



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: 0.0 lbs

Project:

Type:

Prepared By:

Date:

### Driver Info

Type	Constant Current
120V	1.33A/1.00A/0.82A
208V	0.78A/0.60A/0.49A
240V	0.68A/0.53A/0.43A
277V	0.60A/0.47A/0.39A
Input Watts	82.2-135.1W

### LED Info

Watts	130/100/80W
Color Temp	Field Adjustable 4000/5000K
Color Accuracy	84-85 CRI
L70 Lifespan	100,000 Hours
Lumens	13335-20799 lm
Efficacy	152.8-162.2 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 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-8NRCDF

### 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

### Electrical

#### Driver:

Constant Current, Class1, 120-277V, 50/60 Hz:  
130W: 120V: 1.33A, 208V: 0.78A, 240V: 0.68A, 277V 0.60A  
100W: 120V: 1.00A, 208V: 0.60A, 240V: 0.53A, 277V 0.47A  
80W: 120V: 0.82A, 208V: 0.49A, 240V: 0.43A, 277V 0.39A

#### Dimming Driver:

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

#### THD:

5.28% at 120V, 8.36% at 277V

#### Power Factor:

99.8% at 120V, 95.8% at 277V

### Surge Protection:

L-N: 6KV  
L/N-GND: 6KV

### Construction

#### Cold Weather Starting:

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

#### Maximum Ambient Temperature:

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

#### Reflector:

Polycarbonate

#### Housing:

Die-cast aluminum

#### Finish:

Formulated for high durability and long-lasting color

#### 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).

**Technical Specifications (continued)**

**Sensor Settings**

**Remote Control Accessory:**

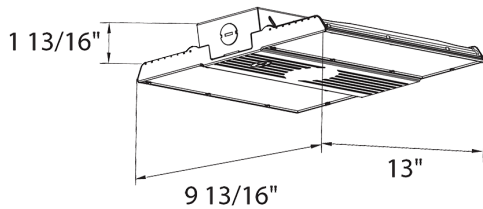
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

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

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