Welcome

Lightcloud®

Passive Infrared Ceiling Sensor

PIRW40/LCB

WE'RE HERE TO HELP:

1(844) LIGHTCLOUD

1 (844) 544-4825

support@lightcloud.com

Hello

The Lightcloud Blue Passive Infrared (PIR) Ceiling Sensor is a hardwired, stand-alone occupancy sensor for use with Lightcloud Blue-enabled products. Passive infrared technology offers a slotted field of detection of small movements within a limited distance from the sensor. This sensor is ideal for smaller/compact, rectangular areas with a direct line of sight to occupants in the space. Easily configure sensor settings using the Lightcloud Blue mobile app.

Specifications

PART NUMBER
PIR40W/LCB

WIRELESS RANGE
≤60 ft.

SENSOR TYPE
Passive Infrared (PIR)

ENVIRONMENT
Indoor/Outdoor (IP66)

PRODUCT DIMENSIONS
6.04"D x 6.04"L x 1.66"H

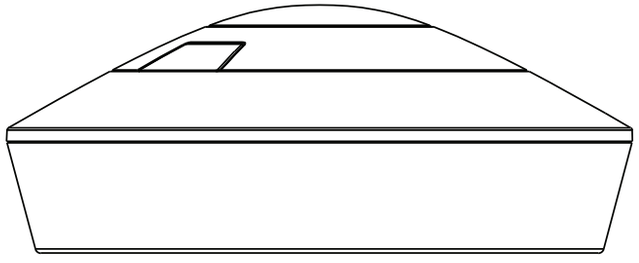
SENSOR COVERAGE
20 ft. diameter at 39 ft.

SENSOR CONNECTION
Wired

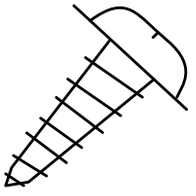
MOUNTING HEIGHT
39 ft.

