

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

<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 Temp	Field Adjustable 3500/4000/5000K
208V	0.61A/0.48A/0.39A	Color Accuracy	82-85 CRI
240V	0.53A/0.42A/0.34A	L70 Lifespan	100,000 Hours
277V	0.46A/0.36A/0.29A	Lumens	12,758-20,350 lm
Input Watts	79.5-135.8W	Efficacy	139.9-167 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:**

4.41% at 120V, 7.64% at 277V

**Power Factor:**

99.83% at 120V, 95.82% at 277V

**Battery Backup:**

Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

**Battery Backup Light Loss Factor:**

0.07

**Surge Protection:**

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

**Construction**

**Maximum Ambient Temperature:**

Suitable for use in up to 60°C (140°F)

**Lens:**

Polycarbonate lens

**Reflector:**

Polycarbonate

**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.

**Installation**

**Mounting:**

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

**Sensor Settings**

**Remote Control Accessory:**

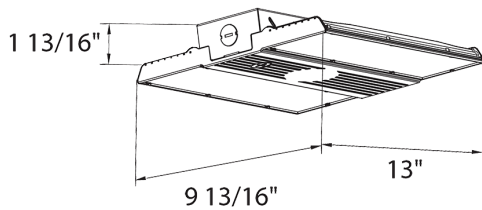
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

**Other**

**5 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).

**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	S M = 20" (260/220/160W) L = 30" (400/320/260W) S = 14" (130/100/80W)	Blank = 3500/4000/5000K	Blank = V-Hook/Chain	Blank = White	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	/E /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