



LED High Bay fixture ideal for large indoor spaces, including warehouses, gymnasiums and distribution centers with high ceiling that require mounting heights of 50-60 feet. Replaces up to 1000W MH fixtures.

Color: White

Weight: 10.3 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type:	Constant Current	Watts:	95W
120V:	0.77A	Color Temp:	5000K (Cool)
208V:	0.48A	Color Accuracy:	77 CRI
240V:	0.42A	L70 Lifespan:	100,000
277V:	0.35A	Lumens:	12645
Input Watts:	92W	Efficacy:	137 LPW
Efficiency:	N/A		

## Technical Specifications

### Listings

#### UL Listing:

Suitable for damp locations

#### DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.

DLC Product Code: PGR6PS9G

### LED Characteristics

#### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### Color Stability:

LED Color temperature is warrantied to shift no more than 200K in CCT over a 5 year period

#### Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Electrical

#### Driver:

One Driver, Class 2, Constant Current, 100-277VAC, 50-60Hz, 4kV, 1.1A,

#### Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

#### THD:

5.6% at 120V, 9.8% at 277V

#### Power Factor:

99.8% at 120V, 92.6% at 277V

### Construction

#### Ambient Temperature:

Suitable for use 12 hours a day, 6 days a week in 60°C (140°F). Suitable for 24/7 use in ambient temperatures up to 50°C (122°F).

#### Housing:

Extruded aluminum

#### Lens:

High-transmittance polystyrene

#### Reflector:

Specular, high-reflectance aluminum with 95% reflectivity

#### Mounting:

V hooks (chain by others)

#### Finish:

Formulated for high-durability and long lasting color

#### Green Technology:

Mercury and UV-free. RoHS compliant components.

#### Recommended Mounting Height:

Up to 25 ft

### Other

#### Replacement:

Replaces 100-250W MH

### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at

### Sensor Specifications

#### Operating Voltage:

120-277V

#### Power Consumption:

1W

#### 0-10V Sinking Current:

50mA

#### Adjustable High and Low Modes:

High: 0-10V; Low: off, 0-9.8V

#### Adjustable Time Delay:

Amount of time in high mode with no motion before switching to low mode: 5 min., 1 -30 min.

#### Adjustable Cut Off Delay:

Time in which the fixture will remain on low mode with no motion before turning off and waiting for new motion to turn on: None, 1 -60 min., 1 -5 hrs.

#### Adjustable Sensitivity:

None, low, medium, maximum

## Technical Specifications (continued)

### Sensor Specifications

#### Adjustable Setpoint:

None, 1 to 250 fc, auto

#### Adjustable Ramp Up and Fade Down Times:

1 to 60 sec

#### Operating Temperature:

-40°F to 167°F (-40°C to +75°C)

#### Operating Humidity:

20% to 90% noncondensing

#### Relay Life Rating:

200,000 cycles (120/277VAC), 50,000 cycles (230VAC)

#### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### UL Listing:

Suitable for Wet Locations as factory installed

#### Handheld Wireless Configuration Tool:

Adjust settings using handheld wireless configuration tool. Only available with 0-10V dimming driver options.

#### Multi Level Motion Sensor:

\*40 ft. diameter coverage from 20 ft. height.

## Features

Ideal for large spaces

100,000 hour lifespan - virtually maintenance free operation

0-10V driver for variable dimming down to 10%

Low-glare design with semi-diffuse lens

## Ordering Matrix

Family	Wattage	Color Temp	Finish	Driver Options	Control Options	Other Options
RAIL	95	^	W	/D10	/WS2	^
	95 = 95W 150 = 150W 185 = 185W 225 = 225W 400 = 400W	Blank = 5000K (Cool) N = 4000K (Neutral) YN = 3500K (Warm Neutral)	W = White	/D10 = 120-277V, 0-10V Dim /480/D10 = 480V, 0-10V Dim	Blank = No Option /BL = Bi-Level Control /WS2 = Multi-Level Motion Sensor 20 ft. /WS4 = Multi-Level Motion Sensor 40 ft. /LOS = LOSBAY 800 Sensor /LC = Lightcloud® Controller /LCS = Lightcloud® Sensor /E2 = Emergency Battery Pack	Blank = Standard USA = BAA Compliant