Welcome

Lightcloud®

High Bay Low Voltage PIR Controller

PIR40/LCB

WE'RE HERE TO HELP:

1(844) LIGHTCLOUD

1(844) 544-4825

Hello

The Lightcloud Blue High Bay Low Voltage PIR Controller is a controller with 12V AUX supply and intergrated with dual-techology motion detector and daylight sensor that can switch and dim both local and remote circuits. The Lightcloud Blue High Bay Low Voltage Controller can be quickly and easily installed on compatible LED fixtures.

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support@lightcloud.com

Specifications

PART NUMBER
PIR40/LCB

PRODUCT DIMENSIONS
2.125"D x 2.125"L x 1.75"H

WIRELESS Range
60 ft.

SENSOR COVERAGE
40 ft. diameter at 40 ft.

SENSOR TYPE
Passive Infrared (PIR)

SENSOR CONNECTION
3-pogo pin

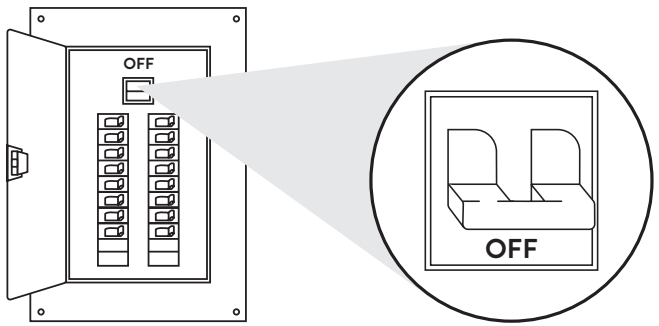
ENVIRONMENT
Indoor/Outdoor

MOUNTING HEIGHT
40 ft.

Setup & Installation

1 Turn off power

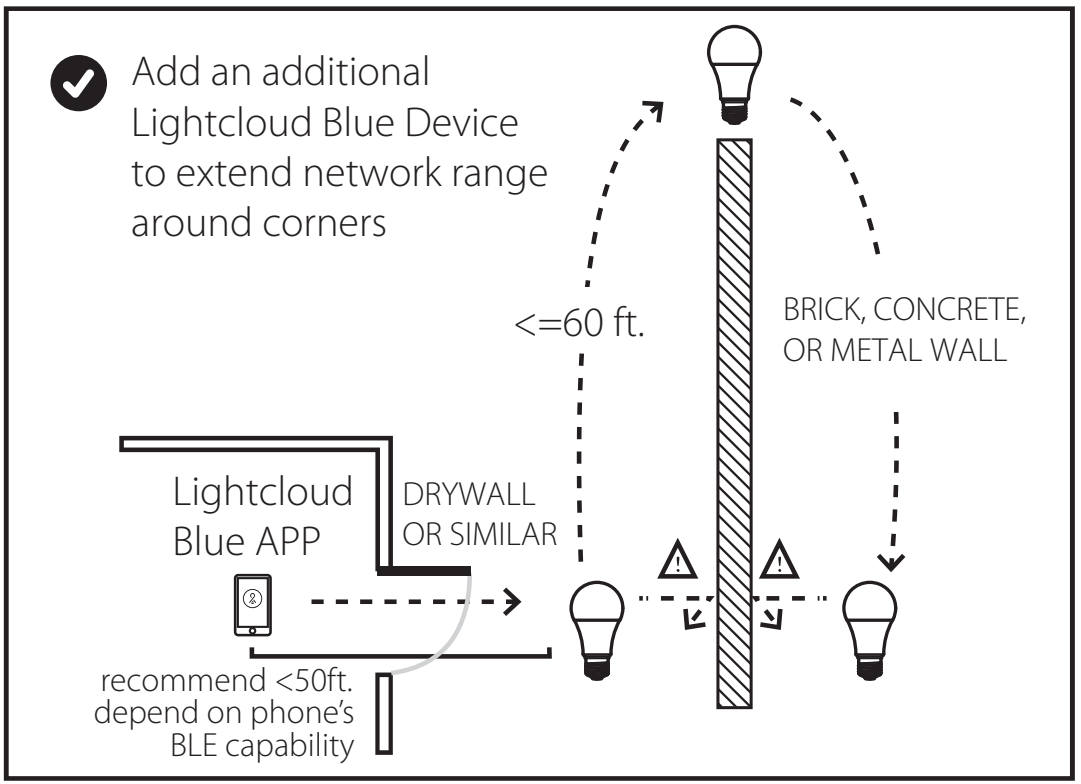
⚠ WARNING



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.

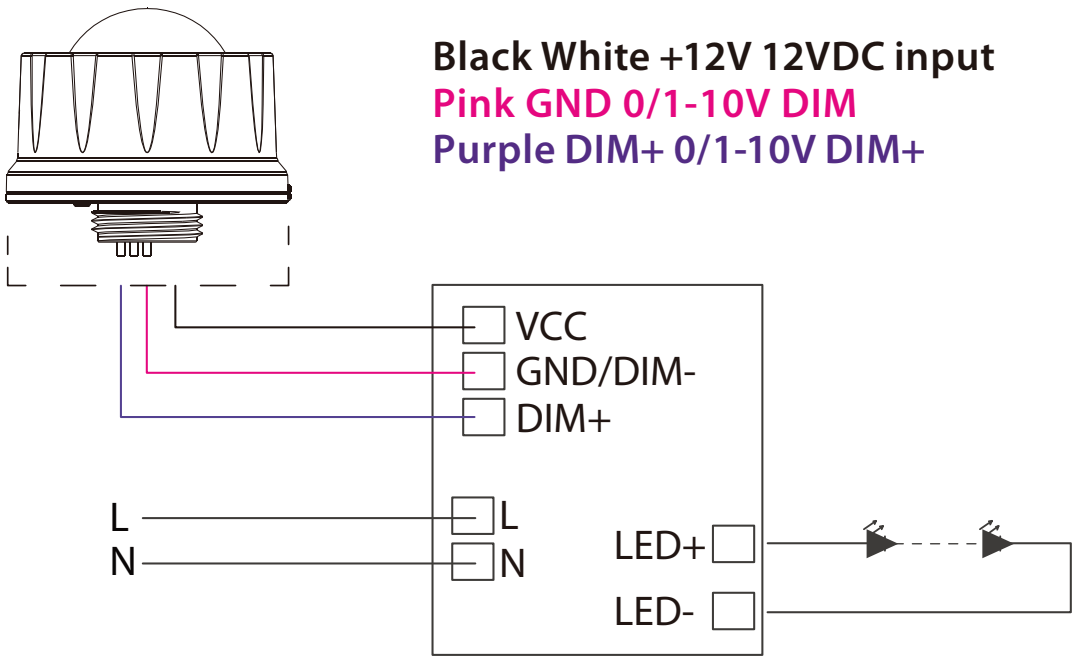
Setup & Installation *(Cont'd)*



Setup & Installation *(Cont'd)*

2 Wiring Diagram

Install the Lightcloud Blue High Bay Low Voltage PIR Controller by below wiring diagram.

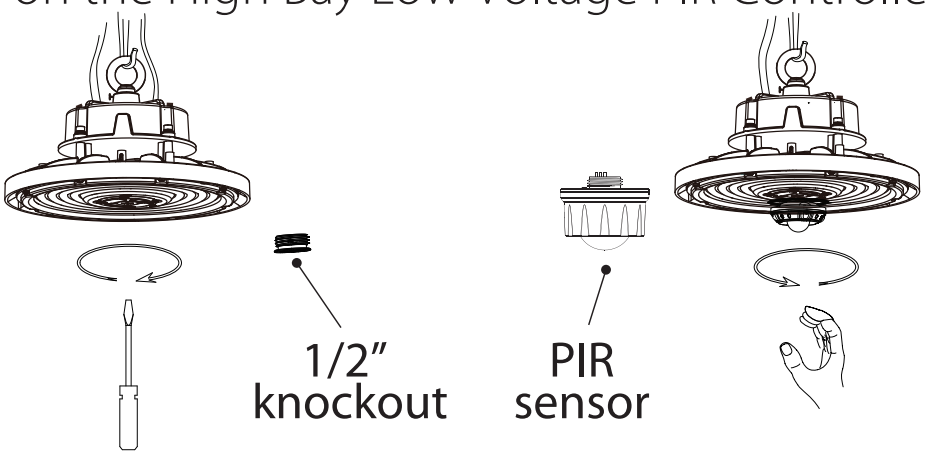


Setup & Installation *(Cont'd)*

3 Install Luminaire

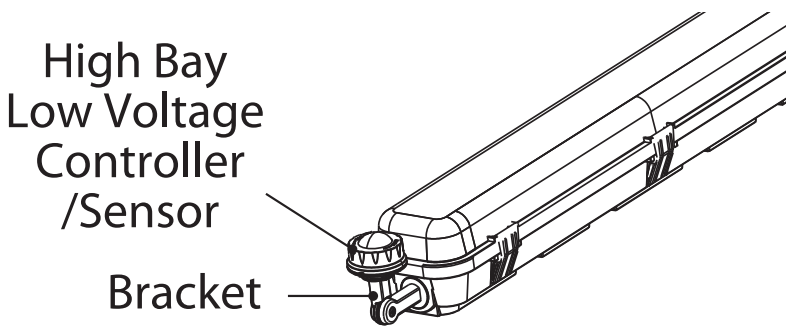
High Bay Low Voltage PIR Controller is only compatible with select sensor-ready fixtures. Visit www.rablighting.com to see the full compatibility list.

3a Mount the High Bay Low Voltage PIR Controller to a compatible fixture. Unscrew the 1/2" knockout out with a screwdriver and screw on the High Bay Low Voltage PIR Controller.



Setup & Installation *(Cont'd)*

3b Mount the High Bay Low Voltage PIR Controller with Bracket (RAAS):
Screw the High Bay Low Voltage PIR Controller onto the Bracket (RAAS) and connect the Bracket (RAAS) to a 1/2" knockout on the fixture, see the section 2 Wiring Diagram for wiring instructions.

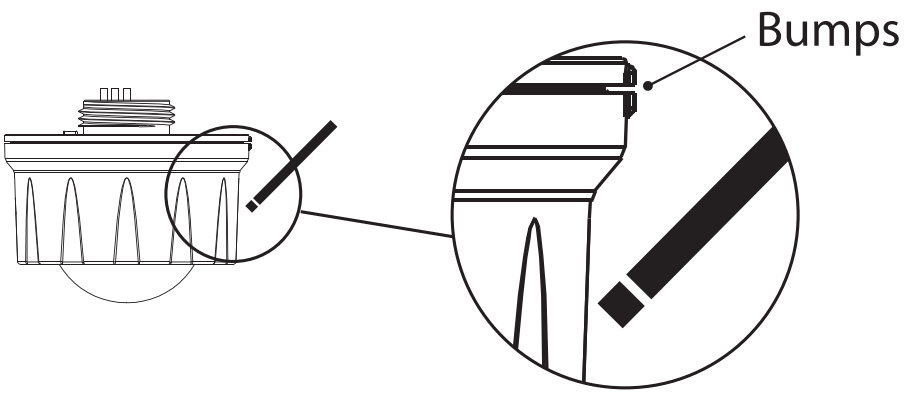


4 Turn power on

Setup & Installation *(Cont'd)*

5 Enable Device Pairing Mode

If your Lightcloud Blue High Bay Low Voltage PIR Controller is already paired, you can reset it by using Rapid Reset Tool Method.
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 side of device for 2 seconds.



Controlling your Lightcloud Blue Device

1. Confirm your device is powered on.

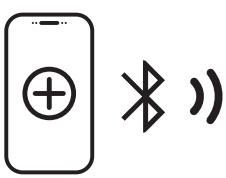
2. Download the Lightcloud Blue app from the Apple® App Store or Google® Play store.

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.



