

RBAY17M/E/8CP2



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: 9.9 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

| | |
|-------------|-------------------|
| Type | Constant Current |
| 120V | 2.21A/1.83A/1.33A |
| 208V | 1.25A/1.06A/0.77A |
| 240V | 1.08A/0.79A/0.58A |
| 277V | 0.94A/0.79A/0.58A |
| Input Watts | 158.9-256.6W |

LED Info

| | |
|----------------|-------------------------------------|
| Watts | 260/220/160W |
| Color Temp | Field Adjustable 3500/4000/5000K |
| Color Accuracy | 81-84 CRI |
| L70 Lifespan | 100,000 Hours |
| Lumens | 25,587-39,200 lm |
| Efficacy | 144.2-166.4 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
260W/220W/160W (factory default 260W)
Color temperature selectable by 3500K, 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

Wattage Equivalency:

Equivalent to 750W Metal Halide

Electrical

Driver:

260W: Constant Current, Class 1, 120-277V, 50/60Hz, 120V: 2.20A, 208V: 1.25A, 240V: 1.08A, 277V 0.94A
220W: Constant Current, Class 1, 120-277V, 50/60Hz, 120V: 1.82A, 208V: 1.06A, 240V: 0.92A, 277V 0.79A
160W: Constant Current, Class 1, 120-277V, 50/60Hz, 120V: 1.31A, 208V: 0.77A, 240V: 0.67A, 277V 0.58A

Dimming Driver:

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

THD:

4.51% at 120V, 7.97% at 277V

Power Factor:

99.85% at 120V, 95.72% 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:

0.062

Surge Protection:

L-N: 6 kV
L/N-PE: 6 kV

Construction

Maximum Ambient Temperature:

Suitable for use in up to 140°F(60°C)

Lens:

Polycarbonate lens

Reflector:

Polycarbonate



Technical Specifications (continued)

Housing:

Die-cast aluminum

Cord & Plug:

8 ft cord and NEMA 7-15P plug for 277V only

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:

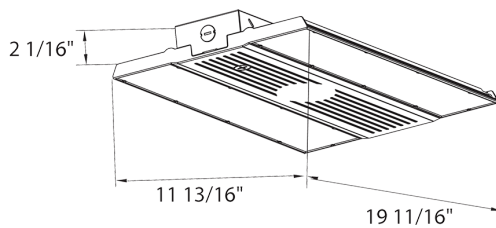
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

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 | M | | | | | /E/8CP2 |
| | 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 ¹ Blank = No Option |

¹ Available only for 120-277V models