

OFD1Z-I0W



Color :  White

UPC Code : 078477214107

Country Of Origin : China

Smart Sensor with Photocell, End/Fixture Mount, PIR, Occupancy Sensor, 120-277VAC, 50/60 Hz, 8-20 FT and 20-40 FT Lens Included, Bluetooth™ Connectivity, Bulk Pack 25 per Case

Dimming Daylight Harvesting PIR Occupancy Sensor; End /Fixture Mount; 120-277VAC 50/60 Hz; IP66 Rating for High and Low-Temp, Watertight, Indoor/Outdoor; Single Zone 0-10V Dimming, 120-277VAC single-pole 5A relay; 8-20' Lens and 20-40' lens included, bulk pack, 25/case

Leviton Smart IP66 Passive Infrared (PIR) Integrated Fixture Mount Sensors are designed for use with switching or 0-10V LED dimming drivers, and fluorescent ballasts. The sensors use PIR detection technology and advanced optics to provide an exceptional Field-of-View (FOV) for mounting heights from 8-40 ft. The sensors detect motion and turn lights ON when an occupant passes in or out of a sensor zone. The lights remain ON as long as the occupant moves through the sensor zones and after throughout the timeout period. The sensor uses a minor motion feature to detects small body movements which allows the lights to stay ON when individuals in the space are nearly stationary. The major motion feature exhibits a lesser degree of sensitivity requiring larger movements. Configuration is made using the Leviton Smart Sensor App from a smartphone or other Bluetooth®-enabled Android or iOS device.

Do you have a question about an occupancy sensor or vacancy sensor?

Technical Information

Electrical Specifications

Dimming Technology : 0-10VDC

Frequency : 50/60Hz

Load Rating : See Product Specification/Data Sheet

Voltage : 120-277 VAC

Environmental Specifications

Environment : Indoor/Outdoor

Operating Temperature : -40° C to 75°C

Relative Humidity : 0% to 90% non-condensing

Storage Temperature Range : -40° to 185°F (-40° to 85°C)

Mechanical Specifications

Color : White

Grade : Commercial

IP Rating : IP66 (Type 3R)

Mounting Type : End/Light Fixture Mount

Sensor Mounting

Configuration : External

Size : Width: 2.14" (54.4 mm)
Length: 6.12-6.63" (155.4-168.6 mm)
Depth: 1.61" (41.0 mm)

Performance Specifications

Pattern : 360°

Product Features

Application :

Warehouses|Loading
bays|Outdoor Lighting|Parking
garages|Gymnasiums|Libraries|High
bay|Wet Location

Commissioning : App Enabled

Mounting : Mounts on Light
Fixture

Product Line : Smart Sensors

Sensor Technology : Passive
Infrared (PIR)

Sensor Type : Occupancy /
Vacancy

Standards and Certifications

Listings : Can be used to
comply with IECC, ASHRAE
90.1, and 2019 Title 24, Part 6
occupancy/vacancy sensing
and dimming requirements

Type

Product Type : Smart Sensor
with Photocell

Warranty

Warranty : 5-Year Limited

Features and Benefits

- Can be used to comply with IECC, ASHRAE 90.1, and 2019 Title 24, Part 6 occupancy/vacancy sensing and dimming requirements
- IP66 rated (when installed in an appropriate IP66 rated enclosure/fixture)
- 120-277V Models
 - 120-277VAC 1-pole
- Universal voltage models120-347VAC 1-pole
 - 208-480VAC 2-pole
- Mesh grouping16 devices per group
 - Occupancy
 - Daylighting
- Scheduling - Universal voltage models only
 - Weekly scheduling
 - Time clock or astronomical clock
 - Change level, operating mode, daylight mode
 - Models without the integral scheduling feature can be part of a group with scheduling
 - Controls LED lighting loads up to 6.7A
- Single-level switching
- Occupancy mode:
 - Disabled (Photocell only)
 - Auto-ON/Auto-OFF
- 360° field-of-view provides up to 8,250 square feet of coverage 8-20 ft. and 20-40 ft. lenses plus aisle way masks included

SPECIFICATION SUBMITTAL

JOB NAME: 	CATALOG NUMBERS: 	
JOB NUMBER: 		

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Visit our Website at: www.leviton.com

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If you would like to know where your local Leviton office is located please go to:
www.leviton.com/company/about-leviton/locations

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