place. Lamp supplied.

Finish: ● Bronze



6" and 12" Hoods

Hood to help cut down on unnecessary glare is designed to attach to Floodinator. Die formed steel. Mounting hardware supplied. Hood can be used with wire guards. Easy field installation.

Finish: ● Bronze



FNH12 Hood shown

Steel Wire Guard

Heavy duty chrome plated steel wire guard protects fixture from accidental damage and vandalism. Mounting hardware supplied. Easy field installation.

Finish: ● Chrome



Wire Guard

Catalog Numbers

Bronze
FNS1000QT
FNS1000/480
FNH1000QT
FNH1000/480
/PC
/PCS
/F
/FF
GDFN
FNH6
FNH12

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

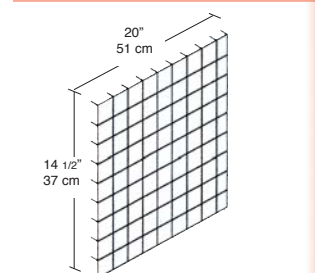
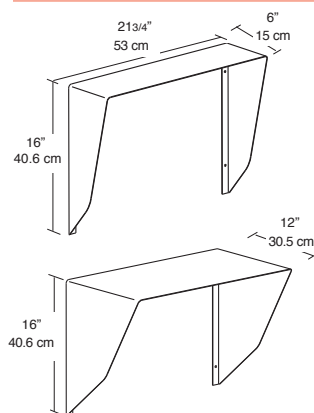
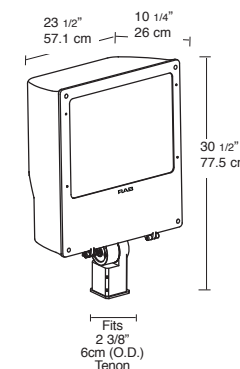
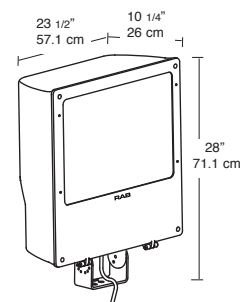


Bronze
FNS1000SFQT
FNS1000SF/480
FNH1000SFQT
FNH1000SF/480
/PC
/PCS
/F
/FF
GDFN
FNH6
FNH12

Bronze
FNH6
FNH12

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

Dimensions



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

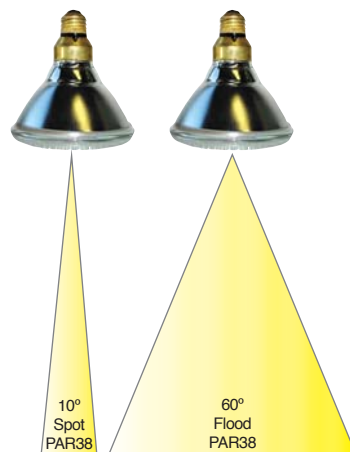
Large Silicone rubber gasket provides weatherproof protection around lamp and socket

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
H101A	H101B	H101W	H101VG
H2A	H2B	H2W	H2VG

Floodlight only:
Dual Floodlight Kit:

Bronze	Black	White	Verde Green
HB101A	HB101B	HB101W	HB101VG
HB2A	HB2B	HB2W	HB2VG

Bronze	Black	White	Verde Green
HH1A	HH1B	HH1W	HH1VG

Bronze	Black	White	Verde Green
HG1A	HG1B	HG1W	HG1VG

Bronze	Black	White	Verde Green
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

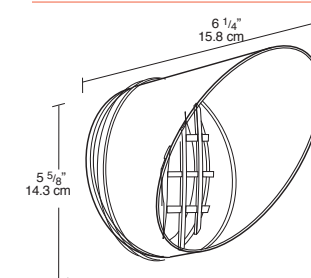
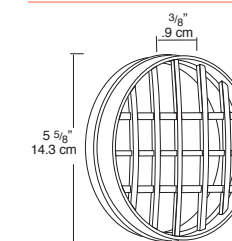
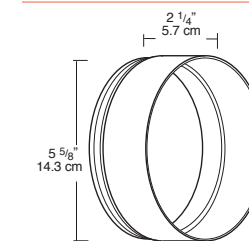
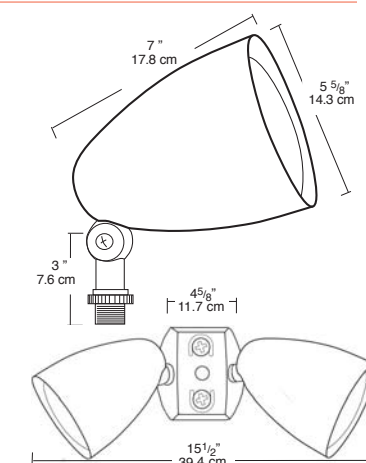
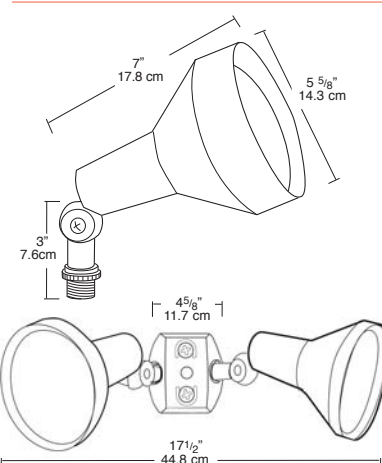
Lamps: Medium base PAR-38 lamps up to 150 watts. Halogen lamps give brighter light and choice of beam spreads.

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.

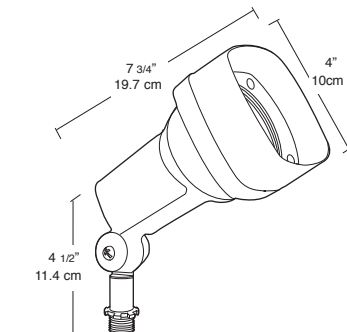
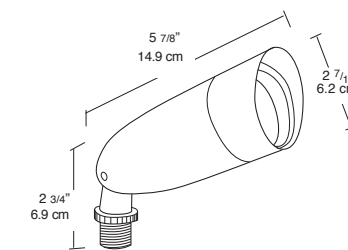
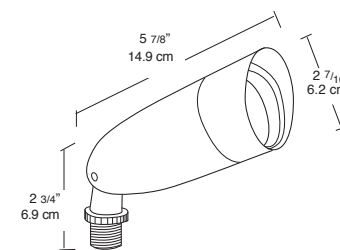
Catalog Numbers

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

Dimensions



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

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	PAR-38
PAR20 (LFP38 only)	Lamps not supplied

Lamp Watts	Lamp Base
150	Medium
50	Medium

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



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



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



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



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



Catalog Numbers

Bronze	Black	White	Verde Green	Silver Gray
LFP38A	LFP38B	LFP38W	LFP38VG	LFP38S
LFP38A	LFP38B	LFP38W	LFP38VG	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.

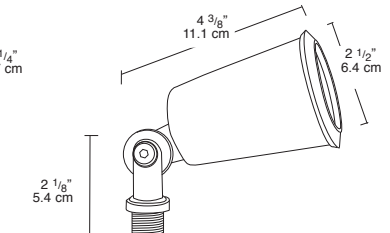
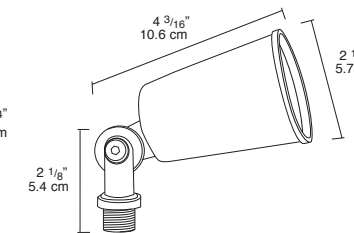
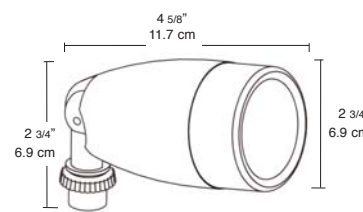
Housings:
Precision die cast aluminum.

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

CURVE®

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 supplied with fixture

Accessory Wire Guard

Lamp Watts	Lamp Type	Lamp Base
500	T3	Double Ended
300	T3	Double Ended
200	T3	Double Ended
150	T3	Double Ended

Initial Lumens	Lamp Hours
11,000	2,000
6,100	2,000
3,600	2,000
2,800	2,000

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:

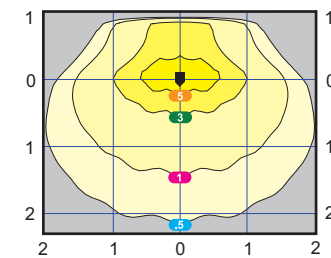
	Lamp Cat#	Lens Cat#
QF150F	LQ150	LQF150F
QF200F	LQ200	LQF200F
QF300F	LQ300	LQF500F
QF500F	LQ500	LQF500F

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

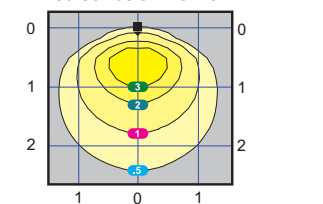
500w Quartz @ 15' Mounting Height Aimed 30° below horizon



Multiples of Mounting Ht. - Values shown in Footcandles

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



Multiples of Mounting Ht. - Values shown in Footcandles

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

Quartz CURVE® 500

Sleek design 500 watt quartz flood with rounded back and fins 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.

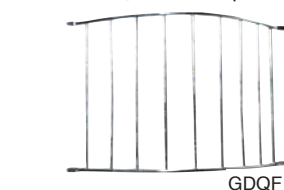
Finish: ● Bronze
○ White



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



Catalog Numbers

Bronze	White	Chrome
QF500F	QF500FW	
		GDQF

Bronze	White	Chrome
QF300F	QF300FW	
		GDQF

New!

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



Bronze	White	Chrome
QF200F	QF200FW	
		GDQF2

New!

Quartz CURVE® 150

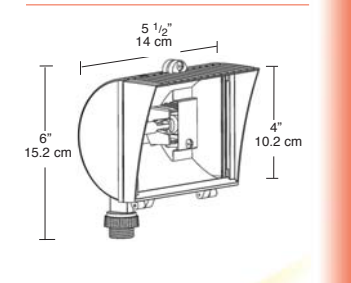
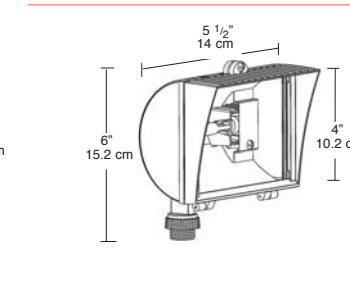
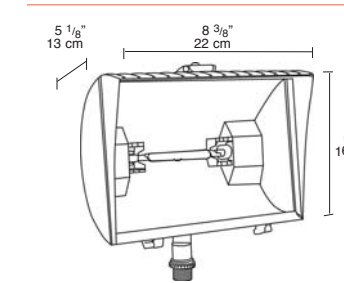
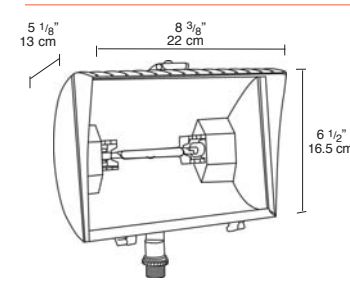
The Mini Curve. High quality die cast flood with rounded back and integral glare shield. Tempered glass lens. Gold plated socket contacts and 250°C Teflon coated wires for extended lamp life. 150 watt double ended 130 volt Quartz halogen lamp supplied.

Finish: ● Bronze
○ White



Bronze	White
QF150F	QF150FW
	GDQF2

Dimensions



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.
- Finish:**
Chip and fade resistant durable powder coat finish.
- 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
- Replacement Lamps:**



Fixture	Lamp Cat #
Q1	LQ150
Q3	LQ300

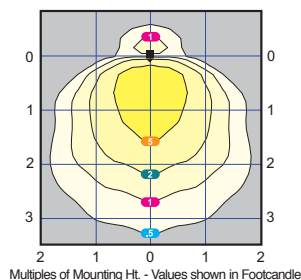
Patents:
The designs of RAB fixtures are protected under U.S. and international intellectual property laws.

Info Online 24/7

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

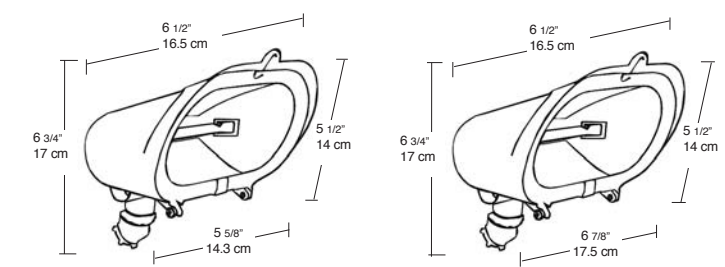
Photometrics

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



Mounting Height	Multiplier	Watts	Multiplier Incand.
8	1.6	150	.5
10	1.0	300	1.0
12	.7		
16	.4		
18	.3		

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

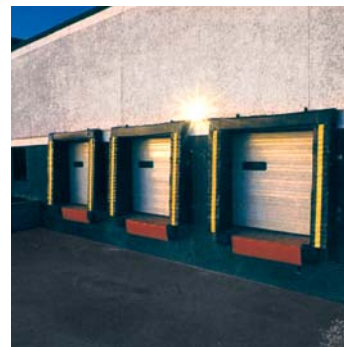
Thick, tempered glass lens

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	Initial Lumens	Lamp Hours
300	T3	Double Ended	6,000	2,000
500	T3	Double Ended	9,500	2,000
1500	T3	Double Ended	33,000	2,000

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:



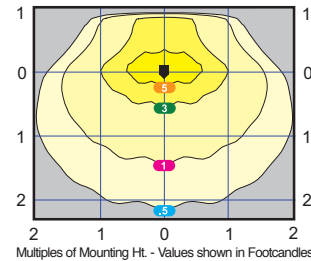
Fixture	Lamp Cat #
QF300	LQ300
QF500	LQ500
QF1500	n/a

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		

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



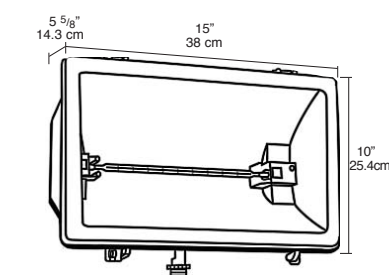
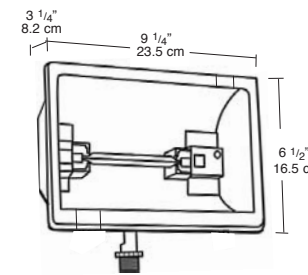
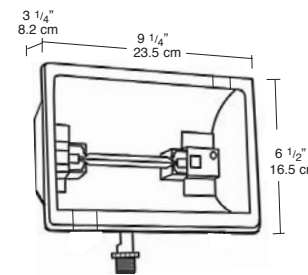
Catalog Numbers

Bronze **White**
QF300 QF300W

Bronze **White**
QF500 QF500W

Bronze
QF1500

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

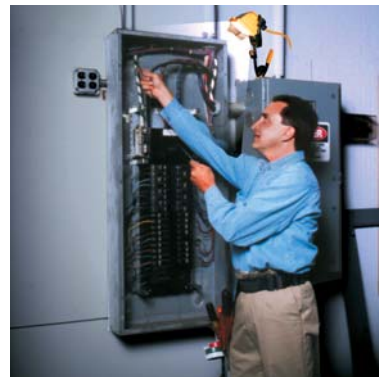
Thick, tempered glass lens

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



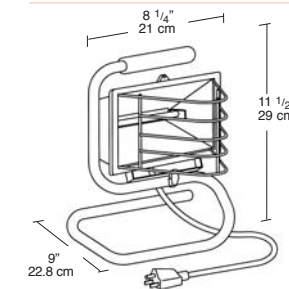
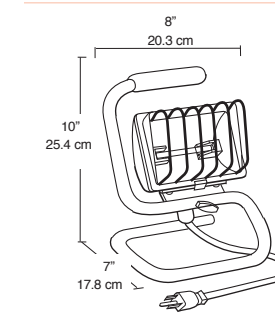
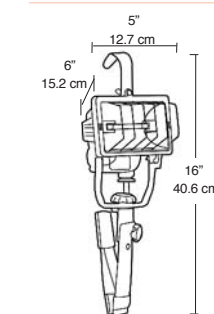
Catalog Numbers

Yellow fixture with black clamp
QF150CL

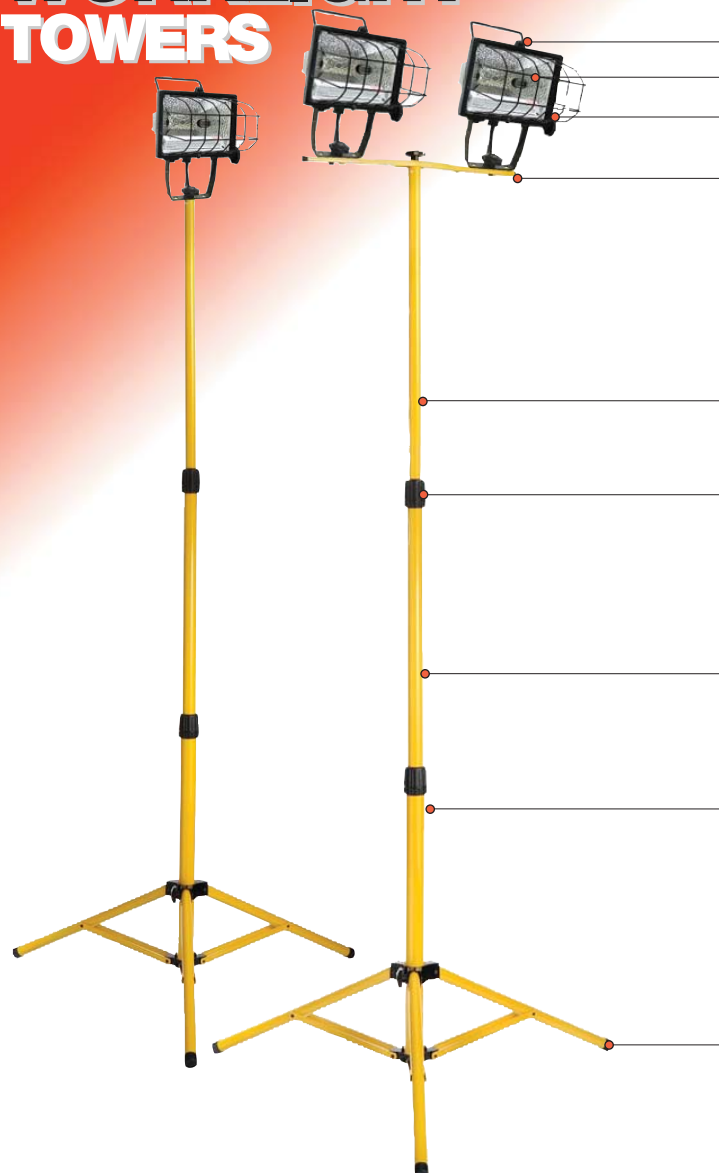
Black fixture with yellow stand
QF150P

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

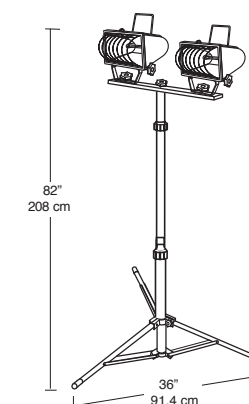
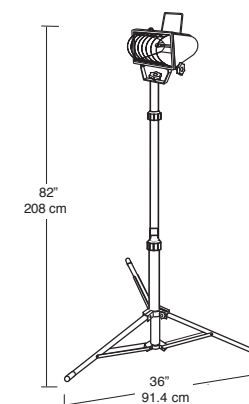


Catalog Numbers

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.

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



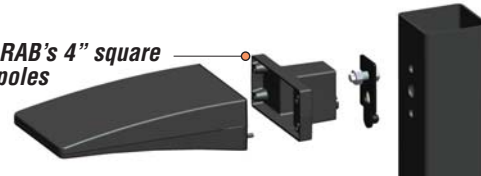
Buy with confidence



Fully Shielded, Full Cutoff Optics



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



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



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



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



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

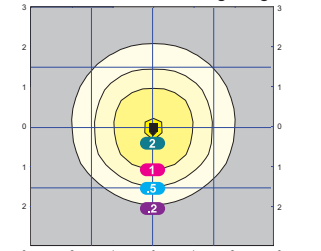


4 ALED10's = 40 Watts
4 ALED13's = 52 Watts
4 ALED20's = 80 Watts



Photometrics

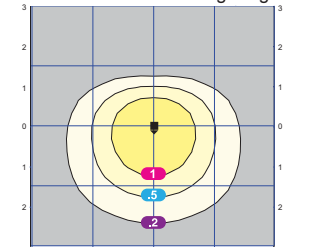
10w LED @ 10' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier
6	2.8
8	1.6
10	1.0
12	0.7

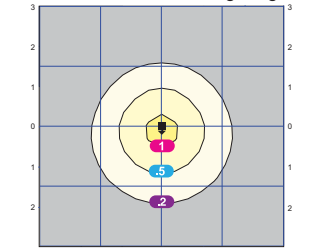
13w LED @ 15' Mounting Height



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

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

Product Information

Lamp Watts	Input Watts	Voltage
LED LIGHT ENGINE	10	13.3
Supplied with fixture	10	13.3
	13	15
	13	15
	22	22
	20	22

Accessories Polycarbonate Shield

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

Catalog Numbers Order Pole separately: See pages 84-85

Bronze	Bronze
ALED10	
ALED10Y	
	ALED13
	ALED13Y
	ALED20
	ALED20Y
	GDWPL20P
GDWPLP	GDWPLP

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

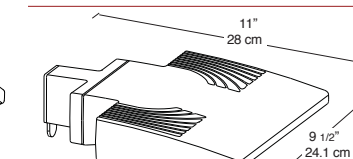
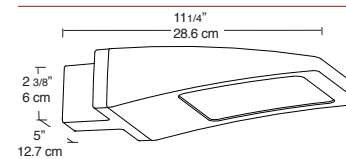
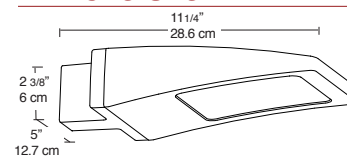
Green Technology: RAB ALEDs are Mercury and UV free.

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

Dimensions



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

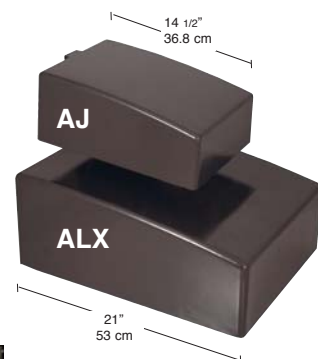
4kv pulse rated socket

Lamp supplied

Hydroformed Reflector



Silicone gasket seals optical compartment



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	PS* 50	ED17	Med	HX-HPF QT	.6 / .6	.4 / .4	.3 / .3	.3 / .3	69	M110	3,400	10,000
	PS* 70	ED17	Med	HX-HPF QT	.7 / .8	.3 / .5	.4 / .4	.3 / .4	91	M98	5,600	15,000
	PS* 100	ED17	Med	HF-HPF QT	1.2 / 1.2	.8 / .7	.7 / .6	.6 / .5	129	M90	9,000	15,000
	PS* 125	ED17/HBU	Med	CWA-HPF QT	.9 / 1.3	.5 / .8	.5 / .7	.4 / .6	150	M150	12,000	15,000
	PS* 150	ED17	Med	CWA-HPF QT	1.8 / 1.6	1.3 / 1.1	.9 / .8	.8 / .7	185	M102	14,000	15,000
	150	ED17	Med	CWA-HPF QT	1.3 / 1.8	.8 / 1.1	.7 / .9	.6 / .8	185	M107	12,500	10,000
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
									29		1,800	12,000
									36		2,400	12,000
Factory Installed Options Add suffix to catalog number												
Accessories												

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
	AJSN50	AJSN50W	AJSN50X	AJSN50XW
	AJSH70QT	AJSH70QTW	AJSH70XQT	AJSH70XQTW
	AJSH100QT	AJSH100QTW	AJSH100XQT	AJSH100XQTW
	AJSH150QT	AJSH150QTW	AJSH150XQT	AJSH150XQTW
	AJH50QT	AJH50QTW	AJH50XQT	AJH50XQTW
	AJH70QT	AJH70QTW	AJH70XQT	AJH70XQTW
	AJH100QT	AJH100QTW	AJH100XQT	AJH100XQTW
	AJH125PSQ	AJH125PSQW	AJH125XPSQ	AJH125XPSQW
	AJH150PSQ	AJH150PSQW	AJH150XPSQ	AJH150XPSQW
	AJH150v	AJH150QTW	AJH150XQT	AJH150XQTW
	AJF26QT	AJF26QTW	AJF26XQT	AJF26XQTW
	AJF32QT	AJF32QTW	AJF32XQT	AJF32XQTW
	AJF42QT	AJF42QTW	AJF42XQT	AJF42XQTW
	AJF52QT	AJF52QTW	AJF52XQT	AJF52XQTW
	AJF64QT	AJF64QTW	AJF64XQT	AJF64XQTW
	AJF84QT	AJF84QTW	AJF84XQT	AJF84XQTW
	/PC	/PC	/PC	/PC
	/PCS	/PCS	/PCS	/PCS
	/PCT	/PCT	/PCT	/PCT
	/F	/F	/F	/F
	/FF	/FF	/FF	/FF
	AJHS7	AJHS7W	AJHS7	AJHS7W
	GDAJW	GDAJW	GDAJW	GDAJW

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

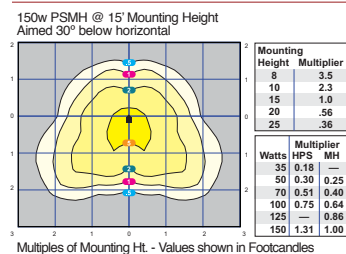
Patents:

The design of the AJ Area Light is protected by U.S. Patents D579,140, D579,141, D591,445, 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.