Controlling your Lightcloud Blue Device *(Cont'd)*

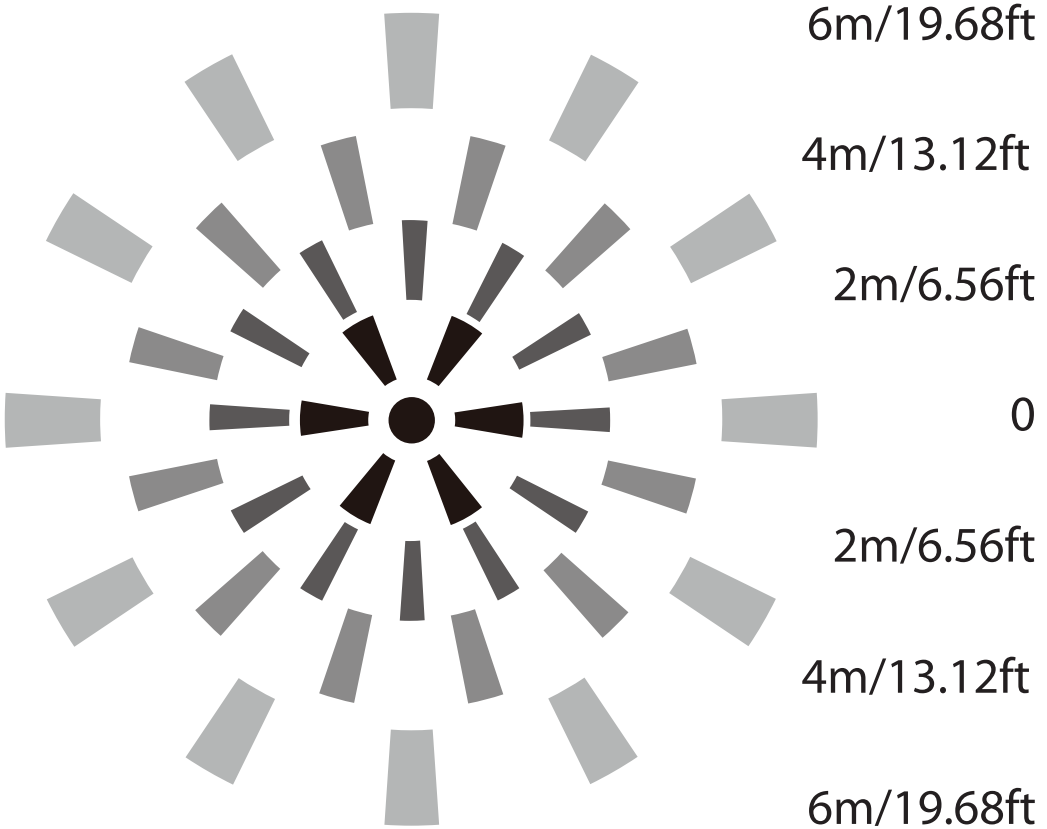
5. Follow the remaining steps in the app. Create areas, groups, and scenes to organize and control your devices.

6. Adjust the Dim-to- Off Threshold (0-2V) to get the lowest dim level in the device setting. (Default threshold 1V)

7. You're all set!

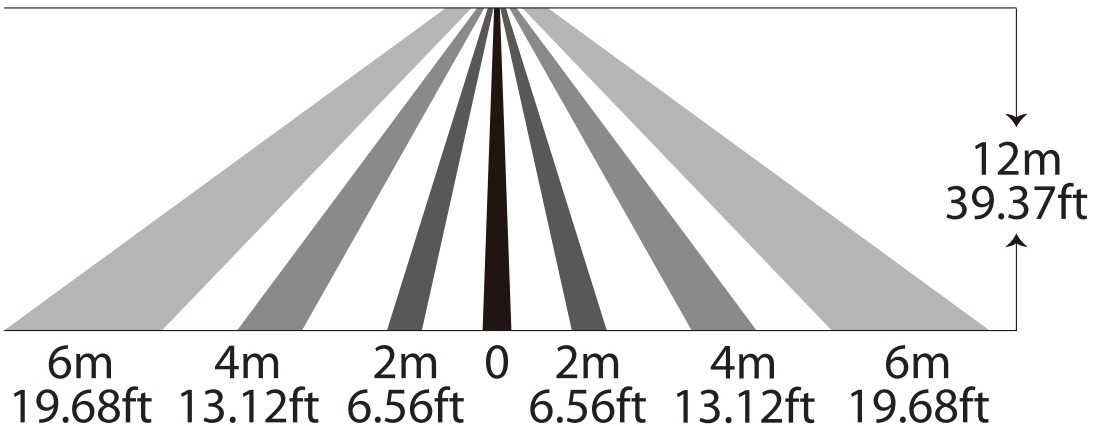
Sensor Coverage

Highest ceiling mounted height is 12m/39.37ft.



Sensor Coverage

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



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 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 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.

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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