LCBLUECONTROL/B

RAB

Project:

Type:

Prepared By:

Date:

Color: Black   Weight: 0.3 lbs

Technical Specifications

Lightcloud

Lightcloud Blue:

Lightcloud Blue is a Bluetooth mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patent-pending Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.
DLC system - N1XMLOEATBA
Learn more at www.lightcloud.com

Gateway Required:

No

Communication Protocol:

Bluetooth Mesh

Range:

Indoor: Up to 60 feet between standard building materials. Building materials such as brick, concrete, and steel construction may require additional Lightcloud Blue devices to extend around an obstruction; Up to 200 feet clear line of sight.

Outdoor: Up to 60 feet clear line of sight; Up to 18 feet around corners

Spacing Criteria:

Lightcloud Blue devices should be placed within the specified range to communicate within the Bluetooth Mesh network.

Factory Reset:

Method 1: Delete from App
Open the app and access the device settings for the paired device. Be sure that the device is online and select 'Delete'. The device will flash on/off 3x and return to full brightness.

Method 2: Manual
Locate the device identification button at the top of the Controller under the Lightcloud logo. Press and hold this button for 10s or until the indicator light begins flashing red. If the Controller is attached to a fixture, the fixture will also flash on/off 3x.

Status Indicator:

The status indicator light is located around the circumference of the top of the Controller.

Solid Green: connected to a Lightcloud Blue network.
Blinking Red: unprovisioned, ready to pair

Electrical

Device Identification Button:

Located at the top of the controller under the Lightcloud logo. Once the Controller has been provisioned to the Lightcloud Blue mobile app this button offers the following functionality:
• Press once to rapid identify this device in the Lightcloud Blue mobile app
• Press twice to toggle circuit on and off
• Press twice and hold to set dim level
• Press and hold for 10s to reset the device to factory settings and into pairing mode

Power Consumption:

Standby: <0.6W
Active: 1W

Load Switching Capacity:

LED/Fluorescent:
120V: 400W
277V: 400W

Incandescent:
120V: 3.3A/400W
277V: 1.5A/400W

Dimmable:

Yes when connected to a compatible 0-10V fixture.

This will not operate properly when connected to a standard (incandescent) dimmer or dimming control.

RAB

Technical Specifications (continued)

Input Voltage:
120-277V

Operating Frequency:
50/60Hz

Operating Temperature:
-4°F to 113°F (-20°C to 45°C)

Performance

Product Type:
Lightcloud Blue Controller

Description:
Convert any compatible 0-10V fixture to a Lightcloud Blue-enabled fixture which can be configured and controlled using the Lightcloud Blue mobile app.

Construction

Shape:
Cylinder

Finish:
Black

Compliance

ETL Listed:
No

IP Rating:
IP66

IC Rated:
No

Air Tight:
No

Energy Star Approved:
No

DLC Listed:
This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC ID:
N1XMLOEATBA

Certification Model Number:
LCBLUECONTROL/B

California Title 20 Compliant:
No

California Title 24 JA8 Compliant:
No

California Energy Commission (CEC) Status:
Lawful for Sales in California

RoHS:
Mercury and UV free. RoHS-compliant components.

FCC:
Complies with Part 15 of the FCC Rules

Other

Compatible Products:
Any fixture or group of fixtures that are 0-10V within the rated load switching capacity.

Compatible Accessories:
LCLCSENSE/SH
LC & LCB Luminaire standalone PIR sensor

LCLCSENSE/P/EG/A/2
Lightcloud luminaire PIR sensor for EZPAN

LCLCSENSE/M/EG/A
Lightcloud luminaire MVS sensor for EZPAN

LCLCSENSE/M/EG/B
Lightcloud luminaire PIR sensor for SWISH

LCLCSENSE/P/EG/B/2
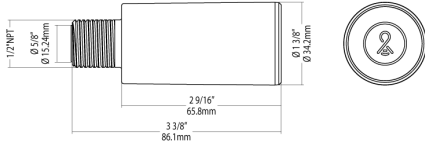Lightcloud luminaire MVS sensor for SWISH

Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

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.

LCBLUECONTROL/B

Dimensions

1/2"NPT
Ø 5/8"
Ø 15.24mm
Ø 1 3/8"
Ø 34.2mm
2 9/16"
65.8mm
3 3/8"
86.1mm

Features

Remotely controlled to enable switching and dimming in any compatible 0-10V LED fixture

Direct connect to the Lightcloud Blue mobile app via Bluetooth; no Gateway or Hub required

Manually control a fixture's on/off and dim level using the single Controller button

Quickly identify the fixture during commissioning by pressing the Controller button 1x to highlight the device in the Lightcloud Blue mobile app

Ordering Matrix

Family	Finish
LCBLUECONTROL	/B

/W = White
/B = Black