

ODS15-IDW



UPC Code: 07847701022

ODS15-IDW

Brand Features

The ODS15 uses passive infrared (PIR) detection technology to monitor a room for occupancy through a segmented Fresnel lens. This specialized lens divides the field-of-view into sensor zones. When a person passes into or out of a sensor zone, the sensor detects motion and switches the lights ON. The lights will remain ON as long as there is an occupant moving through the sensor zones.

Item Description

Product Line: ODS15, Technology: Passive Infrared, Switch Type: Single-Pole, Mounting: Wall Switch, Device Type: Occupancy Sensor, Coverage (Sq.Ft.): 2100 Sq. Ft., Voltage: 120/277 Volt AC 60Hz, Pattern: 180°, Color: White, Neutral Wire Connection: Not Required, Warranty: 5-Year Limited

Technical Information

Product Features

Power Pack: External Power Pack Not Required

Relative Humidity: 20% to 90% non-condensing

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

Coverage (Sq.Ft.): 2100 Sq. Ft.

Technology: Passive Infrared

Voltage: 120/277 Volt AC 60Hz

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

Time Delay: 30s-20m

Photocell: Internal

Code Compliance: California Title 24

HVAC Relay: N/A

Pattern: 180°

Operating Temperature: 0°C to 50°C

Warranty: 5-Year Limited

Adjustment: Self-Adjusting

Motor: 1/4 HP @ 120V

Color: White

LED Color: Red

Switch Type: Single-Pole

Device Type: Occupancy Sensor

Grade: Commercial

Mounting Height (Ft.): 4 Ft.

Neutral Wire Connection: Not Required

Mounting: Wall Switch

Wallplate: Order Separately

Load Rating: 1800W@120V INC 1800VA@120V 4000VA@277V FL

Consumption (mA): N/A

Standards and Certifications: UL/cUL

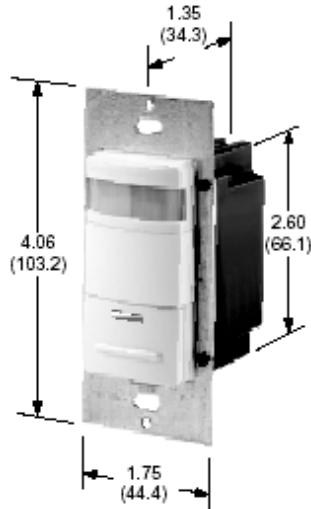
Product Line: ODS15

Features and Benefits

- Fits in standard wallbox and replaces single-pole wall switch; ground connection required. Gangable with other units.
- Low-profile design eliminates obtrusive "scanning-device" look. Elegant Decora wallplates complement any interior for sleek aesthetics; uses Decora wallplates and coordinates with Leviton's popular line of Decora wiring devices.
- 180° field-of-view provides approximately 2100 square feet of coverage suitable for small offices, conference rooms, class rooms, stock rooms, lounges, private restrooms and a variety of commercial areas.
- Convenient pushbutton provides manual-ON/OFF light switching at any time.
- Two dual element PIR sensors used to widen detection range.
- Segmented Fresnel lens provides optimum sensitivity and performance. Designed with an extensive "minor motion" area where even slight body movements will be detected.
- Vandal resistant PIR lens.
- Horizontal field-of-view may be adjusted between 180° and 60° of arc by using integral blinders located on either side of the lens. No masking tape required.
- Manual-ON/auto-OFF mode for installations where manual ON switching is required but auto-OFF switching is still desired for CEC Title 24 energy savings.
- To comply with Title 24, red LED indicator light flashes when PIR sensor detects motion to verify detection is active.
- Time Delay - In adapting mode, the time delay can be configured from 30s (test mode), 5, 10, and 20 minutes. In non-adapting mode, the delay can be configured from 5, 10, 20, and 30 minutes.
- Light Sensor adjustable Ambient Light Override ranges from approximately 2Fc (20LUX) to 500+Fc (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.
- Self-adjusting delayed-OFF time interval compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching.
- Exclusive Walk-Through feature provides increased energy savings by not leaving the lights ON for an extended period after only momentary occupancy.
- 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 pushbuttons to turn lights OFF and keep them OFF while the room is occupied.
- Additional manual service switch provided for installer to force lights to hold-OFF or hold-ON during installation.
- Beep Warn - unit beeps 3 times after delayed-OFF time expires, then waits 10 seconds before turning lights OFF.
- Exclusive Leviton H.I.S. Circuitry. Specifically designed to handle today's high inrush electronic ballast loads and offer unmatched durability and service.
- 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.
- No neutral design in optional for retrofit applications.



SPECIFICATION SUBMITTAL

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