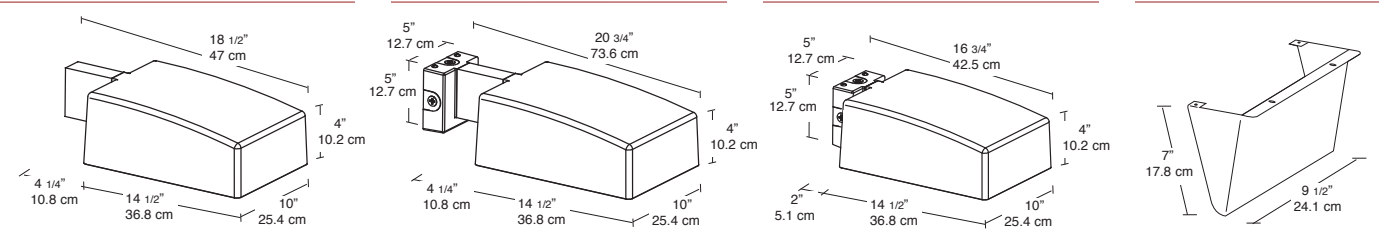
www.rabweb.com

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

Photometrics



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



Complies with EISA 2007

Product Information

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

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)
- Wire Guard
- Polycarbonate Shield
- Shield

Accessories for Field Installation

Add suffix to catalog number

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 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"-10 threaded rods @2" on center.



Effective Projected Area:

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

Starting Amps / Operating Amps				
	120V	208V	240V	277V
1.8/2.5	1.0/1.5	9/1.3	0.8/1.1	
3.7/3.8	2.2/2.2	1.1/1.9	1.6/1.7	
1.4/2.0	8/1.2	7/1.0	6/1.9	
1.4/2.5	8/1.5	7/1.3	6/1.1	
2.6/3.2	1.5/1.8	1.3/1.6	1.2/1.4	
3.3/3.6	1.9/2.1	1.7/1.8	1.4/1.6	
3.5/4.0	2.0/2.3	1.8/2.0	1.5/1.8	

Input Watts	Lamp ANSI	Lamp Initial Lumens	Lamp Life Hours
295	S50	29,000	24,000
464	S51	50,000	24,000
232	M136	19,000	15,000
288	M138	22,000	12,000
368	M132	30,000	20,000
400	M131	33,300	20,000
450	M135	40,000	20,000

Specify Photocell voltage

- /PC
- /PCS
- /F
- /FF
- /480
- GDMEGW
- GDMEGP

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 27395,28396 and patents pending in China, Mexico and Taiwan.

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.

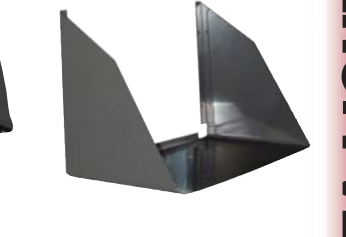
Finish: ● Bronze
○ White



House Side Shield

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

Finish: ● Bronze



BTA4 - Tenon Adapter

Universal for 4 fixtures w/plugs

MEGH9

Catalog Numbers

Bronze

- ALS250QT
- ALS400QT

- ALH200PSQ
- ALH250PSQ
- ALH320PSQ
- ALH350PSQ
- ALH400PSQ

- /PC
- /PCS
- /F
- /FF
- /480
- GDMEGW
- GDMEGP

Bronze

- ALS250SFQT
- ALS400SFQT

- ALH200SFPSQ
- ALH250SFPSQ
- ALH320SFPSQ
- ALH350SFPSQ
- ALH400SFPSQ

- /PC
- /PCS
- /F
- /FF
- /480
- GDMEGW
- GDMEGP

Bronze

- ALS250XQT
- ALS400XQT

- ALH200XPSQ
- ALH250XPSQ
- ALH320XPSQ
- ALH350XPSQ
- ALH400XPSQ

- /PC
- /PCS
- /F
- /FF
- /480
- GDMEGW
- GDMEGP

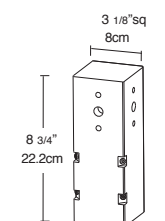
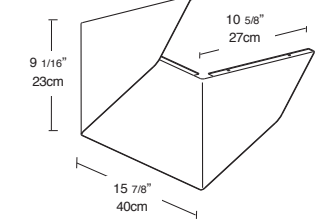
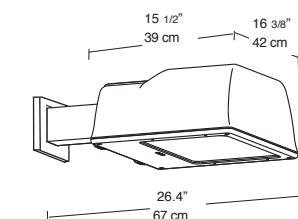
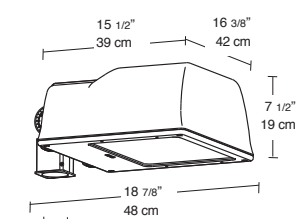
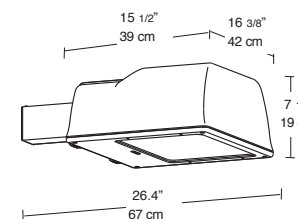
White

- ALS250XQTW
- ALS400XQTW

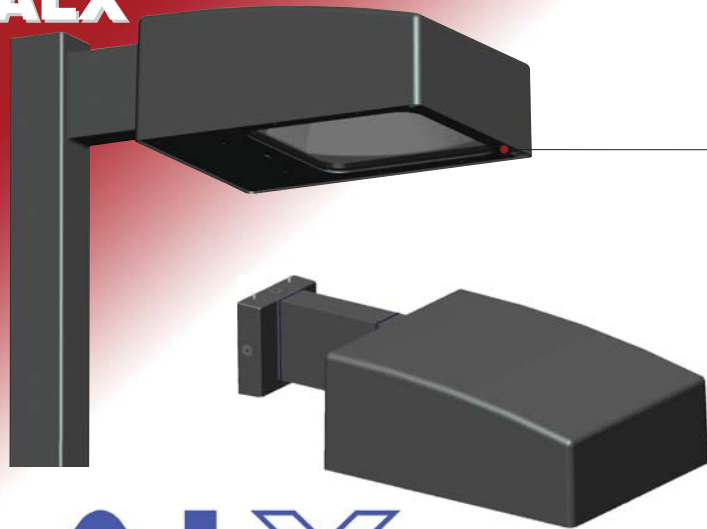
- ALH200XPSQW
- ALH250XPSQW
- ALH320XPSQW
- ALH350XPSQW
- ALH400XPSQW

- /PC
- /PCS
- /F
- /FF
- /480
- GDMEGW
- 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

Toolless Entry

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

Sleek smaller volume design lowers EPA

Sealed optical chamber

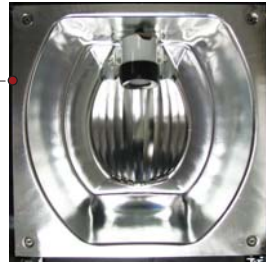
Stainless steel external hardware

Fixed Arm for pole mounting

Silicone lamp retainer keeps lamp in socket

Lamp supplied

Toolless removable ballast tray with quick disconnects



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
250	ED18	Mogul	CWA-HPFQT
400	ED18	Mogul	CWA-HPFQT
E 200	T15	Mogul	CWA HPF QT
E 250	ED28	Mogul	CWA HPF QT
E 320	ED28	Mogul	CWA HPF QT
E 350	ED28	Mogul	CWA HPF QT
E 400	ED28	Mogul	CWA HPF QT

Factory Installed Options
Add suffix to catalog number

Button Photocontrol
Swivel Photocontrol
Twistlock Photocontrol
Single fusing for 120 and 277 volt.
Double fusing for 208 and 240 volt.
480 volt ballast (consult factory)

Accessories for Field Installation

Wire Guard
House Side Shield

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



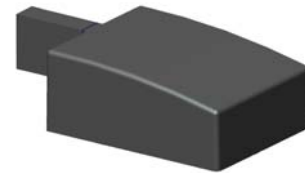
BHPS250T
BHPS400T
BMH200T
BMH250T
BMH320T
BMH350T
BMH400T

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



Catalog Numbers

Bronze

ALXS250QT
ALXS400QT
ALXH200PSQ
ALXH250PSQ
ALXH320PSQ
ALXH350PSQ
ALXH400PSQ

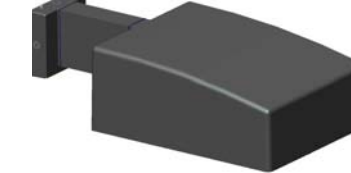
/PC
/PCS
/PCT
/F
/FF
/480
GDALXW

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



Bronze

ALXS250XQT
ALXS400XQT
ALXH200XPSQ
ALXH250XPSQ
ALXH320XPSQ
ALXH350XPSQ
ALXH400XPSQ

/PC
/PCS
/PCT
/F
/FF
/480
GDALXW

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



Bronze

ALXS250FXQT
ALXS400FXQT
ALXH200FXPSQ
ALXH250FXPSQ
ALXH320FXPSQ
ALXH350FXPSQ
ALXH400FXPSQ

/PC
/PCS
/PCT
/F
/FF
/480
GDALXW

House Side Shield

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

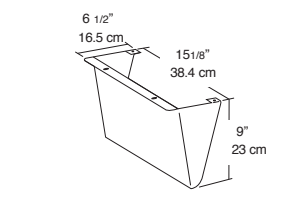
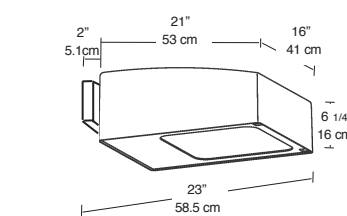
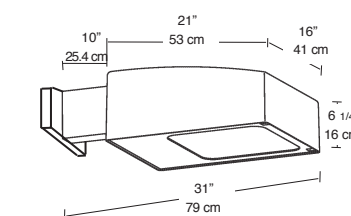
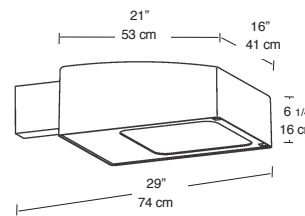
Finish: ● Bronze



Bronze

ALXHS9

Dimensions



POLES

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

Reinforced steel construction

Polyester powder coat finish
Excellent color retention

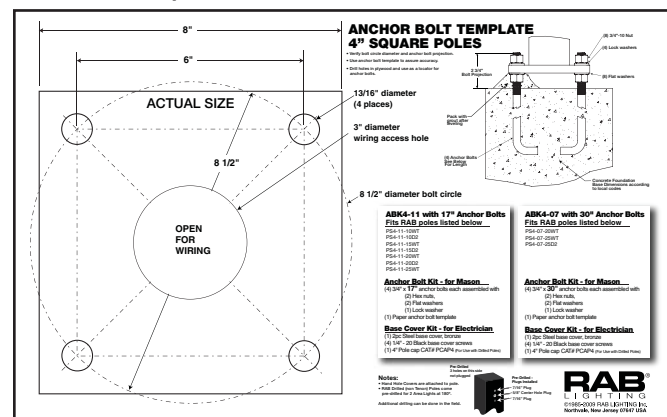
Reinforced Hand holes with grounding lug and removable cover for easy access to wiring

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



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

Heavy Duty Poles for RAB Area Lights & Floods



New!

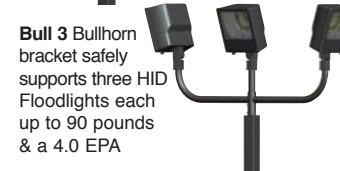
Tenon Poles

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

Product Information

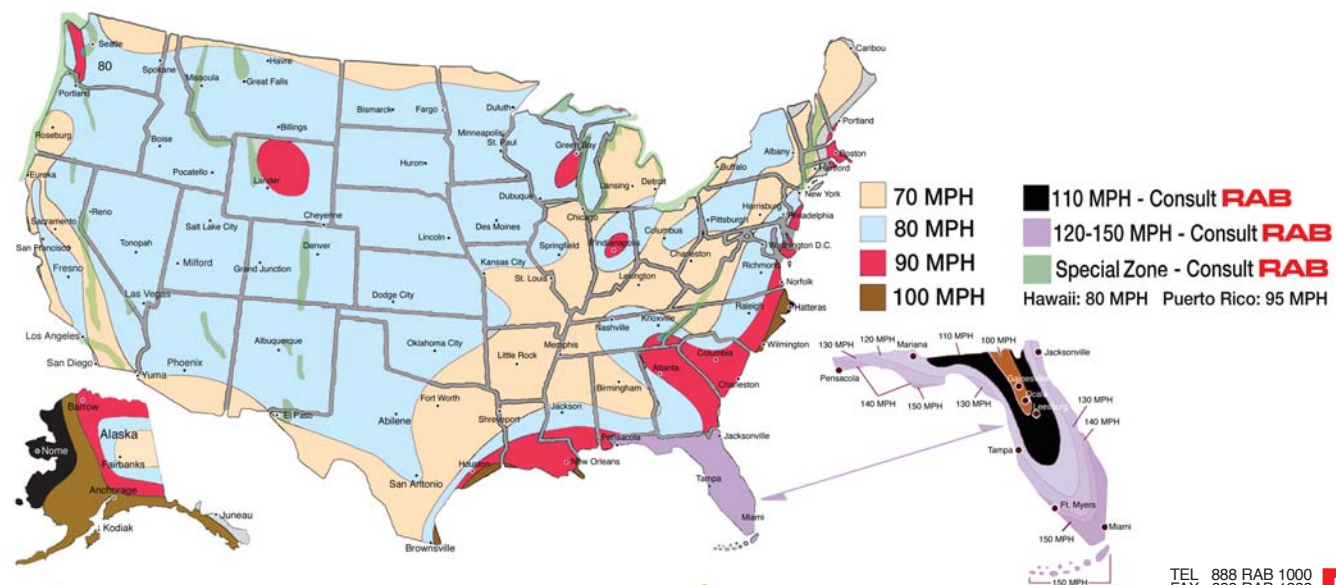
Catalog Number	Shaft Size SQ (in)	Gauge	Pole Height (ft)	Wall Thickness	Hand Hole Dimensions	Anchor Bolt Dimensions	POLE CAPACITY		
							Max. EPAs (sf) ft ² with 1.3 gust	80 MPH	100 MPH
Tenon Poles									
PS4-11-10WT	4	11	10	1/8"	3" x 5"	3/4" x 17"x3"	27.6 / 690	21.1 / 530	13.1 / 330
PS4-11-15WT	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.

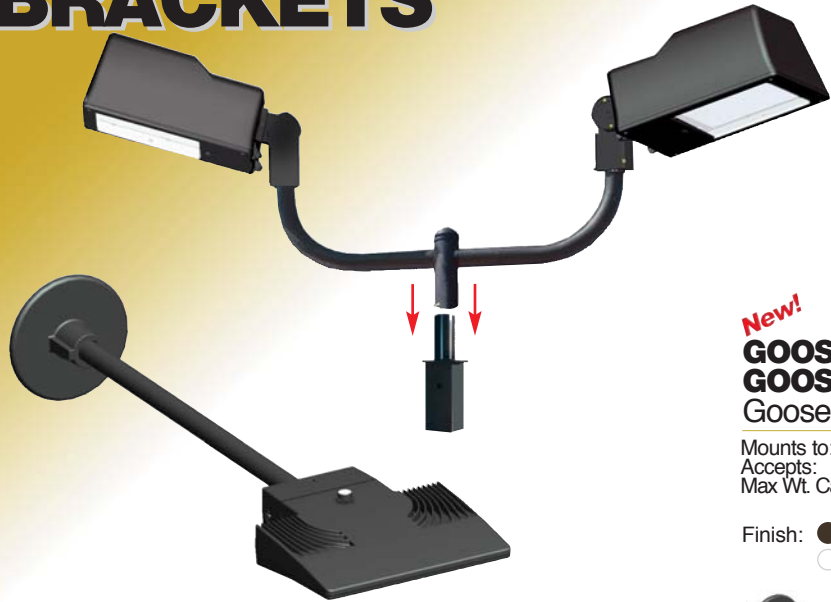
Wind Zone Map

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.

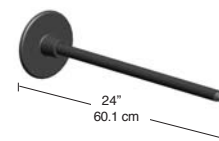
Finish: ● Bronze
○ White



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

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

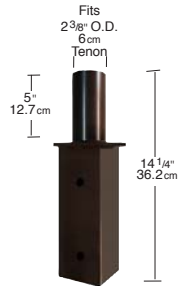
Finish: ● Bronze
○ White



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

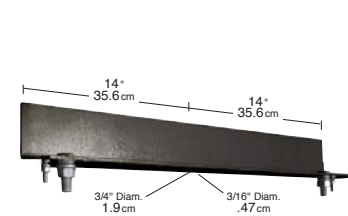
Finish: ● Bronze



BCAT2
Cross Arm Bracket

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

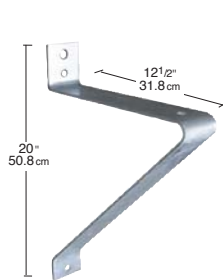
Finish: ● Bronze



BTW12
Trunnion Wall Bracket

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

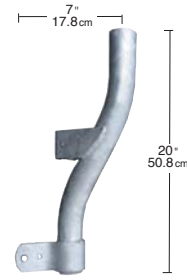
Finish: ● Galvanized Steel



BWS7
Slipfitter "S" Bracket

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

Finish: ● Galvanized Steel

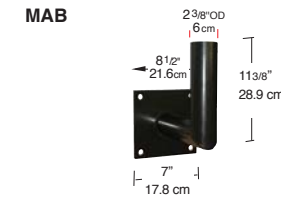


MAB & MCB
Bull Brackets

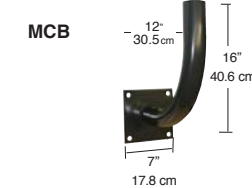
Bracket safely supports one HID floodlight up to 90 pounds & a 4.0 EPA. Curved and right angle models. Great with RAB Floodinator, Megafood, Floodzilla and Flexflood models. For wall mount only.
Max. Wt. Capacity: 90 lbs.
Max EPA: 4.0

Finish: ● Bronze

Right Angle Bracket



Curved Bracket

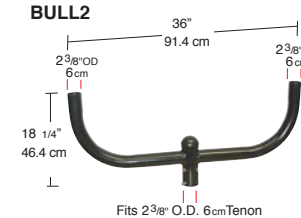


BULL 2
Bullhorn Brackets

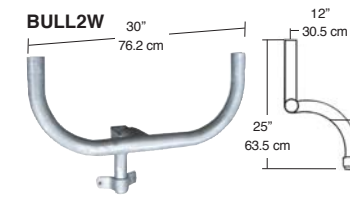
Bullhorn bracket safely supports two HID floodlights each up to 100 pounds & a 5.0 EPA. Great with RAB Floodinator, Megafood, Floodzilla and Flexflood models.
Max. Wt. Capacity: 100 lbs.
Max EPA: 5.0
Bracket EPA: 1.35

Finish: ● Bronze

For Pole Top Mounting



Finish: ● Galvanized Steel

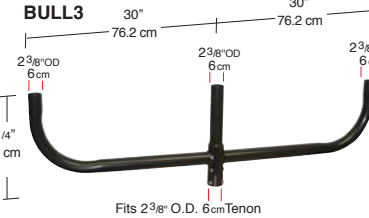


BULL 3
Bullhorn Brackets

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

Finish: ● Bronze

For Pole Top Mounting

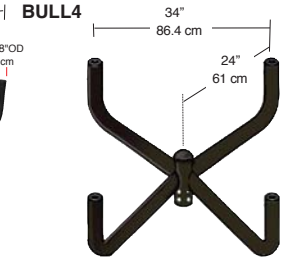


BULL 4
Bullhorn Brackets

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

Finish: ● Bronze

For Pole Top Mounting



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

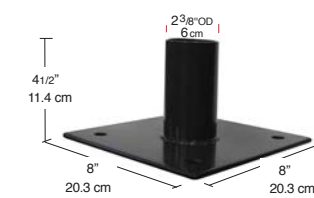
www.rabweb.com
Installation Instructions
Product Specifications
Pole Capacity Calculations

Heavy Duty brackets for Heavy Duty Floods!



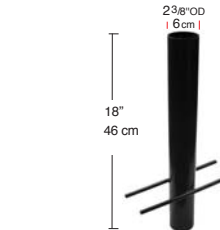
BGS
Surface Mount

Finish: ● Bronze



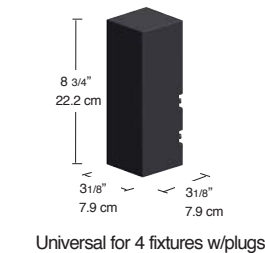
BGC
Concrete Mount

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



Wattage: 1000w
Coverage: 360° & 180°

“Can’t Miss” Detection

New! STL360X



With X-10 Chime
1000w
360° & 180°

STL360Q1



One 150w quartz flood
1000w
360° & 180°

STL360Q2



Two 150w quartz floods
1000w
360° & 180°

STL360Q3



One 300w quartz flood
1000w
360° & 180°

STL360H & STL360HB



Two 150w PAR floods
1000w
360° & 180°

STEALTH®

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

STL110



Wattage: 1000w
Coverage: 110°

Directional Pattern

STL200



Wide Coverage
1000w
200°

STL110R



Two 150w PAR floods
1000w
110°

STL110H



Two 150w PAR floods
1000w
200°

STL200H



Two PAR floods
1000w
200°

STL110HB & STL200HB



STL110HB
STL200HB

Gotcha!Plus® Light Force LUMINATOR®

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

GT500



Wattage: 500w
Coverage: 110°

Reliable

LS300



Economical
300w
110°

GT500R



Two 150w PAR floods
500w
110°

LU300



Two 150w PAR floods
300w
110°

TUFF DOME & MINI SENSOR

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

SMS500



Wattage: 500w
Coverage: 110°

Easy to hide

SB500W



Box mounting
500w
180°

STUFF500



Vandal resistant
500w
180°

SMART SENSORS

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

SL500



Wattage: 500w
Coverage: 180°

Smarten up lanterns

SPOST500



Adapts Post Lanterns
500w
180° & 360°

WPTF28MS



CFL Sensor Tallpack
28w
180°

WP2F42MSW



CFL Sensor Wallpack
42w
180°

WP2CF42MSW



CFL Sensor Cutoff
42w
180°

VAN6F13MS



CFL Sensor Vandalproof
13w
180°

OCCUPANCY & VACANCY SENSORS

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

LOS2500



Wattage: 2400 watt
Coverage: 360°

Best coverage

LOS2400 / LOS2400H



Great for hallways
2400 watt
360°

LOS800/1000 & LVS800



Wall mount
800w/1000w
180°

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

STUFF



Vandal resistant
500w
180°

SMS500



Smart and Flexible
500w
180°

STASK



Control closet and under cabinet lights
16w
180°

OUTDOOR SENSORS

STEALTH[®]

SECURITY GRADE SENSOR



"Can't Miss" Detection[®]

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
- 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



Long, flexible arm for easy soffit mounting



Comprehensive Installation Manual



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.



