



Project:	Type:
Prepared By:	Date:

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:

120V through 277V

Frequencies:

50/60 Hz

Standby Power Consumption:

<0.8W

Electrical Ratings:

30 mA @ 120VAC

20 mA @ 277VAC

Load Switching Capacity:

277V: 1.81A (500W) Electronic Ballast (CFL, LED Driver)

120V: 4.2A (500W) Electronic Ballast CFL, LED Driver)

120V: 4.24A (500W) Tungsten

277V: 1.81A (500W) Tungsten

120V: 2.2A (264VA) Standard Ballast (Magnetic Ballast)

277V: 1.8A (500VA) Standard Ballast (Magnetic Ballast)

120V: 4.2A (500W) Resistive or Inductive

0-10V SELV: Limited Energy (Class 2) 0-10V Dim output

Surge Protection:

6kV

Wireless Range

Line-of-Site:

1000 feet

Obstructions:

100 feet

Construction

Operating Temperature Range:

-35°C - 60°C

Mounting:

In a lighting fixture

Wire Gauge:

Cable Gauge: UL 1015 18AWG (Black, White, Red)

0-10V Dimming: 22AWG (Gray, Purple)

Other

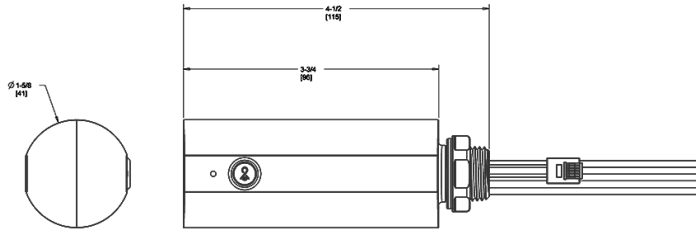
Warranty:

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 with a smaller footprint for 3A applications
- Has connector for use with LCLCsense (sold separately) proving motion and daylight sensing
- Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD
- Small profile for concealed installations
- 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

Ordering Matrix

Family	Size	Finish
LCCONTROL	/MINI	/W
	/MINI = Mini	/W = White /K = Black