

120-277V 0-10V Bluetooth PIR Sensor





Description

The BRI819P-B-D-BLE-GE uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications

Overview

- PIR sensor.
- Bluetooth[®] SIG mesh.
- High-End Trim, Zoning, Continuous Bi-level Dimming.
- LED Motion indicator.
- Mounting height up to 40 ft.
- 360° coverage pattern.
- Line Voltage connector.
- Technology Partner GEBC.

Features and Benefits

- Bluetooth to 0-10V signal converter Bluetooth® mesh network.
- Built-in 20mA 0-10V signal output.
- Mesh network, which has a much longer control distance, transmits received signals to neighboring devices.
- All devices on 0-10V line are broadcast controlled by mobile application.
- In typical outdoor environment, the typical range for wireless communication is 164ft (50m).
- Actual range is dependent on field installation.
- Available with button reset (press the button on sensor for 5 seconds) and remote reset (press "RESET" + "ON/OFF" buttons in sequence).
- On-board antenna.

Technical Data

Motion Sensor	Passive infrared sensor	
Input Power	120/277VAC 50/60Hz	
Control Output	0-10V, max 25mA sinking current	
Maximum load	Resistive/Tungsten - 600W @120V Electronic Ballast - 800W @120V/1200W @277V	
Detection Angle	360°	
Lens L1	Max. detection radium 30ft; Max. mounting height 25ft	
Lens L1	Max. detection radium 30ft; Max. mounting height 40ft	
Operating Temperature	-40°F to +167°F (-40°C to +75°C)	
Max Bluetooth Range	164ft (50m)	
Warranty	5 years	
LITELUME www.litelume.com www.litelume.com info@litelume.com 833.LED.LUME	Page 1/3 LITELUME™ seeks to deliver the most advanced and efficient LED technology. Due to technology progression, specifications may change. We reserve the right to update product specifications without notice. Contact LITELUME™ for the most up-to-date data.	



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Dimensions





Sensor Coverage

L1 Low Bay			
	Top View	Side View	
	9. Im (30 ft) 6. Im (20 ft) 3. dm (10 ft) 5. dm (10 ft) 6. Im (20 ft) 9. Im (30 ft) 9. Im	2.4m (8 ft 2.4m (8 ft 6.1m 20 ft 7.6m (25 ft 9.1m 6.1m 3.0m 0 3.6m 6.1m 9.1m (30 ft (20 ft) (10 ft) (10 ft) (20 ft) (30 ft)	
L2 High Bay			
	Top View	Side View	
	8 tm (30 ft) 6 tm (20 ft) 3 60° 3 m (10 ft) 6 tm (20 ft) 3 m (10 ft) 6 tm (20 ft) 0 tm 10 ft) 8 tm (30 ft) 0 tm 10 ft) 10	6 fm (20 ft) 9 fm (30 ft) 12 2m (40 ft) 9 fm 2 fm (20 ft) 10 ft) 9 fm 2 fm 3 m 0 3m 8 fm 9 fm (30 ft) (20 ft) (10 ft) (20 ft) (30 ft)	

Wiring Diagram





Project Name	
Catalog #	
Job Type	
Prepared By	
Notes	

Ordering Information

Part #		Description
BRI819P-B-D-BLE-GE	-	Homewell GEBC 120-277V 0-10V Bluetooth PIR Sensor

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