



Project:	Type:
Prepared By:	Date:

Technical Specifications

Performance

Product Type:

Bluetooth-enabled Controller

Description:

Plug in aux controller with integrated sensor allow for simple Bluetooth Mesh wireless-networked control via the Lightcloud Blue mobile app.

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 ft between standard building materials. Up to 200 ft clear line of sight.

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'.

Method 2: Rapid Reset Tool

The Rapid Reset process must be done by a professional electrician qualified by RAB. Reach out to your RAB sales manager to request a Rapid Reset Tool. The tool simply needs to be placed directly on the small Lightcloud Blue logo on the device for 2s or until the lamp flashes 3x, then resets to 100% brightness at the default CCT.

Electrical

Max Mounting Height:

39 ft

Detection Range:

32 ft diameter mounted at 39 ft

Input Voltage:

12V

Sensor Settings

Default Setting:

Uncommissioned State:
Motion Sensitivity: High
Brightness when triggered: 100%
Hold time: 1 minute
Standby to dim: 20%
Standby time: 1 minute
When vacant: Off

Commissioned State:
Motion Sensitivity: High
Brightness when triggered: Last on status
Hold time: 20 minutes
When vacant: Off

Sensing Type:

Occupancy or Vacancy

Occupied Actions:

On or On at a Dim Level

Vacant Options:

Off or On at a Dim Level

Occupancy Timeout:

1 minute to 240 minutes

Daylight Sensing:

The sensor will determine to trigger the light(s) on or not based on the daylight threshold level set in the Lightcloud Blue mobile app.

Technical Specifications (continued)

Daylight Threshold:

150 lux to 1500 lux

Construction

Finish:

White

Bulb Shape:

Round

Enclosure Material:

Polycarbonate

Compliance

Listings:

UL Listed

DLC NLC Listed:

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

DLC system - N1XMLOEATBA (Interior);

NHCZ2BIA17L (Exterior)

T20 Compliant:

Not compliant

California Title 24 JA8 Compliant:

Not Compliant

California Energy Commission (CEC) Status:

Lawful for Sales in California

RoHS:

Mercury and UV free. RoHS-compliant components.

FCC:

Complies with Part 15B of the FCC Rules

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

Other

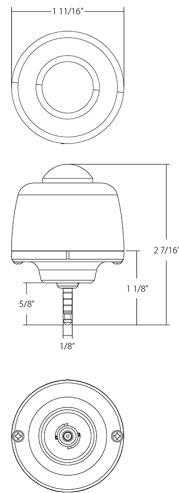
Compatible Products:

Any HID replacement lamp with a 5-Pin Auxillary Sensor Port

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of three (3) 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.

Dimensions



Features

- Direct Connect to the Lightcloud Blue mobile app via Bluetooth, no Gateway or Hub required
- Easy to install on compatible 5-Pin Sensor Port HID Replacement lamps
- Use mobile device to configure features for On/Off Control, Dim Level, Color Temperature, Schedules, Scenes, SmartShift and more.
- Plug in aux sensors allow for simple Bluetooth Mesh wireless-networked controls like occupancy and daylight harvesting