



Premium, linear high bay available in five sizes/wattages. Ultra-high efficacy. Designed to be ecofriendly

Color: White/aluminum

Weight: 11.4 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	176.5W

LED Info

Watts	175W
Color Temp	4000K (Neutral)
Color Accuracy	83 CRI
L70 Lifespan	100,000 Hours
Lumens	25,965 lm
Efficacy	147.1

Technical Specifications

Compliance

UL Listed:

Suitable for damp locations

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

Performance

Lifespan:

100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

Wattage Equivalency:

Equivalent to 400W Metal Halide

LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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.

Electrical

Driver:

Constant Current, Class 2, 480V, 50/60Hz, 480V: 0.36A

THD:

10.08% at 480V

Power Factor:

92.7% at 480V

Surge Protection:

6 kV

Construction

Cold Weather Starting:

The minimum starting temperature is -4°F (-20°C)

Maximum Ambient Temperature:

Suitable for use in up to 113°F (45°C)

Housing:

Extruded aluminum

Lens:

Polycarbonate lens

Reflector:

Polyethylene Terephthalate (PET)

Installation

Mounting:

V hooks (chain by others)

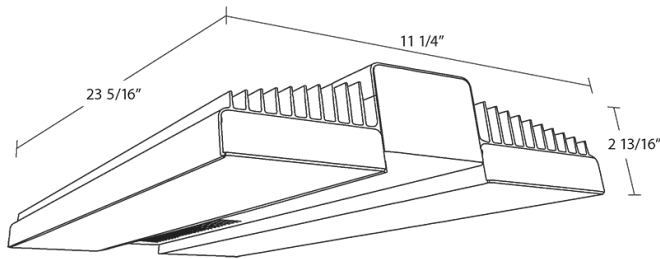
Technical Specifications (continued)

Other

5-Year, No-Compromise 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.

Dimensions



Features

- 100,000-Hour LED lifespan
- DLC Premium Listed
- 0-10V dimming, standard
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Wattage (Length)	Color Temp	Driver	Options
RAIL	175	N	/480	
	150 = 150W (20") 175 = 175W (23") 225 = 225W (31") 400 = 400W (46") 90 = 90W (13")	Blank = 5000K N = 4000K	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	/MVS/E = Microwave Occupancy Sensor w/Battery Backup, 120-277V /PIR/E = Passive Infrared Sensor w/Battery Backup, 120-277V /LCS/E = Lightcloud Sensor w/Battery Backup, 120-277V ¹ /LC/E = Lightcloud w/Battery Backup, 120-277V ¹ /E = Battery Backup, 120-277V /MVS = Microwave Occupancy Sensor, 120-277V /PIR = Passive Infrared Sensor, 120-277V /LCS = Lightcloud Sensor, 120-277V /LC = Lightcloud, 120-480V Blank = No Option

¹ Available in 150W, 175W, 225W and 400W only