



Lightcloud Blue Load Controller for Networked Lighting Controls User Manual

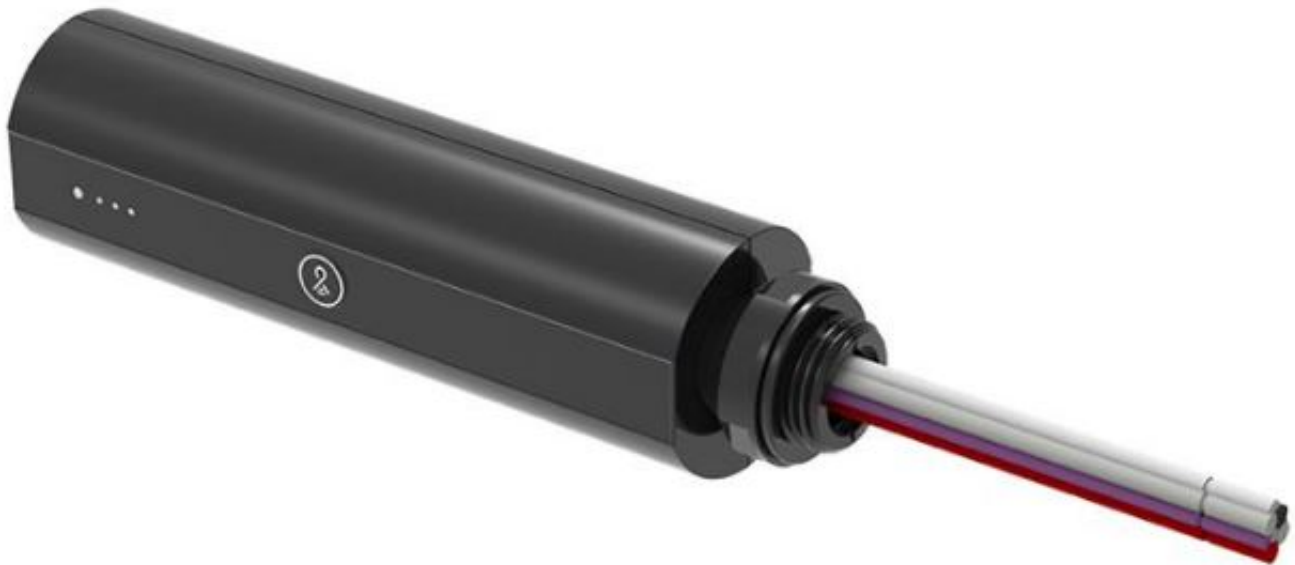
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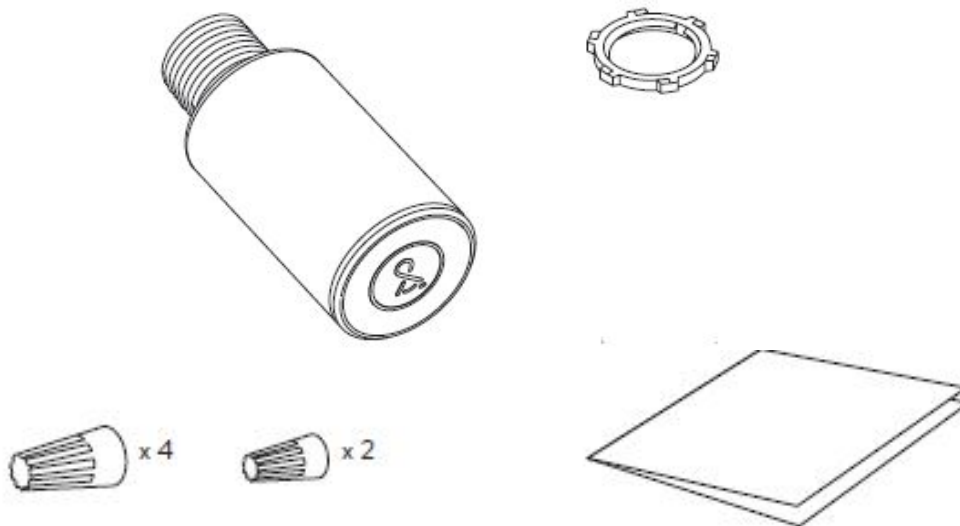
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Lightcloud

Lightcloud Blue Load Controller for Networked Lighting Controls



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Specifications & Ratings

PART NUMBER

LCBLUECONTROL/D10/W

DIMENSIONS:

1.3" (D) x 2.5"(L)

INPUT

120/277VAC, 50/60Hz
Obstructions: 70 feet

CURRENT DRAW

WIRELESS RANGE

Line of Sight: 700 feet

RATINGS:

<0.6W(Standby)–1W(Active)
LOAD SWITCHING CAPACITY

Lightcloud Blue Controller is IP66 rated
and suited for outdoor or wet locations

LED/Fluorescent

Incandescent

120V~/1.7A/200VA

120V~/4.2A/500W

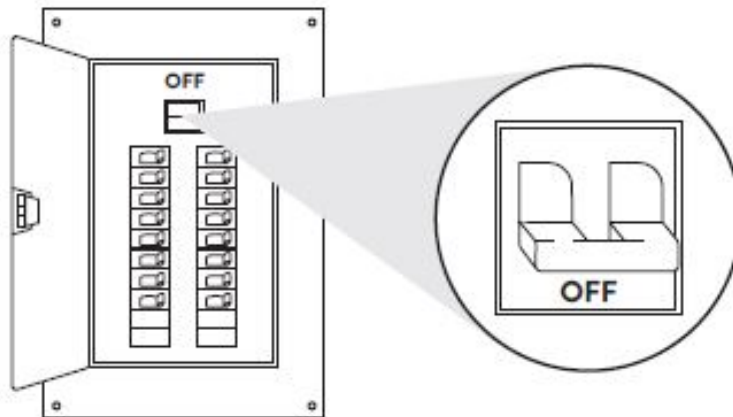
277V~/1.5A/400VA

277V~/4.2A/1200W

OPERATING TEMPERATURE: -40°C to +50°C max temp

Setup & Installation

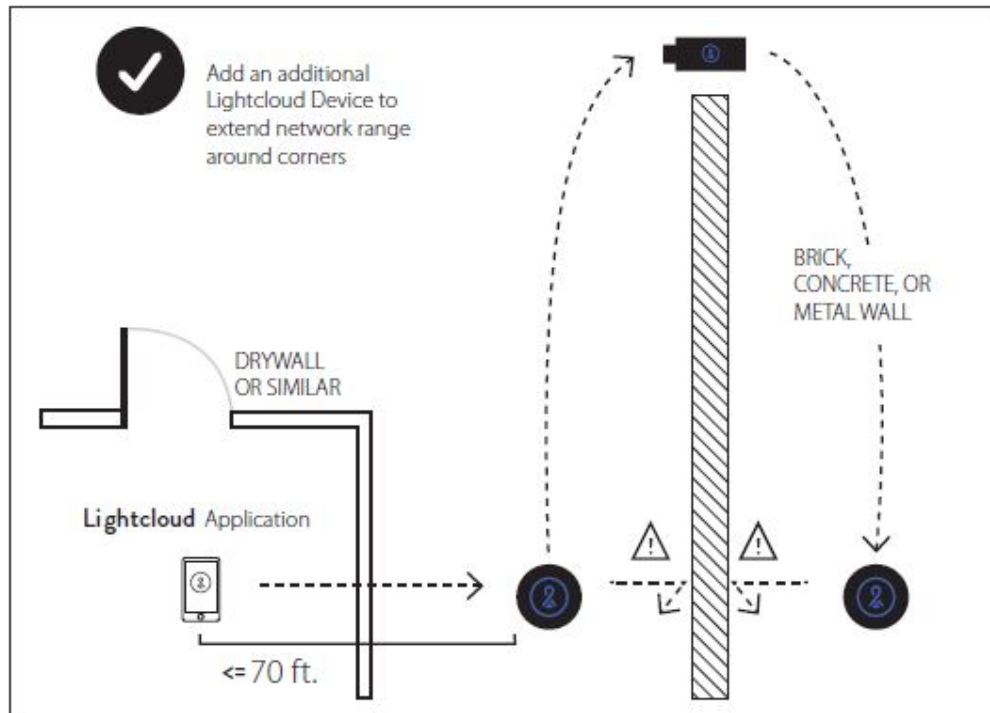
Turn off power



Find a suitable location

Use these guidelines when installing devices:

- If there is a clear line of sight between a Lightcloud Blue Controller and another Lightcloud Blue device they can be placed up to 500 feet apart.
- If a Lightcloud Blue Controller and another Lightcloud Blue device are separated by ordinary drywall construction, try to keep them within 70 ft. of each other.
- Brick, concrete and steel construction may require additional Lightcloud Blue devices to go around the obstruction.

