RBAY17S



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

Type	Constant Current
120V	1.06A/0.83A/0.68A
208V	0.61A/0.48A/0.39A
240V	0.53A/0.42A/0.34A
277V	0.46A/0.36A/0.29A
Input Watts	79.5-135.8W

LED Info

Watts	130/100/80W
Color Temp	Field Adjustable 3500/4000/5000K
Color Accuracy	82-85 CRI
L70 Lifespan	100,000 Hours
Lumens	12,758-20,350 lm
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 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-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 IESlm-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: 6 kV
L/N-PE: 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

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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).

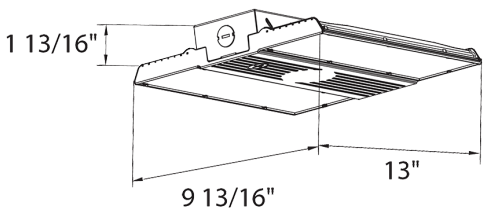
Sensor Settings

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

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RBAY17S

Ordering Matrix

Family	Size/Wattage	Color Temp	Mounting	Finish	Driver	Options
RBAY17	S					
	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*

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