



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	N/A	Color Temp	Field Adjustable 3500/4000/5000K
208V	N/A	Color Accuracy	82-85 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	12,301-20,502 lm
Input Watts	80.4-131.3W	Efficacy	146.6-160 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
130W/100W/80W (factory default 130W)
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 400W Metal Halide

Electrical

Driver:

130W: Constant Current, Class 1, 480V, 50/60Hz, 480V: 0.27A
100W: Constant Current, Class 1, 480V, 50/60Hz, 480V: 0.21A
80: Constant Current, Class 1, 480V, 50/60Hz, 480V: 0.17A

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

Surge Protection:

L-N: 10 kV
L/N-GND: 6 kV

Construction

Cold Weather Starting:

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

Maximum Ambient Temperature:

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

Lens:

Polycarbonate lens

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:

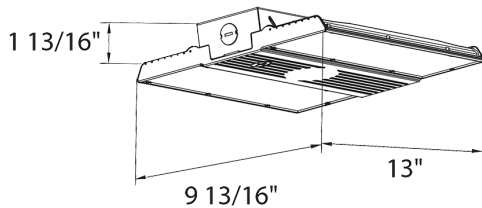
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

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	S				/480	
	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