Contents

Lightcloud Blue PIR Ceiling Sensor

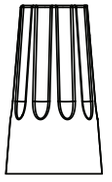


Mounting Screws



x 4

Wire Nuts

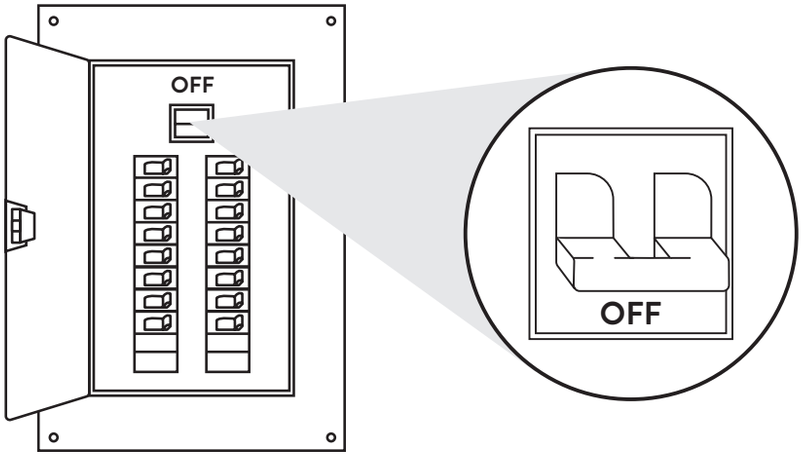


x 3

Setup & Installation

① Turn off power

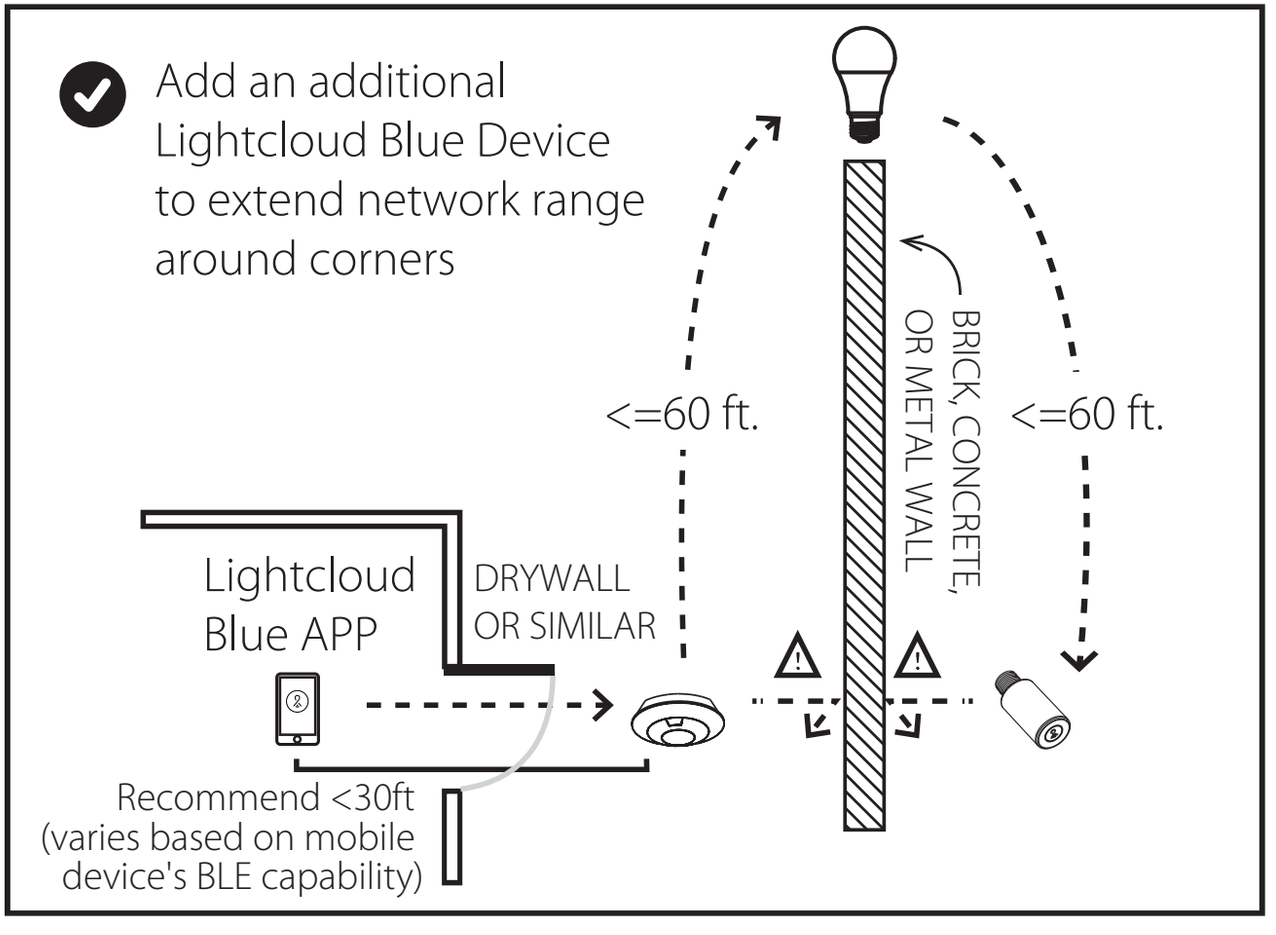
⚠ WARNING



Setup & Installation (*cont'd*)

1a 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.



Setup & Installation (*cont'd*)

2 Install your Lightcloud Blue Sensor

INSTALL ON A JUNCTION BOX (INDOOR/OUTDOOR)

The PIR Ceiling Sensor can control other Lightcloud Blue devices wirelessly when grouped in the same Area in the Lightcloud Blue mobile app. Once the sensor is moved into an Area, the sensor settings can be configured from the app.

All Lightcloud Blue devices grouped in the same Area in the mobile app can be controlled by the sensor.

1. Make sure power is turned off and the junction box is affixed to the ceiling. *(Fig.1)*
2. Connect the ceiling sensor to supply wires with wire nut. Wire nut live (black) wire with ceiling sensor wire and wire nut neutral (white) wire with ceiling sensor white wire. *(Fig.2)*

