



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

Driver Info		LED Info	
Type	Constant Current	Watts	10/8/06W
120V	0.05A/0.06A/0.08A	Color Temp	3500K/4000K/5000K
208V	0.04A/0.05A	Color Accuracy	83-85 CRI
240V	0.03A/0.04A/0.05A	L70 Lifespan	100,000 Hours
277V	0.03A/0.04A	Lumens	881-1558 lm
Input Watts	6.4-10.4W	Efficacy	137.6-152.8 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable:**

Field Adjustable Light Output:  
10/8/6W (factory default 10W)  
Color temperature selectable by 3500/4000/5000  
(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.

**CCEA Compliant:**

Luminaire Requirements used in Environmental Air Space per the electrical code specification of the City of Chicago

**Trade Agreements Act Compliant:**

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

**DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.  
DLC Product Code: S-LHRY68

**LED Characteristics**

**LEDs:**

Long-life, high-efficiency, discrete, surface-mount LEDs

**Color Consistency:**

4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

**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

**Electrical**

**Driver:**

Constant Current, Class 2, 120-277V, 50/60 Hz:  
10W: 120V: 0.083A, 208V: 0.048A, 240V: 0.042A, 277V: 0.036A  
8W: 120V: 0.667A, 208V: 0.038A, 240V: 0.333A, 277V: 0.029A  
6W: 120V: 0.050A, 208V: 0.029A, 240V: 0.025A, 277V: 0.022A

**Dimming Driver:**

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

**THD:**

6.37% at 120V, 10.43% at 277V

**Power Factor:**

99.4% at 120V, 92.4% at 277V

**Aux Power Supply:**

Yes

**Dim to Off:**

Yes

**Surge Protection:**

DM: 1 kV  
CM: 2 kV

**Construction**

**Cold Weather Starting:**

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

**Maximum Ambient Temperature:**

Suitable for use in up to 104°F (40°C)

**Lens:**

Polycarbonate lens

## Technical Specifications (continued)

**Housing:**

Metal

**Reflector:**

Metal

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**Finish:**

Formulated for high durability and long-lasting color

### Installation

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**Mounting:**

Surface mounting standard. V-Hooks and Chain mounting available (ordered separately, SR VHOOK KIT).

### Lightcloud

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**Lightcloud Blue Sensor Installed:**

Lightcloud Blue is a Bluetooth Mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - N1XMLOEATBA (Interior);  
NHCZ2BIA17L (Exterior)

Learn more at  
[www.rablighting.com/feature/new-lightcloud-blue](http://www.rablighting.com/feature/new-lightcloud-blue).

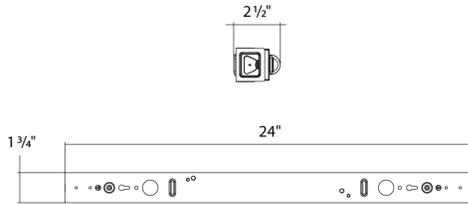
### Other

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**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](http://rablighting.com/warranty).

Dimensions



Features

- 100,000-Hour LED lifespan
- 120-277V standard
- 0-10V dimming, standard
- 5-Year, limited warranty

Ordering Matrix

Family	Size/Wattage	Color Temp	Finish	Driver	Controls	Battery Backup
STRP	2				/LCBS	
	2 = 2 ft, 10/8/6W 2H = 2 ft, 20/15/10W 4 = 4 ft, 20/15/10W 4H = 4 ft, 40/30/20W	Blank = 3500/4000/5000K CCT Adjustable	Blank = White	Blank = 120-277V, 0-10V Dimming	Blank = None /MVS = Microwave Occupancy Sensor /PIR = Passive Infrared Occupancy Sensor /LCBS = Lightcloud Blue w/PIR Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor	Blank = None /E = Battery Backup <sup>1</sup>

<sup>1</sup> Only available for 4 ft models