

# Bluetooth Passive Infrared sensor

## SPECIFICATION

The BRI619-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

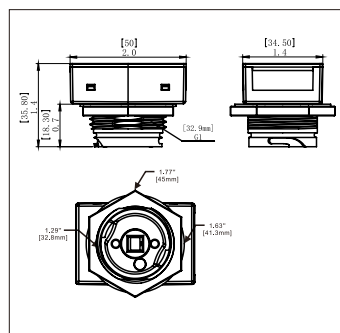
## OVERVIEW

- 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.
- Low Voltage connector.
- Technology Partner SILVAIR.



## 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 200ft(60m).
- Actual range is dependent on field installation.
- Available with Magnetic reset (Touch the top part of sensor for 5 seconds).
- On-board antenna.

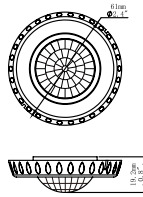
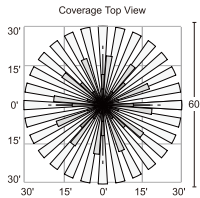
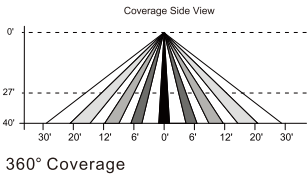


## TECHNICAL DATA

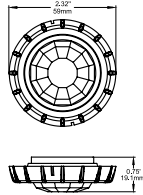
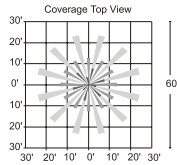
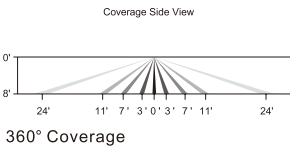
Motion Sensor	Passive infrared sensor
Input Power	12-24VDC, >50mA
Control Output	0-10V, Max. 25mA sinking current
Mounting height	Max. 40ft (12m)
Detection angle	360°
Operating temperature	-20°C-60°C
IP rating	65
Max Bluetooth Range	200ft(60m)
Warranty	5years

SENSOR COVERAGE

L3

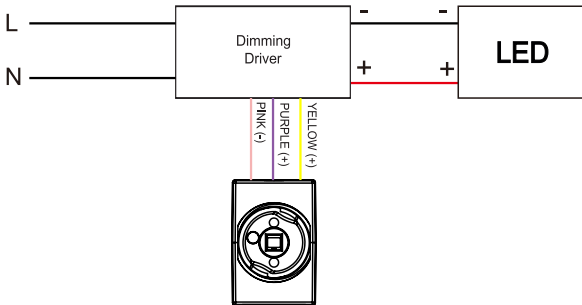


L4

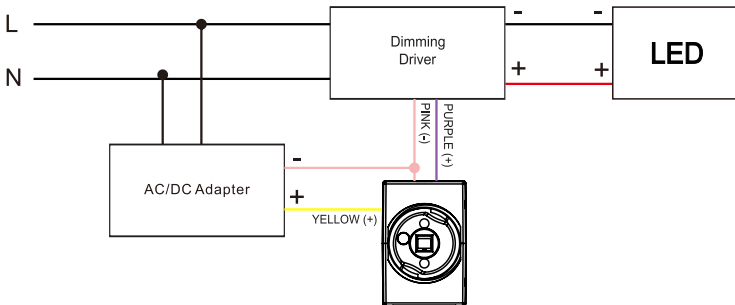


WIRING DIAGRAMS

Wiring with 12-24V DC wire dimming ballast or LED driver.



Wiring by AC/DC Adapter with dimming ballast or led driver.



ORDERING INFORMATION

BRI619-BLE-SR

Bluetooth Passive Infrared sensor

## FCC STATEMENT

1. 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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

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.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, 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 to 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.

