



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

Driver Info		LED Info	
Type	Constant Current	Watts	50/40/30W
120V	0.42A/0.33A/0.25A	Color Temp	3500/4000/5000K
208V	0.24A/0.19A/0.14A	Color Accuracy	84-85 CRI
240V	0.21A/0.17A/0.13A	L70 Lifespan	100,000 Hours
277V	0.18A/0.14A/0.11A	Lumens	4,297-6,892 lm
Input Watts	28.7-48.7W	Efficacy	135.9-155 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable:**

Field Adjustable Light Output:  
50W/40W/30W (factory default: 50W)  
Color Temperature Selectable:  
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.

**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-WBY940

**Electrical**

**Driver:**

Constant Current, Class II, 120-277V, 50/60 Hz:  
50W: 120V: 0.42A, 208V: 0.24A, 240V: 0.21A, 277V: 0.18A  
40W: 120V: 0.33A, 208V: 0.19A, 240V: 0.17A, 277V: 0.14A  
30W: 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A

**Dimming Driver:**

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

**THD:**

2.14% at 120V, 2.70% at 277V

**Power Factor:**

99.83% at 120V, 96.67% at 277V

**Surge Protection:**

Ringwave LN4 kV/LN-GND 4 kV

**Aux Power Supply:**

Yes

**Dim to Off:**

Yes

**LED Characteristics**

**LEDs:**

Long-life, high-efficacy, 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 IESIm-80 results and TM-21 calculations

**Construction**

**Maximum Ambient Temperature:**

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

**Cold Weather Starting:**

The minimum starting temperature is -40°F (-40°C)

**Housing:**

Aluminium extrusion

**Lens:**

Polycarbonate lens

**Technical Specifications (continued)**

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**Installation**

**Mounting:**

Surface mount, ceiling or wall. Knockouts on sides and back.

**Sensor Settings**

**Ultrasonic Sensor:**

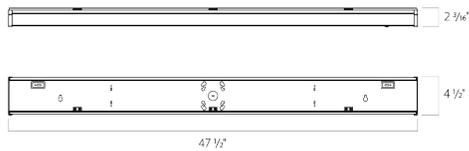
Detects the presence of people by sending ultrasonic sound waves and measuring frequency changes caused by movement. They cover the entire space and don't need a line of sight. As a result, they can detect people behind obstacles and are ideal for stairwells in which a line sight is not always possible, and higher levels of sensitivity are required.

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

**Dimensions**



**Features**

- 100,000-hour LED Life
- DLC Premium Listed
- 0-10V dimming standard
- 5-Year, no-compromise warranty

Ordering Matrix

Family	Wattage	Color Temp	Driver	Finish	Controls	Battery Backup
TSLED	4				/US	
	2 = 25/20/15W 4 = 50/40/30W	Blank = 3500/4000/5000K CCT Adjustable	Blank = 120-277V, 0-10V Dimming	Blank = White	/LC = Lightcloud /LCBS/US = Lightcloud Blue Ultrasonic Sensor /US = Ultrasonic Sensor & Bi- Level Operation /LCB = Lightcloud Blue Blank = No Option	Blank = None /E = Battery Backup