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

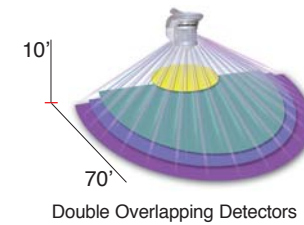
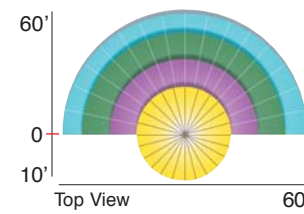
STEALTH[®] 360

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	White
STL360	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

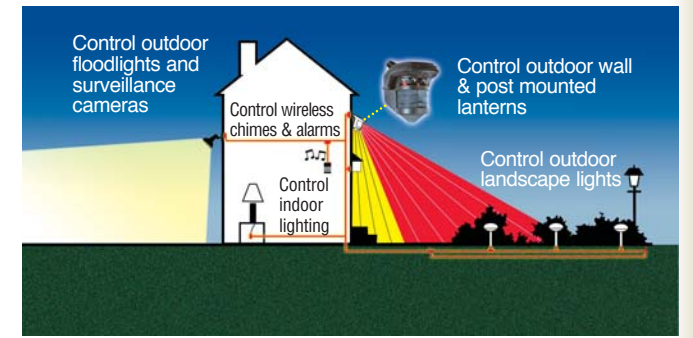


Chime Receiver included



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

Bronze	White
STL360X	STL360XW

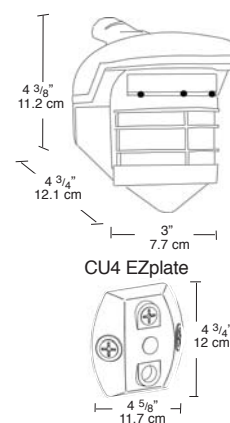


For Home Automation, Outdoor Security and Convenience



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

STEALTH³⁶⁰ 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™



Completely Assembled
And Pre-Wired
For Quick Installation



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



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

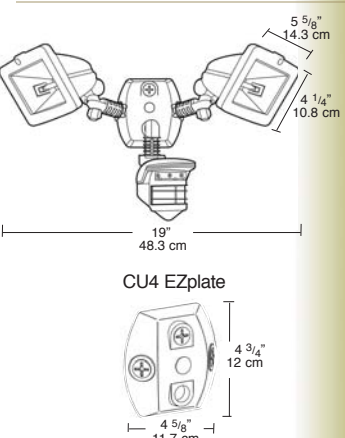
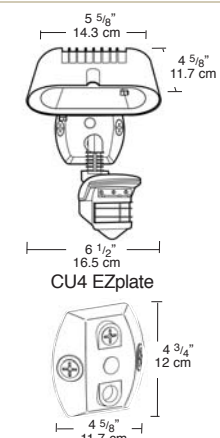
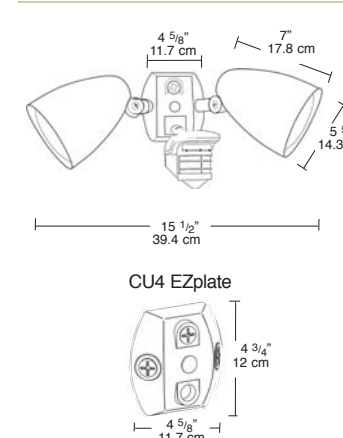
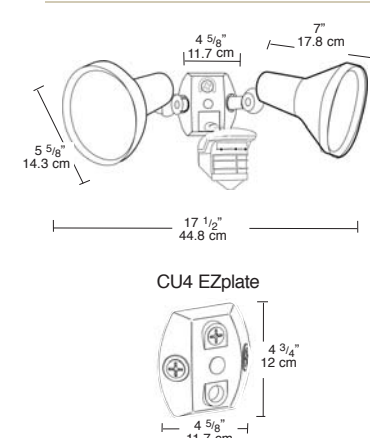
Bronze	White
STL360H	STL360HW
Kit contains: STL360 2-H101A CU4A	STL360W 2-H101W CU4W
Bronze	White
HH1A	HH1W
HG1A	HG1W
HV1A	HV1W

Bronze	White
STL360HB	STL360HBW
Kit contains: STL360 2-HB101A CU4A	STL360W 2-HB101W CU4W
Bronze	White
HH1A	HH1W
HG1A	HG1W
HV1A	HV1W

Bronze	White
STL360Q1 STL360Q3	STL360Q1W STL360Q3W
Kit contains: STL360 Q1A(150w) or Q3A (300w) CU4A	STL360W Q1W(150w) or Q3W (300w) CU4W

Bronze	White
STL360Q2	STL360Q2W

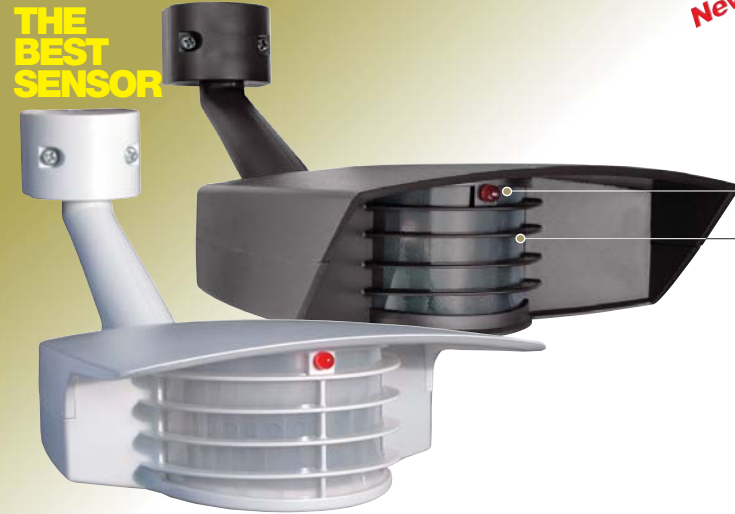
Dimensions



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.

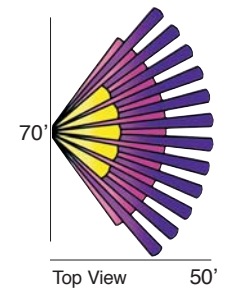
Finish: ● Bronze



Detection Patterns

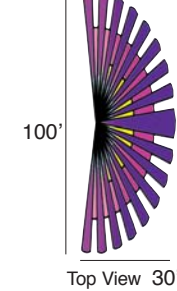
110° Detection

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

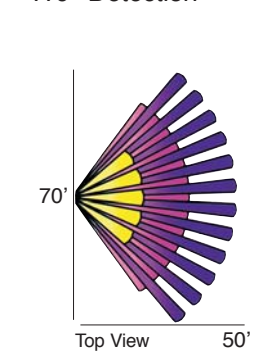


200° Detection

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



110° Detection



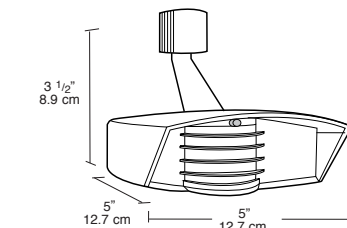
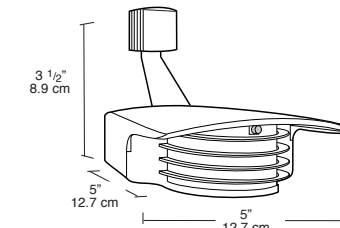
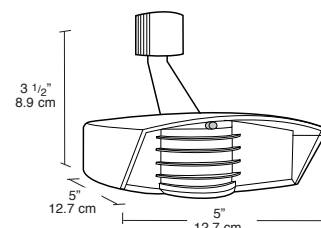
Catalog Numbers

Bronze	White
STL110	STL110W

Bronze	White
STL200	STL200W

Bronze
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 Look 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

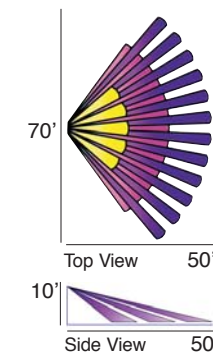
Installing Outdoor Lighting Is EZ with the RAB EZ Plate!



Add reliable security to garages, decks and yards.

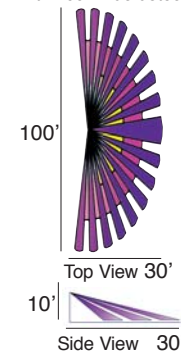
STEALTH 110

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



STEALTH 200

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



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



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



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



Catalog Numbers

Bronze 110°	White 110°	Bronze 110°	White 110°	Bronze 110°	White 110°
STL110H Kit contains: STL110 2-H101A CU4A	STL110HW STL110W 2-H101W CU4W	STL110HB Kit contains: STL110 2-HB101A CU4A	STL110HBW STL110W 2-HB101W CU4W	STL110R Kit contains: STL110 2-R90A CU4A	STL110RW STL110W 2-R90W CU4W



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

	Bronze	White
Hood	HH1A	HH1W
Guard	HG1A	HG1W
Visor	HV1A	HV1W

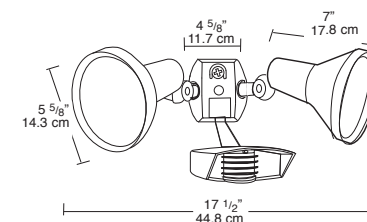
Note: Accessories fit both Bell H101 and Bullet HB101 Floods. Accessories will not fit older H100 floods used pre 2002.

H & HB fixtures. See pages 58-59 for more information.

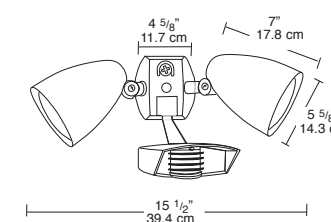
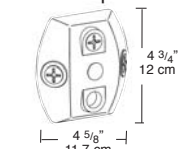
Friendly Lighting®

Make your sensors even friendlier by adding a Hood, Guard or Visor to reduce light trespass and pollution

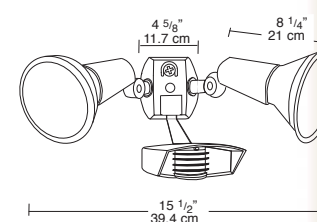
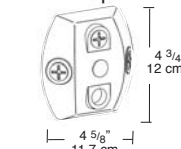
Dimensions



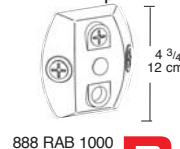
CU4 EZplate



CU4 EZplate

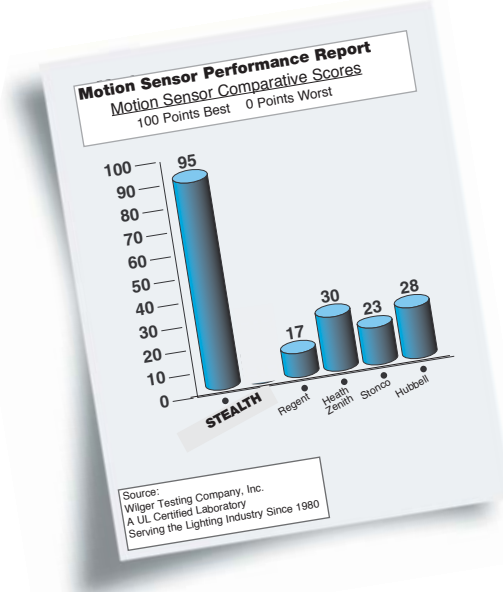


CU4 EZplate



STEALTH Outperforms the Competition.

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



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 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:** Medium base PAR-38 lamps up to 150 watts. 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

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



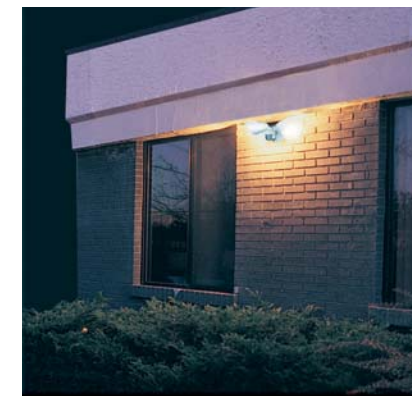
Full color packaging has product features and specifications plus a comprehensive Installation Manual.



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.

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 gaskets and corrosionproof universal cover plate. Lamps not supplied.

Finish: ● Black
○ White



Buzz Bulb

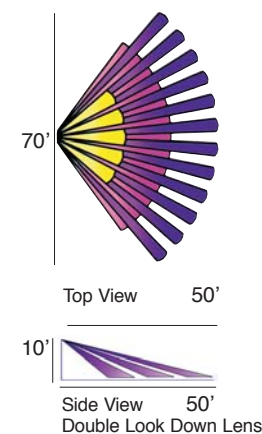
Screws into medium base outdoor floodlights. Emits a piercing 100 decibel screech when powered. When used along with a sensor, it becomes a powerful prowler deterrent.

Finish: ○ Ivory



Completely Assembled And Pre-Wired For Quick Installation

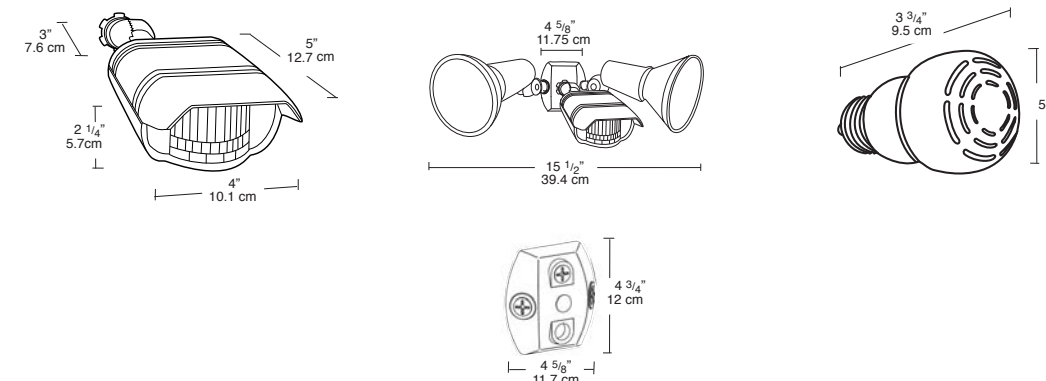
Detection Pattern



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.

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 ZL200730002266, and Taiwan Patents D123958.

Floodlights:
Made of tough, corrosion-resistant polycarbonate. Molded silicone gasket.

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

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.



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



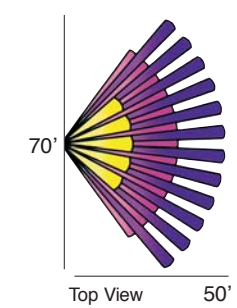
Luminator® Floodlight Kit

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

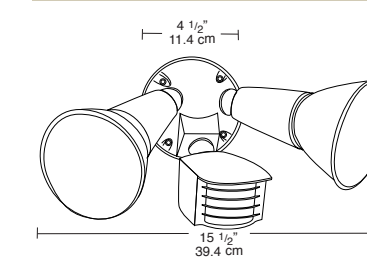
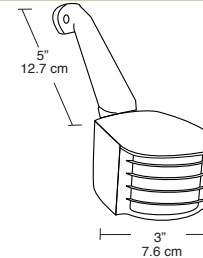


Completely Assembled
And Pre-Wired
For Quick Installation

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 & bonks
- 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



Photocell



Sensitivity Time Control

Lens removes for access to controls on sensor bottom.



Sensor tilts up & down

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.

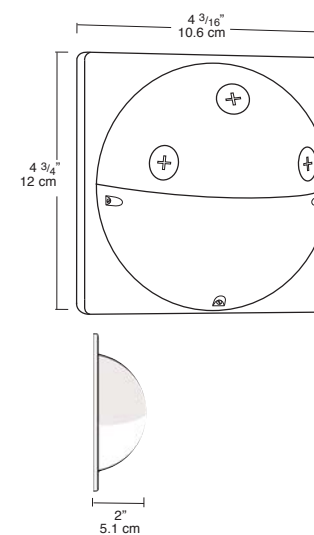
RF Immunity:

Circuits fully shielded for maximum radio frequency immunity.

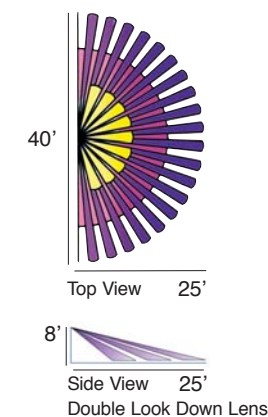
Info Online 24/7

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®



Smart Box controls 500 watts of front door lighting. (Hint: Look on the wall to the left of the door.)

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

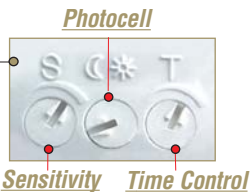
Quick installation with 5 second test time and Auto Test Logic

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.

Product Information

Sensor
500 watts Incandescent or 100 watts Fluorescent

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

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.

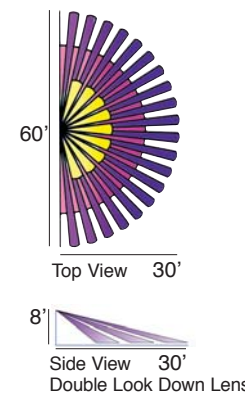
Mini Sensor

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



Detection Patterns



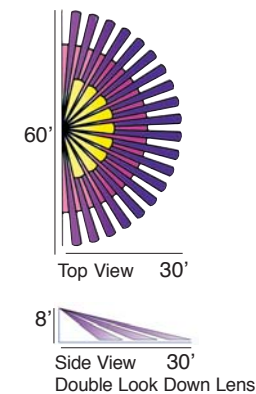
Smart Box®

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.



Detection Patterns



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.

Catalog Numbers

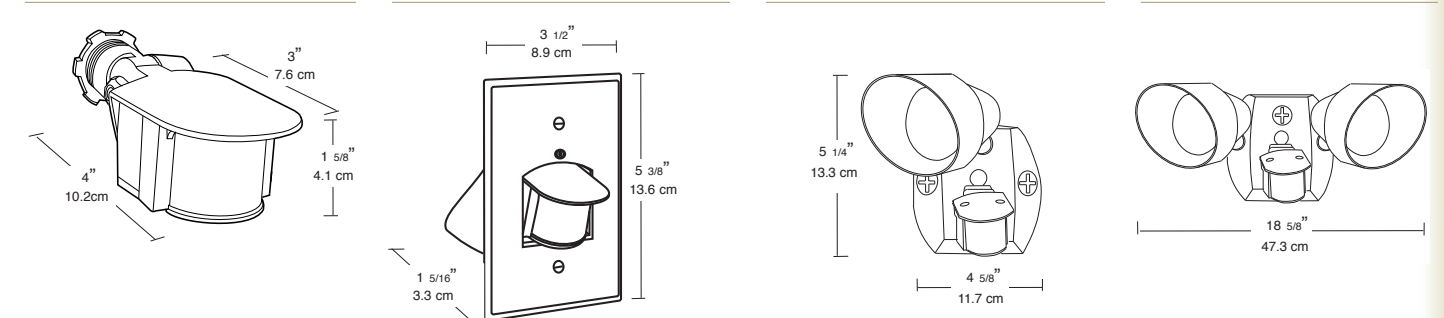
Bronze SMS500
White SMS500W

White SB500W

Bronze SQB1A
White SQB1W
Kit contains:
(1) QB1A
(1) SMS500
(1) CU4A

Bronze SQB2A
White SQB2W
Kit contains:
(2) QB1A
(1) SMS500
(1) CU4A

Dimensions



OUTDOOR SENSORS

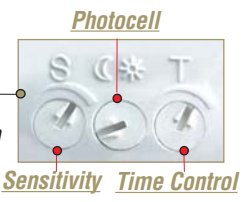
SMART POST & SMART LANTERN®



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

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
- 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
- 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.

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

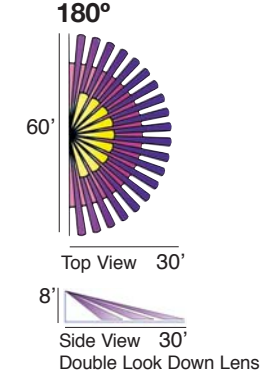
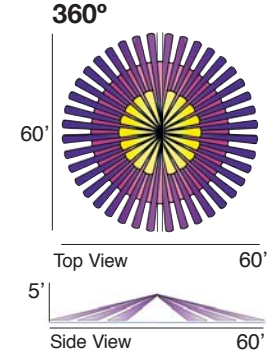
180° Sensor adapts Post Lanterns to automatic motion activated operation. Fits all standard Post Lanterns. Controls 500 watt Incandescent or 100 watt Fluorescent of its own or remotely located lighting.

Finish: ● Black



180° Model

Detection Pattern



Catalog Numbers

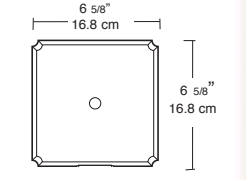
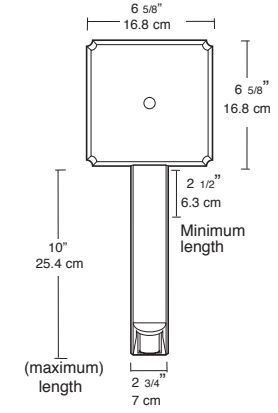
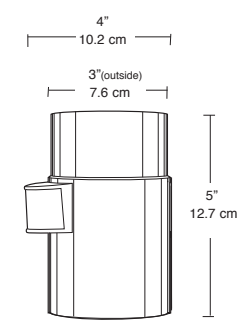
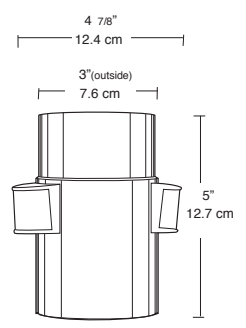
360°
SPOST500

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	Ballast	Minimum Starting Temperature F°	Starting/ Operating Amps 120V	Input Watts	Initial Lumens	Lamp Hours
13	13w Twin	GX23	NPF120V	32°	.4 / .3	16	825	10,000
28	Quad	GX32d-3	NPF 120V	-20°	.8 / .3	32	1,600	10,000
26	2-13w Twin	GX23	NPF 120V	32°	.3 / .3	32	1,650	10,000
26	Triple	GX24q-3	NPF120V	0°	.3 / .3	29	1,800	12,000
32	Triple	GX24q-3	NPF120V	0°	.4 / .3	36	2,400	12,000
42	Triple	GX24q-4	NPF120V	0°	.9 / .8	47	3,200	12,000
64	2- 32w Triple	GX24q-3	NPF120V	0°	.7 / .6	71	4,800	12,000
84	2- 42w Triple	GX24q-4	NPF120V	0°	.9 / .8	93	6,400	12,000
96	3- 32w Triple	GX24q-3	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.

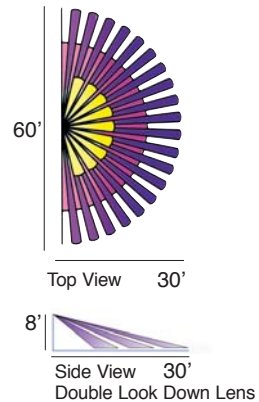
- Manual Override:** Double flip wall switch logic prevents activation by short power outages. Resets after 8 hours. No extra wiring needed.
- Sensor Case Construction:** Precision molded Lexan®
- Vandal Resistant Lens:** Hard lens resists vandalism
- Photoelectric Control:** Deactivates lights during 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 & VAN5:** 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 to 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



SmartVAN3



SmartVAN5

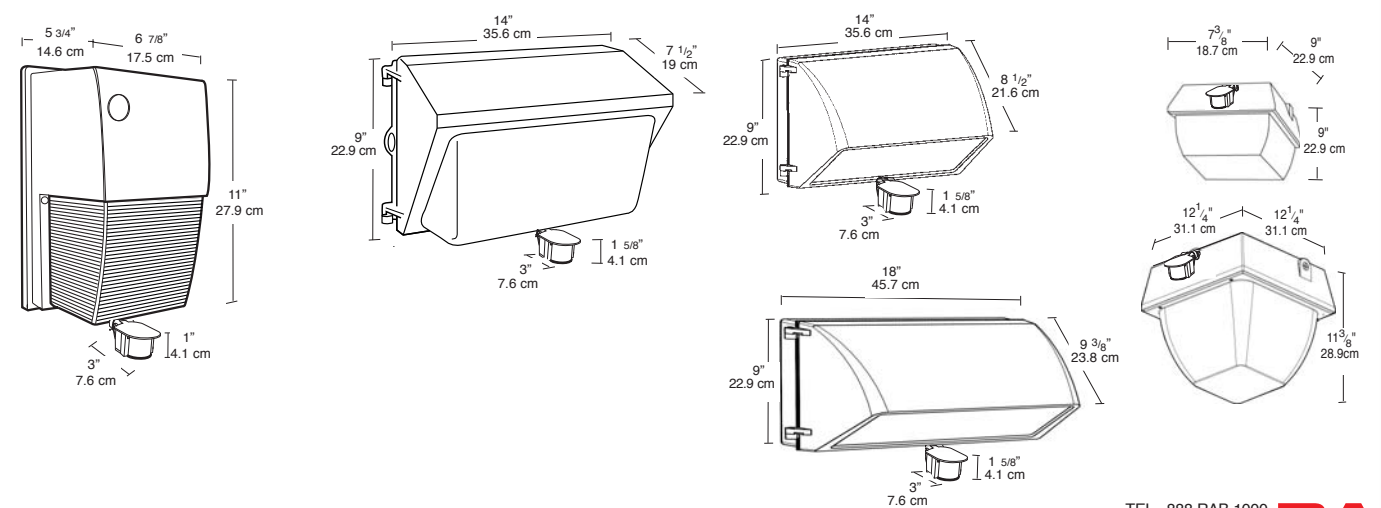


SmartVAN6

Catalog Numbers - All fixtures are 120 volt only

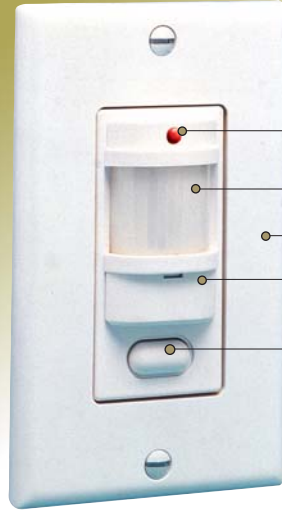
Bronze	White	Bronze	White	Bronze	White	Bronze	White
WPTF28MS	WPTF28MSW						
WPTF42MS	WPTF42MSW	WP2F42MS	WP2F42MSW	WP2CF42MS	WP2CF42MSW		
		WP2F84MS	WP2F84MSW				
						VAN6F13MS	VAN6F13MSW
						VAN6F26MS	VAN6F26MSW
						VAN3F26MS	VAN3F26MSW
						VAN3F32MS	VAN3F32MSW
						VAN3F42MS	VAN3F42MSW
						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



Control lights in offices for energy savings, convenience and safety.

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Control interior lights automatically for energy savings, convenience & safety. RAB Passive Infrared Commercial Grade Wall Sensors - reliable and durable.

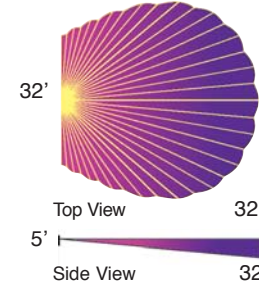


Smart Switch® LOS800 Occupancy Sensor
Includes decorator wall plate. Only 1/2" protrusion. 120 volts. Gangable. Full 180° view covers 1000 sq. ft. Works with electronic ballasts. Can be wired in parallel. LED indicator, wall plate included. Can also be used as a ceiling sensor. Must have hot and common wires in junction box.

