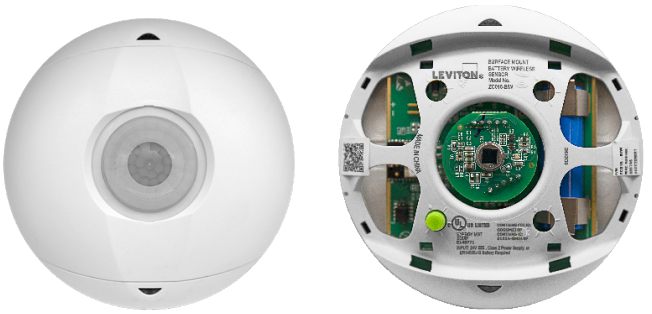
Product Data
ZC015-BIW

Zigbee Passive Infrared (PIR) Occupancy Sensor & Photocell



Description

The Leviton Zigbee Passive Infrared (PIR) Occupancy Sensor and Photocell (ZC015) is a communication device designed to be used as a part of larger wireless system to communicate occupancy and/or light levels to a Leviton Room Controller or Zigbee 3.0 compatible room controller/ gateway.

The ZC015 uses innovative sensing technology with a digital PIR sensor located directly behind a unique multi-zone optical lens. ZC015 is also equipped with a high-resolution digital photocell for applications that require daylight harvesting or ambient light hold-off.

The robust and reliable battery-powered ZC015 enables flexible placement allowing sensors to be mounted wherever needed without the complexity of moving or installing new wiring. The ZC015 requires use with the Lumina™ RF Keypad Room Controller or the GreenMAX® DRC Wireless Keypad Room Controller, or a Zigbee 3.0 compatible room controller/ gateway for operation.

Features

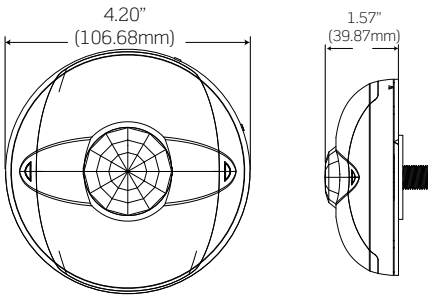
- True wireless—place the sensor in the optimal location for any application to capture minor motion and reduce false OFFs
- Wireless mesh network—self-healing mesh network has no hardwired backbone and connects all products together for a more robust and reliable wireless system
- No additional wiring—battery-powered wireless technology eliminates the need to pull additional wire, making installation quick and easy and increasing labor savings with little to no impact to business during conversion

Features, cont'd

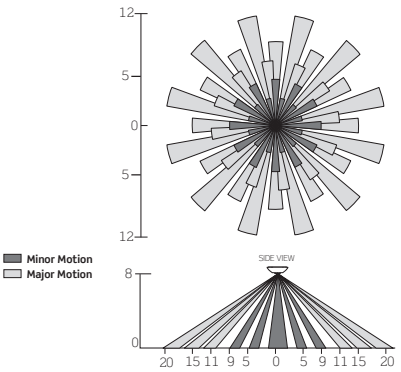
- 7-10 year battery life
- Optional 24VDC adapter for use with a power pack
- Walk test mode—3 minutes with auto exit programming
- Programming for device done through the GreenMAX DRC App
  - Sensitivity, time out via the GreenMAX DRC App and photocell functionality is configured through the app
  - No DIP switches
  - Pairing Mode—time out after 1 minute
- Continually monitors changes in light levels and reports to the room controller for full daylight harvesting and ambient light hold-OFF
- Easy mounting—easily mount to ceiling or surface using a ceiling tile stem, surface mount screws, or double-sided tape
- Advanced 1,000-2,000 sq. ft. field-of-view—superior detection for parallel and perpendicular motion; innovative technology detects motion moving directly toward the sensor; 360° rotation to fine tune the field-of-view
- Complies with IEEE 80.15.4 standards for domestic and international wireless networks
- Code compliant energy management functionality—can be used as a component in a system to meet energy code requirements for IECC, ASHRAE 90.1, and 2022 Title 24, Part 6 space/area control, dimming, manual-ON/OFF, occupancy/vacancy control and automatic shutoff requirements

Leviton Manufacturing Co., Inc. Lighting & Controls
10385 SW Avery Street, Tualatin, OR 97062 **tel** 800-736-6682 **tech line** (6:00AM-4:00PM PT Mon-Fri) 800-959-6004
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Dimensions Diagram



Field of View Diagram



Specifications

Electrical	
Frequency	2.4Ghz
Range	Up to 75’ between wireless devices
Transmission Interval	15 seconds
Battery Life	7-10 years
Battery Type	Lithium 3.6V non-rechargeable battery (Jauch ER14505J-S, EVE ER14505, or SAFT LS14500)
Environmental	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-4° to 158°F (-20° to 70°C)
Relative Humidity	0-95%, non-condensing
Usage	Indoors only
Other	
Mounting Height	8-12’ (2.43m - 3.65m)
Energy Codes	Can be used as a component in a system to meet energy code requirements for IECC, ASHRAE 90.1, and 2022 Title 24, Part 6 space/area control, dimming, manual-ON/OFF, occupancy/vacancy control and automatic shutoff requirements
Listing	FCC ID: QOQGM210P, IC: 5123A-GM210P , IC Certified (Canada) Listed
Warranty	5-year Limited

Ordering Information

Zigbee PIR Occupancy Sensor	
Cat. No.	**Description**
ZC015-BIW	Wireless PIR Occupancy Sensor and Photocell, 1,500 sq ft
SLI24-000	Optional 24VDC Power Adapter

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Visit our Website at: www.leviton.com/sensors

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