

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	130/100/80W
120V	N/A	Color	Field Adjustable
208V	N/A	Temp	5000K/4000K/3500K
240V	N/A	Color Accuracy	82-85 CRI
277V	N/A	L70 Lifespan	100,000 Hours
Input Watts	130/100/80W	Lumens	11,732-18,870 lm
		Efficacy	142.2-148 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 rated

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-GXE4FJ

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

7.3% at 480V

Power Factor:

96.2% at 480V

Surge Protection:

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

Technical Specifications (continued)

Construction

Cold Weather Starting:

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

Maximum Ambient Temperature:

Suitable for use in up to 50°C (122°F)

Lens:

Polycarbonate lens

Reflector:

Polycarbonate

Housing:

Die-cast aluminum

Mounting:

Comes standard with V-hooks for chain mounting. Accessories available for pendant and surface mounting (purchased separately).

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

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.

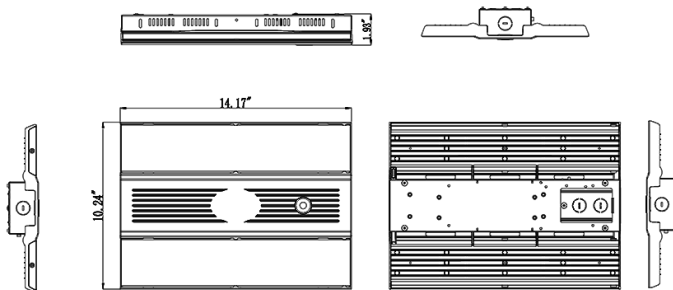
Note:

All values are typical (tolerance +/- 10%)

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



Features

- 100,000-Hour LED lifespan
- DLC Premium Listed
- 0-10V dimming standard
- 5-Year, Limited Warranty

Ordering Matrix

Family	Size/Wattages	Color Temp	Mounting	Finish	Voltage	Options
RBAY17	S				/480	
	S = 14" (130/100/80W) M = 20" (260/220/160W) L = 39" (400/320/260W)	Blank = 5000K/4000K/3500K	Blank = V-Hook/Chain	Blank = White	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = No Option /E = Battery Backup ¹

¹ Available only for 120-277V models