



High efficiency. High output. High Bay RAIL.

Color: White

Weight: 17.6 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
120V: 1.37A
208V: 0.81A
240V: 0.71A
277V: 0.60A
Input Watts: 164W
Efficiency: N/A

LED Info

Watts: 185W
Color Temp: 5000K (Cool)
Color Accuracy: 76 CRI
L70 Lifespan: 100,000
Lumens: 22640
Efficacy: 138 LPW

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: PUKD47UH

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: 1.37A, 208V: 0.81A, 240V: 0.71A, 277V 0.60A

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:

5.4% at 120V, 7.5% at 277V

Optical

Power Factor:

99.8% at 120V, 96.6% 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 40 ft

Other

Replacement:

Replaces 250-400W 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

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
RAIL	185	^	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. /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