

|                     |              |
|---------------------|--------------|
| <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        | 1.06A/0.83A/0.68A | Color          | Field Adjustable  |
| 208V        | 0.61A/0.48A/0.39A | Temp           | 3500K/4000K/5000K |
| 240V        | 0.53A/0.42A/0.34A | Color Accuracy | 82-85 CRI         |
| 277V        | 0.46A/0.36A/0.29A | L70 Lifespan   | 100,000 Hours     |
| Input Watts | 130/100/80W       | Lumens         | 12,506-19,432 lm  |
|             |                   | Efficacy       | 149.3-153.4 lm/W  |

**Technical Specifications**

**Field Adjustability**

**Field Adjustable:**

Field Adjustable Light Output:  
130W/100W/80W (factory default 130W)  
Color temperature selectable by 5000K, 4000K and 3500K (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 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-ZU7Y5J

**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 IES LM-80 results and TM-21 calculations

**Wattage Equivalency:**

Equivalent to 400W Metal Halide

**Electrical**

**Driver:**

130W: Constant Current, Class 1, 120-277V, 50/60Hz, 120V: 1.06A, 208V: 0.63A, 240V: 0.54A, 277V 0.47A  
100W: Constant Current, Class 1, 120-277V, 50/60Hz, 120V: 0.82A, 208V: 0.48A, 240V: 0.42A, 277V 0.36A  
80: Constant Current, Class 1, 120-277V, 50/60Hz, 120V: 0.66A, 208V: 0.38A, 240V: 0.33A, 277V 0.29A

**Dimming Driver:**

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

**THD:**

5.01% at 120V, 8.0% at 277V

**Power Factor:**

99.6% at 120V, 91.8% at 277V

**Surge Protection:**

L-N: 6kV  
L/N-GND: 6kV

**Construction**

**Cold Weather Starting:**

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

**Ambient Temperature :**

Max Power Temp Rating: 50°C (122°F)  
Middle Power Temp Rating: 57°C (135°F)  
Low Power Temp Rating: 63°C (145°F)

**Lens:**

Polycarbonate lens

**Reflector:**

Polycarbonate

**Housing:**

Die-cast aluminum

**Mounting:**

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

**Technical Specifications (continued)**

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

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

**Sensor Specifications**

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

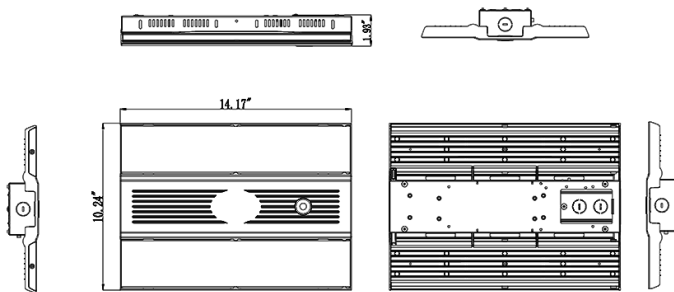
**Other**

**5 Yr 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).

**Note:**  
All values are typical (tolerance +/- 10%)

**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, limited warranty

## Ordering Matrix

| Family | Size/Wattage  | Color Temp                | Mounting             | Finish        | Voltage   | Options   |
|--------|---|---------------------------|----------------------|---------------|---|---|
| RBAY17 | S   |                           |                      |               |   |   |
|        | S = 14" (130/100/80W)<br>M = 20" (260/220/160W)<br>L = 39" (400/320/260W) | Blank = 3500K/4000K/5000K | Blank = V-Hook/Chain | Blank = White | Blank = 120-277V, 0-10V Dimming<br>/480 = 480V, 0-10V Dimming | Blank = No Option<br>/E = Battery Backup <sup>1</sup> |

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