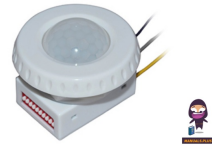


SHARKWARD BRI619-BLE-SR Bluetooth Passive Infrared Sensor



# SHARKWARD BRI619-BLE-SR Bluetooth Passive Infrared Sensor User Manual

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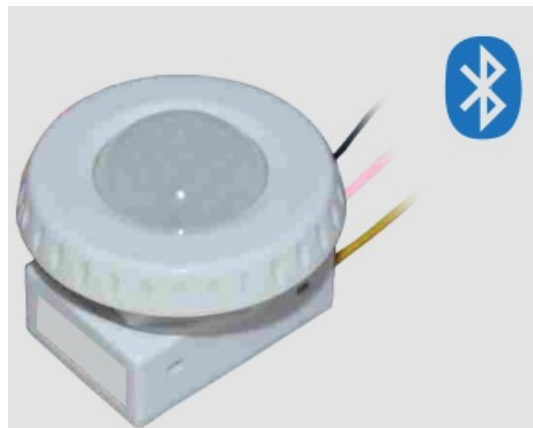


**SHARKWARD BRI619-BLE-SR Bluetooth Passive Infrared Sensor**



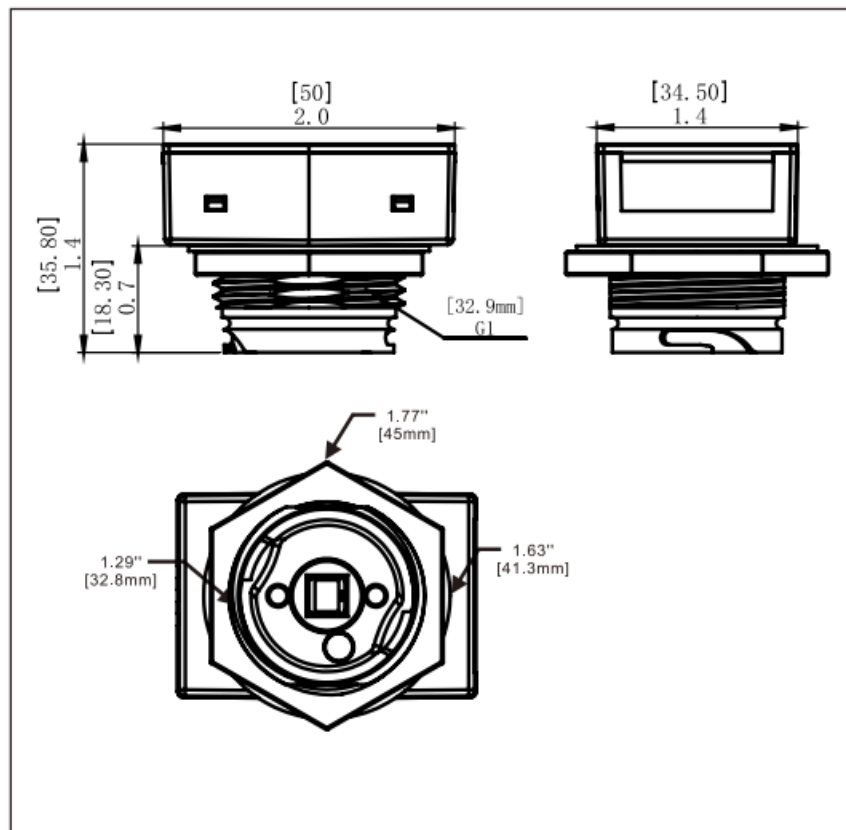
## SPECIFICATION

- 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

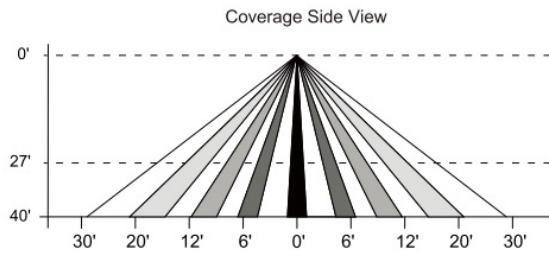
- Bluetooth to 0-10V signal converter, Bluetooth® mesh network.
- Built-in 20mA 0-10V signal output.
- A mesh network, which has a much longer control distance, transmits received signals to neighbouring devices.
- All devices on the 0-10V line are broadcast controlled by mobile application.
