



## SHARKWARD BRI819P-B-D-BLE Bluetooth Fixture Sensor Owner's Manual

[Home](#) » [Sharkward](#) » SHARKWARD BRI819P-B-D-BLE Bluetooth Fixture Sensor Owner's Manual 

### Contents

- [1 SHARKWARD BRI819P-B-D-BLE Bluetooth Fixture Sensor](#)
- [2 SPECIFICATION](#)
- [3 SENSOR INFORMATION](#)
- [4 Documents / Resources](#)
- [5 Related Posts](#)



### SHARKWARD BRI819P-B-D-BLE Bluetooth Fixture Sensor



## SPECIFICATION

The Sharkward Bluetooth Fixture Sensor is designed for indoor applications. Integrated sensors capture data that is both processed locally and transmitted over the Sharkward network, enabling a full suite of applications. In addition, the sensor supports Bluetooth® Low Energy communication with tags and other BLE devices.

### OVERVIEW

The Bluetooth Fixture Sensor is a complete sensing and lighting control node powered from its attached light fixture. Sensor information combined with a configurable behavior profile makes the fixture Sensor an integral component of an intelligent lighting control and sensing solution. With integrated wireless communications for data transmission and remote configuration as well as autonomous fixture-level control, this sensor brings advanced lighting automation to a whole new level.

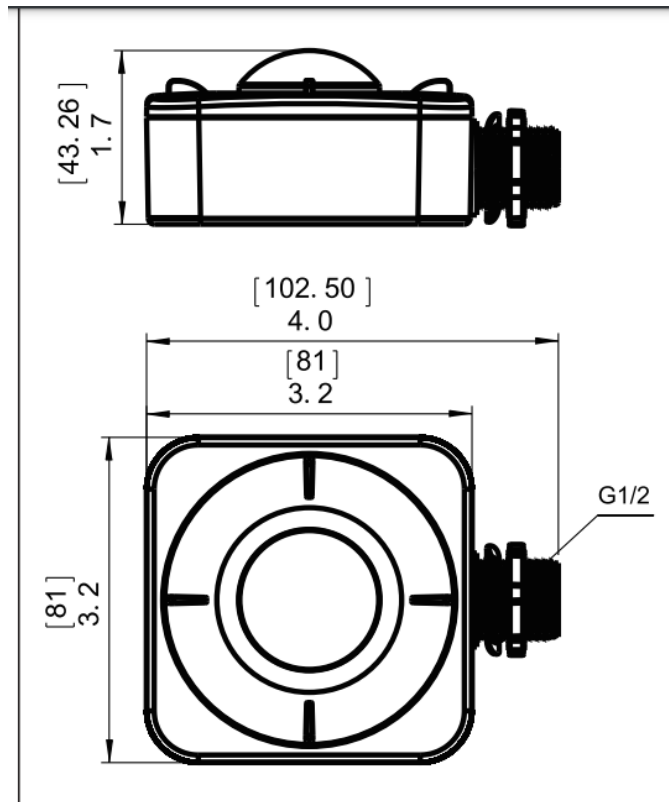


## FEATURES AND BENEFITS

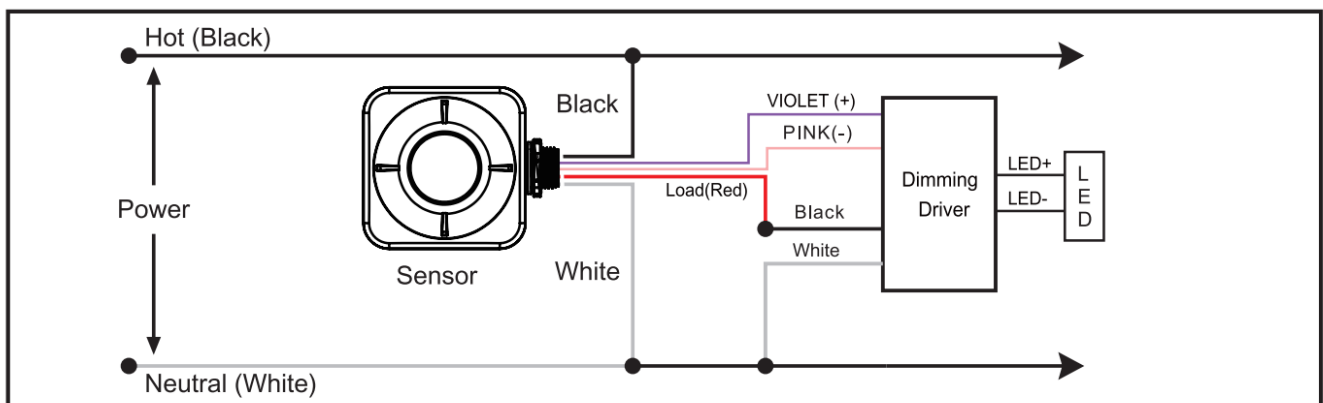
- **Sharkward Fixture Sensor DLC:** Meet DLC 5.2 Networked Lighting Control System.
- **Localized Lighting Control:** Light-level schedules, preferences, and profiles for each fixture are wirelessly communicated at system setup and stored for continuous operation.
- **Bluetooth Low Energy:** An embedded BLE radio allows the sensor to receive and transmit beacons as well

as support communication with lighting control devices and other sensors.