- Finish: White
 Almond
 Ivory

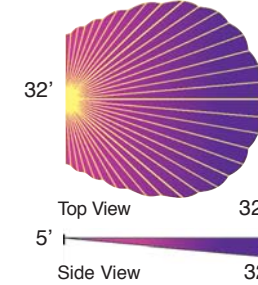


Detection Patterns



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

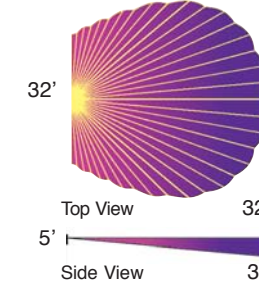


Smart Switch® LOS1000
Includes decorator wall plate. Only 1/2" protrusion. 120 or 277 volts. Gangable. Full 180° view covers 1000 sq. ft. Works with electronic ballasts. Can be wired in parallel. LED indicator, wall plate included. Can also be used as a ceiling sensor. Ground wire required.

- Finish: White
 Ivory



LOS1000 has "ZAPS" Zero Arc Point Switching that protects relay contacts and lengthens ballast and sensor life



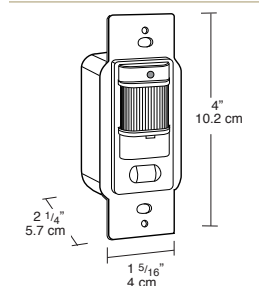
Product Information

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 Watts Switched:	800 watts @ 120 volts 1200 watts @ 277 volts	
Ratings:	6.7 amps @ 120 volts 4.3 amps @ 277 volts	
Power Consumption:	Negligible	
Time Delay:	8 seconds to 15 minutes	
Manual Switch:	Off - Auto	
Ambient Light Sensing:	n/a	
Adjustments:	Time	
Wiring:	Hot and common. No ground required	
Horsepower:		

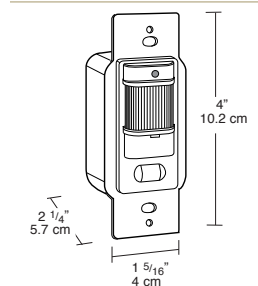
Catalog Numbers

White	Ivory	White	Ivory	White	Ivory
LVS800W/120	LVS800I/120	LVS800W/120	LVS800I/120	LOS1000W/120	LOS1000I/120
LVS800W/277	LVS800I/277	LVS800W/277	LVS800I/277	LOS1000W/277	LOS1000I/277
Almond					
LVS800AL/120		LVS800AL/120			
LVS800AL/277		LVS800AL/277			
Order correct voltage for application					
1000 sf		1000 sf		1000 sf	
800 watts @ 120 volts 1200 watts @ 277 volts		800 watts @ 120 volts 1200 watts @ 277 volts		1000 watts @ 120 volts 1800 watts @ 277 volts	
6.7 amps @ 120 volts 4.3 amps @ 277 volts		6.7 amps @ 120 volts 4.3 amps @ 277 volts		8 amps	
Negligible		Negligible		Negligible	
8 seconds to 15 minutes		8 seconds to 15 minutes		30 seconds to 30 minutes	
Manual on - Auto off		Manual on - Auto off		Off - Auto	
n/a		n/a		n/a	
Time		Time		Time	
Hot and common. No ground required		Hot and common. No ground required		Ground required	
				1/6 Horsepower	

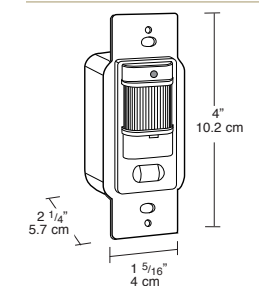
Dimensions



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.

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.

OCCUPANCY SENSORS

SMART SWITCH WALL MOUNT



Smart Box includes oversize wall plate. Fits single gang cast boxes.

500 watt Switching Capacity

Quick installation with 5 second test time and Auto Test Logic

Easy adjustment controls on sensor bottom

LED "On Guard" Detection indicator

Easy adjustment controls on sensor bottom

Vandalproof sensor for schools, gyms and high abuse areas

Protected Manual Override with Auto Reset after 8 hours

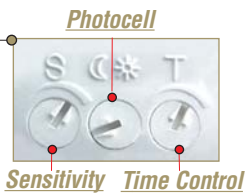
Tough, vandal resistant lens

Surge Protected

Can be wired in parallel

5 Year Warranty

Lens removes for access to controls on sensor bottom of Tuff Dome



Product Information

	White
Catalog #:	SB500W
Coverage Area:	1500 sf
Incandescent Watts Switched:	500 watts @ 120 volts
Fluorescent Watts Switched:	100 watts @ 120 volts
Ratings:	5 amps
Power Consumption:	Negligible
Time Delay:	5 seconds to 15 minutes
Manual Switch:	None
Ambient Light Sensing:	Adjustable
Adjustments:	Time, ambient light & sensitivity

Smart Box[®]

Control 500 watts from an unobtrusive box mounted sensor. Full 180° view with tilt-down adjustment. Integral oversize wall plate included. Fits single gang cast box like RAB's B3 series.

Finish: White



Vandalproof Tuff Dome

Control 500 watts from an unobtrusive box mounted sensor. Vandalproof Lens. Full 180° view. Great for stairwells and gyms! Color matched lens.

Finish: White



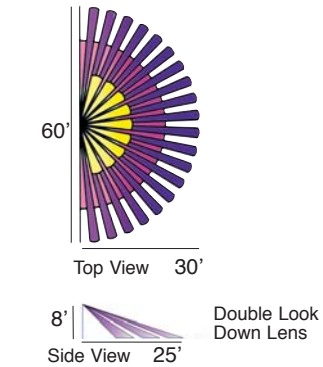
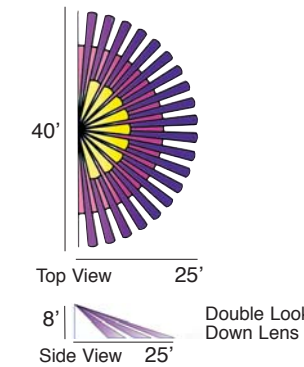
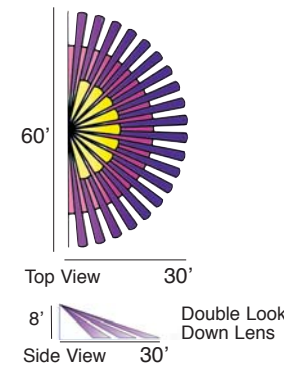
SMS500W Mini Sensor

Wall or Ceiling mount to control 500 watts Incandescent or 100 watts Fluorescent lighting. Vandalproof Lens. Full 180° view. Cover not included.

Finish: White



Detection Patterns

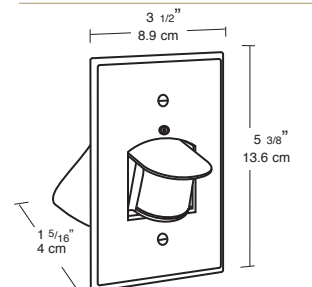


	White
Catalog #:	SB500W
Coverage Area:	1500 sf
Incandescent Watts Switched:	500 watts @ 120 volts
Fluorescent Watts Switched:	100 watts @ 120 volts
Ratings:	5 amps
Power Consumption:	Negligible
Time Delay:	5 seconds to 15 minutes
Manual Switch:	None
Ambient Light Sensing:	Adjustable
Adjustments:	Time, ambient light & sensitivity

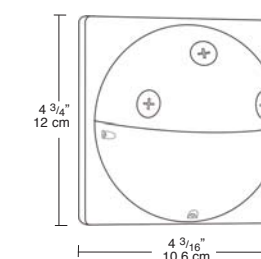
	White
Catalog #:	STUFF500W
Coverage Area:	1500 sf
Incandescent Watts Switched:	500 watts @ 120 volts
Fluorescent Watts Switched:	100 watts @ 120 volts
Ratings:	5 amps
Power Consumption:	Negligible
Time Delay:	5 seconds to 15 minutes
Manual Switch:	None
Ambient Light Sensing:	Adjustable
Adjustments:	Time, ambient light & sensitivity

	White
Catalog #:	SMS500W
Coverage Area:	1500 sf
Incandescent Watts Switched:	500 watts @ 120 volts
Fluorescent Watts Switched:	100 watts @ 120 volts
Ratings:	5 amps
Power Consumption:	Negligible
Time Delay:	5 seconds to 15 minutes
Manual Switch:	None
Ambient Light Sensing:	Adjustable
Adjustments:	Time, ambient light & sensitivity

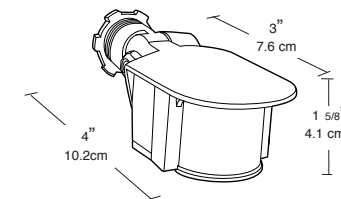
Dimensions



Integral oversize wallplate included.



Adapter plate for rectangular box mounting included.



RAB Occupancy Sensors let you...
**"TURN THE
 ★#◎*&!!
 LIGHTS OFF!"**



Specifications

UL Listing:
Wet locations

Easy Installation:
Smart Box: mounts in single gang cast boxes like RAB's B3 series.
Tuff Dome: mounts to both round and rectangular boxes.

Maximum Energy Savings:
Light only when you need it. No ON switch so lights are never left on by mistake.

Compatibility:
Compatible with dimmers and electronic ballasts. Can be wired in parallel.

Maximum Reliability:
Superb small movement sensitivity within 18 feet.

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

Info Online 24/7

www.rabweb.com
 Wiring Diagrams
 Installation Instructions
 Product Specifications

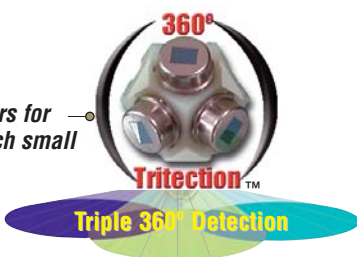
OCCUPANCY SENSORS

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

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 Tritetection 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!

RAB Occupancy Sensors let you...

**"TURN THE
★#◎*&!!
LIGHTS OFF!"**



"Can't Miss" Tritetection for triple overlapping coverage

Product Information

Coverage Area:
Incandescent Watts Switched:

Fluorescent Watts Switched:

Ratings: Amps

Horsepower

Power Consumption:

Time Delay:

Manual Switch:

Adjustments:

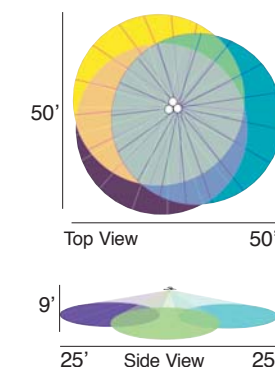
Super Ceiling Sensor LOS2500

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



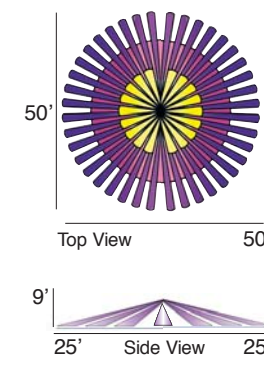
Detection Patterns



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.

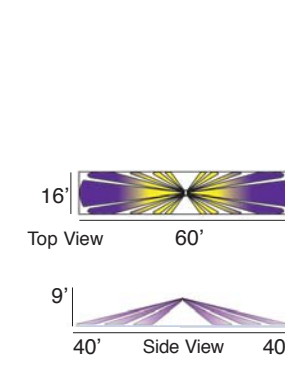
Finish: ○ White



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

Catalog Numbers

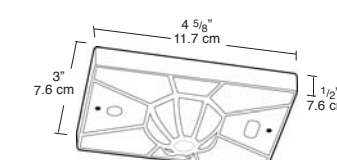
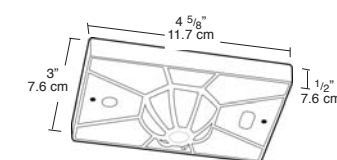
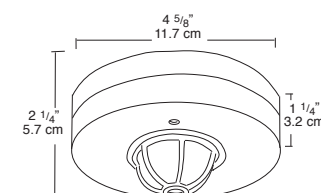
120 Volt	277 Volt
LOS2500/120	LOS2500/277
2152 sf @ 9'	2152 sf @ 9'
2000 watts	1500 watts
2000 watts	1500 watts
16 amps	5.4 amps
3.35 hp	6.7 hp
Negligible	Negligible
10 secs to 8 mins.	10 secs to 8 mins.
None	None
Photo	Photo
Time	Time
Sensitivity	Sensitivity

120 Volt	277 Volt
LOS2400/120	LOS2400/277
2000 sf @ 9'	2000 sf @ 9'
2400 watts	4800 watts
2400 watts	4800 watts
20 amps	20 amps
1 hp	1 1/2 hp
Negligible	Negligible
6 to 15 mins.	6 to 15 mins.
Override key	Override key
Time	Time
Sensitivity	Sensitivity

120 Volt	277 Volt
LOS2400H/120	LOS2400H/277
16' x 60' Hall pattern	16' x 60' Hall pattern
2400 watts	4800 watts
2400 watts	4800 watts
20 amps	20 amps
1 hp	1 1/2 hp
Negligible	Negligible
6 to 15 minutes	6 to 15 minutes
Override key	Override key
Time	Time
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



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.

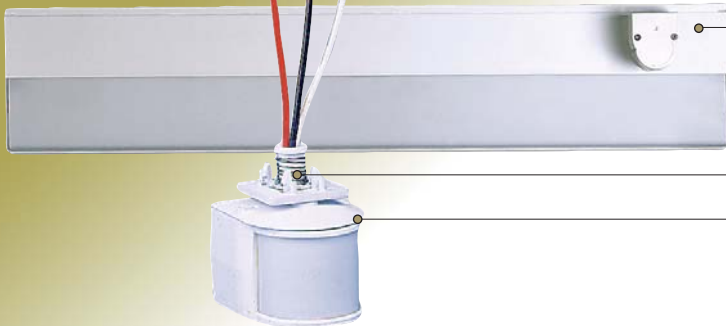
Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

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

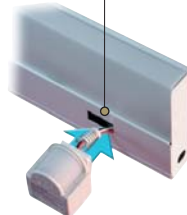
OCCUPANCY SENSORS

SMART TASK

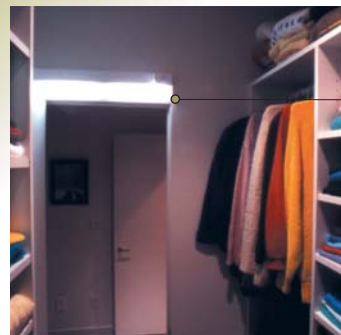


Turn closet, cubicle and kitchen lights on when you're working, off when you're not!

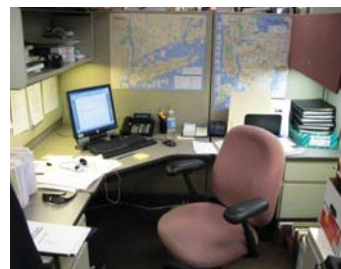
- Motion activated Undercabinet light**
- 120° degree by 30' view sensor swivels 330° to aim as needed**
- High quality 1" thin undercabinet fixture in a variety of lengths**
- Retrofit sensor fits in standard undercabinet fixture switch knockouts**
- Adapts existing undercabinet task lights to sensor 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!



Control desk lights, radios and computer monitors in addition to undercabinet task lights.



Undercabinet lighting sets the mood and lights the way for an anytime snack.

Product Information

Sensor Only:
Fixture w/ sensor:
Fluorescent:
Lamp supplied with fixture

Watts	Lamp Type	Lamp Base	Ballast	Initial Lumens	Lamp Hours
2x8	T5	Min Bi-Pin, G5	NPF120V	800	7500
13	T5	Min Bi-Pin, G5	NPF120V	870	7500
8	T5	Min Bi-Pin, G5	NPF120V	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

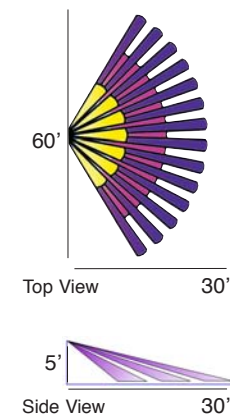
Smart Task Retrofit Kit

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



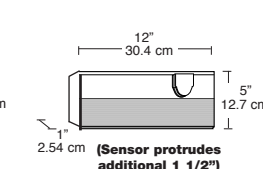
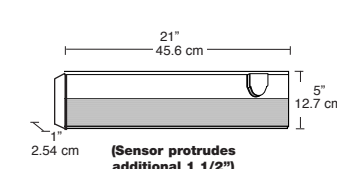
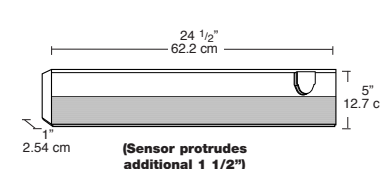
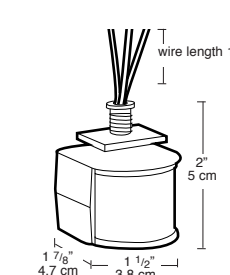
Smart Task 12" Light

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



Dimensions



R BAY

T5 & T8 LINEAR FLUORESCENT HIGH BAYS



Rigid Zstrong™ construction gives the RBAY 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)

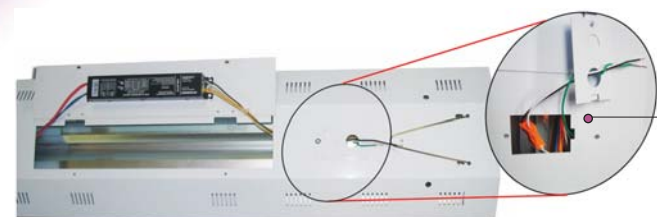
Rotary locking lamp holders for vibration security & easy relamping

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 RBAY so it arrives ready to install



RBAY fixtures are a popular lighting source in warehouses, factories and more!

Product Information	Total Watts	Input Volts	Input Amps	Ballast Factor	Input Watts	Ballast Type
Fluorescent Lamps not supplied with fixture	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.

Info Online 24/7

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

New! RBAY 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! RBAY 6

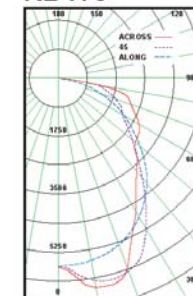
Energy saving, Indoor fixtures for use above 25'. Six lamp model accepts 4' T8 32 Watt lamps or 4' T5HO 54 Watt lamps. Six lamp models available in 4' T8 32W or 4' T5HO 54 Watt lamps. (Lamps not included).

Finish: ○ White



Photometrics

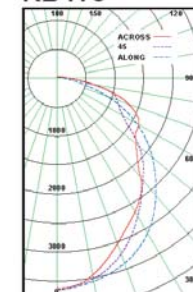
RB4T5



Zone	Lumens	% Lamp	% Luminaire
0-30	4888	27.4	29.2
0-40	7773	43.7	44.8
0-60	13067	73.4	75.3
0-90	17340	97.4	100.0
40-90	9566	53.7	55.2
60-90	4272	24.0	24.6
90-180	0	0.0	0.0
0-180	17340	97.4	100.0

Efficiency: 97.4% SMH: 1.2
Luminous Length: 48.000 INS SC (Along): 1.3
Width: 10.750 INS SC (Across): 1.2

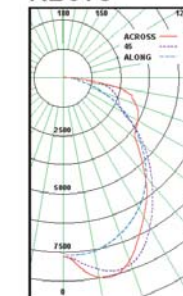
RB4T8



Zone	Lumens	% Lamp	% Luminaire
0-30	2715	23.0	27.7
0-40	4358	36.9	44.4
0-60	7465	63.2	76.0
0-90	9811	83.1	100.0
40-90	5452	46.2	55.6
60-90	2346	19.9	23.9
90-180	0	0.0	0.0
0-180	9811	83.1	100.0

Efficiency: 83.1% SMH: 1.1
Luminous Length: 48.000 INS SC (Along): 1.3
Width: 10.750 INS SC (Across): 1.1

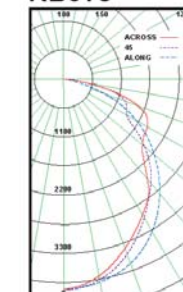
RB6T5



Zone	Lumens	% Lamp	% Luminaire
0-30	6714	25.1	27.9
0-40	10932	40.6	45.1
0-60	18230	68.3	75.9
0-90	24008	89.9	100.0
40-90	13176	49.3	54.9
60-90	5778	21.6	24.0
90-180	0	0.0	0.0
0-180	24008	89.9	100.0

Efficiency: 89.9% SMH: 1.3
Luminous Length: 48.000 INS SC (Along): 1.2
Width: 15.500 INS SC (Across): 1.3

RB6T8



Zone	Lumens	% Lamp	% Luminaire
0-30	2957	16.7	27.4
0-40	4757	26.9	44.1
0-60	8151	46.0	75.6
0-90	10784	60.9	100.0
40-90	6027	34.0	55.9
60-90	2632	14.9	24.4
90-180	0	0.0	0.0
0-180	10784	60.9	100.0

Efficiency: 60.9% SMH: 1.1
Luminous Length: 48.000 INS SC (Along): 1.3
Width: 15.500 INS SC (Across): 1.1

Catalog Numbers

4 Lamp

RB4T8 (T8 Fluorescent High Bay)

RB4T5 (T5HO Fluorescent High Bay)

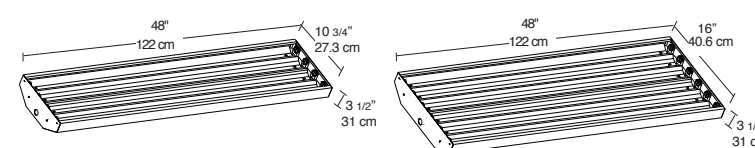
6 Lamp

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

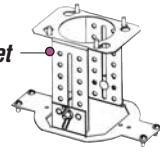
Pulse rated Mogul Base Socket for open rated lamps

7 Position adjustable bracket on High Bays

Spun semi specular anodized aluminum

Open Rated Lamp supplied

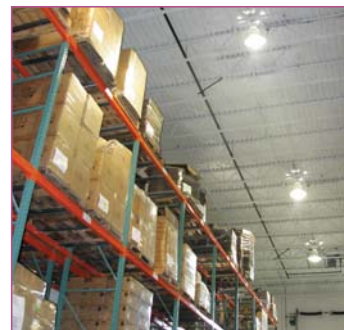
Clear acrylic Lexalite Reflexor® prismatic refractor for long term resistance to yellowing



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
Lamp supplied with fixture	400	ED37	Mogul	CWA HPF QT

Ⓜ = 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.

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 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!

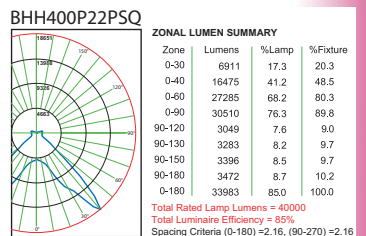
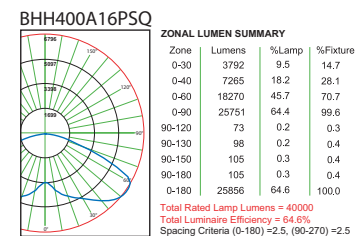
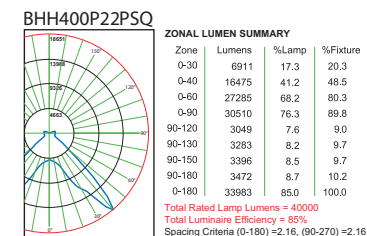
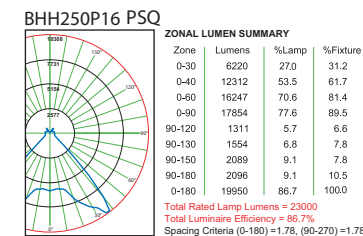
22" High Bay Aluminum

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



Additional Photometrics and lighting layouts available online at www.rabweb.com

Catalog Numbers

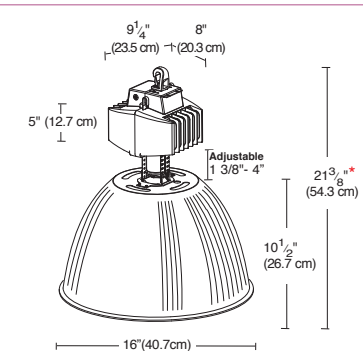
BHH250P16PSQ

BHH400P22PSQ

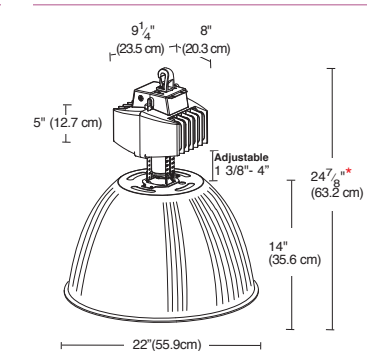
BHH250A16PSQ
BHH400A16PSQ

BHH250A22PSQ
BHH400A22PSQ

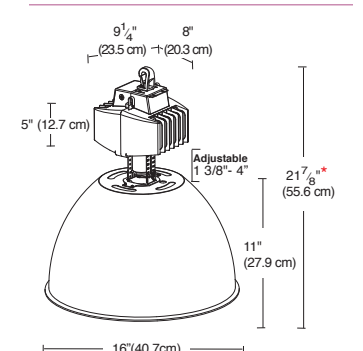
Dimensions



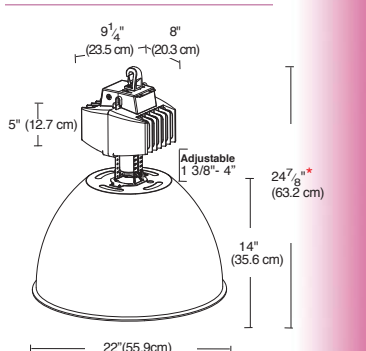
*Dimension calculated based on 1 3/8" bracket position



*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

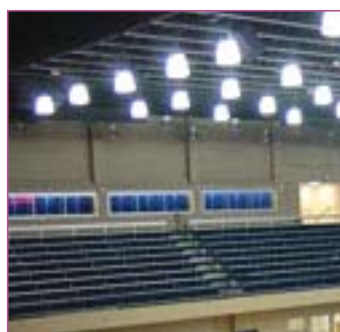
Clear acrylic Lexalite Reflexor® prismatic refractor for long term resistance to yellowing



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

	Total Watts	Lamp Type	Lamp Base	Ballast
Metal Halide	250	ED28	Mogul	CWA HPF QT
	400	ED37	Mogul	CWA HPF QT

ⓔ = Pulse Start

	Starting Amps / Operating Amps			
	120V	208V	240V	277V
250	1.4 / 2.5	.8 / 1.5	.7 / 1.3	.6 / 1.1
400	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
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 Reflexor® 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 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" 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 Reflexor® 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 Reflexor® 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!