- In a typical outdoor environment, the typical range for wireless communication is 200ft(60m).
- The actual range is dependent on field installation.
- Available with Magnetic reset (Touch the top part of the sensor for 5 seconds).
- On-board antenna.

## TECHNICAL DATA

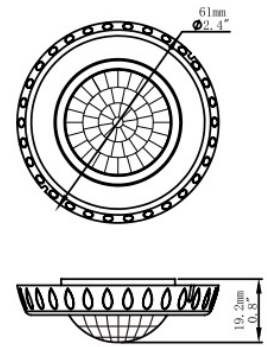
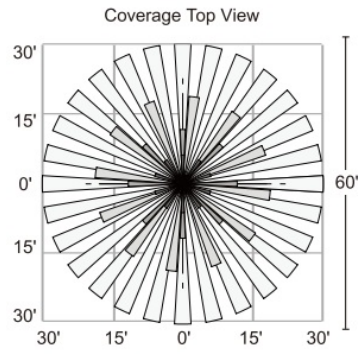
- **Motion Sensor** Passive infrared sensor
- **Input Power** 12-24VDC,>50mA
- **Control Output** 0-10V, Max. 25mA sinking current
- **Mounting height** Max.40ft(12m)
- **Detection angle** 360°
- **Operating temperature** – 20°C-60°C
- **IP rating** 65
- **Max Bluetooth Range** 200ft(60m)
- **Warranty**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

## SENSOR COVERAGE

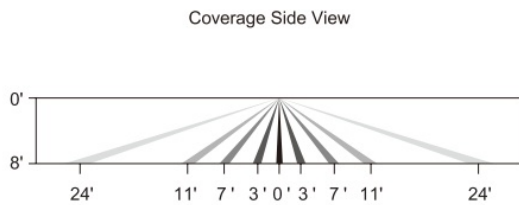
**L3**



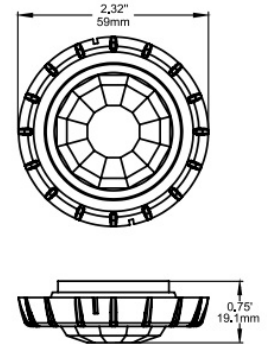
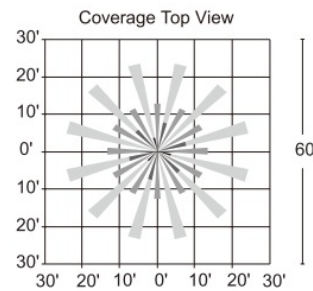
360° Coverage