Fig: 1

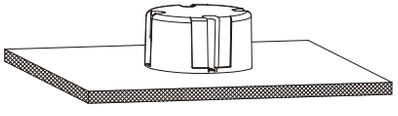
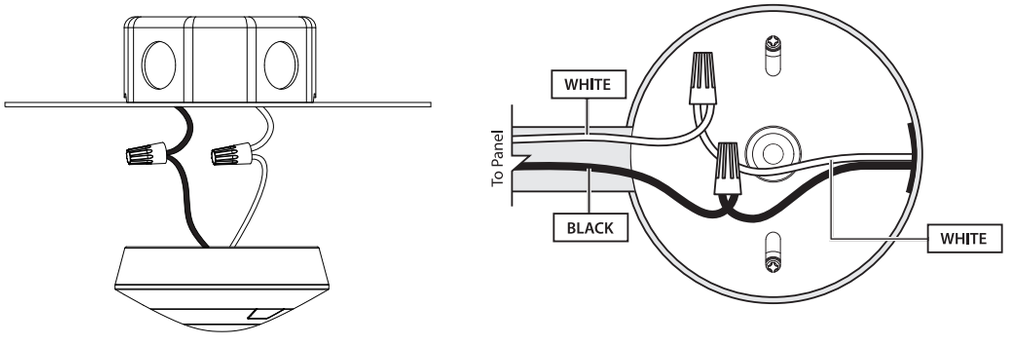


Fig: 2



Setup & Installation (*cont'd*)

3. Detach the sensor face from the base by turning the sensor counterclockwise to unlock. the face from the base. *(Fig.3)*
4. Safely place all wires into the junction box and secure the sensor base to the junction box by tightening the screws through the keyhole slots. *(Fig.4)*
5. Re-attach the sensor face to the base by turning clockwise to lock. *(Fig.5)*

Fig: 3

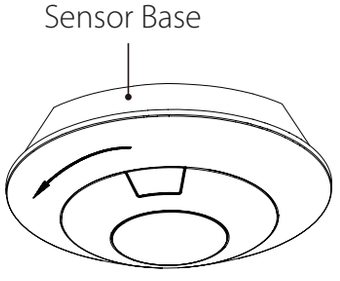


Fig: 4

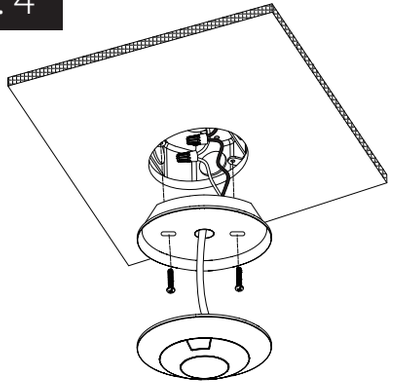
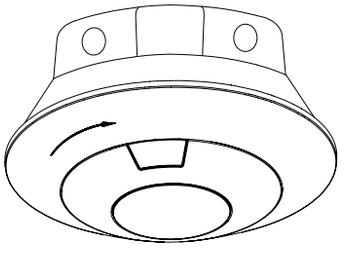
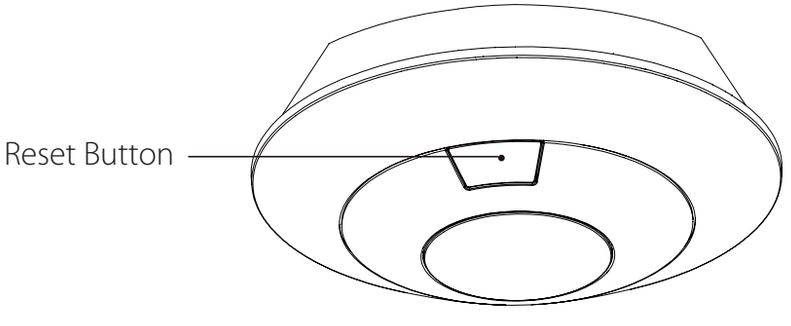


Fig: 5



3 Restore Factory Settings

To restore your Lightcloud Blue PIR Ceiling Sensor to factory settings, you can reset it by pressng the reset button for 10 seconds until the indicator light flashes red.



Controlling your Lightcloud Blue Device

1. Confirm your device is powered on.

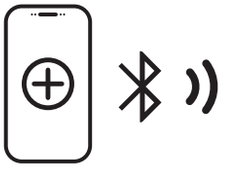
2. Download the Lightcloud Blue app from the Apple® App Store or Google® Play store.

