



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**

**LED Info**

Type	Constant Current	Watts	90W
120V	0.80A	Color Temp	5000K (Cool)
208V	0.46A	Color Accuracy	83 CRI
240V	0.40A	L70 Lifespan	100,000 Hours
277V	0.35A	Lumens	12,737 lm
Input Watts	90.2W	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 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. Designed to meet DLC 5.1 requirements.

DLC Product Code: S-RT40YM

**Performance**

**Lifespan:**

100,000-Hour LED lifespan based on IES LM-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 warrantied 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:**

6kV

**Construction**

**Cold Weather Starting:**

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

**Technical Specifications (continued)**

**Construction**

**Maximum Ambient Temperature:**

Suitable for use in up to 50°C (122°F)

**Housing:**

Extruded aluminum

**Lens:**

Polycarbonate lens

**Reflector:**

Polyethylene Terephthalate (PET)

**Mounting:**

V hooks (chain by others)

**Other**

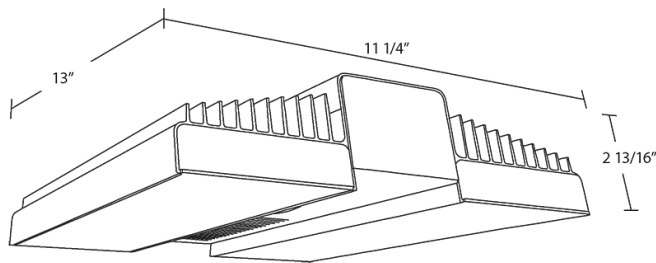
**Warranty:**

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).

**Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

**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	Voltage	Options
RAIL	90			
	90 = 90W (13") 150 = 150W (20") 175 = 175W (23") 225 = 225W (31") 400 = 400W (46")	Blank = 5000K N = 4000K	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = No Option /LC = Lightcloud® Controller /LCS = Lightcloud® Sensor /PIR = Passive Infrared Sensor /MVS = Microwave Occupancy Sensor