**L4**

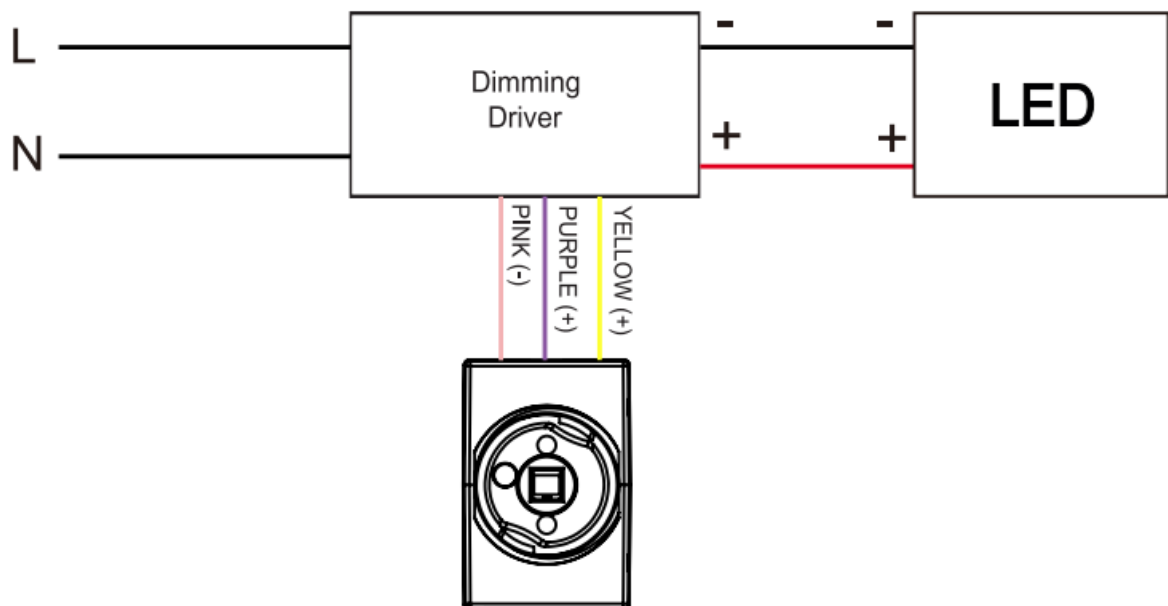


360° Coverage

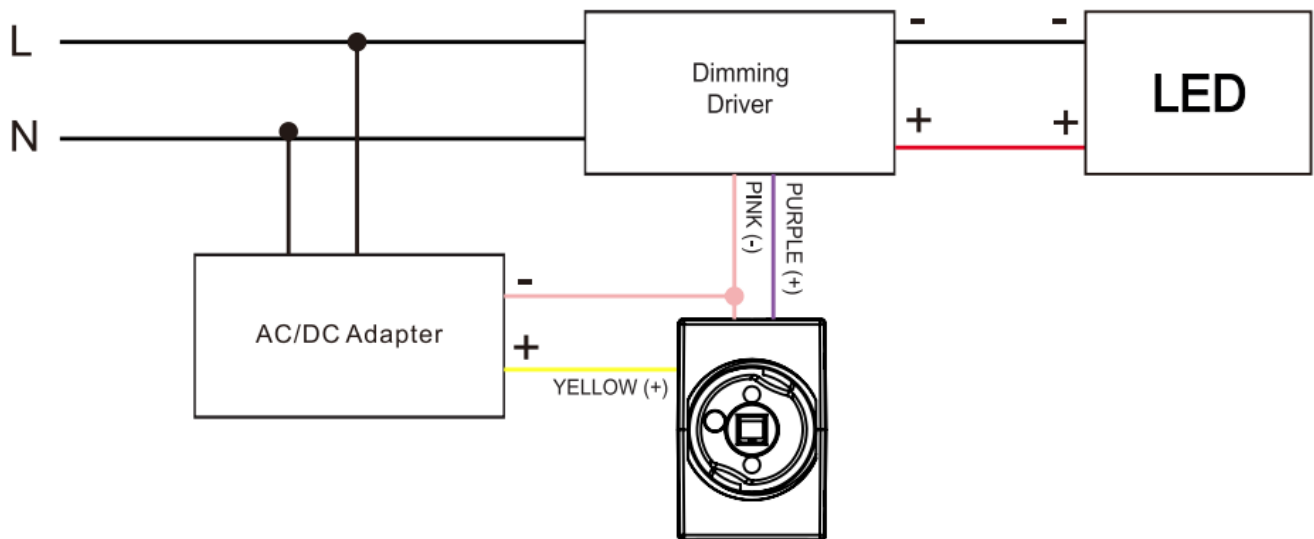


## WIRING DIAGRAMS

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

### FCC STATEMENT

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, according 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 per 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 the receiver.

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**SHARK**  
BRI619

- User Manual

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