Download on the App Store

GET IT ON Google Play

3. Launch the App and create an account.

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

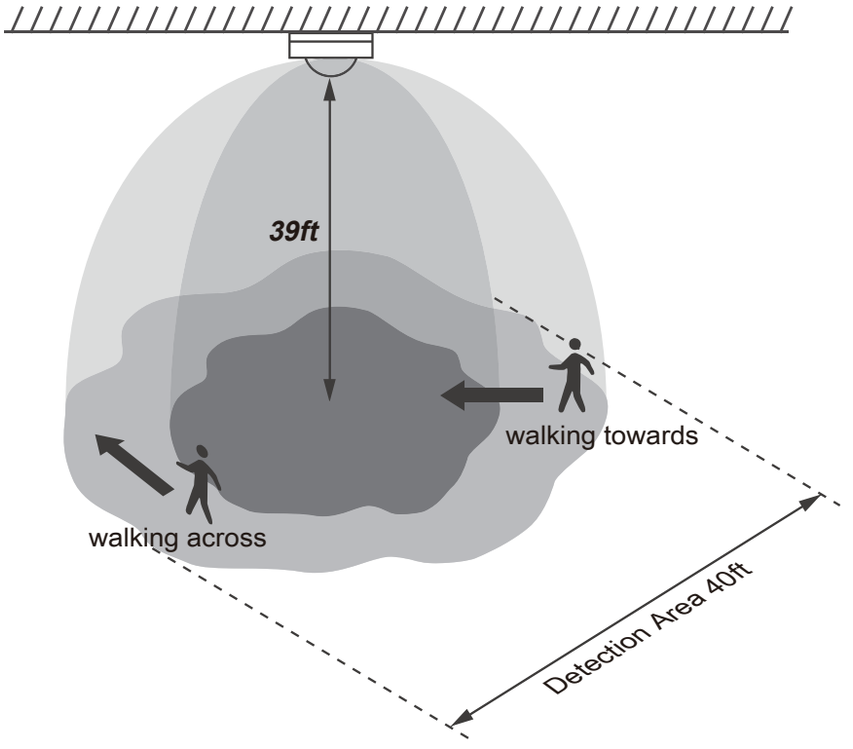


5. Once added, move to an Area to configure sensor settings.

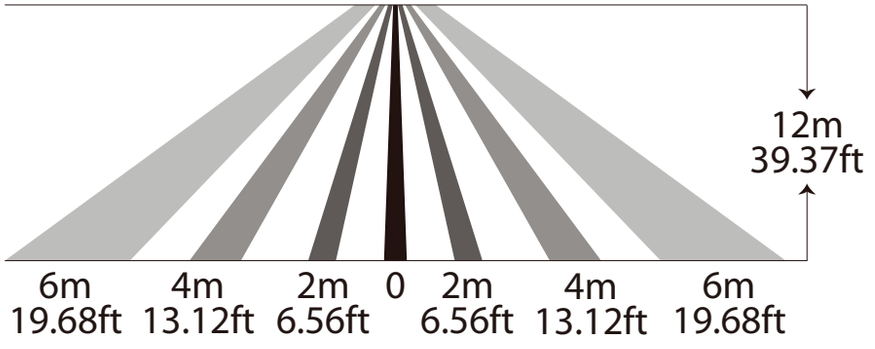
6. You're all set!

Sensor Coverage

Highest ceiling mounted height is 12m/39ft.



Radius of detection range is 3-6m/9.84-19.68ft.



Functionality

The Lightcloud Blue Ceiling Sensor can operate in either Occupancy or Vacancy to control Lightcloud Blue-enabled lights that are grouped in the same Area in the mobile app. Sensor settings can be configured using the Lightcloud Blue mobile app once it is moved to an Area.

In Occupancy mode, when motion is detected, lights can turn on and then turn off or dim when the timeout expires.

In Vacancy mode, lights can turn off or dim when the motion timeout expires. Lights will need to be manually turned on using the Lightcloud Blue mobile app or other Lightcloud Blue-enabled devices.

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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 canradiate 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 off 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 andreceiver.
   - 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 modifcations to this equipment not expressly approved by RAB Lighting may void the user's authority to operate this equipment.

Configuration

All configuration of Lightcloud Blue products may be performed using the Lightcloud Blue mobile app. Learn more at **www.rablighting.com**

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RAB®

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P-100857