

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	130/100/80W
120V	1.06A/0.83A/0.68A	Color	Field Adjustable
208V	0.61A/0.48A/0.39A	Temp	5000K/4000K/3500K
240V	0.53A/0.42A/0.34A	Color Accuracy	82-85 CRI
277V	0.46A/0.36A/0.29A	L70 Lifespan	100,000 Hours
Input Watts	130/100/80W	Lumens	12,506-19,432 lm
		Efficacy	149.3-153.4 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:**

5.01% at 120V, 8.0% at 277V

**Power Factor:**

99.6% at 120V, 91.8% at 277V

**Surge Protection:**

L-N: 6kV  
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](http://rablighting.com/warranty).

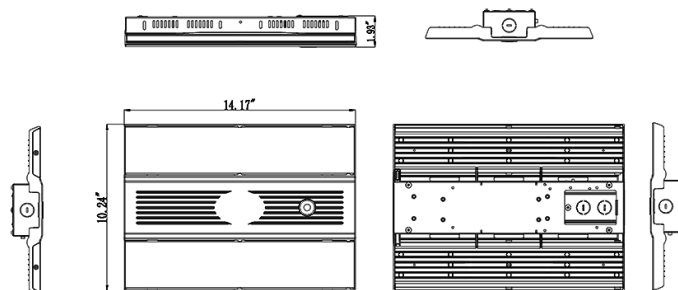
Note:

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/Wattage	Color Temp	Mounting	Finish	Voltage	Options
RBAY17	S 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 <sup>1</sup>

<sup>1</sup> Available only for 120-277V models