



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: 17.9 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
120V: 1.12A
208V: 0.70A
240V: 0.60A
277V: 0.51A
Input Watts: 132W
Efficiency: N/A

LED Info

Watts: 150W
Color Temp: 3500K (Warm Neutral)
Color: 83 CRI
Accuracy:
L70 Lifespan: 100,000
Lumens: 16758
Efficacy: 127 LPW

Technical Specifications

Listings

UL Listing:

Suitable for damp locations

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC Product Code: P6JZGECR

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:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 1.12A, 208V: 0.70A, 240V: 0.60A, 277V 0.51A

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:

13.4% at 120V, 20.7% at 277V

Power Factor:

98.7% at 120V, 91.7% 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 55°C (131°F).

Housing:

Extruded aluminum

Lens:

High-transmittance polystyrene

Reflector:

Specular, high-reflectance aluminum with 95% reflectivity

Mounting:

3/4" NPS for pendant mount (pendant by others) or direct surface knockout on junction box for mounting to ceiling. Mounting hardware (not provided) should be suitable to mounting surface.

Finish:

Formulated for high-durability and long lasting color

Green Technology:

Mercury and UV-free. RoHS compliant components.

Recommended Mounting Height:

Up to 30 ft

Other

Replacement:

Replaces 175-320W 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

Handheld Wireless Configuration Tool:

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

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