



Color: White

Weight: 0.1 lbs

Project:	Type:
Prepared By:	Date:

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 patented 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 (Interior);
NHCZ2BIA17L (Exterior)

Learn more at www.lightcloud.com.

Gateway Required:

No

Communication Protocol:

Bluetooth Mesh

Range:

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 (varies by device).

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

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

Performance

Product Type:

Lightcloud Blue Controller

Description:

Convert any compatible 0-10V Dim to Off fixture with 12V AUX supply to a Lightcloud Blue-enabled fixture which can be configured and controlled using the Lightcloud Blue mobile app.

Electrical

Dimmable:

Yes using the Lightcloud Blue mobile app or compatible devices. The Low Voltage Controller must be connected to a compatible 0-10V Dim to Off fixture with 12V AUX supply.

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



Technical Specifications (continued)

Input Voltage:

10.5-36VDC

Operating Frequency:

50/60Hz

Operating Temperature:

-4°F to 113°F (-20°C to 45°C)

Construction**Finish:**

White

Enclosure Material:

Plastic

Compliance**Listings:**

UL Listed

Environment:

Suitable for use indoors and outdoors in dry, damp, or wet environments.

IP Rating:

IP66

Certification Model Number:

LCBAUX/W

FCC:

Complies with Part 15 of the FCC Rules

Other**Compatible Products:**

Any 0-10V dim to off fixture with a 12V output driver. See Controller Compatibility List.

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:

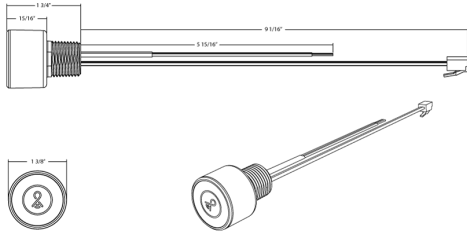
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions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



Dimensions



Features

Remotely controlled to enable switching and dimming in any compatible 0-10V Dim to Off LED fixture with 12V AUX supply

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

For use in indoor (IP20) and outdoor (IP66) applications

Manually control a fixture on/off and adjust the 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