



Color: White

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	25/20/15W
120V	0.21A/0.17A/0.13A	Color Temp	3500/4000/5000K
208V	0.12A/0.10A/0.07A	Color Accuracy	83-84 CRI
240V	0.10A/0.08A/0.06A	L70 Lifespan	100,000 Hours
277V	0.09A/0.07A/0.05A	Lumens	2,120-3,500 lm
Input Watts	15.4-24.7W	Efficacy	130.5-146.4 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable:**

Field Adjustable Light Output:  
25W/20W/15W (factory default: 25W)  
Color Temperature Selectable:  
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 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-LC3CGF

**Electrical**

**Driver:**

Constant Current, Class II, 120-277V, 50/60 Hz:  
25W: 120V: 0.21A, 208V: 0.12A, 240V: 0.10A, 277V: 0.09A  
20W: 120V: 0.17A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A  
15W: 120V: 0.13A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A

**Dimming Driver:**

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

**THD:**

2.43% at 120V, 2.79% at 277V

**Power Factor:**

99.77% at 120V, 96.29% at 277V

**Surge Protection:**

Ringwave LN4 kV/LN-GND 4 kV

**Aux Power Supply:**

Yes

**Dim to Off:**

Yes

**LED Characteristics**

**LEDs:**

Long-life, high-efficacy, 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.

**Performance**

**Lifespan:**

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

**Construction**

**Maximum Ambient Temperature:**

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

**Cold Weather Starting:**

The minimum starting temperature is -40°F (-40°C)

**Housing:**

Aluminium extrusion

**Lens:**

Polycarbonate lens

**Technical Specifications (continued)**

**Finish:**  
Formulated for high durability and long-lasting color

**Green Technology:**  
Mercury and UV free. RoHS-compliant components.

**Installation**

**Mounting:**  
Surface mount, ceiling or wall. Knockouts on sides and back.

**Sensor Settings**

**Ultrasonic Sensor:**  
Detects the presence of people by sending ultrasonic sound waves and measuring frequency changes caused by movement. They cover the entire space and don't need a line of sight. As a result, they can detect people behind obstacles and are ideal for stairwells in which a line sight is not always possible, and higher levels of sensitivity are required.

**Lightcloud**

**Lightcloud Blue:**  
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 - Interior: N1XMLOEATBA; Exterior: NHCZ2BIA17L

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

**Gateway Required:**  
No

**Communication Protocol:**  
Bluetooth Mesh

**Range:**  
Up to 60 ft 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 ft clear line of sight (varies by device).

**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'.  
Method 2: 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 side of the device for 2s or until the fixture flashes 3x, then resets to 100% brightness.

**Input Voltage:**  
12VDC

**Operating Frequency:**  
50/60Hz

**Input Current @ 12V (mA):**  
30mA

**Operating Temperature:**  
-40°F to 140°F (-20°C to 60°C)

**Dimmable:**  
Yes, when connected to a compatible 0-10V driver

**Max Mounting Height:**  
50 ft

**Detection Range:**  
50 ft diameter mounted at 50 ft

**Sensor Technology:**  
Microwave (MVS)

**Default Setting:**  
Uncommissioned State:  
Motion Sensitivity: High  
Brightness when triggered: 100%  
Hold time: 1 minute  
Standby to dim: 20%  
Standby time: 1 minute  
When vacant: Off

Commissioned State:  
Motion Sensitivity: High  
Brightness when triggered: Last on status  
Hold time: 20 minutes  
When vacant: Off

**Sensing Type:**  
Occupancy or Vacancy

**Occupied Actions:**  
On or On at a Dim Level

**Vacant Options:**  
Off or On at a Dim Level

**Occupancy Timeout:**  
1 minute to 240 minutes

**Daylight Sensing:**  
The sensor will determine to trigger the light(s) on or not based on the daylight threshold level set in the Lightcloud Blue mobile app.

**Daylight Threshold:**  
150 lux to 1500 lux

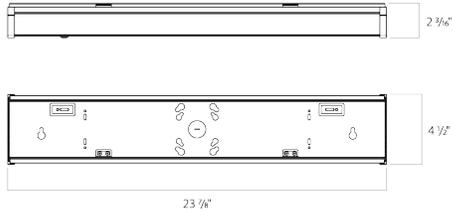
**Environment:**  
Suitable for dry, damp, or wet environments in indoor applications

**IP Rating:**  
IP65

**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

- 100,000-hour LED Life
- DLC Premium Listed
- 0-10V dimming standard
- 5-Year, no-compromise warranty