

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 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 to confirm the qualification status of a specific SKU prior to specification or purchase.

LED Characteristics

LEDs:

Long-life, high-efficiency, 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 IESIm-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: 10 kV
L/N-GND: 6 kV

Battery Backup:

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

Battery Backup Light Loss Factor:

130W: 6.66%
100W: 8.36%
80W: 10.58%

Construction

Cold Weather Starting:

The minimum starting temperature is 32°F/0°C

Maximum Ambient Temperature w/Battery Backup:

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

Reflector:

Polycarbonate

Technical Specifications (continued)

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).

Sensor Settings

Remote Control Accessory:

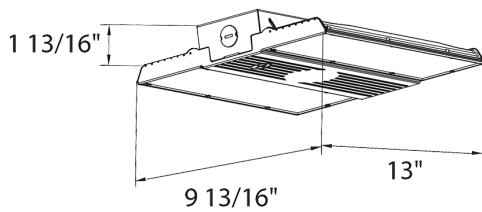
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

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.

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 | | | | /E |
| | 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 Backup /LCBS = Lightcloud Blue w/PIR Sensor /E = Battery Backup ¹ Blank = No Option |

¹ Available only for 120-277V models