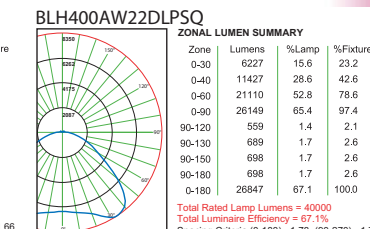
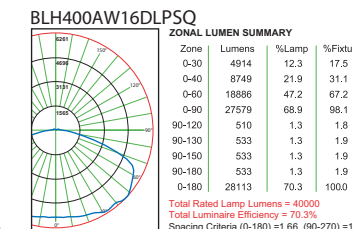
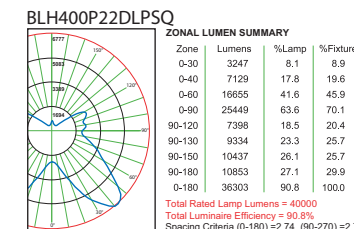
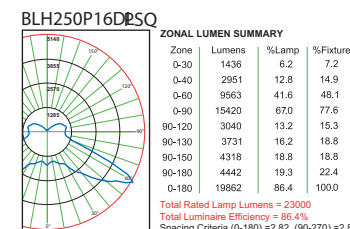
22" Low Bay Aluminum

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

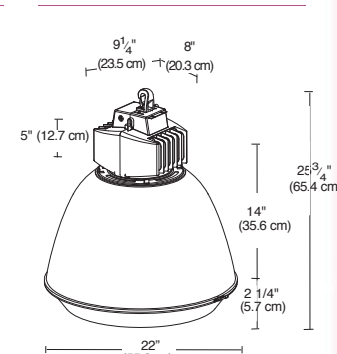
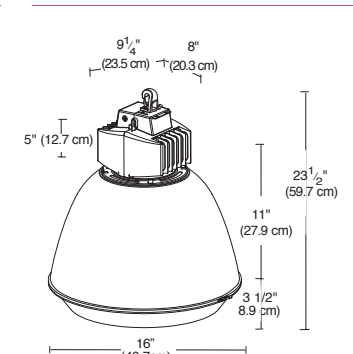
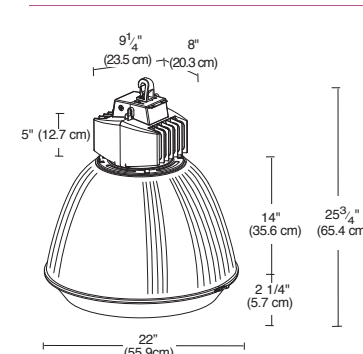
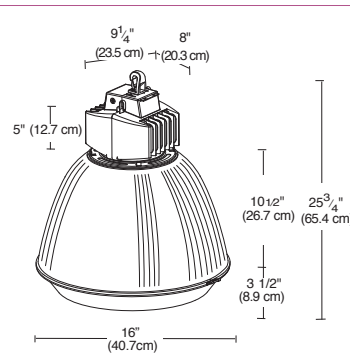
BLH250P16DLPSQ

BLH400P22DLPSQ

BLH250AW16DLPSQ
BLH400AW16DLPSQ

BLH250AW22DLPSQ
BLH400AW22DLPSQ

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 housings

Tough polycarbonate refractors



This college dorm's rear entrance stays safely lit with RAB's VAN 6 Vandalproof fixtures.

Product Information

Compact Fluorescent
Lamp supplied with fixture



Total Watts	Lamp Type	Lamp Base	Ballast	Starting Amps / Operating Amps			
				120V	208V	240V	277V
7	7w Twin	G23	NPF 120V	0.2/0.2			
9	9w Quad	G23	NPF 120V	0.2/0.3			
13	13w Quad	GX23	NPF 120V	0.3/0.4			
14	2-7w Twin	G23	NPF 120V	0.4/0.4			
26	2-13w Twin	GX23	NPF120V	0.6/0.8			
26	26w Triple	GX24q-3	Electronic QT	0.26	0.21	0.13	0.11
32	32w Triple	GX24q-3	Electronic QT	0.31	0.25	0.26	0.13
42	42w Triple	GX24q-4	Electronic QT	0.4	0.25	0.2	0.17
52	2-26w	GX24q-4	Electronic QT	0.52	0.42	0.26	0.22

Self Ballasted Fluorescent
Lamp supplied with fixture



13	Spiral	Med					
23	Spiral	Med					

High Pressure Sodium
Lamp supplied with fixture

35	ED17	Med	R-NPF 120V				
50	ED17	Med	R-NPF 120V				

Incandescent
Lamp not supplied

75	A-19						
150	2-75w A-19						

Factory Installed Options
Add suffix to catalog number

Mounting Back Box (Field installable)
Mini Motion Sensor (for CFL 120v 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

Reflector:
Injection molded polycarbonate, designed for maximum structural strength.

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).

Reflectors / Backplate:
Heavy gauge cold rolled steel with high reflectance baked white enamel.

Factory Installed Accessories
Mini Motion Sensor:
Add suffix "MS" for VAN 6
Fluorescent 120v only. 180° detection.
For sensor details, see page 104.

Fluorescent Ballast Starting Temperatures:
Electronic QT: 0°F / -18°C
NPF 120V: 32°F / 0°C

Lamp ANSI	Input Watts	Initial Lumens	Lamp Hours
	10	400	10,000
	11	525	10,000
	18	860	10,000
	20	800	10,000
	36	1,650	10,000
	29	1,800	12,000
	36	2,400	12,000
	42	3,200	12,000
	58	3,600	12,000
		870	10,000
		1,550	10,000
S76	2,250	24,000	
S68	4,000	24,000	
		1,210	750
		2,420	750

Info Online 24/7

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

CFL & VAN1 Incandescent

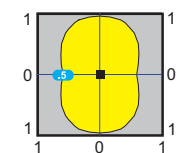
Compact ceiling mount fixture:
7, 9, 13 or 14 watt fluorescent,
75 watt max. incandescent. Reflector
is die-formed heavy gauge steel in
white finish with clear vandalproof
polycarbonate refractor. CFL lamp
supplied. Incandescent lamp not
supplied.

Finish: ● Bronze
○ White



Photometrics

75w Incandescent @ 8' Mounting Height



Multiples of Mounting Ht. - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier Incan	Multiplier CFL
6	1.8	7	-	.3
8	1.0	9	-	.4
10	.6	13	-	.7
		14	-	.7
		75	1.0	-

Catalog Numbers

Bronze	White
	VAN1F7
	VAN1F9
	VAN1F13
	VAN1F14
	VAN1FS13
	VAN11
VAN1BBA	VAN1BBW

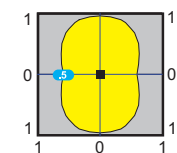
CFL & VAN2 Incandescent

Medium size ceiling mount fixture:
26 and 32 watt compact fluorescent
or 75 max. watt incandescent.
Reflector is die-formed heavy
gauge steel in white finish with
clear vandalproof polycarbonate
refractor. CFL lamp supplied.
Incandescent lamp not supplied.

Finish: ● Bronze
○ White*



75w Incandescent @ 8' Mounting Height



Multiples of Mounting Ht. - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier Incan	Multiplier CFL
6	1.8	9	-	.4
8	1.0	26	-	1.5
10	.6	32	-	2.0
		75	1.0	-
		150	2.0	-

Bronze	White
	VAN2F9
	VAN2F26QT
	VAN2F32QT
	VAN2FS23
	VAN2I
VAN2BBA	

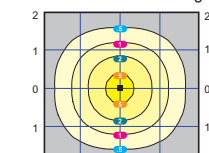
CFL & VAN4 Incandescent

Large size ceiling mount fixture:
26-52 watt compact fluorescent or
150 watt (2x75w) incandescent.
Reflector is die formed heavy
gauge steel in white finish with
clear vandalproof polycarbonate
refractor. CFL lamp supplied.
Incandescent lamp not
supplied.

Finish: ● Bronze
○ White*



150w HPS @ 8' Mounting Height



Multiples of Mounting Ht. - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier Incan	Multiplier CFL
6	1.8	13	-	.4
8	1.0	2x13	-	.7
10	.6	26	-	.7
12	.4	32	-	1.0
15	.3	42	-	1.3
		52	-	1.5
		150	1.0	-

Bronze	White
	VAN4F26QT
	VAN4F32QT
	VAN4F42QT
	VAN4F52QT
	VAN4I
VAN4BBA	

CFL & VAN6 HPS

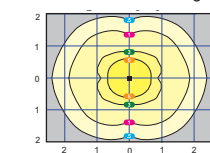
Versatile wall and ceiling fixture
in 13 and 26 watt fluorescent or
35 and 50 HPS. Housing is die
cast aluminum bronze finish with
clear vandalproof polycarbonate
refractor. Photocell & sensor
(CFL only) models available.
Lamp supplied.

Finish: ● Bronze
○ White



Smart VAN6
with Mini Sensor
Add suffix /MS
120v only

50w HPS @ 8' Mounting Height

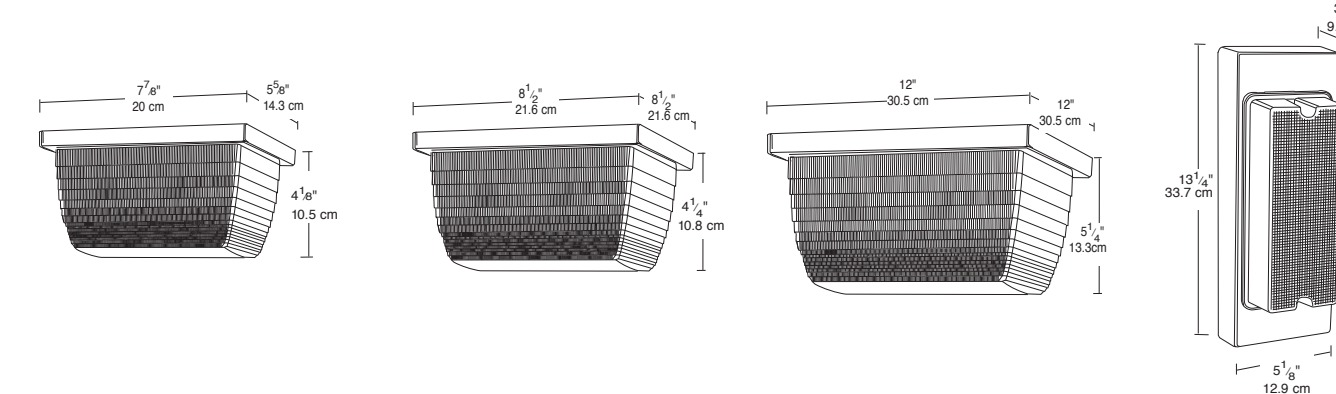


Multiples of Mounting Ht. - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier HPS	Multiplier CFL
6	1.8	13	-	.2
8	1.0	26	-	.4
10	.6	35	.6	-
12	.4	50	1.0	-
16	.3			

Bronze	White
VAN6F13	VAN6F13W
VAN6F26	VAN6F26W
VAN6S35	VAN6S35W
VAN6S50	VAN6S50W
	MS for Mini Motion Sensor (CFL 120v only)

Dimensions



VANDALPROOF

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



VAN5 GLARE STOPPER



Fully adjustable from total to zero light cutoff.

Product Information

Compact Fluorescent
Lamp supplied with fixture

High Pressure Sodium
Lamp supplied with fixture

Metal Halide
Lamp supplied with fixture
For UV coated lamp, consult factory

Factory Installed Options
Add suffix to catalog number



Total Watts	Lamp Type	Lamp Base	Ballast	Starting Amps / Operating Amps				Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours
				120V	208V	240V	277V				
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	0.13	0.13	36		2,400	12,000
42	42w Triple	GX24q-4	Electronic QT	0.4	0.25	0.2	0.17	46		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
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	0.5 / 0.6	0.4 / 0.5	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 / 0.9	0.8 / 0.8	0.7 / 0.7	188	S55	16,000	24,000
50	ED17	Med	HX-HPF 120V	0.8 / 0.6				69	M110	3,400	10,000
70	ED17	Med	HX-HPF QT	0.7 / 0.8	0.4 / 0.5	0.4 / 0.4	0.3 / 0.4	90	M98	5,600	15,000
100	ED17	Med	HX-HPF QT	1.0 / 1.2	0.6 / 0.7	0.5 / 0.6	0.4 / 0.5	129	M90	9,000	15,000
125	ED17	Med	CWA QT	0.9 / 1.3	0.5 / 0.8	0.5 / 0.7	0.4 / 0.6	150	M150	12,000	11,250
150	ED17	Med	CWA QT	1.4 / 1.7	1.0 / 1.0	0.7 / 0.8	0.6 / 0.7	190	M102	14,000	11,250
150	ED17	Med	CWA-HPF QT	1.3 / 1.8	0.8 / 1.0	0.7 / 0.9	0.6 / 0.8	185	M107	12,500	10,000

Photocell - specify voltage
Mini Motion Sensor (for CFL 120v only)
Quartz Restrike
Emergency Battery Backup 120V:
(single lamp 42w max) 277V:
VAN5 CFL only

New!



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 Van5 (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 & VAN5 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:
VAN3 & VAN5 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 VAN5 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 VAN5 CFL only.

Patents:
The design of the VAN5 is protected by U.S. Patent D547484, Canadian Patent D115523, China Patent ZL200630133218.0 and Taiwan Patent D121295.

Photometrics

See pages 170-177 for Photometrics

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

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



SmartVAN3 with Mini Sensor
Add suffix /MS
CFL 120 volt 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. Available with Emergency Battery Backup option with 42 watt CFL. Lamps supplied.

Finish: ● Bronze
○ White



SmartVAN5 with Mini Sensor
Add suffix /MS
CFL 120 volt only

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



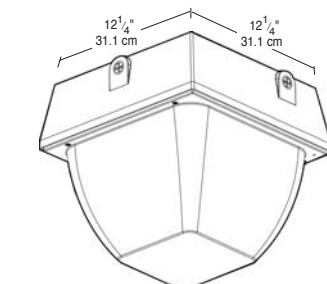
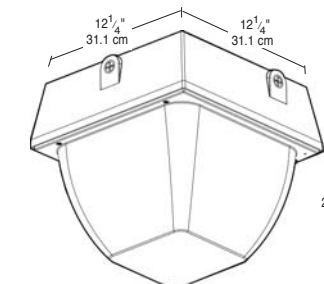
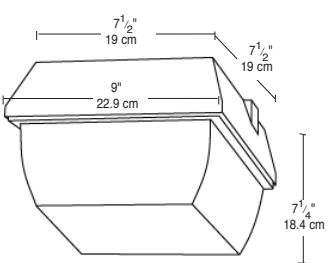
SmartVAN5 with Mini Sensor
Add suffix /MS
CFL 120 volt only



Catalog Numbers

Bronze	White	Bronze	White	Bronze	White
VAN3F26QT	VAN3F26QTW				
VAN3F32QT	VAN3F32QTW				
VAN3F42QT	VAN3F42QTW				
				VAN5F64QT	VAN5F64QTW
				VAN5F84QT	VAN5F84QTW
				VAN5F96QT	VAN5F96QTW
VAN3S35	VAN3S35W				
VAN3S50	VAN3S50W				
VAN3S70	VAN3S70W				
		VAN5S100	VAN5S100W		
		VAN5SH100QT	VAN5SH100QTW		
		VAN5S150	VAN5S150W		
		VAN5SH150QT	VAN5SH150QTW		
VAN3HH50	VAN3HH50W				
VAN3HH70QT	VAN3HH70QTW				
		VAN5HH100QT	VAN5HH100QTW		
		VAN5HH125PSQ	VAN5HH125PSQW		
		VAN5HH150PSQ	VAN5HH150PSQW		
		VAN5HH150QT	VAN5HH150QTW		
		/PC for Button Photocell /PCS for Swivel		/PC for Button Photocell /PCS for Swivel	
		/MS for Mini Motion Sensor (CFL 120v only)		/MS for Mini Motion Sensor (CFL 120v only)	
		/QR for Quartz Restrike (HPS & MH only)		/QR for Quartz Restrike (HPS & MH only)	
				/E1	
				/E2	

Dimensions



VANDALPROOF LIGHTS

GARAGE LIGHTER™

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				Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours
					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	29		1,800	12,000
	52	2-26w Triple	GX24q-3	Electronic QT	0.6	0.4	0.2	0.2	58		3,600	12,000
	64	2-32w Triple	GX24q-3	Electronic QT	0.6	0.5	0.4	0.3	46		4,800	12,000
High Pressure Sodium Lamp supplied with fixture	35	ED17	Med	R-NPF 120V	1.4	1.8			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
	100	ED17	Med	R-NPF 120V	3.0	2.5			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	.9 / .9	0.8 / 0.8	188	S55	16,000	24,000
Metal Halide Lamp supplied with fixture PS* = Pulse Start	50	ED17	Med	HX-HPF QT	0.6	0.6	0.4 / 0.4	0.3 / 0.3	68	M110	3,400	10,000
	70	ED17	Med	HX-HPF QT	0.7	0.8	0.4 / 0.5	0.4 / 0.5	90	M98	5,600	15,000
	100	ED17	Med	HX-HPF QT	1.0	1.2	0.6 / 0.7	0.5 / 0.6	129	M90	9,000	15,000
	150	ED17	Med	CWA-HPF QT	1.3	1.8	0.8 / 1.0	0.7 / 0.9	185	M107	12,500	10,000
Incandescent Lamp not supplied	60	A19	Med								890	750
	75	A19	Med								1,210	750
	120	2-60W A-19	Med								1,780	750
	150	2-75W A-19	Med								2,420	750
Induction Lamp supplied with fixture	55		Twist	Elec HPF 120v					55		3,500	100,000
	85		Twist	Elec HPF 120v					85		6,000	100,000

Factory Installed Options	Mounting Back Box	Button Photocell /PC	Swivel Photocell /PCS	Mini Motion Sensor	Emergency Battery Backup-42w CFL
Add suffix to catalog number					

Specify photocell voltage
Specify photocell voltage
/MS (For Compact Fluorescent 120v 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

Reflector:
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 Back Up:
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

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. Lamps supplied.

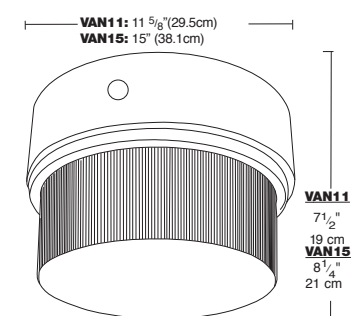
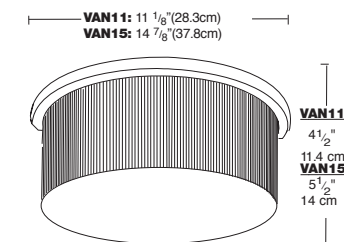
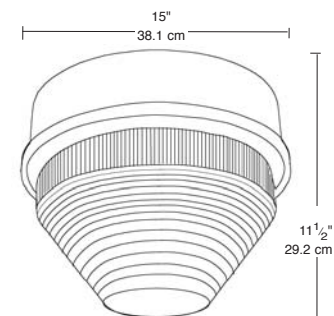
Finish: ● Bronze



Catalog Numbers

Bronze	White	11" Round	15" Round	11" Round	15" Round
		VAN11F26			
		VAN11F52QT	VAN15F52QT		
			VAN15F64QT		
				VAN11S35	VAN15S35
				VAN11S50	VAN15S50
				VAN11S70	VAN15S70
					VAN15S100
					VAN15S150
				VAN11HH50	
				VAN11HH70QT	
					VAN15HH100QT
				VAN11I	
				VAN11I120	VAN15I
					VAN15I150
				VAN11BB	VAN15BB
				/PC	/PC
				/PCS	/PCS
				VANGF42QT/E1	
				VANGF42QT/E2	

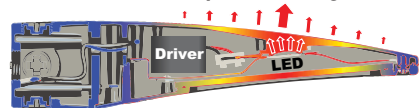
Dimensions





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



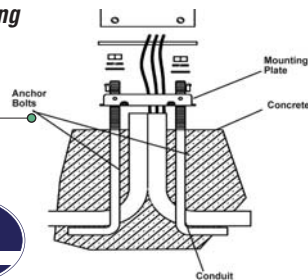
Auto voltage sensing drivers.
10 watt up to 240 volts. 13 & 20 watt up to 277 volts



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

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

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-.15 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

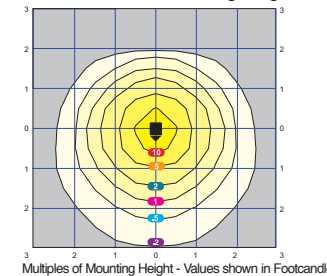
42" high rectangular Bollard with (1) 20 Watt LED fixture for low level lighting applications. Equivalent to 2 150 watt MH. Great for pathway lighting! IESNA Full Cutoff, Fully Shielded optics. 5 year warranty.

Finish: ● Bronze
○ White



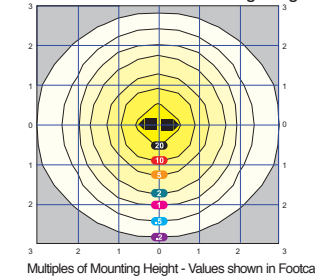
Photometrics (See Pg. 174 for 13w Photometrics)

10w LED @ 3.5' Mounting Height



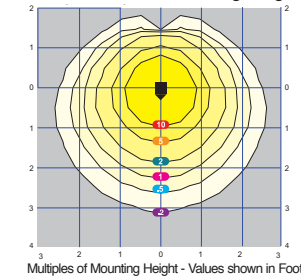
Multiples of Mounting Height - Values shown in Footcandles

2x10w LED @ 3.5' Mounting Height



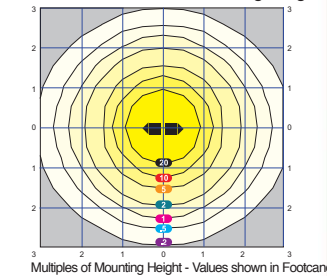
Multiples of Mounting Height - Values shown in Footcandles

20w LED @ 3.5' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

2x20w LED @ 3.5' Mounting Height



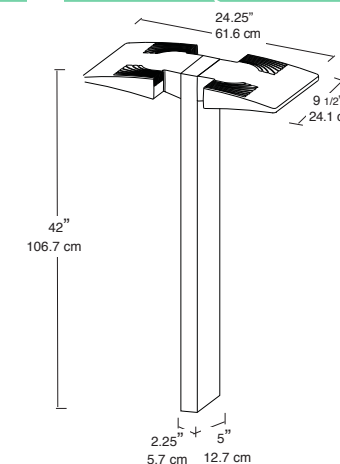
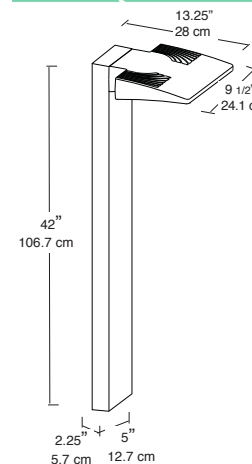
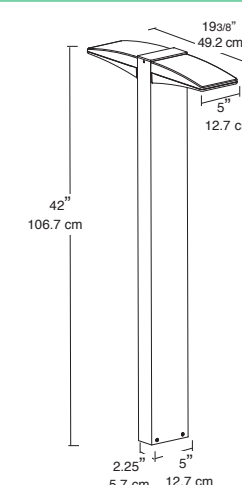
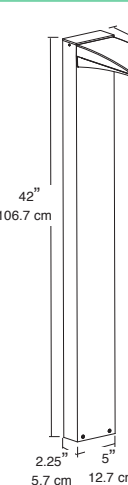
Multiples of Mounting Height - Values shown in Footcandles

Catalog Numbers

10W BOLLARD	13W BOLLARD
BLED10	
BLED10Y	
	BLED13
	BLED13Y

GDWPLP
NOTE: Add suffix W for white
Example: BLED10W

Dimensions



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

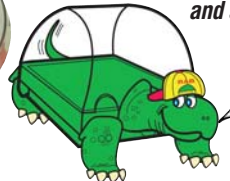
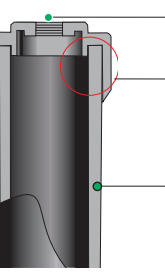
1/2" threaded hole fits standard floodlights & lawn lights

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!

