



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant	Watts	44/33/22W
120V	0.38A/0.28A/0.18A	Color Temp	3500/4000/5000K
208V	0.24A/0.19A/0.014A	Color Accuracy	84-85 CRI
240V	0.21A/0.16A/0.11A	L70 Lifespan	100,000 Hours
277V	0.16A/0.13A/0.09A	Lumens	3,105-6,191 lm
Input Watts	22.5-45.1W	Efficacy	134.8-145.3 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
4ft: 40/30/20(factory default 40W)
Color temperature selectable by 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.

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 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-B8YJDF

Electrical

Driver:

44W: Class P, Constant Current, 120-277V, 50/60 Hz,
120V: 0.38A, 208V: 0.24A, 240V: 0.21A, 277V: 0.16A

33W: Class P, Constant Current, 120-277V, 50/60 Hz,
120V: 0.28A, 208V: 0.19A, 240V: 0.16A, 277V: 0.13A

22W: Class P, Constant Current, 120-277V, 50/60 Hz,
120V: 0.18A, 208V: 0.14A, 240V: 0.11A, 277V: 0.09A

Dimming Driver:

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

THD:

5.82% at 120V, 9.99% at 277V

Power Factor:

99.7% at 120V, 96.2% at 277V

Surge Protection:

DM: 1Kv

CM: 2Kv

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

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.

Construction

Cold Weather Starting:

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

Maximum Ambient Temperature:

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

Housing:

Sustainable, biocomposite resin manufactured with coffee chaff, waste seashells, and recycled plastic.

Reflector:

Refractive Lens

Lens:

Diffused Polymethyl Methacrylate (PMMA)

Finish:

Naturally occurring, beige, speckled pattern

Technical Specifications (continued)

Green Technology:

Mercury free. Made with RoHS-compliant components and biorenewable components.

Installation

Mounting:

Surface mount and VHOOKs standard. Fixtures designed for end to end connection. Through wiring kit not included.

Sensor Settings

Operating Voltage:

DC Input: 10.5-15V
Current>50mA

Operating Temperature:

Ta: -31° F (-35° C)* ~ +122° F(+50° C)

Sensor Warranty:

5-year sensor warranty

Sensitivity Setting:

25%/50%/75%/100%

Standby Period:

0s/10s/30s/1min/5min/10min/30min/60min/+∞

Daylight:

2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

Hold Time:

5s/30s/1min/3min/5min/10min/20min/30min

Standby Dimming:

10%/20%/30%/50%

Detection Angle:

30° to 150° without glass cover

Detection Distance:

Radius 9.84-22.96ft(3-7m)

Mounting Height:

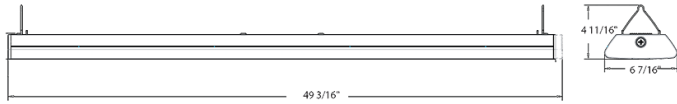
Max 49ft.(15m)

Other

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Dimensions



Features

- Affordable, easy to use LED wrap fixture
- 0-10V dimming, standard
- 100,000-Hour LED lifespan

Ordering Matrix

Family	Size (Wattage)	Color Temp	Finish	Driver	Options
CW	4				/MVS
	2 = 2 ft (22/17/11W) 4 = 4 ft (44/33/22W)	Blank = 3500/4000/5000K CCT Adjustable	Blank = Seashell	Blank = 120-277V, 0-10V Dimming	Blank = No Option /E = Battery Backup /MVS = Microwave Occupancy Sensor /MVS/E = Microwave Occupancy Sensor w/Battery Backup