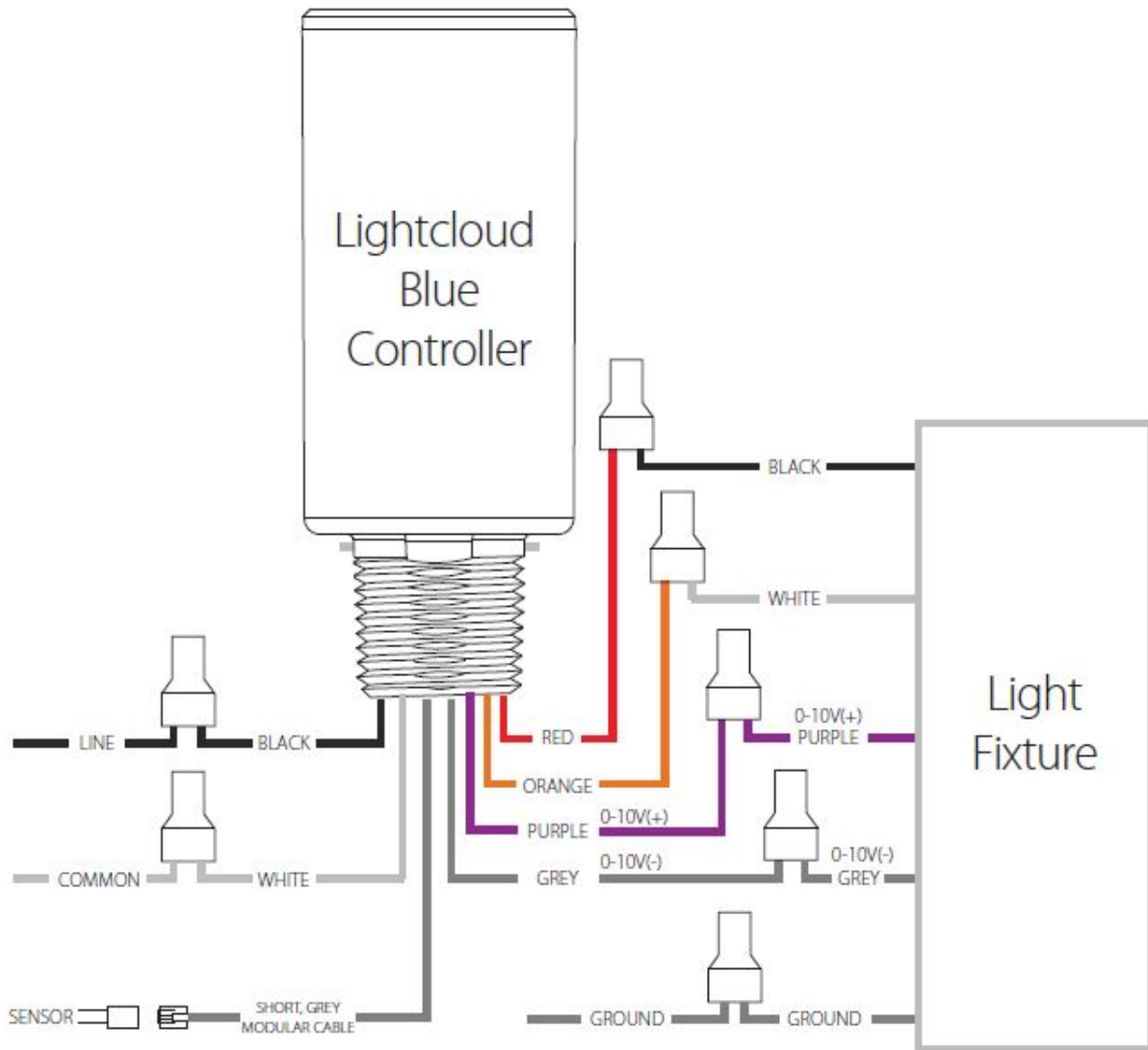


Optional – What You Need for Lightcloud System

Lightcloud Gateway and Wall Bridge is required to Connect with Lightcloud System

Install the Lightcloud Blue Controller in junction box

The Lightcloud Blue Controller can be mounted into a junction box, with the radio module always outside any metal enclosure. If no sensor is used then the second modular cable can be tied off and placed inside the fixture or box.



