



Color :  Grey

UPC Code : 078477306888

Country Of Origin : Please Contact Customer Service.

Available Colors :



Ivory



Light Almond



White

OSSNL-IDG

Occupancy Sensor with LED NightLight, PIR, Wall Switch, 2100SF, 120-277V, Grey, Decora®

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 compliant. NAFTA Compliant. Wall plate sold separately. Color: Grey

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.

Technical Information

Standards and Certifications

Listings : cUL/US Certified, NOM, can be used to comply with Title 24, Part 6 occupancy sensing requirements, FCC compliant

Title 24 Compliant : Yes

Product Features

Application : Hotel restrooms, Hospital restrooms, Conference rooms, Classrooms, Small offices, Lounges, Storage areas, Bathrooms

Color : Grey

Feature : Occupancy Sensor with NightLight

Grade : Commercial

Mounting : Wall Switch

Product Line : OSSNL

Sensor Technology : Passive Infrared (PIR)

Sensor Type : Occupancy

Time Delay : 30s-30m

Electrical Specifications

Frequency : 50/60Hz

Load Rating : Fluorescent: 1200VA @ 120V, 2700VA @ 277V - Incandescent: 800W @ 120V - Motor: 1/8 HP @ 120V

Neutral Wire Connection : Required

Power Consumption : 120V, Nightlight OFF = 190mW - 120V, Nightlight ON max = 50mW - 277V, Nightlight OFF = 250mW - 277V, Nightlight ON max = 410mW

Voltage : 120/230/277 VAC

Wiring : Line - Black, Load - Blue, Ground - Green, Neutral - White

Mechanical Specifications

Mounting Type : Wall Switch

Size : Height 4.06" (103.2mm), Width 1.75" (44.4mm), Depth 1.83" (47mm), Install Depth 1.35" (34.4mm), Install Height 2.60" (66.2mm)

Switch Type : Single-Pole, LED Nightlight

Performance Specifications

Coverage (Sq.Ft.) : 1200

Pattern : 180°

Environmental Specifications

Operating Temperature : 32° to 122°F (0° to 50°C)

Relative Humidity : 20% to 90% non-condensing

Storage Temperature Range : 14° to 185°F (-10° to 85°C)

Type

Product Type : Occupancy Sensor

Warranty

Warranty : 5-Year Limited

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 brightness 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 Leviton 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:		

Leviton Manufacturing Co., Inc.

201 North Service Road, Melville, NY 11747

Telephone: +1-800-323-8920 · FAX: +1-800-832-9538 · Tech Line (8:30AM-7:30PM E.S.T. Monday-Friday):

+1-800-824-3005

Leviton Manufacturing of Canada, Ltd.

165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9 · Telephone: +1-800-469-7890 ·

FAX: +1-800-824-3005 · www.leviton.com/canada

Leviton S. de R.L. de C.V.

Lago Tana 43, Mexico DF, Mexico CP 11290 · Tel.: (+52)55-5082-1040 · FAX: (+52)5386-

1797 · www.leviton.com.mx

Visit our Website at: www.leviton.com

© 2021 Leviton Manufacturing Co., Inc. All Rights Reserved. Subject to change without notice.

Leviton has a global presence.

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

www.leviton.com/international/contacts/

