

Welcome



Lightcloud®

Slim Surface Mount

SUMO12/LCB

WE'RE HERE TO HELP:

1(844) LIGHTCLOUD

1(844) 544-4825

Hello

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.

Product Features

Direct Connect LED, No Gateway or Hub required

Wireless control from your mobile device

On/off and dimming

Tunable white, 2700K - 6500K

Group devices together

Create custom scenes

Sensor compatible

Schedules and automations

SmartShift™ automated circadian schedule

Catalog Number:

SUMO12/LCB

Model Number:

SUMO12/LCB

Electrical:

24W, 1900lm
120-277Vac, 60Hz

Construction:

Size: 12"
Trim Finish: White
Trim Style: Smooth

Safety Information

TO PREVENT ELECTRICAL SHOCK, POWER SHOULD BE TURNED OFF AT THE FUSE BOX BEFORE INSTALLATION.

SAFETY WARNINGS:

Read all product labels and directions.

- WARNING – Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.
- Installation should be performed only by a qualified electrician in accordance with the National Electrical Code and relevant local codes. Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- WARNING – To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- INSTALLATION SHOULD ONLY BE PERFORMED AFTER POWER TO THE FIXTURE HAS BEEN DISCONNECTED.
- These instructions shall be included on an information sheet packaged with each unit.
- 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.

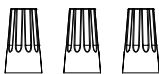
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, 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 off and on, the user is encouraged to try to 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.

What's in the Box



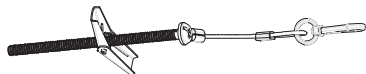
Fixture (1)



Nuts (3)



Short Screws (2)



Long Screw with safety wire (1)



Long Screws (1)

Tools Needed

Installation with J-BOX

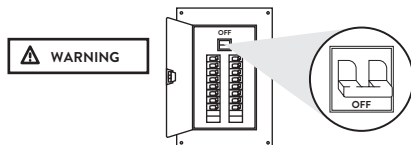
A screw driver is needed for installation

Installing your Lightcloud Blue Device

Pre-Installation

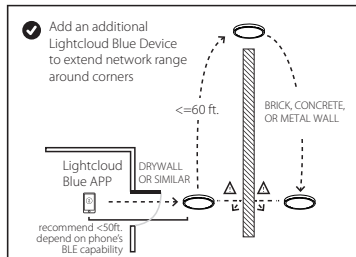
① Turn off power

- Place the wall switch in the off position.
- Turn off the main power at the breaker panel or remove the fuse from the fuse box.



② Find a suitable location

- Lightcloud Blue devices should be positioned within 60 ft. of each other.
- Building materials such as brick, concrete and steel construction may require additional Lightcloud Blue devices to extend around an obstruction.



Installing your Lightcloud Blue Device

③ Install the Lightcloud Blue Downlight

3a Installation with J-BOX

1. Make sure the POWER IS TURNED OFF at the source to the J-box in which you are installing the product.
2. Twist & Unlock mounting bracket from surface mount. (Fig.1)
3. Align the hole on bracket to the hole on J-BOX. Use pen to mark holes on ceiling. The holes are on edges of bracket (A&B). (Fig.2)

Fig: 1

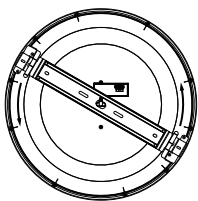
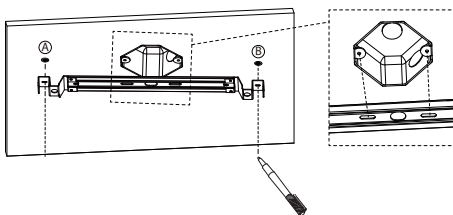


Fig: 2



4. Drill 12mm holes. (Fig.3)
5. Attach the mounting bracket using 2 long screws. (Fig.4)
6. Attach the Mounting Bracket to J-BOX using 2 short screws. (Fig.5)

