

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: 17.9 lbs

| | |
|---------------------|--------------|
| Project: | Type: |
| Prepared By: | Date: |

| Driver Info | | LED Info | |
|-------------|-------------------|----------------|-------------------------------------|
| Type | Constant Current | Watts | 400/320/260W |
| 120V | 3.42A/2.67A/2.17A | Color Temp | Field Adjustable 3500/4000/5000K |
| 208V | 1.92A/1.54A/1.25A | Color Accuracy | 82-84 CRI |
| 240V | 1.67A/1.33A/1.08A | L70 Lifespan | 100,000 Hours |
| 277V | 1.45A/1.16A/0.94A | Lumens | 39,067-58,737 lm |
| Input Watts | 254.8-390.4W | Efficacy | 140.3-160 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
400W/320W/260W (factory default 400W)
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:

1000W Metal Halide

Electrical

Driver:

400W: Constant Current, Class 1, 120-277V, 50/60Hz,
120V: 3.42A, 208V: 1.92A, 240V: 1.67A, 277V 1.45A
320W: Constant Current, Class 1, 120-277V, 50/60Hz,
120V: 2.66A, 208V: 1.54A, 240V: 1.33A, 277V 1.16A
260W: Constant Current, Class 1, 120-277V, 50/60Hz,
120V: 2.20A, 208V: 1.25A, 240V: 1.08A, 277V 0.94A

Dimming Driver:

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

THD:

4.86% at 120V, 11.2% at 277V

Power Factor:

99.75% at 120V, 93.84% at 277V

Surge Protection:

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

Construction

Cold Weather Starting:

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

Ambient Temperature :

Max Power Temp Rating: 122°F (50°C)
Middle Power Temp Rating: 56°C (133°F)
Low Power Temp Rating: 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:

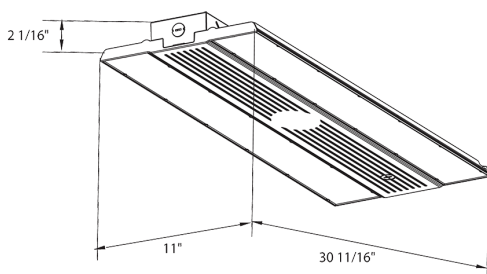
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

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 | L 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 | /8CP2 /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