

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

Color: White/aluminum

Weight: 14.6 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	225W
120V	1.71A	Color Temp	5000K (Cool)
208V	1.00A	Color Accuracy	83 CRI
240V	0.86A	L70 Lifespan	100,000 Hours
277V	0.74A	Lumens	34,847 lm
Input Watts	243W	Efficacy	143.4

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.

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 IESIm-80 results and TM-21 calculations

Wattage Equivalency:

Equivalent to 750W 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, 120-277V, 50/60Hz, 120V: 1.71A, 208V: 1.00A, 240V: 0.86A, 277V 0.74A

THD:

1.73% at 120V, 5.83% at 277V

Power Factor:

99.9% at 120V, 96.1% at 277V

Surge Protection:

6 kV

Battery Backup:

Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

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:

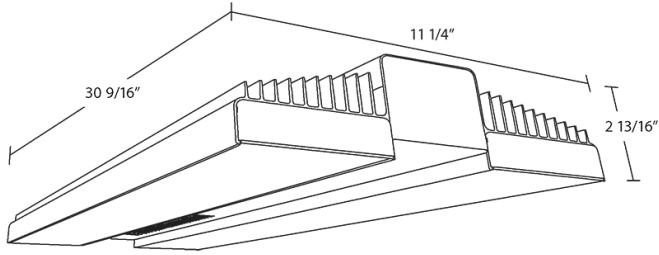
Polyethylene Terephthalate (PET)

Installation

Mounting:

V hooks (chain by others)

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	225			/E

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, 120-277V¹
 /LC/E = Lightcloud w/Battery Backup, 120-277V¹
 /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