LEVITON

OSSNL-IDW

AutoON/AutoOFF PIR Occupancy Sensor (ManualON/AutoOFF selectable) lighting control, 1FC Nightlight (dimmable), Vandal resistant, Manual Wall Switch. Robust Single Latching 10A Relay, Neutral wire required, 120/208/220/230/240/277VAC, 50/60hz, Field of View 2100 sq ft (Motion: Major 60'x40'; Minor 40'x20'), Dual Pyrometers for true 180 degree view with Blinders (32 degree block on each side), Adjustable time delay between 30s-2h, Light Sensor (Photocell) included for Ambient Light Hold-Off feature. CEC Title 20/24, ETL Listed, RoHS Compliant, Color: White

The passive infrared (PIR) sensor detects motion from a heat-emitting source within its field-of-view to automatically switch lights ON and OFF, offering the same performance features as the ODS family of occupancy sensors. OSSNL has the ability to reduce (dim) and turn off the "Guide Light" function with a simple dial setting. The LED NightLight consumes less than 1/2 W providing energy savings and guide lighting when room lights are off.

UPC Code : 078477306864

Country Of Origin : China

Technical Information

Product Features

Adjustment : Manual

Color : White

Consumption (mA) : N/A

Coverage (Sq.Ft.) : 1200

Device Type : Occupancy Sensor

HVAC Relay : N/A

LED Color : Red

Load Rating : 800W@120V INC 1200VA@120V 2700VA@277V FL

Motor : 1/8 HP @ 120V

Mounting : Wall Switch

Mounting Height (Ft.) : 4 Ft.

Neutral Wire Connection : Required

Operating Temperature : 0°C to 40°C

Pattern : 180°

Photocell : Internal

Power Pack : External Power Pack Not Required

Product Line : OSSNL

Relative Humidity : 20% to 90% non-condensing

Sensor Type : Wall Switch

Size : 4.06" H x 1.75" W x 1.85" D (103.2mm x 44.4mm x 47.2mm)

Standards and Certifications : UL/cUL

Storage Temperature Range : -10°C to 85°C

Switch Type : Single-Pole, LED Nightlight

Technology : Passive Infrared

Time Delay : 30s-2h

Voltage : 120/277 VAC

Wallplate : Order Separately

Warranty : 5-Year Limited

Electrical Specifications

Frequency : 50/60Hz

Voltage : 120/277 VAC

Mechanical Specifications

Neutral Wire Connection : Required

Switch Type : Single-Pole, LED Nightlight

Standards and Certifications

Title 24 Compliant : Yes

Features and Benefits

- To comply with T24, red LED indicator light flashes when sensor detects motion to verify detection is active.

- Time Delay adjustment for delayed-OFF time settings of 30 seconds (for walking test), 10 minutes, 20 minutes, and 30 minutes. Allows customized adjustments to maximize energy savings.

- Light Sensor Adjustable Ambient Light Override ranges from approximately 2 foot-candles (20 lux) to 500+ foot-candles (5000+ lux) to prevent lights from turning ON automatically during periods of ample natural light, increasing energy

savings.

- Light sensor enables the load hold-OFF feature once level has been set.
- Vacancy confirmation - when the time out expires and the relays turn OFF, a 30 second vacancy confirmation exists to turn the relays back ON.
- False detection circuitry.
- Presentation Mode feature for slide or film presentations allows push buttons to turn lights OFF and keep them OFF while the room is occupied.
- LED NightLight offers "Guide Light" functionality.
- Adjustable NightLight illumination setting for continuous or dimmed NightLight.
- NightLight Mode - the factory default setting for the NightLight Mode is Dimmed Mode. This means the NightLight will automatically dim to 5% of full bright-ness after 2 minutes of no occupancy when activated by the internal light sensor.
- One unit can be used for 120V through 277V lighting. Compatible with both electronic and magnetic ballasts.
- Relay switches at the zero crossing point of the AC power curve to ensure maximum contact life and compatibility with electronic ballasts.
- Exclusive Levition H.I.S. Circuitry. Specifically designed to handle today's high inrush electronic ballast loads and offer unmatched durability and service.

SPECIFICATION SUBMITTAL

JOB NAME:	CATALOG NUMBERS:	
JOB NUMBER:		

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If you would like to know where your local Leviton office is located please go to:
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