



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

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

| 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

Surge Protection:

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

Construction

Cold Weather Starting:

The minimum starting temperature is -20°C (-4°F)

Ambient Temperature :

Max Power Temp Rating: 50°C (122°F)
Middle Power Temp Rating: 57°C (135°F)
Low Power Temp Rating: 63°C (145°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:

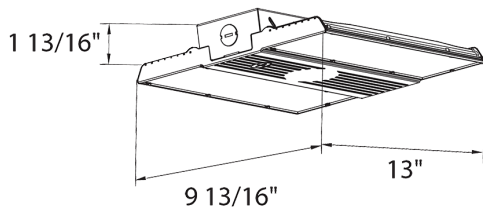
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

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.

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/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