



The ultra-economy RBAY17 high bay is offered in 3 sizes with field-adjustable wattage and CCT to give you 9 SKUs in 1.

Color: White

Weight: 5.6 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

|             |                   |
|-------------|-------------------|
| Type        | Constant Current  |
| 120V        | 1.06A/0.83A/0.68A |
| 208V        | 0.61A/0.48A/0.39A |
| 240V        | 0.53A/0.42A/0.34A |
| 277V        | 0.46A/0.36A/0.29A |
| Input Watts | 130/100/80W       |

### LED Info

|                |                   |
|----------------|-------------------|
| Watts          | 130/100/80W       |
| Color          | Field Adjustable  |
| Temp           | 3500K/4000K/5000K |
| Color Accuracy | 82-85 CRI         |
| L70 Lifespan   | 100,000 Hours     |
| 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

#### 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.](#)

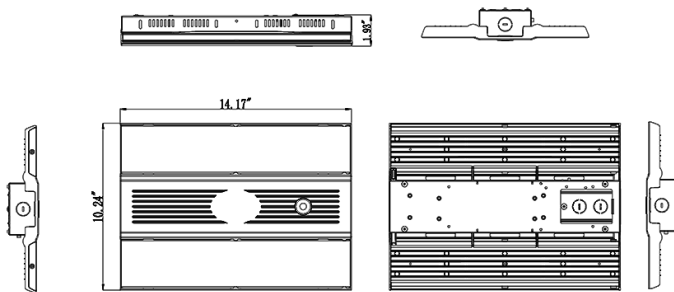
**Other**

**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