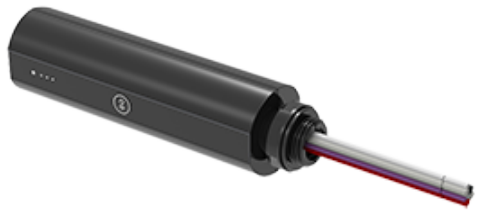
LCCONTROL20/D10

RAB



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

Installation

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

Construction

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

Wireless Range

Line of Sight:
1,000 ft

Obstructions:
100 ft

Other

Warranty:
10-year full hardware warranty with 100% repair/replacement coverage for all properly installed devices. See Lightcloud Warranty Terms.

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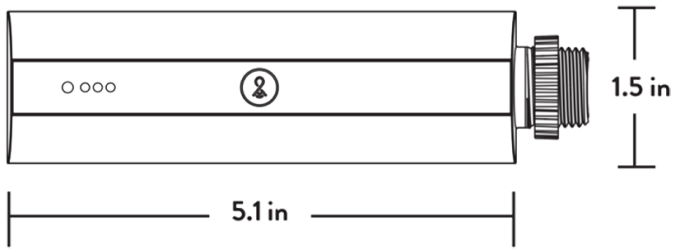
Dimensions



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

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