



Color: Seashell

Weight: 3.8 lbs

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

Driver Info		LED Info	
Type	Constant Current	Watts	36/27/18W
120V	0.31A/0.22A/0.15A	Color Temp	3500/4000/5000K
208V	0.18A/0.13A/0.09A	Color Accuracy	84-86 CRI
240V	0.15A/0.12A/0.08A	L70 Lifespan	100,000 Hours
277V	0.13A/0.10A/0.07A	Lumens	2,748-5,487 lm
Input Watts	17.7-36.5W	Efficacy	145.6-157.2 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable:**

Field Adjustable Light Output:  
4 ft: 36W/27W/18W (factory default 36W)  
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.

**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:**

36W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.31A, 208V: 0.18A, 240V: 0.15A, 277V: 0.13A  
27W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.22A, 208V: 0.13A, 240V: 0.12A, 277V: 0.10A  
18W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.15A, 208V: 0.09A, 240V: 0.08A, 277V: 0.07A

**Dimming Driver:**

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

**THD:**

5.93% at 120V, 11.83% at 277V

**Power Factor:**

99.6% at 120V, 96.9% at 277V

**Surge Protection:**

DM: 1 kV  
CM: 2 kV

**Performance**

**Lifespan:**

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

**Wattage Equivalency:**

36W: Replaces up to (2) F32T8  
27W: Replaces up to (2) F32T8  
18W: Replaces up to (1) F32T8

**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 -4°F (-20°C)

**Maximum Ambient Temperature:**

Suitable for use in up to 122°F (50°C)

**Housing:**

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

**Lens:**

Acrylic lens

**Technical Specifications (continued)****Finish:**

Naturally occurring, beige, speckled pattern

**Green Technology:**

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

**Installation****Mounting:**

Surface and suspended mount standard. End-to-end connections require conduit wiring.

**Optical****BUG Rating:**

CS4 100%: B2 U3 G1

CS4 75%: B2 U3 G1

CS4 50%: B1 U2 G1

**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)

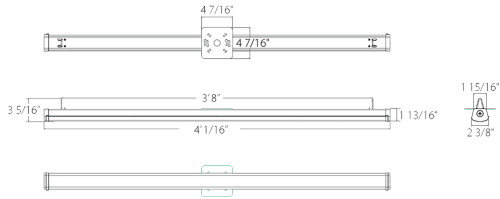
**Mounting Height:**

Max 49 ft.(15m)

**Other****5-Year 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

- 0-10V Dimming, standard
- 100,000-hour LED lifespan
- 5-Year, limited warranty

Ordering Matrix

Family	Size/Wattage	Color Temp	Finish	Driver	Options
CS	4				/MVS
	4 = 4' (36/27/18W) 8 = 8' (88/64/42W)	Blank = 3500/4000/5000K	Blank = Seashell	Blank = 120-277V, 0-10V	Blank = No Option /E = Battery Backup /MVS = Microwave Occupancy Sensor /LCB = Lightcloud Blue /LCBS = Lightcloud Blue w/PIR Sensor