

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

Driver Info		LED Info	
Type	Constant Current	Watts	160/130/100W
120V	N/A	Color Temp	3500/4000/5000K
208V	N/A	Color Accuracy	84-85 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	15,225-23,844 lm
Input Watts	100.3-162W	Efficacy	136.3-162.3 lm/W

## Technical Specifications

### Field Adjustability

**Field Adjustable:**

Field Adjustable Light Output:  
160W/130W/100W (factory default 160W)  
Color temperature selectable by 3500K, 4000K and 5000K (factory default 4000K)

**Optical Field Adjustability:**

55°, 85°, and 105° (factory default 85°)

### Compliance

**UL Listed:**

Suitable for wet 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.

### 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, Class 1, 480V, 50/60 Hz:  
160W: 480V: 0.35A  
130W: 480V: 0.30A  
100W: 480V: 0.25A

**Dimming Driver:**

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

**THD:**

4.43% at 480V

**Power Factor:**

95.9% at 480V

**Aux Power Supply:**

Yes

**Dim to Off:**

Yes

**Surge Protection:**

6 kV + 6 kV

### Construction

**Cold Weather Starting:**

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

**Maximum Ambient Temperature:**

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

**Lens:**

Polycarbonate lens

**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.

**Other**

**IP Rating:**

Ingress protection rating of IP66 & IP69K for high-pressure and high temperature cleaning

**5-Year Limited Warranty:**

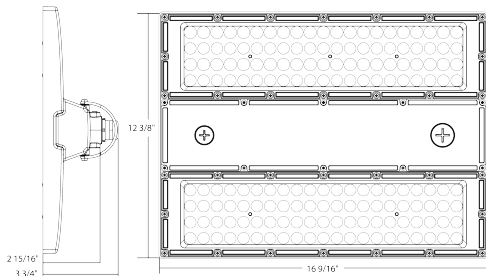
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

**Installation**

**Mounting:**

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

**Dimensions**



**Features**

- 100,000-Hour LED lifespan
- DLC Premium Listed
- 0-10V dimming, standard
- 5-Year, limited warranty

**Ordering Matrix**

Family	Wattage	Color Temp	Distribution	Finish	Driver
RBAY22	S				/480
	S = 160/130/100W M = 260/220/160W L = 320/260/200W	Blank = 3500/4000/5000K CCT Adjustable	Blank = 55°/85°/105° Adjustable Beam Angle	Blank = White	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming