RBAY17SHO/E

RAB

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	1.33A/1.00A/0.82A
208V	0.78A/0.60A/0.49A
240V	0.68A/0.53A/0.43A
277V	0.60A/0.47A/0.39A
Input Watts	82.2-135.1W

LED Info

Watts	130/100/80W
Color Temp	Field Adjustable 4000/5000K
Color Accuracy	84-85 CRI
L70 Lifespan	100,000 Hours
Lumens	13335-20799 lm
Efficacy	152.8-162.2 lm/W

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: 0.0 lbs

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
130W/100W/80W (factory default 130W)
Color temperature selectable by 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 IESNAlm-79 andlm-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-8NRCDF

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

Electrical

Driver:
Constant Current, Class1, 120-277V, 50/60 Hz:
130W: 120V: 1.33A, 208V: 0.78A, 240V: 0.68A, 277V 0.60A
100W: 120V: 1.00A, 208V: 0.60A, 240V: 0.53A, 277V 0.47A
80W: 120V: 0.82A, 208V: 0.49A, 240V: 0.43A, 277V 0.39A

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

THD:
5.28% at 120V, 8.36% at 277V

Power Factor:
99.8% at 120V, 95.8% at 277V

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

Battery Backup:
Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V.

Battery Backup Light Loss Factor:
130W: 6.66%
100W: 8.36%
80W: 10.58%

Construction

Cold Weather Starting:
The minimum starting temperature is 0°C (32°F)

Maximum Ambient Temperature w/Battery Backup:
Suitable for use in up to 113°F (45°C)

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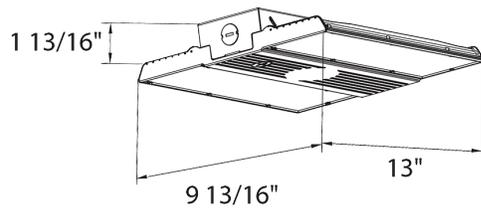Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. Remote control available here.

Other
5-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

1 13/16"

9 13/16"

13"

Features

100,000-Hour LED lifespan

DLC Premium Listed

0-10V dimming, standard

5-Year, limited warranty

RBAY17SHO/E

Ordering Matrix

Family	Size/Wattage	Color Temp	Mounting	Finish	Driver	Options
RBAY17	SHO	Blank				/E

	Size/Wattage	Color Temp	Mounting	Finish	Driver	Options
	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*

Need help? Tech help line: **(888) 722-1000** Email: **techsupport@rablighting.com** Website: **www.rablighting.com**

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