Project: | Type: | Date: | Notes:

CONTROLLED

Long-Range Bluetooth PIR Plug-In Sensor

PIR40P-BTA-W1





OVERVIEW

The ControlLED long-range bluetooth PIR sensor offers reliable and wireless bluetooth networked controls in indoor and outdoor applications. It ensures fast and easy plug-and-play installation and commissioning using the ControlLED Mobile App.

FEATURES

- PIR motion and photocell sensor
- Easy wireless plug-and-play installation
- Bluetooth mesh network
- DLC - Networked Lighting Control (NLC) & Luminaire Level Lighting Control (LLLC)

SPECIFICATIONS

Input Voltage	12VDC
Input Current	50mA Max.
Input Power	0.6W
Output Current	10mA Max. Sinking Current
Output Power	0.1W
Dimming	Class 2, 0-10VDC
Bluetooth Transmit	328ft Max.
Radio Frequency	2.4GHz ±75MHz
Bluetooth Version	5.0
Housing Material	Polycarbonate (UL 94-5VA)
Housing Finish	White
Detection Range	40-80ft
Mounting Height	20-40ft
Indoor/Outdoor Use	Both Indoor & Outdoor Use
Operating Temperature	-30°C to 55°C (-22°F to 131°F)
Storage Temperature	-30°C to 85°C (-22°F to 185°F)
IP Rating	IP66 (Wet Location)
Programming Tool	Programmable using the ControlLED App

DEFAULT SETTINGS

Motion Sensor	On
Mode	Occupancy
High End Trim	100%
Sensitivity	High
Hold Time (T1)	20 min
Standby Dim	50%
Standby Time (T2)	1 min
Photocell	Off
Linkage	Off
Linkage Level	100%

STOCK CODES

083845	PIR40P-BTA-W1
084210	HIGHBAY BLUETOOTH PIR MOTION/DLH SENSOR & ADAPTER

Note: Please refer to the fixture specification sheet for the compatible sensor stock code.

SPECIFICATIONS & COMMISSIONING

INSTALLATION

1) Unscrew the sensor receptacle cover on the fixture.
2) Plug and screw in the sensor for wireless audio jack connection or if the sensor comes with an audio jack to 3-pin connector, twist lock it on the 3-PIN receptacle.
3) Program the sensor with the desired settings using the ControlLED Mobile App (please refer to the ControlLED App manual for instructions).

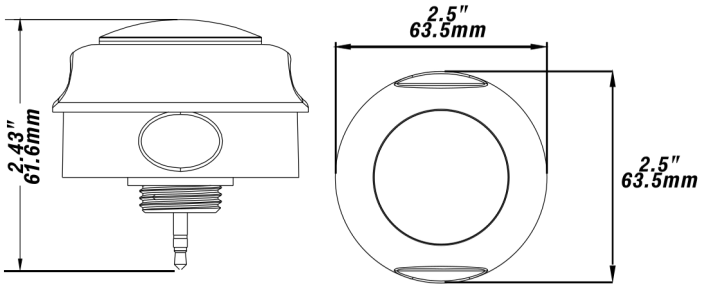
Without Adapter



With Adapter

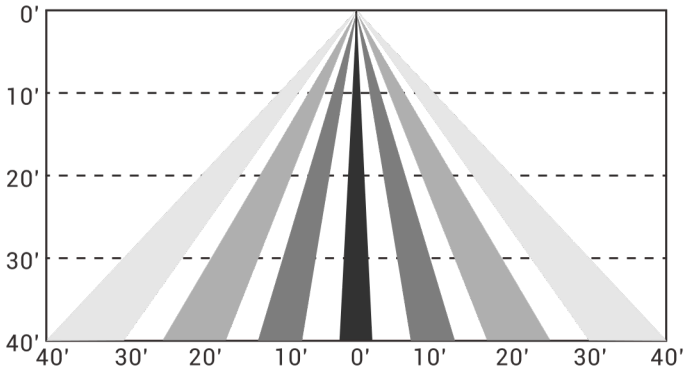


DIMENSIONS

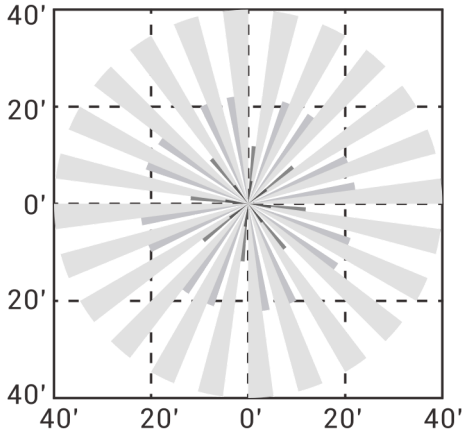


DETECTION COVERAGE

Side View (at 40ft Height)



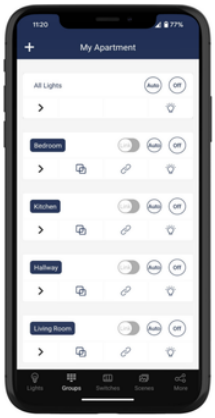
Top View (at 40ft Height)



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RAB DESIGN

ControlLED Network Lighting Controls (NLC) delivers secure, wireless lighting management with Bluetooth Mesh and the ControlLED App. Integrated sensors enable automatic adjustments for comfort, safety, and efficiency.



Organized Workspaces: Create Zones, Groups and Group linkages.



Dimming Lights: Set dim level for groups or individual lights.



Motion and Daylight Harvest Sensors: Custom sensor settings for groups or individual lights.



Scenes: Create custom scenes for different scenarios.



Schedules: Create custom schedules for recurring events.



Share Access: Share access using QR codes.

Get the App!

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