ODS15-IDT

LEVITON

Occupancy Sensors

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., Pattern: 180°, Color: Light Almond, Warranty: 5-Year Limited

Technical Information

Product Features

Product Line: ODS15

Technology: Passive Infrared

Switch Type: Single-Pole

Mounting: Wall Switch

Device Type: Occupancy Sensor

Grade: Commercial

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

Pattern: 180°

Mounting Height (Ft.): 4 Ft.

Adjustment: Self-Adjusting

Time Delay: 30s-20m

Voltage: 120/277 Volt AC 60Hz

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

Motor: 1/4 HP @ 120V

Power Pack: External Power Pack Not Required

Consumption (mA): N/A

Photocell: Internal

HVAC Relay: N/A

Operating Temperature: 0°C to 50°C

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

Relative Humidity: 20% to 90% non-condensing

Neutral Wire Connection: Not Required

Color: Light Almond

LED Color: Red

Wallplate: Order Separately

Standards and Certifications: UL/cUL

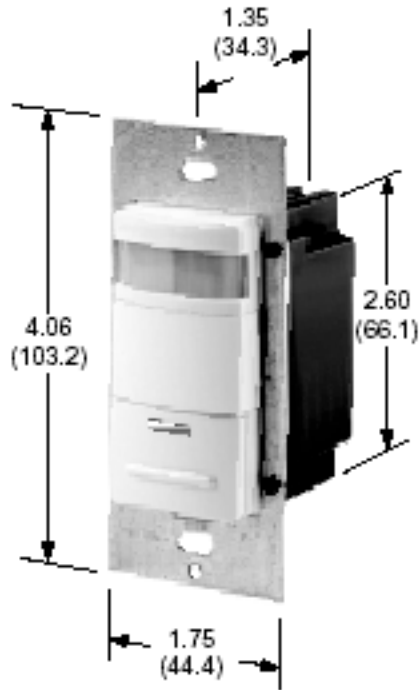**Code Compliance:** California Title 24

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

Warranty: 5-Year Limited

Color: Light Almond

UPC Code: 07847727749

Country of Origin: Please Contact Customer Service

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 comple-ment 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, loung-es, 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 detec-tion 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.

- Patented blinders - 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 switch-ing 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 approxi-mately 2Fc (20LUX) to 500+FC (5000+LUX) to prevent lights from turning ON auto-matically 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 compen-sates 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 con-firmation exists to turn the relays back ON.

- False detection circuitry.

- Presentation Mode feature for slide or film presen-tations 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 Levition 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 light-ing. 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.

1.35
(34.3)

4.06
(103.2)

2.60
(66.1)

1.75
(44.4)

SPECIFICATION SUBMITTAL

JOB NAME:	CATALOG NUMBERS:	
JOB NUMBER:		

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