Project: | Type: | Date: | Notes:

RAB DESIGN

CONTROLLED

Lowbay Bluetooth PIR Plug-In Sensor
PIR18P-BTA-D1



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

FEATURES

- PIR motion and daylight harvest 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	25mA Max.
Input Power	0.3W
Output Current	10mA Max. Sinking Current
Output Power	0.1W
Dimming	Class 2, 0-10VDC
Bluetooth Transmit	100ft Max.
Radio Frequency	2.4GHz ±75MHz
Bluetooth Version	5.0
Housing Material	Polycarbonate (UL 94-5VA)
Housing Finish	White
Detection Range	40ft Max.
Mounting Height	18ft Max.
Indoor/Outdoor Use	Indoor Use Only
Operating Temperature	-30°C to 55°C (-22°F to 131°F)
IP Rating	IP20
Programming Tool	Programmable using the ControlLED App

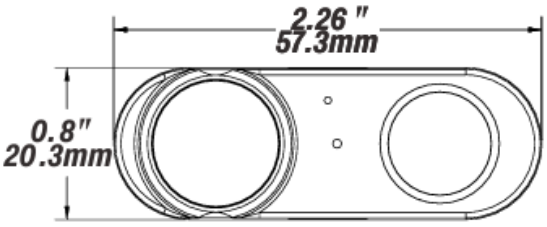
STOCK CODE

083787	PIR18P-BTA-D1

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
Daylight Harvest	Off
Linkage	Off
Linkage Level	100%

DIMENSIONS

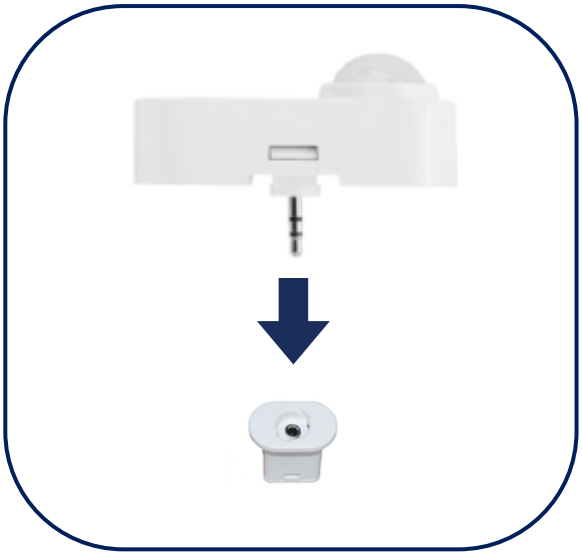


Bluetooth DLC LISTED

SPECIFICATIONS & COMMISSIONING

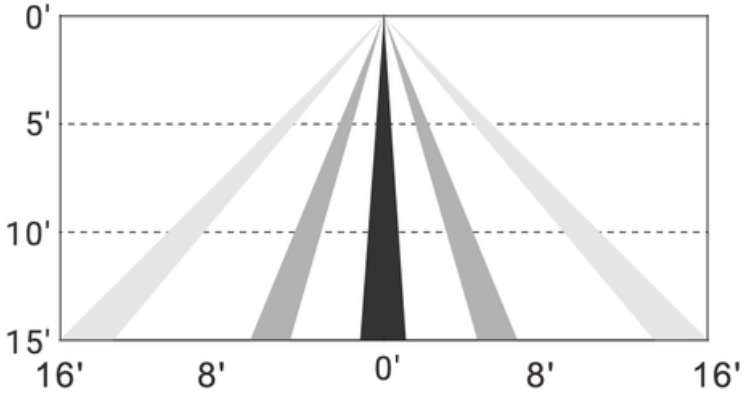
INSTALLATION

1) Twist the sensor receptacle cover off.
2) Plug in and twist the sensor for wireless audio jack connection.
3) Program the sensor with the desired settings using the ControlLED Mobile App (please refer to the ControlLED App manual for instructions).

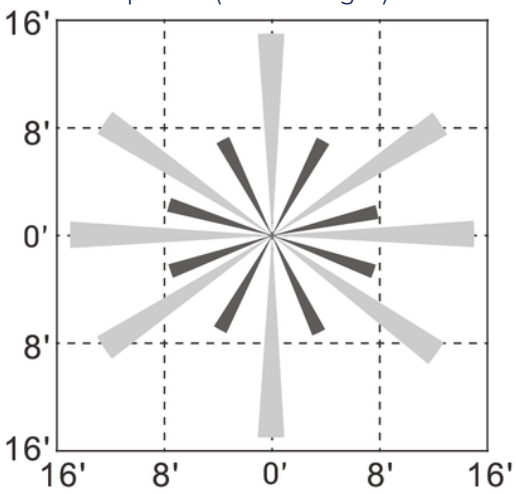


DETECTION COVERAGE

Side View (at 15ft Height)



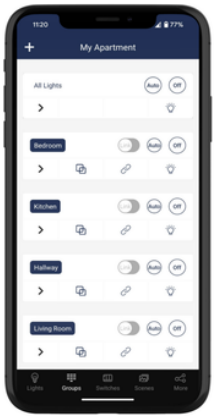
Top View (at 15ft Height)



CONTROLLED

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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