



Color: Seashell

Weight: 3.8 lbs

Project:

Type:

Prepared By:

Date:

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)

Lightcloud

Lightcloud Blue Sensor Installed:

Lightcloud Blue is a Bluetooth Mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - N1XMLOEATBA (Interior);  
NHCZ2BIA17L (Exterior)

Learn more at [www.lightcloud.com](http://www.lightcloud.com).

Gateway Required:

No

Communication Protocol:

Bluetooth Mesh

Range:

Indoor: Up to 60 feet between standard building materials. Building materials such as brick, concrete, and steel construction may require additional Lightcloud Blue devices to extend around an obstruction; Up to 200 feet clear line of sight.

Outdoor: Up to 60 feet clear line of sight; Up to 18 feet around corners

Spacing Criteria:

Lightcloud Blue devices should be placed within the specified range to communicate within the Bluetooth Mesh network.

Factory Reset:

Method 1: Delete from App  
Open the app and access the device settings for the paired device. Be sure that the device is online and select 'Delete from Site'. The device will flash on/off 5 times and return to full brightness.

Method 2: Manual  
Power the device off and on 5x consecutively. Do not allow less than 4s to elapse from switching off to on. Do not allow more than 2s to elapse from switching on to off. The device will flash 3x, then reset to 100% brightness at default CCT.

Method 3: Rapid Reset Tool  
The Rapid Reset process must be done by a professional electrician qualified by RAB. Reach out to your RAB sales manager to request a Rapid Reset Tool. The tool simply needs to be placed directly on the small Lightcloud Blue logo on the device for 2s or until the lamp/luminaire flashes 3x, then resets to 100% brightness at the default CCT.

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.



## Technical Specifications (continued)

### 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

#### 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

### Other

#### 5 Yr Limited Warranty:

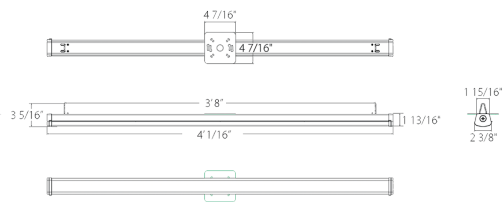
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

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