



Color: White

Weight: 8.8 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

|             |                   |
|-------------|-------------------|
| Type        | Constant Current  |
| 120V        | 1.40A/1.20A/0.95A |
| 208V        | 0.80A/0.70A/0.55A |
| 240V        | 0.70A/0.60A/0.50A |
| 277V        | 0.65A/0.55A/0.50A |
| Input Watts | 95-160.4W         |

LED Info

|                |                  |
|----------------|------------------|
| Watts          | 160/130/100W     |
| Color Temp     | 3500/4000/5000K  |
| Color Accuracy | 84-85 CRI        |
| L70 Lifespan   | 100,000 Hours    |
| Lumens         | 14,460-23,224 lm |
| Efficacy       | 133.9-163.3 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](https://www.designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

LED Characteristics

LEDs:

Long-life, high-efficacy, 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 IESlm-80 results and TM-21 calculations

Electrical

Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz:  
160W: 120V: 1.40A, 208V: 0.80A, 240V: 0.70A, 277V: 0.65A  
130W: 120V: 1.20A, 208V: 0.70A, 240V: 0.60A, 277V: 0.55A  
100W: 120V: 0.95A, 208V: 0.55A, 240V: 0.50A, 277V: 0.50A

Dimming Driver:

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

THD:

4.93% at 120V, 7.92% at 277V

Power Factor:

99.8% at 120V, 96.6% at 277V

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

Technical Specifications (continued)

**Finish:**  
Formulated for high durability and long-lasting color

**Green Technology:**  
Mercury and UV free. RoHS-compliant components.

**Other**

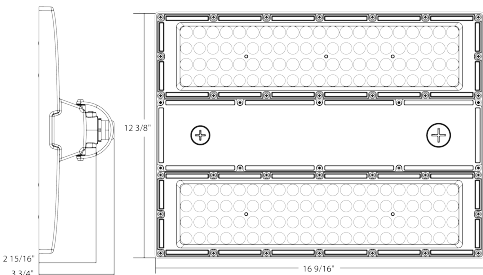
**IP Rating:**  
Ingress protection rating of IP66 & IP69K for high-pressure and high temperature cleaning

**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                                                        |                                        |                                            |               |                                                               |
|        | S = 160/130/100W<br>M = 260/220/160W<br>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<br>/480 = 480V, 0-10V Dimming |