



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

Color: White/aluminum

Weight: 8.5 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

Type	Constant Current
120V	0.80A
208V	0.46A
240V	0.40A
277V	0.35A
Input Watts	90.2W

### LED Info

Watts	90W
Color Temp	5000K (Cool)
Color Accuracy	83 CRI
L70 Lifespan	100,000 Hours
Lumens	12,737 lm
Efficacy	141.2

## 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](http://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 250W 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: 0.80A, 208V: 0.46A, 240V: 0.40A, 277V 0.35A

**THD:**

1.63% at 120V, 5.61% at 277V

**Power Factor:**

99.9% at 120V, 97% at 277V

**Surge Protection:**

6 kV

**Battery Backup:**

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

**Battery Backup Light Loss Factor:**

0.323

### 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)

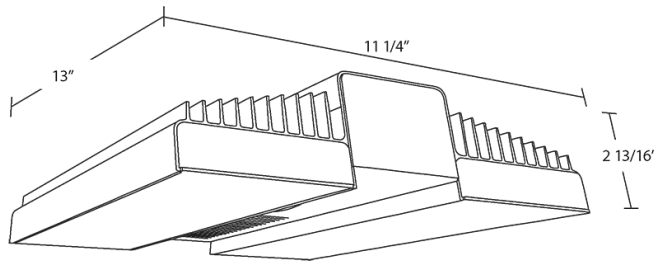
**Technical Specifications (continued)**

**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](http://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	90			/E

150 = 150W (20")  
 175 = 175W (23")  
 225 = 225W (31")  
 400 = 400W (46")  
 90 = 90W (13")

Blank = 5000K  
 N = 4000K

/480 = 480V, 0-10V Dimming  
 Blank = 120-277V, 0-10V Dimming

Blank = No Option  
 /LC = Lightcloud, 120-480V  
 /LCS = Lightcloud Sensor, 120-277V  
 /PIR = Passive Infrared Sensor, 120-277V  
 /E = Battery Backup, 120-277V  
 /PIR/E = Passive Infrared Sensor w/Battery Backup, 120-277V  
 /MVS/E = Microwave Occupancy Sensor w/Battery Backup, 120-277V  
 /MVS = Microwave Occupancy Sensor, 120-277V

<sup>1</sup> Available in 150W, 175W, 225W and 400W only