



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: 0.2 lbs

Project:	Type:
Prepared By:	Date:

Technical Specifications

Listings

UL Listing:

Suitable for indoor and outdoor use.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

Electrical

Input Voltage:

120-277 VAC

Frequencies:

50/60 Hz

Current Draw:

30 mA @ 120VAC
20 mA @ 277VAC

Load Switching Capacity:

277VAC: 20A Magnetic/Resistive
240VAC: 5A Tungsten/Electronic, 20A FLA/60 LRA, 2HP
120VAC: 15A Tungsten, 1HP

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Operating Temperature Range:

-20°C to 40°C

Storage Temperature Range:

-40°C to 80°C

Maximum Relative Humidity:

85%

Mounting:

Junction box for both indoor or outdoor. Lighting Panel or Trough.

Wire Gauge:

4x6 in 12AWG High-voltage pigtails, stripped
2x12 in 22AWG Low-voltage pigtails, 300V insulation, stripped

Wireless Range

Obstructions:

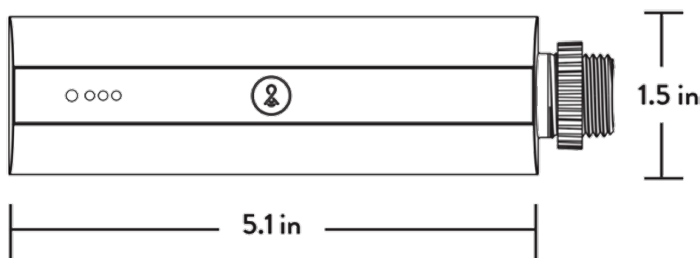
100 feet

Other

Warranty:

10-year full hardware warranty with 100% repair/replacement coverage for all properly installed devices.

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