

Lumina™ RF Occupancy Sensor

Wireless PIR Sensor



BASIC OPERATION

Introducing the Lumina™ RF Wireless Passive Infrared (PIR) Occupancy Sensor (ZSC04), part of the Lumina RF solutions line. Lumina RF products ensure energy savings in new construction and retrofits.

The Lumina RF wireless sensor's design overcomes placement and coverage challenges of traditional sensors. The robust and reliable, battery-powered ZSC04 enables flexible placement allowing sensors to be mounted wherever needed without the complexity of moving or installing new wiring.

The ZSC04 is compatible with other 2.4 GHz Lumina RF products, allowing facilities to create scalable wireless energy management systems.

The Lumina RF wireless sensors use innovative sensing technology with a 4-element PIR located directly behind a unique multi-zone optical lens. This combination establishes twice as many zones of detection as traditional sensors. The zones can be configured (masked) to block out unwanted traffic zones (i.e. outside hallway traffic).

APPLICATIONS

- Retrofits
- New construction
- Conference rooms
- Transceiver: 2-way communication with acknowledgement
- Retrofits with SYLVANIA Smart + Lamps and Luminaires using DLDNK keypad

FEATURES

- **Zero external power required**—with no power wire limitations, the installer can place the sensor in the optimal location of any application to capture minor motion and reduce false OFFs
- **Coordinator feature**—self-healing wire mesh feature has no hardwired backbone and connects all products together for a more robust and reliable system
- **True wireless**—robust and reliable sensors communicate with all Lumina RF transceivers via radio frequency
- **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
- **Walk test mode**—3 minutes with auto exit programming
- **LED flexibility**—enable and disable LEDs for applications where brightness is a factor (i.e. hospitality)
- **Easy mounting**—easily mount to ceiling or surface using a ceiling tile stem, surface mount screws or double sided tape
- **Advanced field-of-view**—superior detection for parallel and perpendicular motion; innovative technology detects motion moving directly toward the sensor; 360° rotation to fine-tune field-of-view
- **Complies with IEEE 802.15.4 standards**—for domestic and international wireless networks

NOTE: For use in a Lumina RF Standalone Room Controller System only. SYLVANIA manufactured by LEDVANCE Smart + Lamps and Luminaires with Lumina RF Keypad Room Controllers (DLDNK), Lumina RF Occupancy Sensor (ZSC04), Lumina RF Photocell (LURPC) and the Neuron App.

Leviton Manufacturing Co., Inc. Energy Management, Controls and Automation

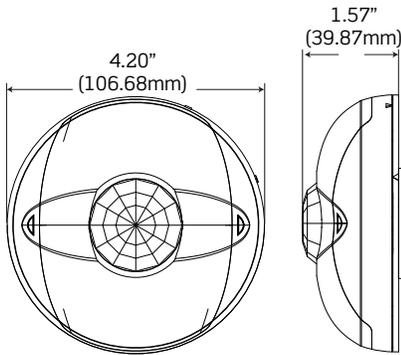
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PRODUCT DATA

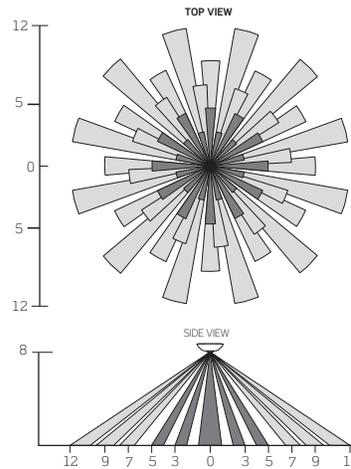


DIMENSIONS



FIELD-OF-VIEW (IN FEET)

ZSC04



SPECIFICATIONS

ENVIRONMENTAL	
Frequency	2.4 GHz
Range	Up to 75' between Lumina RF devices
Transmission Interval	15 seconds
Battery Life	7-10 years
Battery Type	Panasonic CR2450
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
Mounting Height	8-12'
OTHER	
Listings	Complies with IEEE 802.15.4, UL 916 standard for energy management equipment, can be used to comply with IECC, ASHRAE 90.1, and 2016 Title 24, Part 6, requirements for occupancy/vacancy sensing
Radio Certifications	FCC certified for wireless communication (U.S.), IC Certified (Canada) FCC ID: W7Z-ZICM357SP0 IC: 854A-ZICM357SP0
Warranty	Limited 5-year

ORDERING INFORMATION

CAT. NO.	SYLVANIA NAED NO.	DESCRIPTION
ZSC04-1xW*	75568	Lumina RF PIR Occupancy Sensor, 450 sq ft
ZSC15-1xW*	75567	Lumina RF PIR Occupancy Sensor, 1,500 sq ft

LUMINA RF STANDALONE ROOM

CONTROLLER SYSTEM COMPATIBILITY CHART

Lumina RF Standalone Room Controller System		
Room Controller		DLDNK Lumina RF Keypad Room Controllers**
Compatible Products		
Occupancy Sensors		ZSC04 Lumina RF Wireless Occupancy Sensors
Photocells		LURPC Lumina RF Wireless Photocell**
Remote Keypads		DLDNK Lumina RF Keypad Room Controllers**
Configurator Tool		Leviton Neuron App**
Load Control		Smart + Lamps and Luminaires***

Contact Leviton for a complete list of Lumina RF wireless solutions. The line includes wall switch wire-in receivers, transmitter switches, thermostats, room controllers and more.

* x= Contact factory for (A) ARRA compliant product. NAFTA compliant and Made in USA models available.

** Not compatible with other Lumina RF Gateway products.

*** Sold separately. Refer to www.sylvania.com for additional product information.

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

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