

Bluetooth Fixture Sensor

SPECIFICATION

The Bluetooth Passive Infrared Sensor is designed for outdoor 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 Passive Infrared 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.

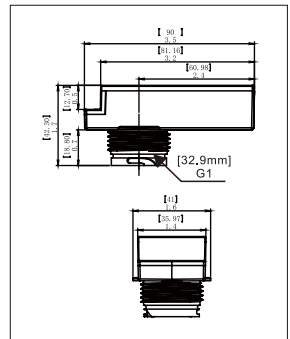
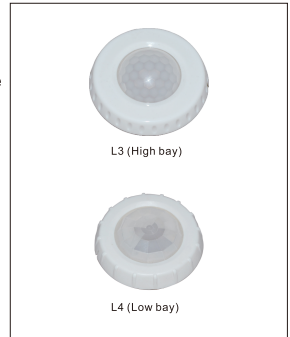
Bluetooth Low Energy: An embedded BLE radio allows the sensor to receive and transmit beacons as well as support communication with lighting control devices and other sensors.

Occupancy/Vacancy/Manual: A digital Passive Infrared (PIR) sensor combined with ambient with 3 difference modes as options.

Channel: 0-10V .

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.



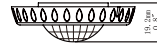
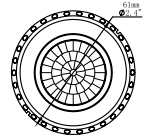
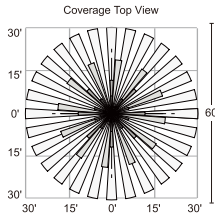
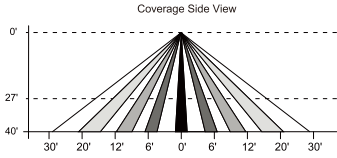
TECHNICAL DATA

Motion Sensing	Passive IR
Input Power	120/277VAC 50/60Hz
Control Output	0-10V,max 25mA sinking current
Maximum load	Tungsten - 660W@120V/1200W@277V Electronic Ballast(LED/CFL) - 5A@120V/5A@277V
Len L3(High bay)	Max.detection radius 30ft; Max.mounting height 40ft
Len L4(Low bay)	Max.detection radius 30ft; Max.mounting height 25ft
Operating temperature	-40°C~+70°C
Wireless Standards	5.0 Bluetooth Mesh

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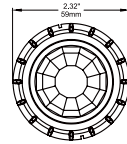
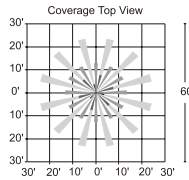
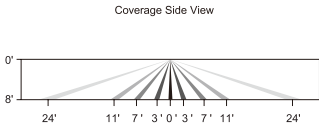
SENSOR INFORMATION

L3



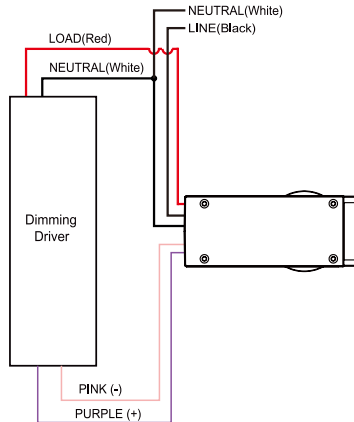
360° Coverage

L4



360° Coverage

WIRE CONNECTION DIAGRAM



ORDERING INFORMATION

BRI823-B-D-BLE Bluetooth Fixture Sensor

COMPLIANCE

Europe RoHS

United States

Canada