



A compact external luminaire controller.

Color: Black

Weight: 0.3 lbs

| | |
|--------------|-------|
| 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

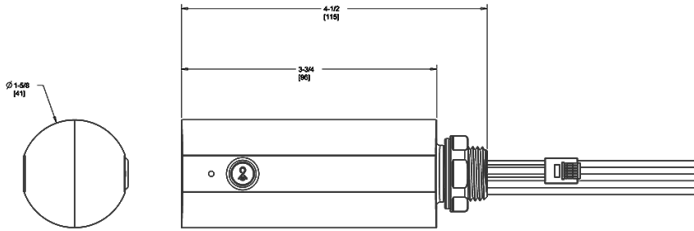
Warranty:

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 | /K |

/MINI = Mini /W = White
/K = Black