



Project:	Type:
Prepared By:	Date:

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

Battery Backup:

Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

Battery Backup Light Loss Factor:

50W: 0.08
40W: 0.10
30W: 0.13

Aux Power Supply:

Yes

Dim to Off:

Yes

LED Characteristics

LEDs:

Long-life, high-efficiency, 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

Construction

Maximum Ambient Temperature w/Battery Backup:

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

Cold Weather Starting:

The minimum starting temperature is 0°C (32°F)

Housing:

Aluminium extrusion

Technical Specifications (continued)

Lens:
Polycarbonate lens

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.

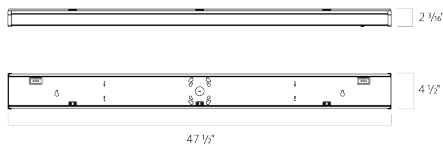
Sensor Settings

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.

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	/E
	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