

# GreenConnect Wireless Passive Infrared (PIR) Occupancy Sensor & Photocell



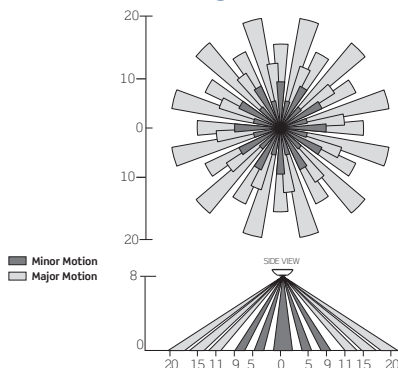
## Description

GreenConnect delivers simple wireless lighting control by adding wireless control to virtually any switching or dimming load. Compatible with various lamp fixtures and load control devices, GreenConnect offers a scalable and flexible wireless solution to meet the control needs of virtually any space. No new wiring, room controller, hub, or commissioning is required. Ideal for retrofits and new construction.

The GreenConnect Wireless Passive Infrared (PIR) Occupancy Sensor and Photocell (ZC015) is a wireless, ceiling-mount, battery-powered communication device used to detect motion and to measure light levels to control lighting loads accordingly when paired with a GreenConnect Load Controller.

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 ZC015 is truly wireless, enabling flexible placement wherever needed without the complexity of moving or installing new wiring.

## Field of View Diagram



## Features

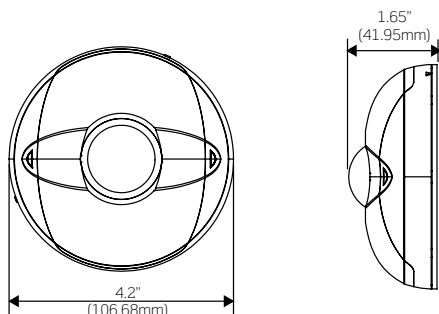
- True wireless—place the sensor in the optimal location for any application to capture minor motion and reduce false OFFs
- Wireless mesh network—self-healing mesh network has no hardwired backbone and connects all products together for a more robust and reliable wireless system
- No additional wiring—battery-powered 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
- 7-10 year battery life
- Optional 24VDC adapter for use with a power pack
- Walk test mode
- Continually monitors changes in light levels 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 1,500 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 2025 Title 24, Part 6 space/area control, dimming, manual-ON/OFF, occupancy/vacancy control and automatic shutoff requirements

## Leviton Manufacturing Co., Inc. Lighting & Controls

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## Dimensions 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)                                                                                                                                            |
| Power Consumption           | 40mA at 3.3V                                                                                                                                                                                                                      |
| 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 2025 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                                                                                                                                                                |
| Weight                      | 0.51lbs (0.23kg)                                                                                                                                                                                                                  |
| Warranty                    | 5-year                                                                                                                                                                                                                            |

## Ordering Information

| GreenConnect Wireless PIR Occupancy Sensor |                                                                       |
|--------------------------------------------|-----------------------------------------------------------------------|
| Cat. No.                                   | Description                                                           |
| ZC015-BIW                                  | GreenConnect Wireless PIR Occupancy Sensor and Photocell, 1,500 sq ft |
| SLI24-000                                  | Optional 24VDC Power Adapter, for use with Power Packs                |

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Visit our Website at: [www.leviton.com/greenconnect](http://www.leviton.com/greenconnect)

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