



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

| Driver Info |                    | LED Info       |                   |
|-------------|--------------------|----------------|-------------------|
| Type        | Constant           | Watts          | 44/33/22W         |
| 120V        | 0.38A/0.28A/0.18A  | Color Temp     | 3500K/4000K/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)

## Technical Specifications (continued)

**Mounting:**

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

**Finish:**

Naturally occurring, beige, speckled pattern

**Green Technology:**

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

**Sensor Specifications****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)

**Remote Control:**

Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

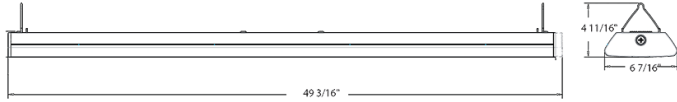
**Other****Warranty:**

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

**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**

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

**Ordering Matrix**

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