Fig: 3

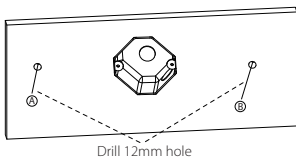


Fig: 4

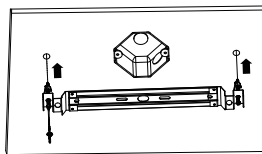
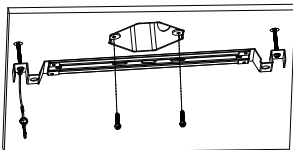


Fig: 5



Installing your Lightcloud Blue Device *(cont'd)*

7. Slide safety wire into slot of surface mount as shown to hold fixture while you make the electrical connections. *(Fig.6)*

8. Select desired CCT level using switch. *(Fig.7)*

Fig: 6

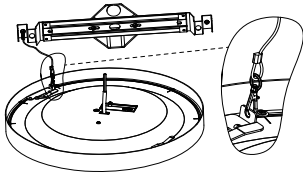
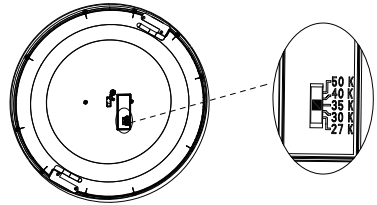


Fig: 7



9. Wire the surface mount. White-white, black - black, green - green/ground. Once wire connections are made, secure each with a wire nut. *(Fig.8)*

10. Raise the surface mount up into the mounting bracket, push/feed the electrical wires up through the hole into the J-BOX. *(Fig.9)*

Fig: 8

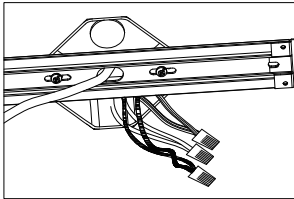
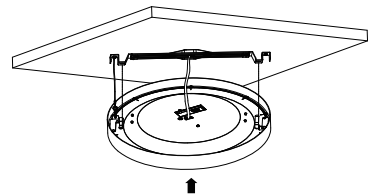


Fig: 9



11. Turning surface mount clockwise to lock it in place. *(Fig.10)*

12. Caulk around the mounting surface edge with silicone sealant. *(Fig.11)*

Fig: 10

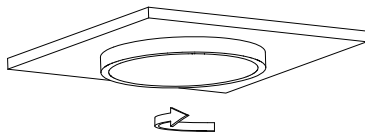
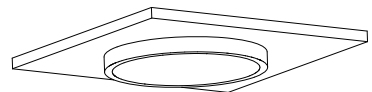



Fig: 11



Controlling your Lightcloud Blue Device

- 1 Confirm your device is powered on.
- 2 Download the Lightcloud Blue app from the Apple® App Store or Google® Play store.



- 3 Launch the app and login or create an account. 

- 4 Tap the "add device" icon in the app to start connecting devices.



- 5 Create areas, groups, and scenes to organize and control your devices.

- 6 You're all set!

Setting Device to Pairing Mode

If your Lightcloud Blue Disk is already paired, you can reset it to factory settings by using the below methods.

Method 1: Delete from App

Open the app and access the device settings for the paired device. Be sure that the disk is online and select "Delete".

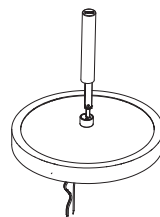
Method 2: Manual

Power the downlight off and on 5 times consecutively. Do not allow less than 5 seconds to elapse from switch off to on, do not allow more than 2 seconds to elapse from switch on to off. The downlight will flash 3 times, then reset to 100% brightness at default CCT.



Method 3: Rapid Reset Tool

The rapid reset process must be done by professional electricians 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 logo on disk for 2 seconds. The disk will flash 3 times, then reset to 100% brightness at default CCT.



Functionality

Configuration

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

Emergency default

If communication is lost, the Lightcloud Blue Downlight will revert back to the last known 'On' status.

This setting can be adjusted using the Lightcloud Blue mobile app.

(Warning: Any wires not in use must be capped off or otherwise insulated.)

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FCC Information:

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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.



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Learn more at www.rablighting.com

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RAB®

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