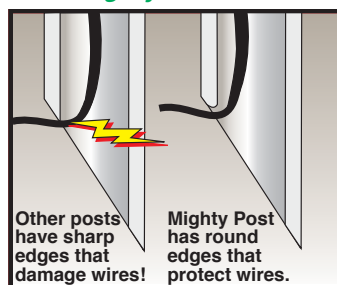


New In-Use Covers are Turtle Tough!

MIGHTY POST SELECTOR CHART

Fixture Series	Fixture Weight (lbs)	MP17	MP19	MPM19	MP25
Quartz Flood					
QF150	1	✓	✓		
QB1	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 toast with Mighty Post!



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, D580870 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

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.

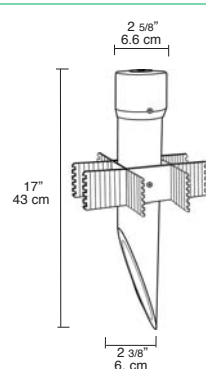
Finish: ● Black
○ White
● Verde Green



Catalog Numbers

Cap	Black	White	Verde Green
PVC	MP17B	MP17W	MP17VG
Metal			

Dimensions



Mighty Post

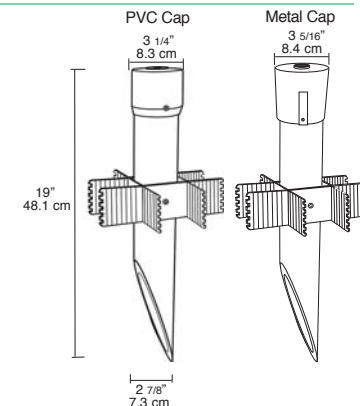
Sturdy 19" PVC mounting post for ground mounted landscape lighting. Perfect for Lawn Lights, PAR-38 and Quartz Floods. Post is 2 1/2" pipe (2 7/8" O.D.) In-ground stabilizing grid included. Available with PVC Cap or metal cap for heavier fixtures.

Finish: ● Black
○ White
● Verde Green



PVC post w/ metal cap
CAT# MPM19B

Black	White	Verde Green
MP19B	MP19W	MP19VG
MPM19B	MPM19W	MPM19VG



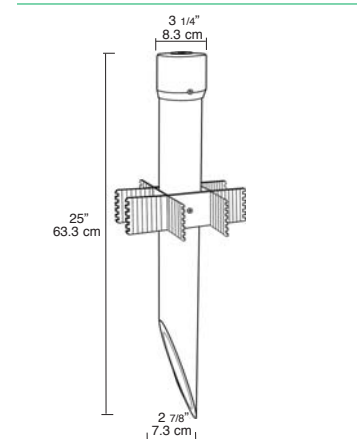
Maxi-Mighty Post

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



Black	White	Verde Green
MP25B	MP25W	MP25VG



PVC Mighty Caps

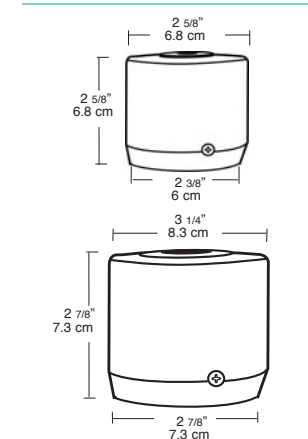
PVC caps for replacement or making Do-It-Yourself Mighty Posts. Fits standard 2" (2 3/8" O.D.) or 2 1/2" pipe (2 7/8" O.D.) Fixtures with ground wire must be used. Cut the pipe yourself and save!

Finish: ● Black
○ White
● Verde Green



Mighty Post provides solid mounting for landscape lighting sensors & floodlights.

Black	White	Verde Green
2" MCAP2B	MCAP2W	MCAP2VG
2 1/2" MCAP3B	MCAP3W	MCAP3VG



Metal Mighty Caps

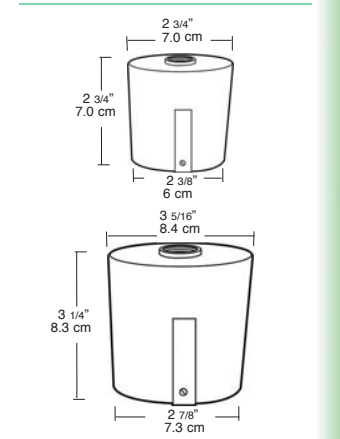
Die cast aluminum caps for replacement or making Do-It-Yourself Mighty Posts. Fits standard 2" (2 3/8" O.D.) or 2 1/2" pipe (2 7/8" O.D.) PVC pipe. Has a bare copper ground wire. Cut the pipe yourself and save!

Finish: ● Black
○ White
● Verde Green



A convenient mounting for landscape lighting sensors. See page 104.

Black	White	Verde Green
MMCAP2B	MMCAP2W	MMCAP2VG
MMCAP3B	MMCAP3W	MMCAP3VG

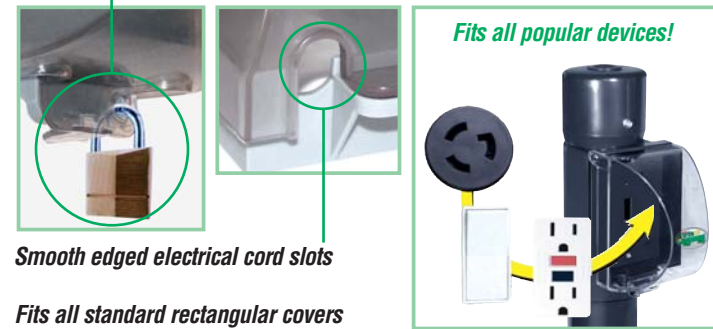


LANDSCAPE MIGHTY POST ADAPTER In-Use Cover



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

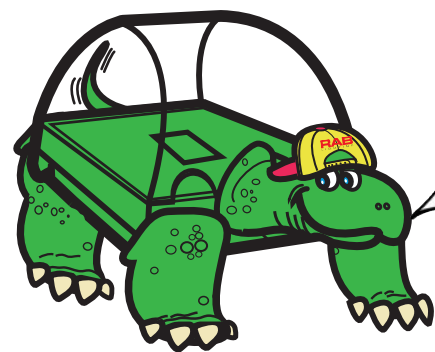
Mighty Post Adapter extends post height to keep outlets above plants and snow

Durable molded ABS Post Adapter

Close up plug included



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

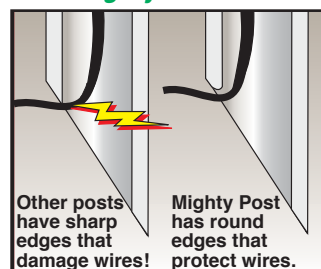
Materials:
Post: PVC
Cap: ABS
In-Use Cover: Clear PVC
Back plate: PVC
MP Adapter: ABS

Set Screw:
Locks cap to post and prevents rotation

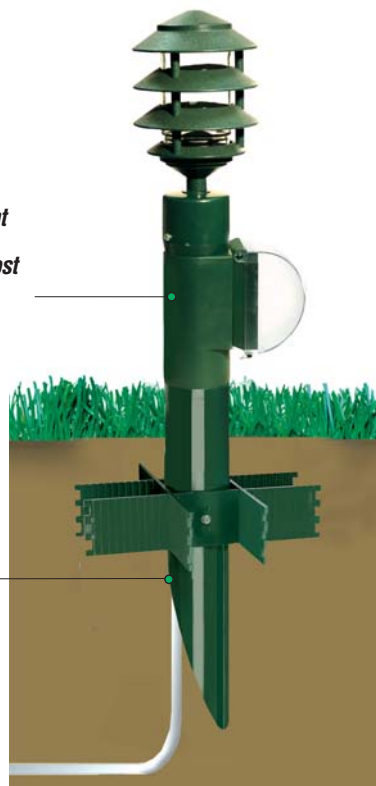
Patents:
The designs of the Mighty Post, Mighty Post Adapter, Turtle Cover and Turtle Power Post are protected by U.S. Patents D424524, D573096, D580870 and D533510, Canadian Patents 114443, 114502 and 114465, China Patents ZL200530121694.6, ZL200530121693.1 and ZL200530143366.6, Taiwan patents D116785, D116786 and D114569.

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

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



Catalog Numbers

Gray	Black	White	Verde Green
TCS	TCB	TCW	TCVG

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



Black	White	Verde Green
MPAB	MPAW	MPAVG

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



Black	White	Verde Green
TACB	TACW	TACVG

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



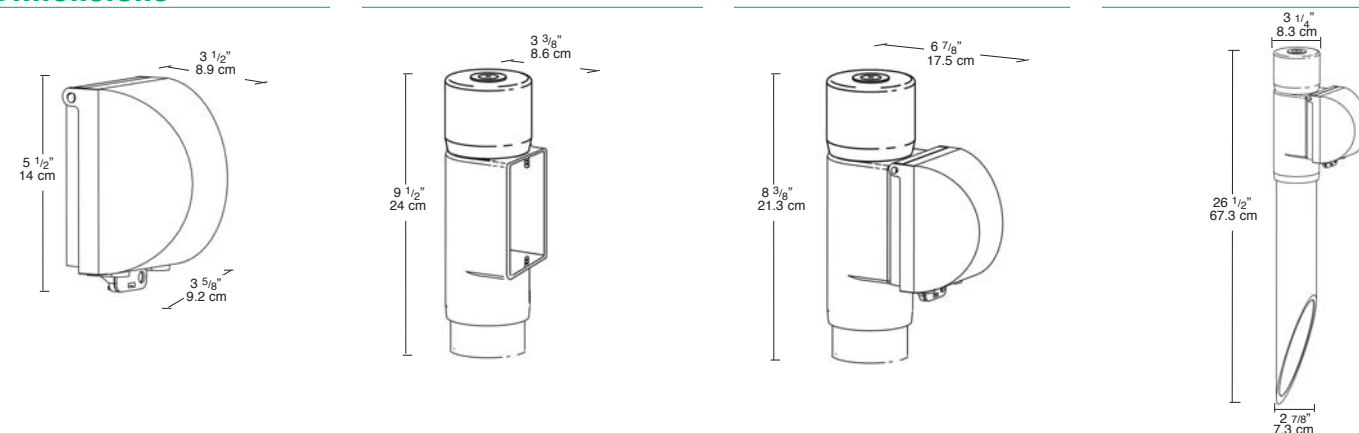
Turtle Power Post

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

Incandescent (120 volt)
Lamp not supplied

Compact Fluorescent (120 volt)
Lamp supplied with fixture.
Minimum operating temperature 32°F
NPF 120 volt ballast

Self Ballasted Compact Fluorescent Lamps
Lamp supplied with fixtures
Minimum operating temperature -20°F

Lamp Watts	Lamp Type	Lamp Base	Initial Lumens	Lamp Hours
75	A-19	Med	1220	750
100	A-19	Med	1650	750

Lamp Watts	Lamp Type	Lamp Base	Initial Lumens	Lamp Hours
13	Quad	GX23-2	860	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*	Black*
LL23VG	LLD4VG		
LL23VG/F13	LLD4VG/F13		
LL23VG/FS23	LLD4VG/FS23		

*For Black finish replace suffix VG with B (LL23VG becomes LL23B)

Verde Green	Black
LL322VG	LL322B
LL322VG/F13	LL322B/F13
LL322VG/FS13	LL322B/FS13

Lawn Light Verde Green	DomeTop Verde Green	Black*	Black*
LL323VG	LLD3VG		
LL323VG/F13	LLD3VG/F13		
LL323VG/FS13	LLD3VG/FS13		

*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

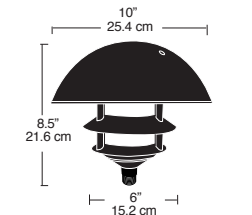
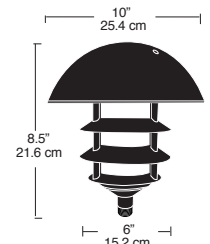
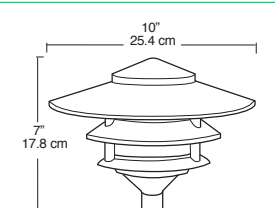
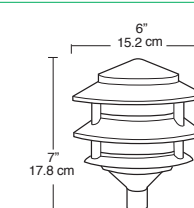
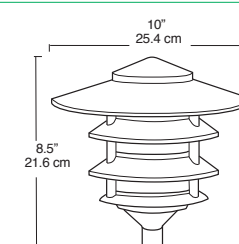
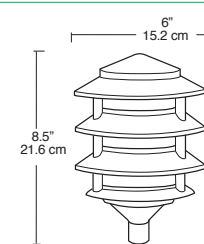
Part	Catalog #
12" Stem Verde Green	ST12VG
12" Stem Black	ST12B

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

Housings and Lens:
Corrosionproof and vandal resistant polycarbonate

Lens Gasket:
High temperature tubular silicone

Finish:
Bronze

Reflector:
Anodized aluminum

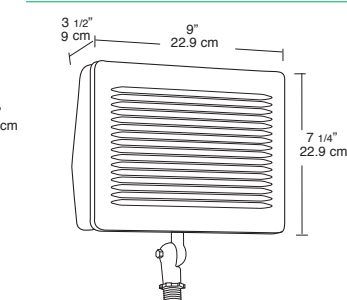
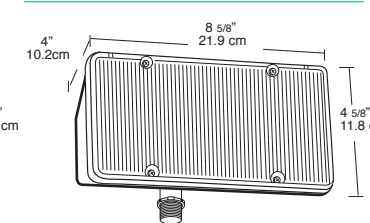
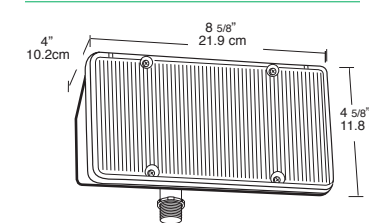
Sockets:
GX23 base

Replacement Parts:
Lamp
Cat #
LCFL13T

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.

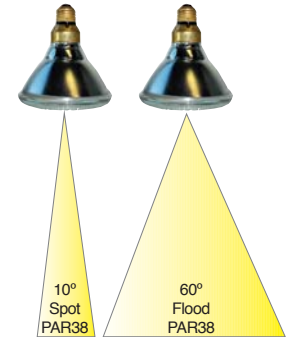


HID H System floods with hoods or visors can be wall mounted, ceiling mounted, or ground mounted.

PULSE★START
High Efficiency Metal Halide

Product Information

	Watts	Lamp Type	Lamp Base	Ballast
Metal Halide				
Lamp not supplied with fixture	70	PAR38	Med	HX-NPF 120V
PS★ = Pulse Start	70	PAR38	Med	HX-HPF QT
	100	PAR38	Med	HX-HPF QT



Lamps offer a variety of beam spread choices.

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:
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.

Starting Amps / Operating Amps				
	120V	208V	240V	277V
	2.8 / 2.2			
	.7 / .8	.4 / .5	.4 / .4	.3 / .4
	1.0 / 1.2	.6 / .7	.5 / .6	.4 / .5

Input Watts	Lamp ANSI
94	M98
94	M98
129	M90

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
HBHH70HQTA	B	W	VG
HBHH100HQTA	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
HBHH70VQTA	B	W	VG
HBHH100VQTA	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
H1HH70HQTA	B	W	VG
H1HH100HQTA	B	W	VG

For Black, White or Verde Green finish replace suffix A with B, W, or VG

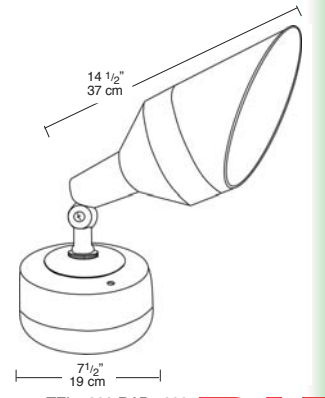
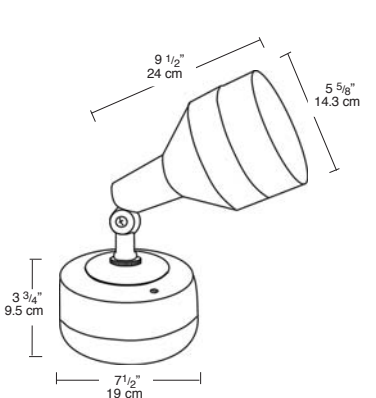
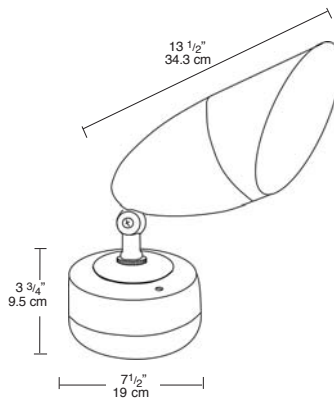
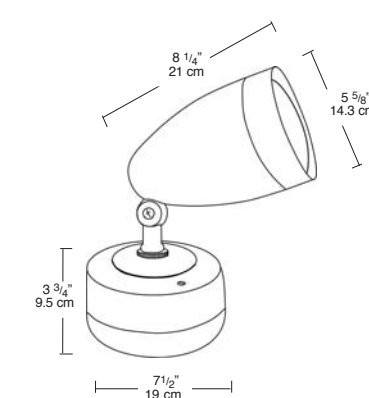
Bronze	Black	White	Verde Green
H1HN70VA	B	W	VG
H1HH70VQTA	B	W	VG
H1HH100VQTA	B	W	VG

For Black, White or Verde Green finish replace suffix A with B, W, or VG



MH Watts	Replacement Ballast Cat #
70	BMHN70
70	BMHH70QT
100	BMHH100QT

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.

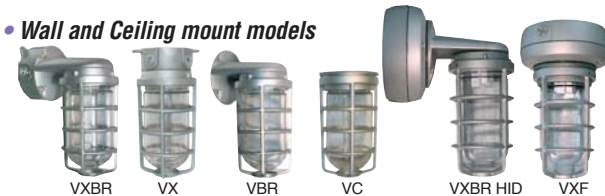
- UL Listed for use with 90° supply wiring



- 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

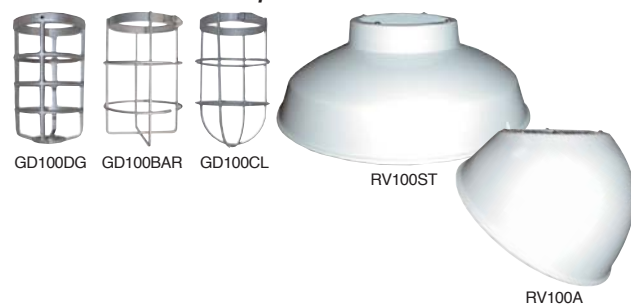
- Die Cast aluminum construction



- 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!



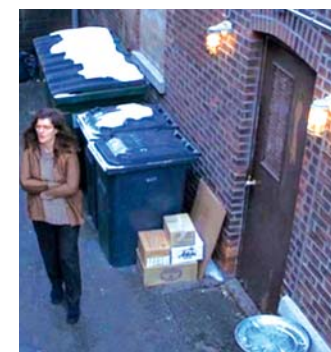
"Mystic Pizza" with Julia Roberts



"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 3/4" tapped hubs	LSF23-35	
	add /-3/4	add /-3/4

Finish- Add suffix:
 ● Silver Gray
 ○ White
 ● Black

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.

Finish:
 ○ Natural
 ● Silver Gray
 ○ White
 ● Black



VX100DG shown in natural, silver gray, white and black

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.

Finish:
 ○ Natural
 ● Silver Gray
 ○ White
 ● Black



VP100DG shown in natural

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.

Finish:
 ○ Natural
 ● Silver Gray
 ○ White
 ● Black



VC100DG shown in natural

VXL 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.

Finish:
 ○ Natural
 ● Silver Gray
 ○ White
 ● Black



VXL100DG shown in natural

Catalog Numbers

100 Series Max Watts	200 Series Max Watts	100 Series Max Watts	200 Series Max Watts	100 Series Max Watts	200 Series Max Watts	100 Series Max Watts	200 Series Max Watts
150w Clear Glass	300w Clear Glass	150w Clear Glass	200w Clear Glass	100w Clear Glass	150w Clear Glass	150w Clear Glass	200w Clear Glass
100w Colored Glass	200w Colored Glass	100w Colored Glass	150w Colored Glass	100w Colored Glass	100w Colored Glass	100w Colored Glass	150w Colored Glass
75w Permaglobe	100w Permaglobe	75w Permaglobe	100w Permaglobe	75w Permaglobe	100w Permaglobe	75w Permaglobe	100w Permaglobe
VP100DG	VP200DG	VC100DG	VC200DG	VXL100DG	VXL200DG	VP100DG	VP200DG
VP100G	VP200G	VC100G	VC200G	VXL100G	VXL200G	VP100G	VP200G
VP100	VP200	VC100	VC200	VXL100	VXL200	VP100	VP200
VP100P	VP200P	VC100P	VC200P	VXL100P	VXL200P	VP100P	VP200P
VP100PW	VP200PW	VC100PW	VC200PW	VXL100PW	VXL200PW	VP100PW	VP200PW
VP1	VP2	VC1	VC2	VXL1	VXL2	VP1	VP2
add /F13		add /F13		add /F13		add /F13	
	add /F22		add /F22		add /F22		add /F22
LSF23-35		LSF23-35		LSF23-35		LSF23-35	
	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 S	add S
add W	add W	add W	add W	add W	add W	add W	add W
add B	add B	add B	add B	add B	add B	add B	add B
For Natural & 1/2" taps, no suffix needed.		For Natural & 1/2" taps, no suffix needed.		For Natural, no suffix needed.		For Natural, no suffix needed.	

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. 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

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

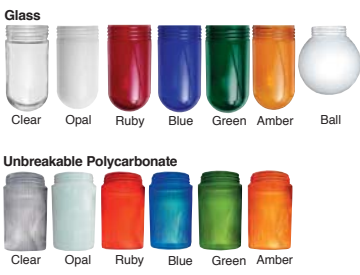
CFL Ballast: NPF 120V

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.

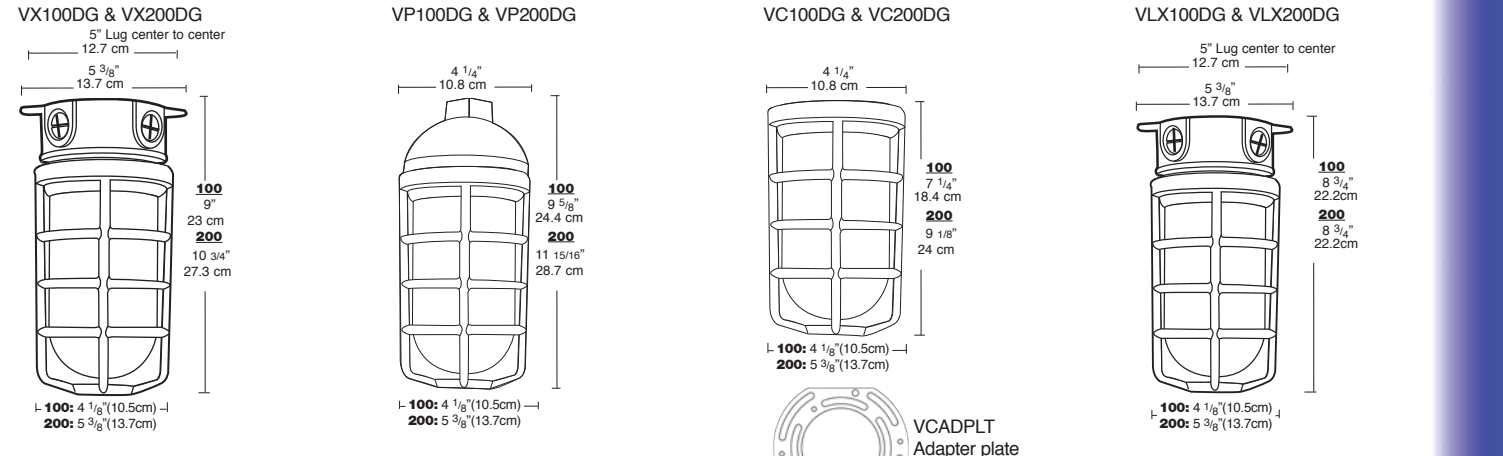
Special Globes

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.



Unbreakable Polycarbonate
 Clear Opal Ruby Blue Green Amber

Dimensions



VCADPLT Adapter plate (VC fixtures only)

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. 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.