- **Occupancy/Vancacy/Manual:** A digital Passive Infrared (PIR) sensor combined with ambient with 3 difference modes as options.
- **Channel:** 0-1 OV.
- **Daylight Harvesting:** Captured ambient light information is locally processed to raise and lower light levels based on available daylight.
- **Room and Zone Control:** Pairs with room switches for code-compliant manual-on or auto-off capability. Sensors can be grouped into zones that share occupancy sensing data and coordinate light control based on detected motion.

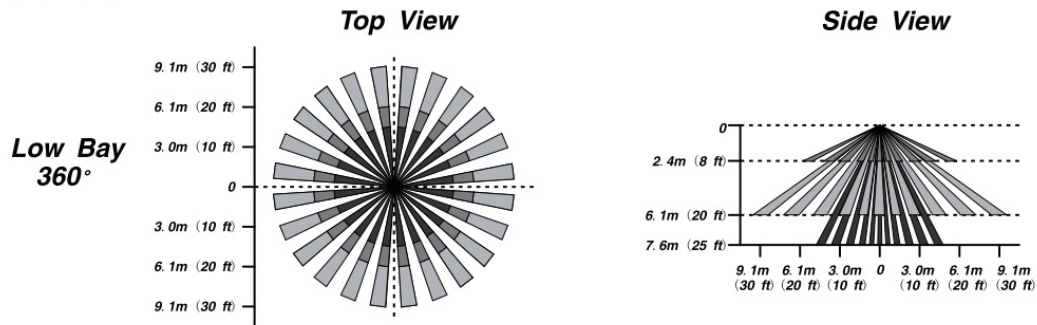


## WIRE CONNECTION DIAGRAM

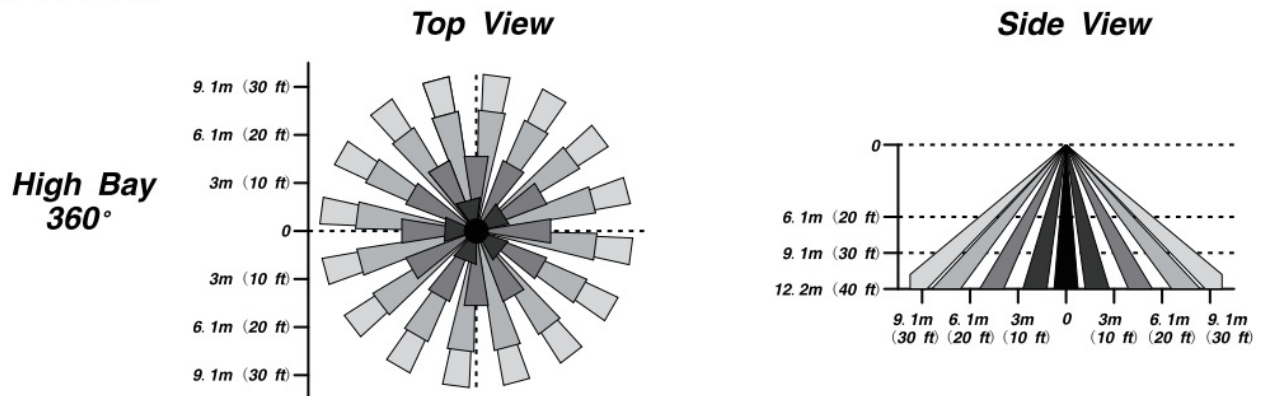


## SENSOR INFORMATION

## L1 Len



## L2 Len



### TECHNICAL DATA

- Motion Sensing: Passive IR
- Input Power: 120-277VAC 50/60Hz
- Control Output: 0-1 0V,max 25mA sinking current
- Maximum load: Resistive/Tungsten – 600W@120V
- Electronic Ballast – 800W@120V/1200W@277V
- Len L 1: Max. detection radius 30ft; Max. mounting height 25ft
- Len L2: Max. detection radius 30ft; Max .mounting height 40ft
- Operating temperature: -40° C-+ 75° C
- Wireless Standards: 5.0 Bluetooth Mesh

### ORDERING INFORMATION

BRI819P-B-D-BLE Bluetooth Fixture Sensor

### COMPLIANCE



- Europe CE roHs Reach



- United States



- Canada

## Documents / Resources

	<p><a href="#">SHARKWARD BRI819P-B-D-BLE Bluetooth Fixture Sensor</a> [pdf] Owner's Manual BRI819P-B-D-BLE, BRI819P-B-D-BLE Bluetooth Fixture Sensor, Bluetooth Fixture Sensor, Fixture Sensor, Sensor</p>
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