

High efficiency. High output. High Bay RAIL.

Color: White

Weight: 20.7 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	1.68A
208V	1.02A
240V	0.88A
277V	0.74A
Input Watts	199.30W

LED Info

Watts	225W
Color Temp	4000K (Neutral)
Color Accuracy	78 CRI
L70 Lifespan	100,000
Lumens	25,617
Efficacy	128.5 LPW

Technical Specifications

Listings

UL Listed:

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: PGJG1ZFY

LED Characteristics

Lifespan:

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

Color Stability:

LED Color temperature is warranted to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's range of 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.

Construction

Ambient Temperature:

Suitable for use 12 hours a day, 6 days a week in 55°C (131°F). Suitable for 24/7 use in up to 40°C (104°F).

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 50 ft

Other

Replacement:

Replaces 350-400W 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 rablighting.com/warranty.

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Sensor Specifications

Handheld Wireless Configuration Tool:

Adjust settings using handheld wireless configuration tool. Only available with 0-10V dimming driver options. [Handheld wireless configuration tool available here.](#)

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 1.68A, 208V: 1.02A, 240V: 0.88A, 277V 0.74A

THD:

2.4% at 120V, 6.6% at 277V

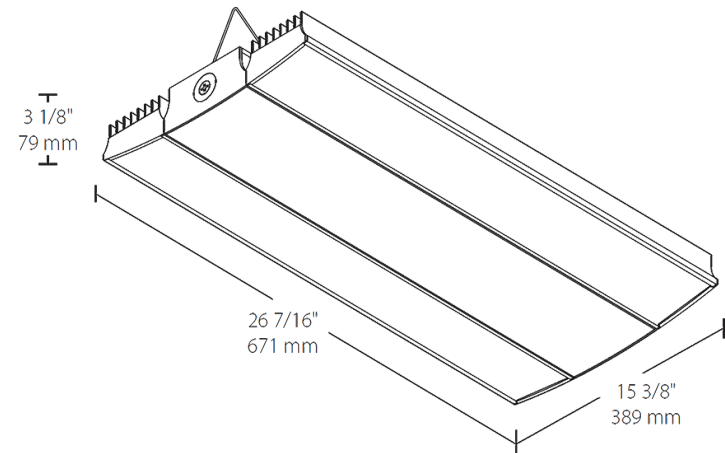
Housing:

Extruded aluminum

Power Factor:

99.9% at 120V, 95.5% at 277V

Dimensions



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	225	N	W	/D10		
	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. ¹ /WS4 = Multi-Level Motion Sensor 40 ft. ¹ /LOS = LOSBAY 800 Sensor /LC = Lightcloud® Controller /LCS = Lightcloud® Sensor /E2 = Battery Pack /LC/E2 = Lightcloud® Controller w/ Battery Pack ²	Blank = Standard USA = BAA Compliant

¹ WS2 with 20' lens only available for 95 and 150W models; WS4 with 40' lens only available for 185 and 225W models. Both sensors only available with /D10 dimming drivers, but not with 480V driver.

² Not available in RAIL 400W