



Wireless Passive Infrared
Occupancy & Photo Sensors
Wiring and installation manual

Overview

The wireless passive infrared (PIR) & Photo sensors collect occupancy and daylight information from a lighted space and works with the ENCELIUM® EXTEND Networked and ENCELIUM EDGE™ Standalone Wireless Light Management Systems. Wireless PIR/photo sensors are powered by standard batteries (2 x AA) and intended to be installed onto a ceiling surface or electrical box.

The following model(s) are available:

- EN-SCPPH-0450-ZB Standard Range
- EN-SCPPH-1500-ZB Extended Range
- EN-SCPPH-HB-ZB High Bay

Important Safeguards



When using electrical equipment, basic safety precautions should always be followed including the following:

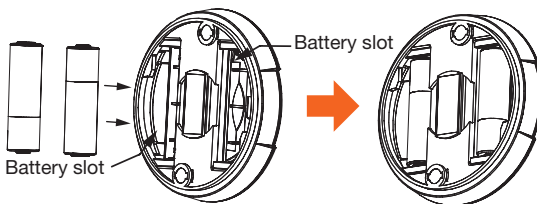
- READ AND FOLLOW ALL SAFETY INSTRUCTIONS.
- Do not mount near gas or electric heaters.
- Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
- The use of accessory equipment is not recommended by OSRAM as it may cause an unsafe condition.
- Do not use this equipment for other than the intended use.



SAVE THESE INSTRUCTIONS

Battery Installation

Two AA alkaline batteries are provided with the wireless PIR/photo sensor. When replacing these batteries, use only alkaline type batteries. Install the batteries according to the battery compartment markings.

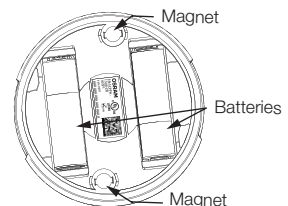


Sensor Installation

There are various methods that may be used to affix the Wireless Sensor (WS) to a ceiling surface.

Magnetic:

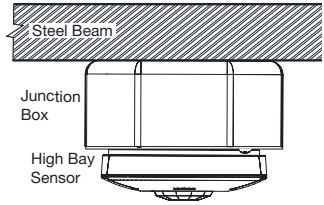
Magnets have been incorporated into the WS allowing the device to be affixed to a metallic ceiling surface (metal plate, drop-ceiling T-bar, etc). THE SENSOR'S REAR PLATE MUST BE REMOVED WHEN UTILIZING THIS INSTALLATION METHOD.



Sensor Installation (continued)

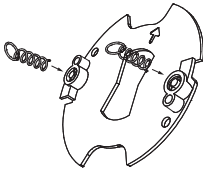
High Bay Installation:

High bay sensors are typically utilized in industrial spaces such as warehouses, distribution facilities and manufacturing facilities. OSRAM recommends attaching the high bay sensor directly to a junction box's metal base plate as shown when installing in these spaces.

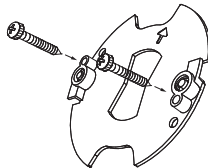


Surface-mount:

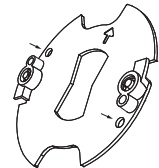
The WS may be installed directly to a ceiling surface (ceiling tile, drywall ceiling, etc). There are several techniques available to affix the WS directly to ceiling surfaces.



Helical Screw



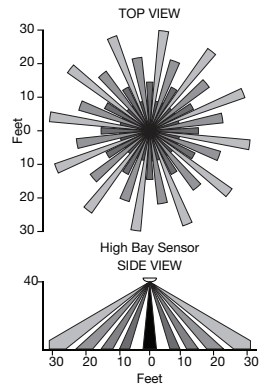
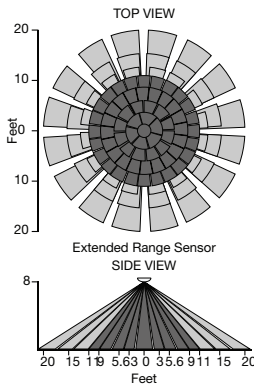
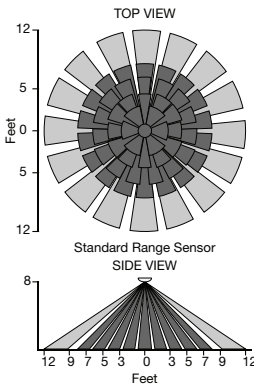
Thumb Screw



Drywall or Wood Screw (#6)

Installation Notes

The WS must be installed in dry, indoor locations ONLY. Do not install the WS in damp locations. Damp locations are defined as: interior locations subject to moderate degrees of moisture, such as basements, barns, cold-storage warehouses, as well as partially protected locations under canopies, marquees and porches with open roofs. The WS provides a 360° coverage pattern. It is recommended that the sensor be installed more than 4 feet away from air supply vents.

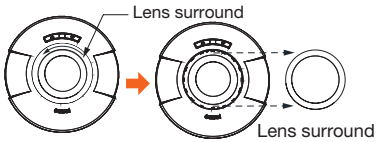


Troubleshooting

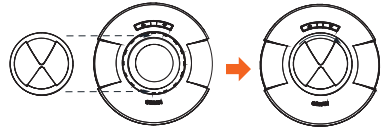
There are no user-serviceable parts inside of the WS. Please return the device to OSRAM if service is required.

Sensor Mask Installation

Remove the ring (lens surround) from the sensor assembly. This can be achieved by rotating the ring counter-clockwise.



Place the supplied mask and rotate clockwise until it latches.



Regulatory Approvals

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

This equipment has been tested and found to comply with Industry Canada ICES-003 Issue 5 (CAN ICES-3 (A)/NMB-3(A)).

Contains FCC ID: H79DFZM-E7220

Contains IC ID: 4259B-DFZM7220

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