



The Controller is the basic building block of the Lightcloud system. Use it for switching and 0-10V dimming. Deploy it for power management. Or simply use it to extend the range of your Lightcloud mesh network.

Color: White

Weight: 0.4 lbs

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

## Technical Specifications

### Compliance

**UL Listed:**

Suitable for indoor and outdoor use.

**Plenum Rated**

**IP Rating:**

Ingress protection rating of IP66 for dust and water

### Electrical

**Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Can dim as low as 1%. Actual dimming range is defined by driver.

**Installation:**

All Lightcloud components should be installed by a licensed electrician in accordance with local codes.

**Input Voltage:**

347/480VAC

**Frequencies:**

50/60 Hz

**Electrical Ratings:**

10ma @ 347VAC

10ma @ 480VAC

**Load Switching Capacity:**

LED, magnetic 347VAC, 2A

LED, magnetic 480VAC, 2A

**Wireless Range**

**Obstructions:**

100 feet

**Line of Sight:**

1000 feet

### Construction

**Operating Temperature Range:**

-40°C to 60°C

**Storage Temperature Range:**

-40°C to 80°C

**Maximum Relative Humidity:**

85%

**Mounting:**

Junction box for both indoor or outdoor. Lighting panel, trough or fixture.

**Wire Gauge:**

3x6 in 18AWG 600V

3x12 in 22AWG 600V

### Other

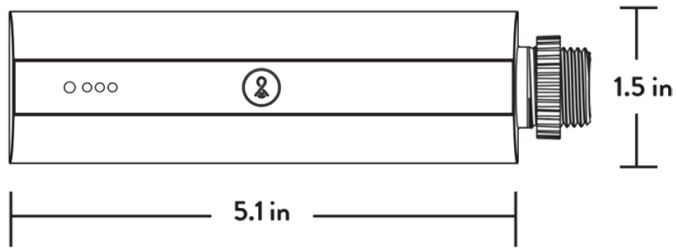
**Warranty:**

10-year full hardware warranty with 100% repair/replacement coverage for all properly installed devices. See [Lightcloud Warranty Terms](#).

**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

- Wireless switching, 0-10V dimming, and power monitoring for 480V applications up to 2A
- Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD
- Cylindrical design for easy installation at threaded junction boxes
- Cloud-based management - no software to install or maintain
- Connects to Lightcloud Gateway and other Lightcloud devices
- Connects via a secure, encrypted, and self-healing 2.4 GHz wireless mesh network
- Repeater Mode to extend range of wireless mesh network
- If power to Controller is lost, notification is shown in the Lightcloud application
- If communication is lost, Controller can fall back to a customizable emergency state