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: GX32d-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 Permaglobe (no guard)

White Permaglobe (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



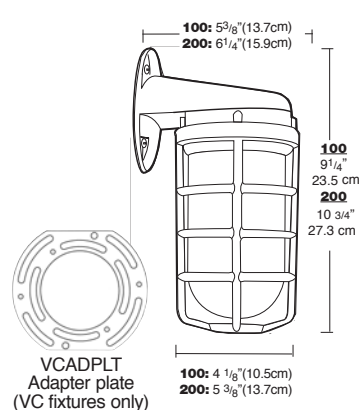
VA100DG shown in Natural

Catalog Numbers

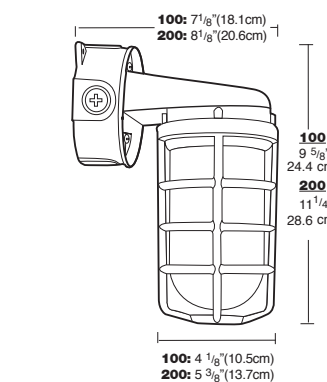
100 Series Max Watts	200 Series Max Watts	100 Series Max Watts	200 Series Max Watts	100 Series Max Watts	200 Series Max Watts
150w Clear Glass	200w Clear Glass	150w Clear Glass	300w Clear Glass	150w Clear Glass	300w Clear Glass
100w Colored Glass	150w Colored Glass	100w Colored Glass	200w Colored Glass	100w Colored Glass	200w Colored Glass
75w Permaglobe	100w Permaglobe	75w Permaglobe	100w Permaglobe	75w Permaglobe	100w Permaglobe
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	
	add /F22		add /F22		add /F22
LFS23-35		LFS23-35		LFS23-35	
		add -3/4	add -3/4	add -3/4	add -3/4
add S	add S	add S	add S		
add W	add W	add W	add W		
add B	add B	add B	add B		
Natural, no suffix		Natural, no suffix			

Dimensions

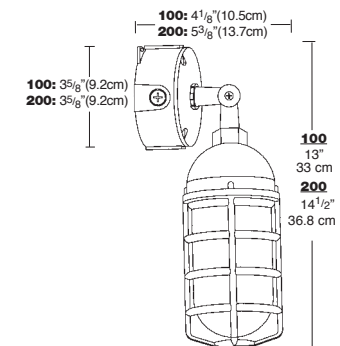
VBR100DG & VBR200DG



VXBR100DG & VXBR200DG



VA100DG & VA200DG



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

Compact Fluorescent CFL
 Lamp supplied with fixture
 Starting temperature 0°F

High Pressure Sodium
 Lamp supplied with fixture

Metal Halide
 Lamp supplied with fixture
 PS* = Pulse Start

Total Watts	Lamp Type	Lamp Base	Ballast	Starting Amps 120V	Operating Amps 208V	Operating Amps 240V	Operating Amps 277V
13	Quad	GX24q-1	Elec HPF QT	0.1	0.1	0.1	.06
26	Triple	GX24q-3	Elec HPF QT	0.2	0.2	0.1	0.1
32	Triple	GX24q-3	Elec HPF QT	0.3	0.2	0.2	0.1
42	Triple	GX24q-4	Elec HPF QT	0.4	0.3	0.2	0.2
35	ED17	Med	R-NPF 120V	1.4 / .8			
50	ED17	Med	R-NPF 120V	1.8 / 1.2			
50	ED17	Med	HX-HPF DT	.5 / .6			.2 / .3
70	ED17	Med	R-NPF 120V	2.3 / 1.7			
70	ED17	Med	HX-HPF QT	.6 / .8	.4 / .5	.4 / .3	.3 / .4
100	ED17	Med	HX-HPF QT	.9 / 1.1	.6 / .6	.5 / .6	.4 / .5
PS* 50	ED17	Med	HX-NPF 120V	2.0 / 1.6			
PS* 50	ED17	Med	HX-HPF QT	.6 / .6	.4 / .4	.3 / .3	.3 / .3
PS* 70	ED17	Med	R-NPF 120V	2.8 / 2.2			
PS* 70	ED17	Med	HX-HPF QT	.7 / .8	.4 / .5	.4 / .4	.3 / .4
PS* 100	ED17	Med	HX-HPF QT	1.0 / 1.2	.6 / .7	.5 / .6	.4 / .5

Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours
16		900	10,000
29		1,800	12,000
36		2,400	12,000
46		3,200	12,000
46	S76	2,300	24,000
62	S68	4,000	24,000
66	S68	4,000	24,000
86	S62	6,300	24,000
91	S62	6,300	24,000
130	S84	9,500	24,000
68	M110	3,400	10,000
68	M110	3,750	10,000
94	M98	5,000	15,000
90	M98	5,000	15,000
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

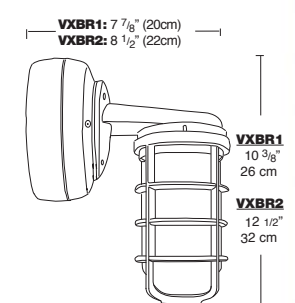
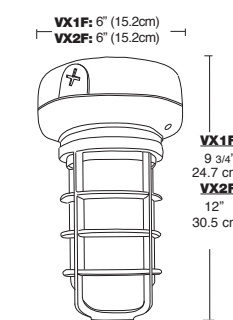
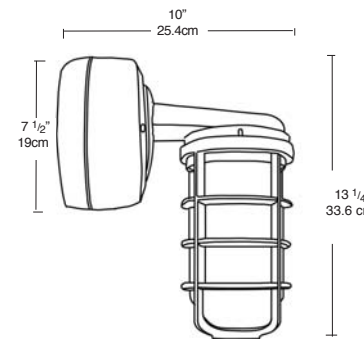
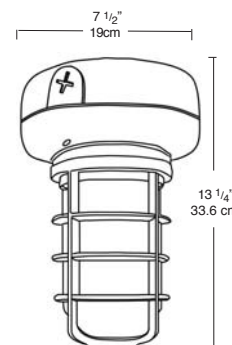
For 3/4" tapped hubs, add suffix "3/4"

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

High Pressure Sodium
Lamp supplied with fixture

Incandescent
Lamp not supplied

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

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	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

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

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.

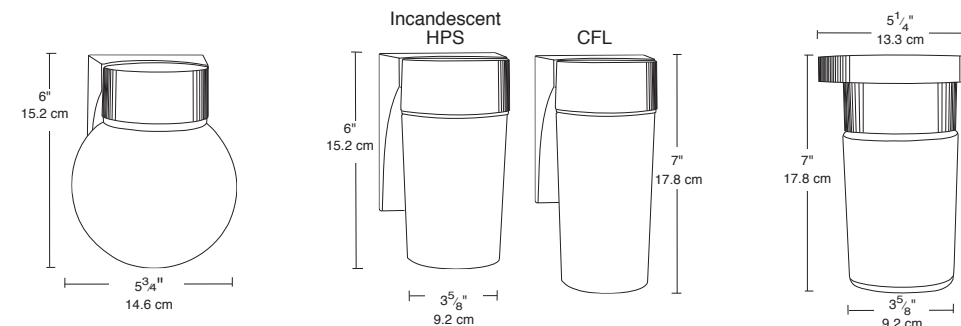
Finish: ● Satin Aluminum



Catalog Numbers

Bronze	White	Bronze	White	Satin Aluminum
				VCF13CSA
				VCF13CPSA
VBF13CPA	VBF13CPW			
VBF13CPA/PC	VBF13CPW/PC			
VBF26CPA	VBF26CPW			
VBF26CPA/PC	VBF26CPW/PC			
VBS50CPA	VBS50CPW			
				VC75CSA
				VC75CPSA

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	GL100BPGO

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

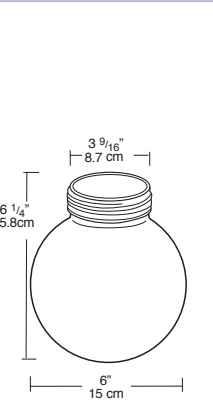
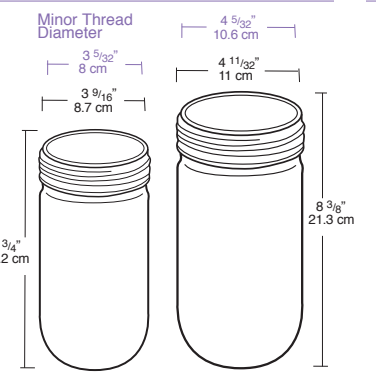
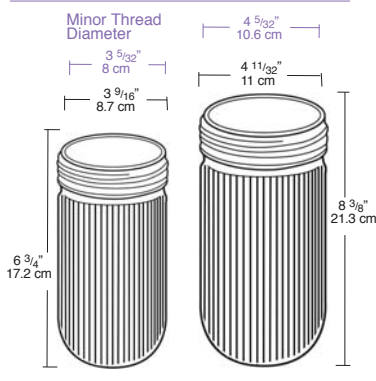
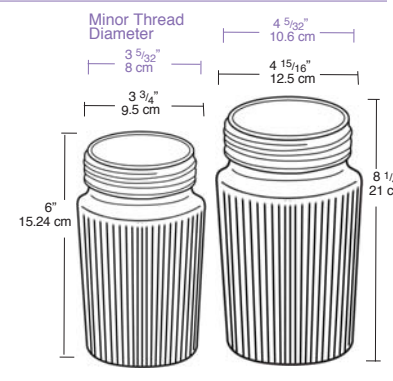
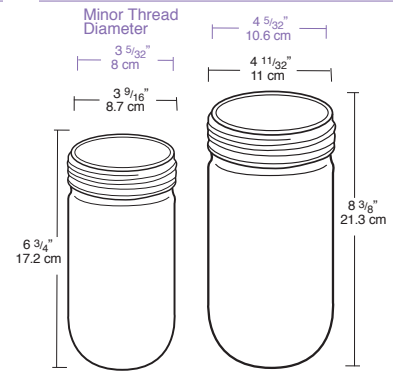
*Maximum wattage:
See Vaporproof fixtures on pages 144-149 for maximum wattage of each globe with each fixture.

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.



Set screw locks guards in place

Machined threads for smooth running fit on RAB Vaporproof fixtures See pages 144-149

Heavy, one-piece aluminum die casting

RAB's distinctive guard design is a favorite of architects and designers

Captive clamping screw won't fall out



Threaded aluminum ring secures reflector to fixture

Available in colors!



Silver Gray Black White



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.

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 Permoglobes. 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

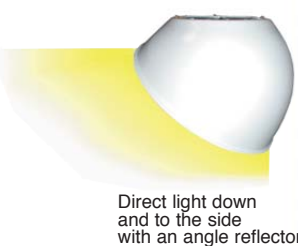


Cutaway illustration of the VX200DG with a Dome Reflector.

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

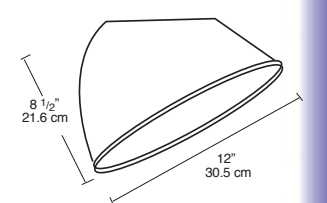
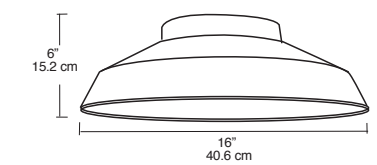
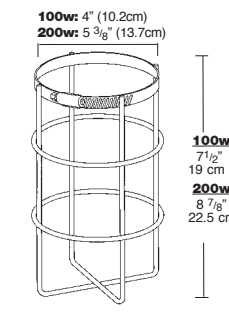
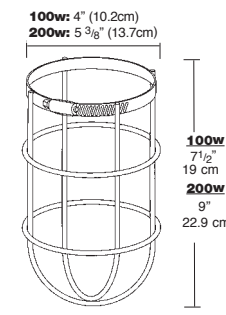
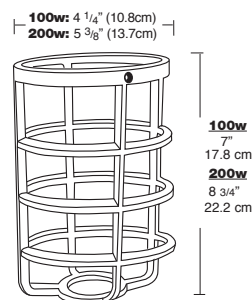
Series	Finish	Catalog #
100	White	RV100ST
200	White	RV200ST

Series	Finish	Catalog #
100	White	RV100A
200	White	RV200A

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

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

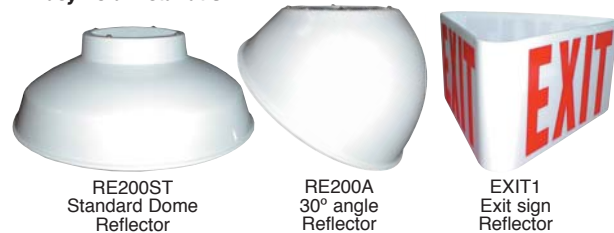
Easy relamping with a single thumb screw

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

UL 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

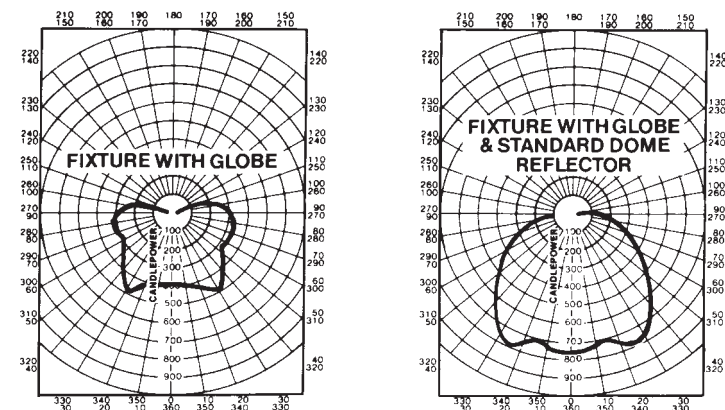
UL Listed Maximum Wattage

Without Reflector	w/Std. Dome Reflector	w/30° Dome Reflector
300	300	300
75	-	-
200	150	200
100	-	150
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



RAB explosionproof fixtures light the Space Shuttle launch tower at the Kennedy Space Center.

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



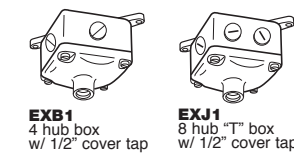
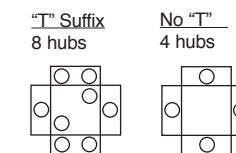
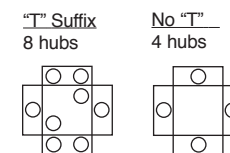
Catalog Numbers

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

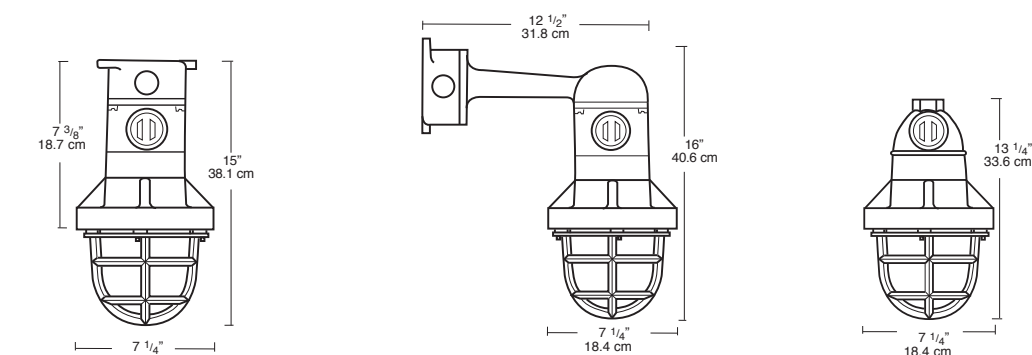
Don't forget to order Explosionproof hanger boxes for pendant fixtures. See page 159 for complete selection.



EXB1 4 hub box w/ 1/2" cover tap

EXJ1 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 Box Listings

Class,	Group
I	D

UL Listed Maximum Wattage		
Without Reflector	w/Std. Dome Reflector	w/30° Dome Reflector
300	300	300
75	-	-
200	150	200
100	-	150
100	100	150

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



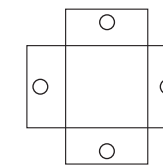
EXB 4 Hole Box

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

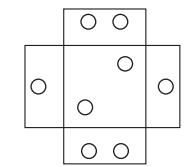
EXJ 8 Hole Box

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

Cover Tap	1/2" NPT side hubs	3/4" NPT side hubs	Cover Tap	1/2" NPT side hubs	3/4" NPT side hubs
Blank	EXB	EXB-3/4	Blank	EXJ	EXJ-3/4
1/2"	EXB1	EXB1-3/4	1/2"	EXJ1	EXJ1-3/4
3/4"	EXB2	EXB2-3/4	3/4"	EXJ2	EXJ2-3/4

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.

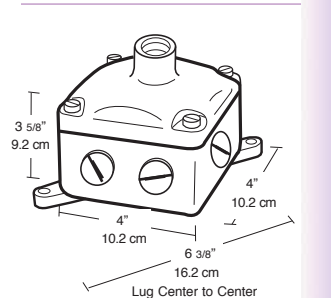
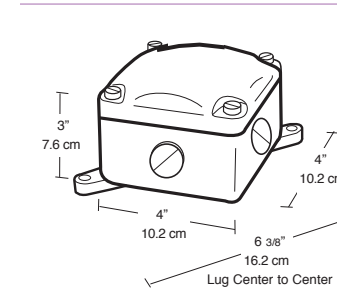
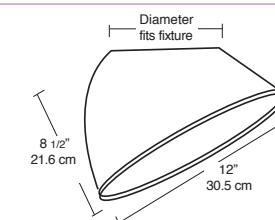
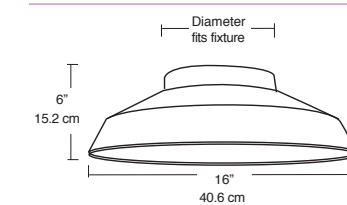
Info Online 24/7

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)

Dimensions



WEATHERPROOF COVERS



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

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

Thick RAB Gasket Actual size "others"

Strong, corrosionproof polycarbonate

Brass screws provided

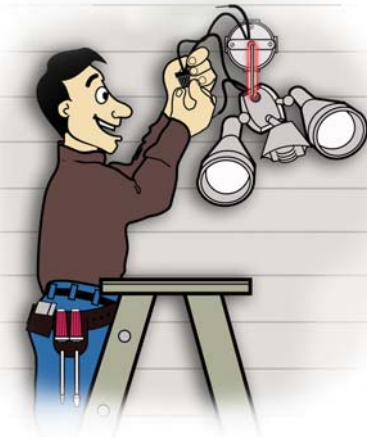


Die cast aluminum covers are color matched to RAB lighting fixtures

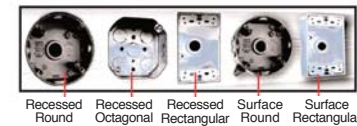
Fourth hole is perfect for motion sensor mounting

Close-up plugs allow Phillips or slotted screwdrivers for easy installation

Installing Outdoor Lighting Is EZ with the RAB EZ Plate!



Fits All Boxes!



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!

Heavy Duty Covers

For weatherproof safety, this heavy duty die cast aluminum cover fits round boxes. Supplied with heavy foam rubber gasket and four #10-24 brass screws.

- 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.

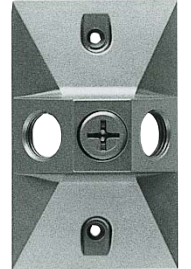
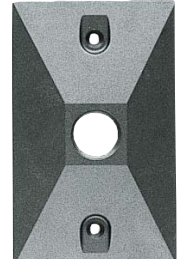
- Finish:
- Black
 - White



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



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					

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

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.

Thick RAB Gasket Actual size "others"

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	

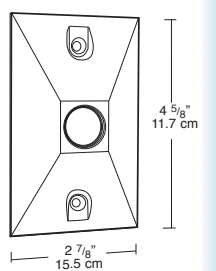
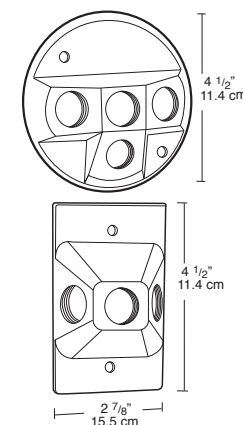
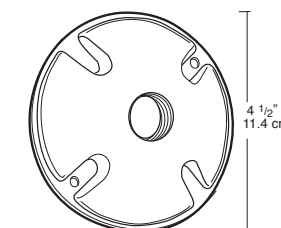
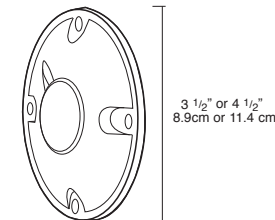
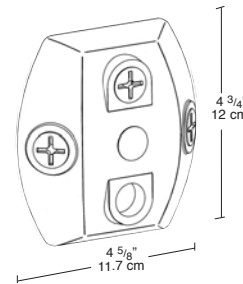
* only slotted

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Patents:
The design of the RAB CU4 is protected under U.S. Patent D520465.

Dimensions



WEATHERPROOF COVERS



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"

Heavy, die cast aluminum

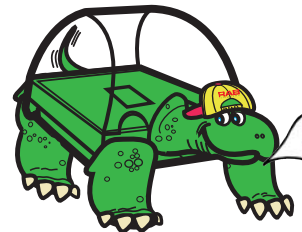
Mounting hardware supplied

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

Weatherproof covers for outlet boxes.

New!
Sturdy, clear cover for easy visibility



New In-Use Covers are Turtle Tough!

Easy locking clasp

Finish: ● Gray
● Black
○ White
● Verde Green



Open (shown with GFI outlet and decorative wall plate - not included)

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 Interrupter 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.

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.



Catalog Numbers

Gray	Black	White	Verde Green
TCS	TCB	TC1W	TCVG

Single Outlet	Double Outlet
CR1	CR2

	1/2"	3/4"	1"
Natural	R9	R10	R13*
Silver Gray	R9S	R10S	
Black	R9B	R10B	* only slotted
Bronze	R9A	R10A	
White	R9W	R10W	
Verde Green	R9VG	R10VG	

Vertical	Horizontal
GFI-V	GFI-H

Silver Gray
CO1

Specifications

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

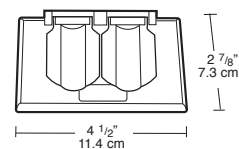
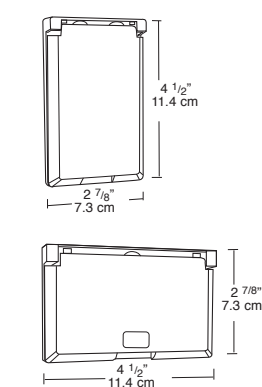
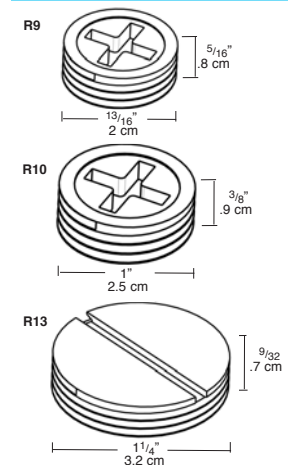
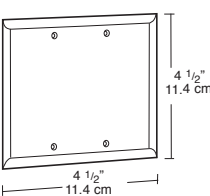
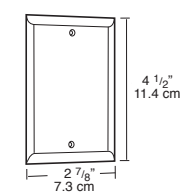
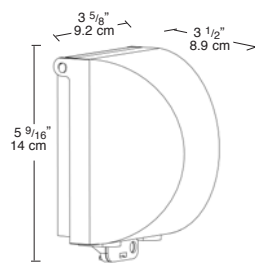
Info Online 24/7

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.

Thick RAB Gasket Actual size "others"

Dimensions



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



Catalog Numbers

Box Diameter	Thread size (of side holes)
4"	1/2"
4"	3/4"
3"	1/2"
3"	3/4"

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
● Silver Gray
● Verde Green



No Cover		Verde Natural Green	
Bronze	Black	White	Verde
VXCA	VXCB	VXCW	VXC
VXCA-3/4	VXCB-3/4	VXCW-3/4	VXC-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 Green
Bronze	Black	White	Natural	Verde 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.

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.

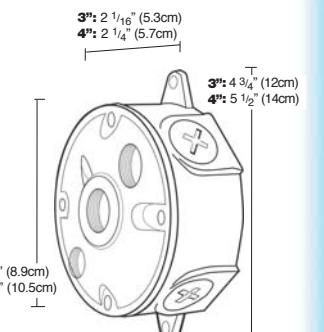
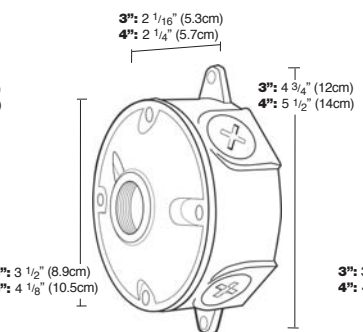
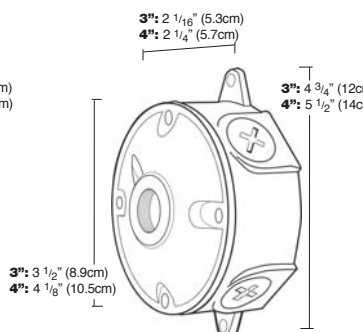
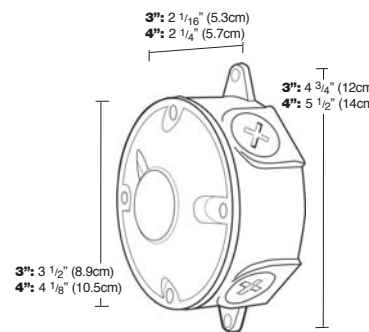
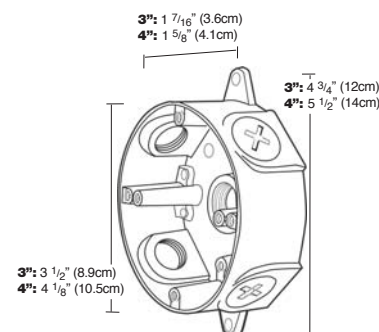
Patents:
The designs of RAB products are protected under U.S. and international intellectual property laws.

Thick RAB Gasket Actual size "others"

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.

