



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: Black

Weight: 0.4 lbs

Project:

Type:

Prepared By:

Date:

Technical Specifications

Compliance

UL Listed:

Suitable for indoor and outdoor use.

Plenum Rated

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

Construction

IP Rating:

Ingress protection rating of IP66 for dust and water

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

Wireless Range

Obstructions:

100 feet

Technical Specifications (continued)

Wireless Range

Line of Sight:

1000 feet

Other

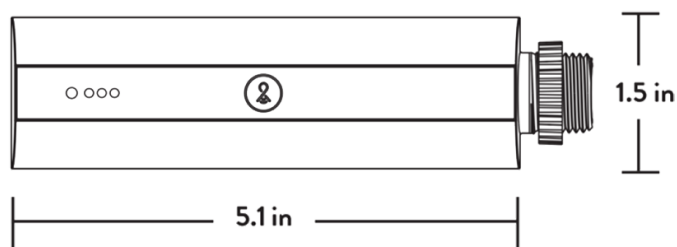
Warranty:

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