



Color: Seashell

Weight: 8.9 lbs

<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	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:  
4 ft: 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 family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

**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: 1 kV  
CM: 2 kV

**Battery Backup:**

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

**Battery Backup Light Loss Factor:**

44W: 0.36  
33W: 0.48  
22W: 0.72

**Performance**

**Lifespan:**

100,000-Hour LED lifespan based on IESIm-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**

**Maximum Ambient Temperature:**

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

**Housing:**

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

**Reflector:**

Refractive Lens

## Technical Specifications (continued)

**Lens:**

Diffused Polymethyl Methacrylate (PMMA)

**Finish:**

Naturally occurring, beige, speckled pattern

**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 9.84-22.96 ft (3-7m)

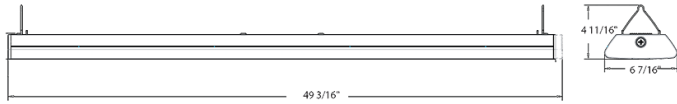
**Mounting Height:**

Max 49 ft. (15m)

**Other****5-Year, No-Compromise 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).

**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/E
	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