



Color: Seashell

Weight: 3.8 lbs

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

**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 is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.  
DLC Product Code: S-J4GC14 (Low-Bay Luminaires for Commercial and Industrial Buildings)  
DLC Product Code: S-LM3YLG (Direct Linear Ambient Luminaires)

**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: 1Kv  
CM: 2Kv

**Performance**

**Lifespan:**

100,000-Hour LED lifespan based on IES LM-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 -20°C (-4°F)

**Maximum Ambient Temperature:**

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

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

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

#### Mounting Height:

Max 49ft.(15m)

### Other

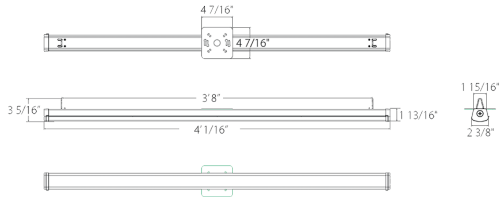
#### 5 Yr Limited Warranty:

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).

#### 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

- 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