Install Luminaire

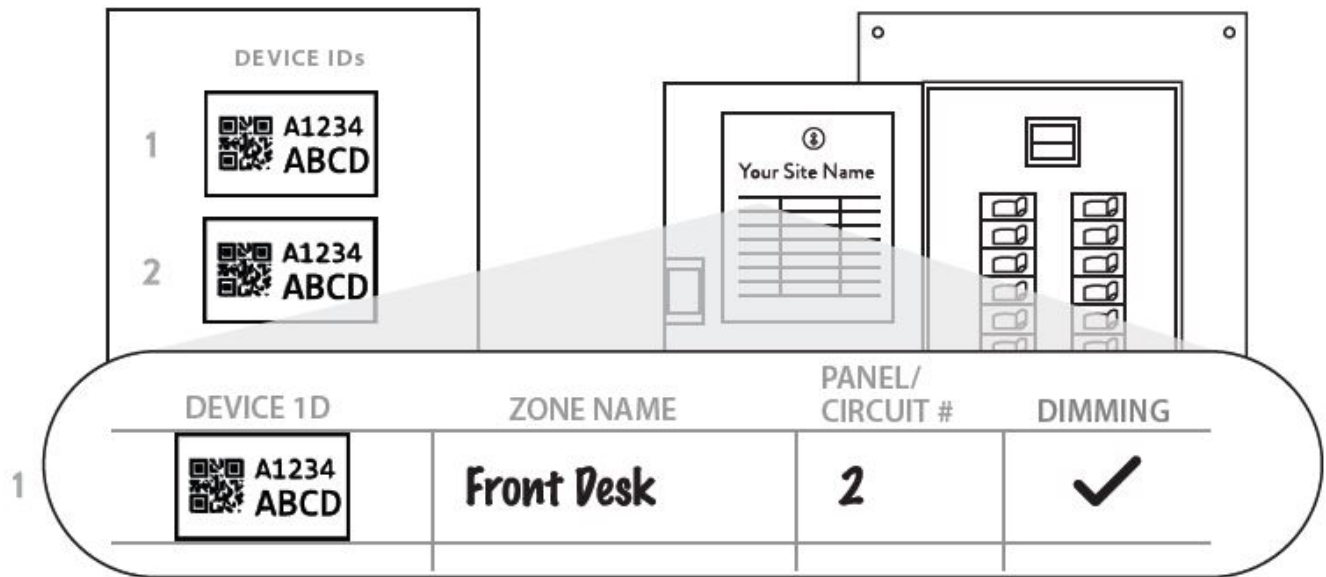
Install the fixture with integrated Lightcloud Blue Controller to a constant power source. Do not place Lightcloud-controlled fixtures down circuit from any other switching devices such as switches, sensors, or time clocks.

Labeling your device

When installing devices, it's important to keep track of their Device IDs, installation locations, panel/circuit #s, dimming function, and any additional notes. To organize this information, use Device Table.

Device table

The extra Device Identification stickers are provided that you can attach to your panel and one to hand off to a building manager. Device Identification stickers included with each device to a row, then write in additional information, such as Zone name, Panel/Circuit Number, and whether or not a Zone uses dimming.



Verify power and local control

Confirm Status Indicator is blinking red. Confirm local control using the Device Identification Button.

DEVICE IDENTIFICATION BUTTON



- Press once to highlight this device in the Lightcloud Application
- Press twice to toggle circuit on and off
- Press twice and hold to set dim level
- Press and hold for 10 seconds to remove this device from a Lightcloud network and into pairing mode

SIGNAL INDICATOR

Solid GREEN when connected to your Lightcloud network. Blinking RED when unprovisioned.

Commission your devices

Log on to www.lightcloud.com or call 1 (844) LIGHT CLOUD

Enable Device Pairing Mode

Press and hold for 10 seconds to remove this device from a Lightcloud network and into pairing mode

Commission

1. Download RAB Lightcloud Application from Apple Appstore or Google Play.
2. Tap the + button in the Lightcloud App to add Lightcloud Blue Controller which is in the pairing mode.
3. Simply follow the instruction in the App to complete the commission and setup.

Functionality

Configuration

All configuration of Lightcloud products may be performed using the Lightcloud web Application, or by calling RAB.

Emergency default

If communication is lost, the Controller may optionally fall back to a specific state, such as turning the attached luminaire on. [Warning: Any wires not in use must be capped off or otherwise insulated.]

FCC Information:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1. This device may not cause harmful interference, and 2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This device has been tested and found to comply with the limits for Class B digital devices pursuant to Part 15 Subpart B, of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential environment. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment of and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To comply with the FCC's RF exposure limits for general population / uncontrolled exposure, this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

CAUTION: Changes or modifications to this equipment not expressly approved by RAB Lighting may void the user's authority to operate this equipment. Lightcloud is a commercial wireless lighting control system. It's powerful and flexible yet easy to use and install. Learn more at lightcloud.com

Documents / Resources



[Lightcloud Blue Load Controller for Networked Lighting Controls](#) [pdf] User Manual
BLUECONTROL, 2AXD8-BLUECONTROL, 2AXD8BLUECONTROL, Blue Load Controller for Networked Lighting Controls