



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	130/100/80W
120V	N/A	Color Temp	Field Adjustable 4000/5000K
208V	N/A	Color Accuracy	85 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	13780-20965 lm
Input Watts	84.8-133.6W	Efficacy	155.5-162.5 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable:**

Field Adjustable Light Output:  
130W/100W/80W (factory default 130W)  
Color temperature selectable by 4000K and 5000K (factory default 4000K)

**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.

**IP Rating:**

IP20

**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.

**LED Characteristics**

**LEDs:**

Long-life, high-efficiency, discrete, surface-mount LEDs

**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.

**Performance**

**Lifespan:**

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

**Electrical**

**Driver:**

Constant Current, Class1, 120-277V, 50/60 Hz:  
130W: 480V: 0.34A  
100W: 480V: 0.26A  
80W: 480V: 0.22A

**Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

**THD:**

6.19% at 480V

**Power Factor:**

95.0% at 480V

**Surge Protection:**

L-N: 6 kV  
L/N-PE: 6 kV

**Battery Backup Light Loss Factor:**

130W: 30.13%  
100W: 38.59%  
80W: 46.44%

**Construction**

**Cold Weather Starting:**

The minimum starting temperature is -40°F (-40°C)

**Maximum Ambient Temperature:**

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

**Reflector:**

Polycarbonate

**Housing:**

Die-cast aluminum

**Finish:**

Formulated for high durability and long-lasting color

## Technical Specifications (continued)

### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Installation

#### Mounting:

Comes standard with V-hooks for chain mounting. Accessories available for pendant and surface mounting (purchased separately).

### Sensor Settings

#### Remote Control Accessory:

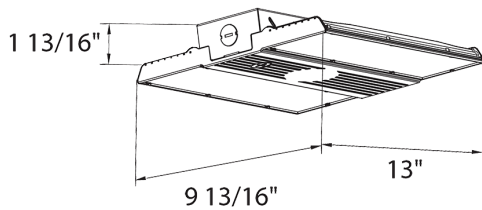
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

### Other

#### 5-Year Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint 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, limited warranty

Ordering Matrix

Family	Size/Wattage	Color Temp	Mounting	Finish	Driver	Options
RBAY17	SHO	Blank			/480	
	<b>SHO</b> = 14" (130/100/80W) <b>M</b> = 20" (260/220/160W) <b>MHO</b> = 20" (260/220/160W) <b>L</b> = 30" (400/320/260W) <b>S</b> = 14" (130/100/80W)	<b>Blank</b> = 3500/4000/5000K <b>Blank</b> = 4000/5000K	<b>Blank</b> = V-Hook/Chain	<b>Blank</b> = White	<b>Blank</b> = 120-277V, 0-10V Dimming <b>/480</b> = 480V, 0-10V Dimming	<b>/E/8CPT4</b> = Battery Backup w/8' Cord & 480V Plug <b>/E/8CP2</b> = Battery Backup w/8' Cord & 277V Plug <b>/E/8CP</b> = Battery Backup w/8' Cord & 120V Plug <b>/E/8C</b> = Battery Backup w/8' Cord <b>/8CPT4</b> = 8' Cord & 480V Plug <b>/8CP2</b> = 8' Cord & 277V Plug <b>/8CP</b> = 8' Cord & 120V Plug <b>/8C</b> = 8' Cord <b>/LCBS/E</b> = Lightcloud Blue w/PIR Sensor and Battery Back Up <b>/LCBS</b> = Lightcloud Blue w/PIR Sensor <b>/E</b> = Battery Backup <sup>1</sup> <b>Blank</b> = No Option

<sup>1</sup> Available only for 120-277V models