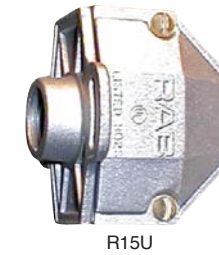
Finish: ● Silver Gray



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



R7 (Natural only)



R5 (Natural only)

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



RT6

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



R3

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

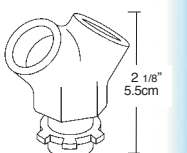
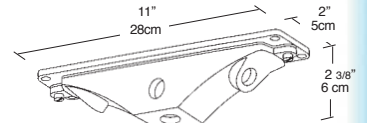
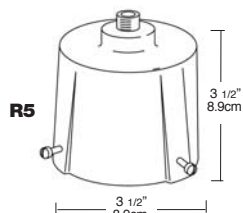
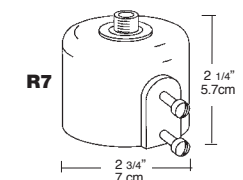
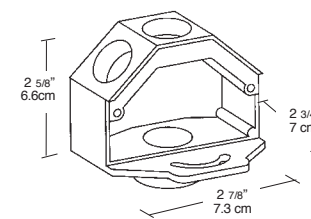
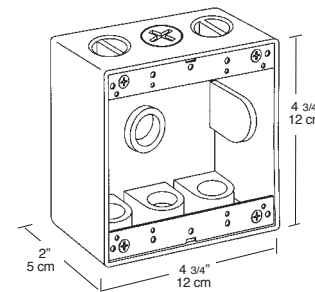
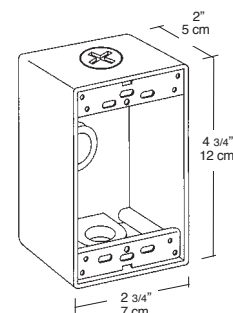
Silver Gray	Black	Bronze	Verde Green	White
B3	B3B	B3A	B3VG	B3W
B3-3/4				
B4	B4B	B4A	B4VG	B4W
B4-3/4				
B5				
B5-3/4				
B5X				
B5X-3/4				

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

Info Online 24/7

www.rabweb.com
Wiring Diagrams
Installation Instructions
Product Specifications

Dimensions



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.

DESIGN DATA WALLPACK Photometrics

Wallpack product information on pages 22-37

3 5 1 2 3 5 10 15 20 30

Color key: Values shown in footcandles

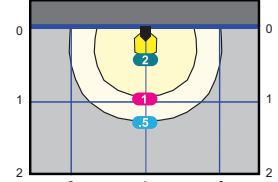
Easy Lighting Layouts

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.

WPLED10

10w LED @ 10' Mounting Height

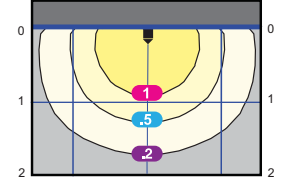


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier
6	2.8
8	1.6
10	1.0
12	0.7

WPLED13

13w LED @ 15' Mounting Height

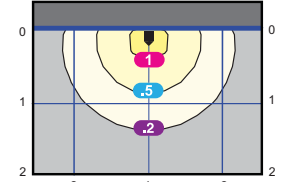


Multiples of Mounting Height - Values shown in Footcandles

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

WPLED20

20w LED @ 20' Mounting Height

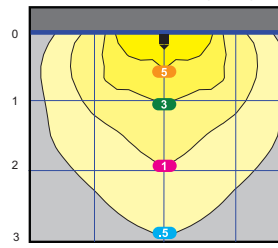


Multiples of Mounting Height - Values shown in Footcandles

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

WP1

70w HPS @ 10' Mounting Height

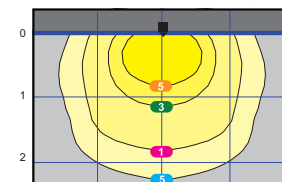


Multiples of Mounting Height - Values shown in Footcandles

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

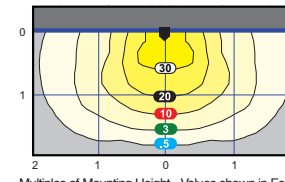


Multiples of Mounting Height - Values shown in Footcandles

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



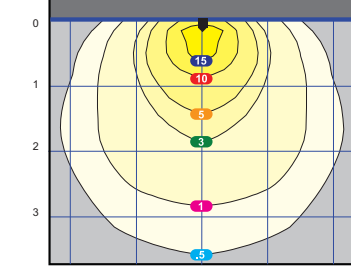
Multiples of Mounting Height - Values shown in Footcandles

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	—	—

DESIGN DATA WALLPACK Photometrics

WP2

150w HPS @ 10' Mounting Height

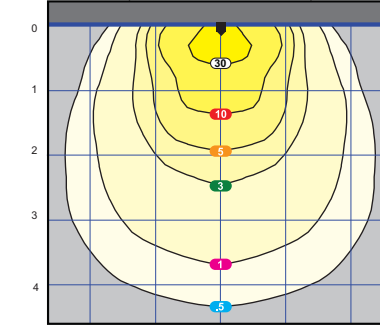


Multiples of Mounting Height - Values shown in Footcandles

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

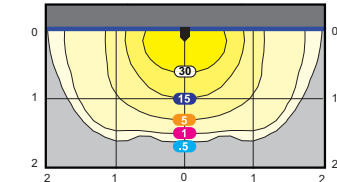


Multiples of Mounting Height - Values shown in Footcandles

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	.9	—
		175	—	.8	—

WP2FC Full Cutoff

150w HPS @ 10' Mounting Height

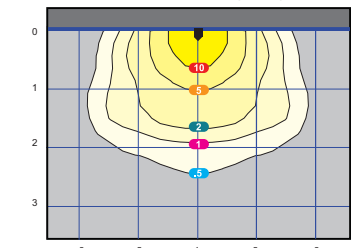


Multiples of Mounting Height - Values shown in Footcandles

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	—

WP3

250w HPS @ 20' Mounting Height

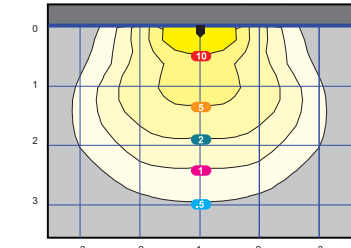


Multiples of Mounting Height - Values shown in Footcandles

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	250	—	.9	—
35	0.3	320	—	1.1	—
		350	—	1.2	—
		400	1.8	1.3	—
		400	—	1.4	—

WP3C

250w HPS @ 20' Mounting Height

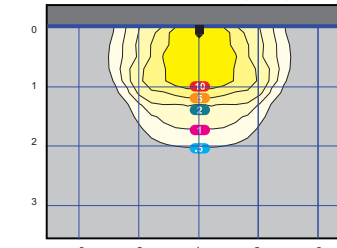


Multiples of Mounting Height - Values shown in Footcandles

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	250	—	.9	—
35	0.3	320	—	1.1	—
		350	—	1.2	—
		400	1.8	1.3	—
		400	—	1.4	—

WP3FC

250w HPS @ 20' Mounting Height

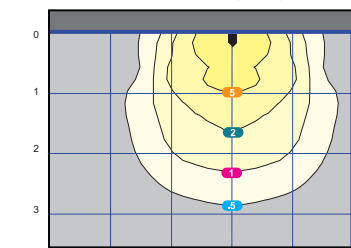


Multiples of Mounting Height - Values shown in Footcandles

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	250	—	.9	—
35	0.3	320	—	1.1	—
		350	—	1.2	—
		400	1.8	1.3	—
		400	—	1.4	—

WP4

400w HPS @ 25' Mounting Height

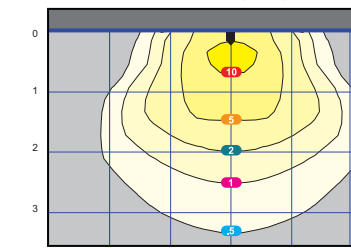


Multiples of Mounting Height - Values shown in Footcandles

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

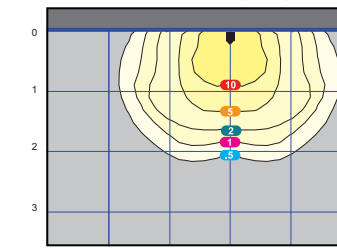


Multiples of Mounting Height - Values shown in Footcandles

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"

3 .5 1 2 3 5 10 15 20 30

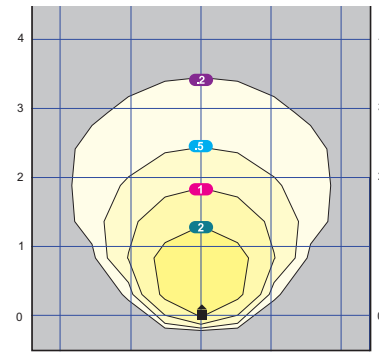
Color key: Values shown in footcandles

www.lightinglayouts.com
For Easy Online Layouts & Spec Sheets 24/7



HBLED10 (Sign & Wall)

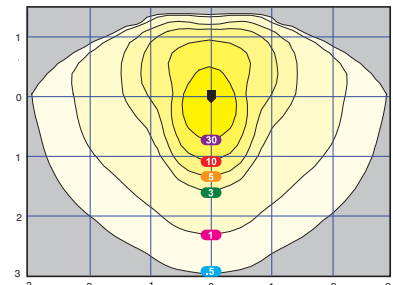
10w HBLED Flood @ 5' Setback - 60° above horizon



Multiples of Mounting Height - Values shown in Footcandles

EZ Flood

150w HPS - 10' Mounting Height - 30° below horizontal

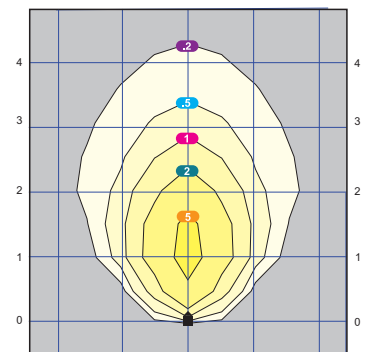


Multiples of Mounting Height - Values shown in Footcandles

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

HBLED10 (Sign & Wall)

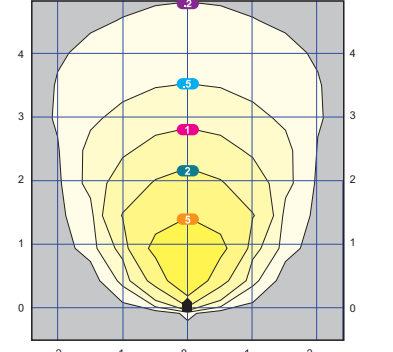
10w HBLED Spot @ 5' Setback - 60° above horizon



Multiples of Mounting Height - Values shown in Footcandles

HBLED13 (Sign & Wall)

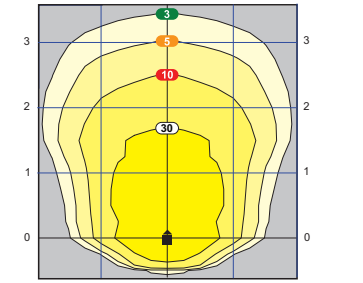
13w HBLED Flood @ 5' Setback - 60° above horizon



Multiples of Mounting Height - Values shown in Footcandles

Future Flood (Sign & Wall)

150w HPS - 5' from wall - 45° above horizontal

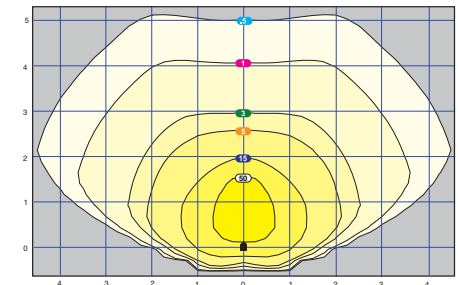


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Multiplier		
		Watts	HPS	MH
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	—

EZ Flood (Sign & Wall)

150w HPS - 5' from wall - 45° above horizontal

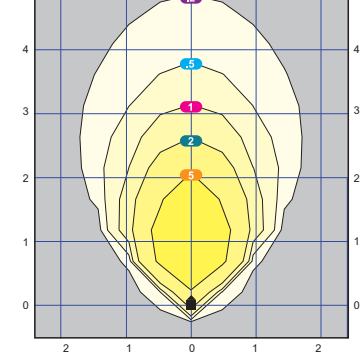


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	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

HBLED13 (Sign & Wall)

13w HBLED Spot @ 5' Setback - 60° above horizon

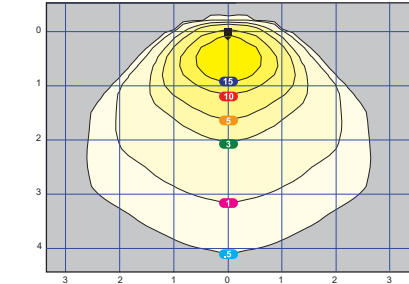


Multiples of Mounting Height - Values shown in Footcandles

DESIGN DATA FLOODLIGHTS Photometrics

FlexFlood®

175w MH - 10' Mounting Height - 30° below horizontal

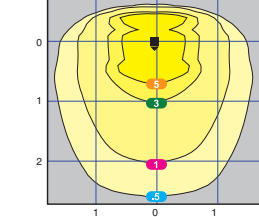


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Multiplier		
		Watts	HPS	MH
8	1.6	42	—	.3
10	1.0	70	.5	.4
15	.4	100	.7	.7
20	.3	125	—	.9
25	.2	150	1.2	1.0
		175	—	1.0

Floodzilla®

400w HPS fixture @ 30' mounting ht. - 45° below horizontal

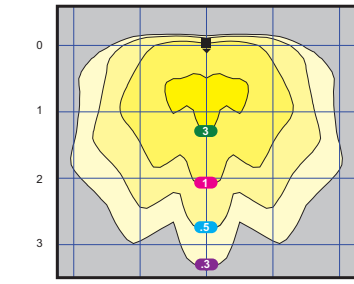


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Multiplier		
		Watts	HPS	MH
15	4.0	175	—	.3
20	2.3	200	—	.4
30	1.0	250	.6	.4
35	.7	320	—	.5
40	.6	350	—	.6
		400	1.0	.7
		400	—	.8

MegaFlood® (MH)

400w HPS - 30' Mounting Ht. - 45° below horizontal

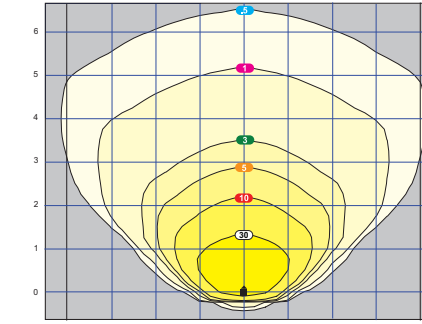


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Multiplier		
		Watts	HPS	MH
15	4.0	175	—	.3
20	2.3	200	—	.4
30	1.0	250	.6	.4
35	.7	320	—	.5
40	.6	350	—	.6
		400	1.0	.7
		400	—	.8

FlexFlood® (Sign & Wall)

150w PS MH - 5' from wall - 60° above horizontal

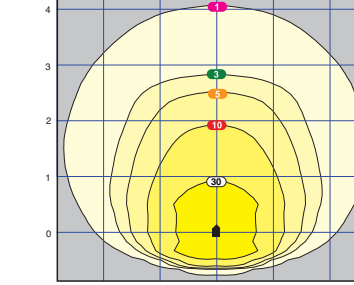


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Multiplier		
		Watts	HPS	MH
3	2.8	42	—	.3
5	1.0	70	.5	.4
8	.4	100	.7	.7
10	.3	125	—	.9
12	.2	150	1.2	1.0
		150	—	.9
		175	—	1.0

Floodzilla® (Sign & Wall)

400w HPS fixture 10' from wall/sign - 45° above horizontal

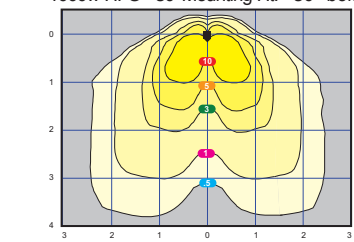


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	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

Floodinator®

1000w HPS - 30' Mounting Ht. - 30° below horizontal



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	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"

.3 .5 1 2 3 5 10 15 20 30

Color key: Values shown in footcandles

www.lightinglayouts.com
For Easy Online Layouts & Spec Sheets 24/7



DESIGN DATA AREA LIGHTS & BOLLARDS Photometrics

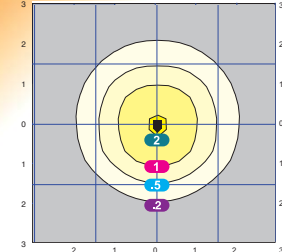
See pages 76-83 and 130-131

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

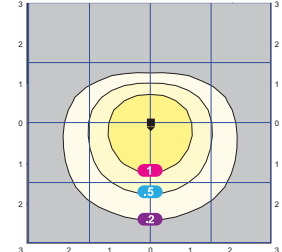


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier
6	2.8
8	1.6
10	1.0
12	0.7

ALED13 LED Area Light

13w LED @ 15' Mounting Height

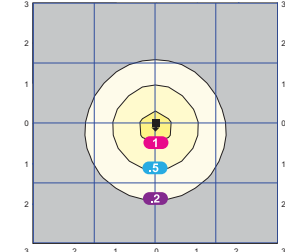


Multiples of Mounting Height - Values shown in Footcandles

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

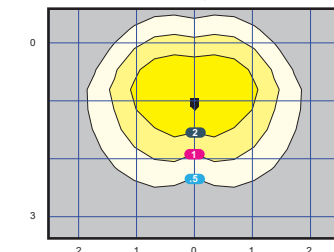


Multiples of Mounting Height - Values shown in Footcandles

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

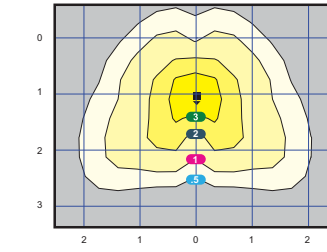


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	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

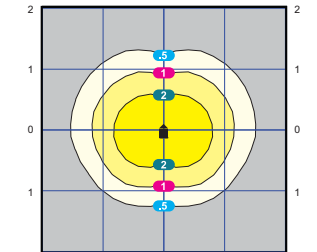


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	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)

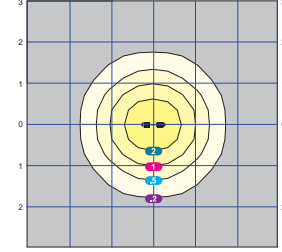


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	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

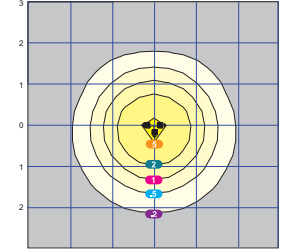
(2) 10w LEDs @ 10' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

ALED10 with 3 fixtures

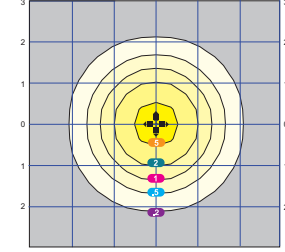
(3) 10w LEDs @ 10' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

ALED10 with 4 fixtures

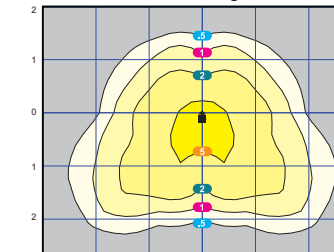
(4) 10w LEDs @ 10' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

AJ™ Area Light Jr.

150w PSMH - 15' Mounting Ht.

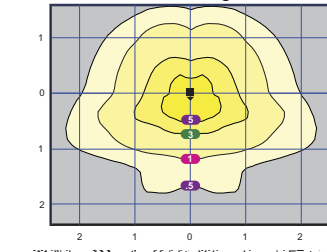


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	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

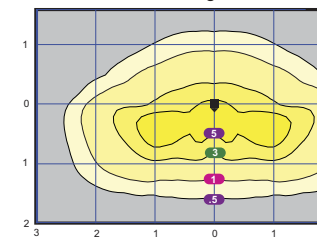


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	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

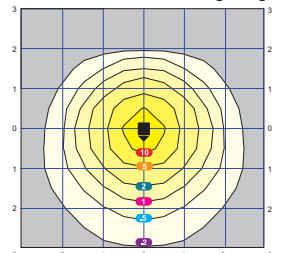


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	HPS	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

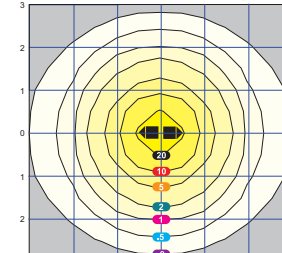
10w LED @ 3.5' Mounting Height



Multiples of Mounting Height - Values shown in Footcandles

BLED2x10 Bollards

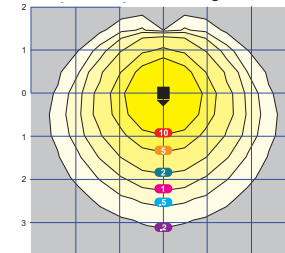
(2) 10w LEDs @ 3.5' Mounting Ht. - No Tilt



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

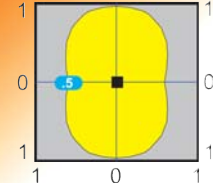
Download IES Photometric files from www.rabweb.com

Search for the product and click "IES File"

Color key: Values shown in footcandles

VAN1

75w Incandescent @ 8' Mounting Height

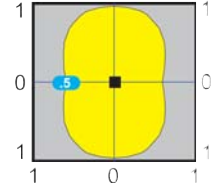


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier
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

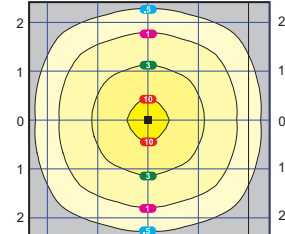


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier
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

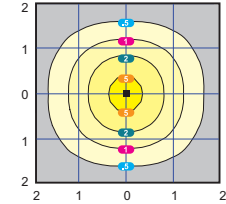


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier
6	1.8	26	.3
8	1.0	32	.4
10	.6	35	.4
12	.4	42	.5
		50	.6
		70	1.0

VAN4

150w Incandescent @ 8' Mounting Height

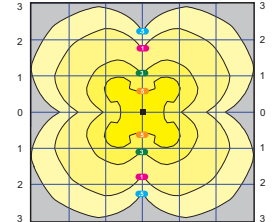


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier
6	1.8	13	.4
8	1.0	2x13	.7
10	.6	26	1.0
12	.4	32	1.0
15	.3	42	1.3
		52	1.5
		150	1.0

VAN5®

150w HPS @ 10' Mounting Height

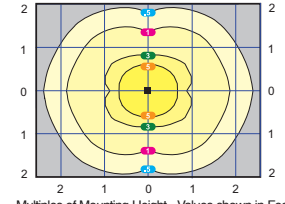


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier
8	1.6	64	.3
10	1.0	84	.4
12	.7	96	.6
16	.4	100	.6
20	.3	125	.7
		150	.8
		150	1.0
		200	1.3

VAN6

50w HPS @ 8' Mounting Height

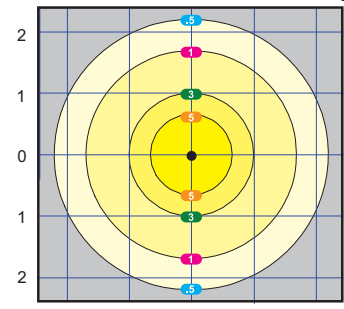


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier
6	1.8	13	.2
8	1.0	26	.4
10	.6	35	.6
12	.4	50	1.0
16	.3		

VAN11&15 (CFL&Incand.)

64w Fluorescent & Incand @ 8' Mounting Height

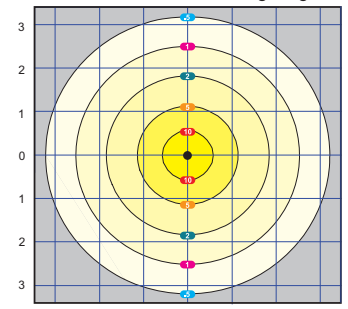


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier
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

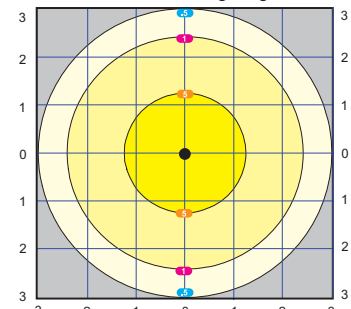


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier
6	1.8	35	.2
8	1.0	50	.4
10	.6	70	.6
12	.4	100	1.0
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	Multiplier
8	1.6	55	.2
10	1.0	60	.4
12	.7	85	.4
16	.4	150	.8
20	.3	175	.8
		175	.9

www.lightinglayouts.com
For Easy Online Layouts & Spec Sheets 24/7



DESIGN DATA QUARTZ FLOODS Photometrics

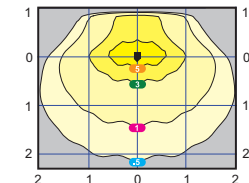
See pages 64-71 for Quartz fixtures

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

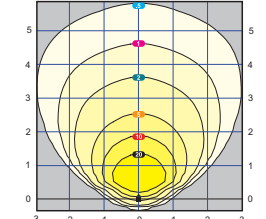


Multiples of Mounting Height - Values shown in Footcandles

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

Quartz Floods (Sign & Wall)

150w Quartz @ 3' from Wall - 30° below horizontal

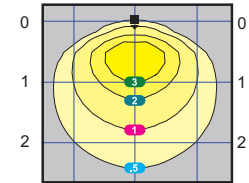


Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier
2	2.3	150	1.0
3	1.0	200	2.0
5	.4		
7	.2		

Swoop®

150w Fixture @ 10' Mounting Ht. -30° below horizontal



Multiples of Mounting Height - Values shown in Footcandles

Mounting Height	Multiplier	Watts	Multiplier
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	

