

Project:

Type:

Prepared By:

Date:

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

## Technical Specifications

### Compliance

**UL Listed:**

Suitable for indoor and outdoor use. Suitable for wet and damp locations.

**Plenum Rated**

**IP Rating:**

Ingress protection rating of IP66 for dust and water

### Electrical

**Installation:**

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

**Input:**

120-277VAC, 50/60Hz  
<2W (Standby - 4W Active)

**Maximum Switched Load Ratings:**

For Control of Magnetic, Electronic Ballast or LED  
277VAC: 20A Magnetic/Resistive  
240VAC: 5A Tungsten/Electronic, 20A FLA/60 LRA, 2HP  
120VAC: 15A Tungsten/Electronic, 1HP

**Operating Temperature:**

-40°C to 40°C

### Construction

**Mounting:**

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

**Overall Dimensions:**

1.55" diameter, 5.75" length  
1/2" NPT Mount, Male  
16AWG pigtails

### Wireless Range

**Line of Sight:**

1,000 feet

**Obstructions:**

100 feet

### Other

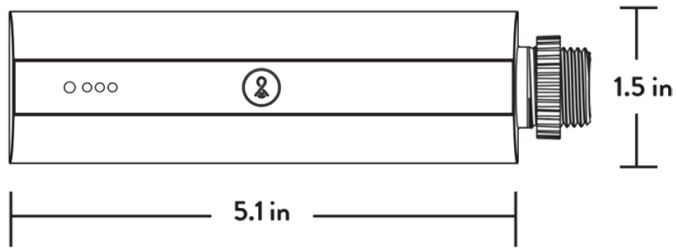
**Warranty:**

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

- 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