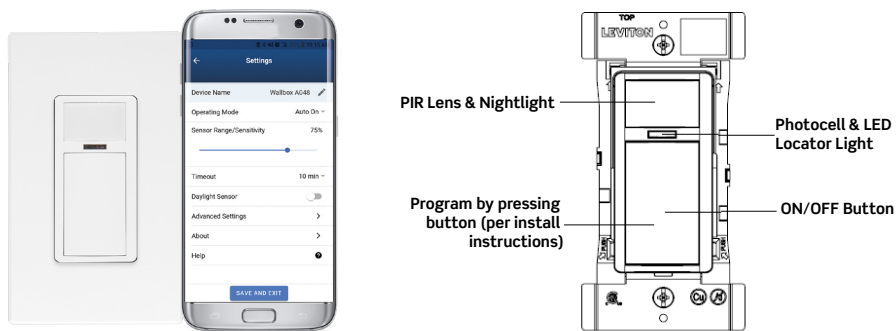


# Smart PIR Wall Switch Sensor



## DESCRIPTION

The Leviton Smart Wall Switch Occupancy Sensor (ODS15-lxx) uses Passive Infrared (PIR) detection technology to monitor a room for occupancy using a segmented, tamper resistant lens. When a person passes in or out of a sensor zone, the sensor detects motion and switches the lights ON. The lights will remain ON as long as an occupant is moving through the sensor zones. The ODS15-lxx's vacancy mode features Manual-ON/ Auto-OFF for installations where manual-ON switching is required for energy code applications.

A "minor motion" zone detects small body movements allowing the lights to stay ON even though a person may not be moving or walking around the room. The "major motion" zone, exhibits a lesser degree of sensitivity and requires larger movements.

Configuration of the ODS15-lxx is made using the Leviton Smart Sensor App from a smartphone or other Bluetooth®-enabled Android or iOS device. Simple configuration can also be applied using pushbutton setup for several popular preconfigured options.

## APPLICATIONS

- Small Offices
- Lobbies
- Small Meeting Rooms

## FEATURES

- Can be used to comply with IECC, ASHRAE 90.1, and 2019 Title 24, Part 6 occupancy/vacancy sensing and manual control requirements
- Fits in a standard wallbox and gangable with other units
- Controls General Purpose plug loads up to 20A and LED lighting loads up to 10A
- One relay module for single-level switching
- 180° field-of-view provides approximately 1,100 square feet of coverage

- Maximum sensing distance in front of the sensor is 30-40 feet and 15-20 feet on either side
- Advanced configuration can be performed using the Leviton Smart Sensor App on any Bluetooth-enabled Android or iOS device:
  - Set operating mode to Auto-ON/Auto-OFF or Manual-ON/Auto-OFF
  - Adjust the sensitivity of the sensor to increase or decrease coverage area
  - Adjust timeouts
  - Activate the nightlight and select nightlight colors
  - Add daylighting hold-OFF and select target daylighting hold-OFF levels
  - Set a security code to lock configuration settings
- Out-of-the-box configuration default mode:
  - Auto-ON/Auto-OFF with 10-minute timeout
  - Sensitivity set to 75%
  - Nightlight and daylighting disabled
- Convenient pushbutton hold configuration for installers without a smart device\*:

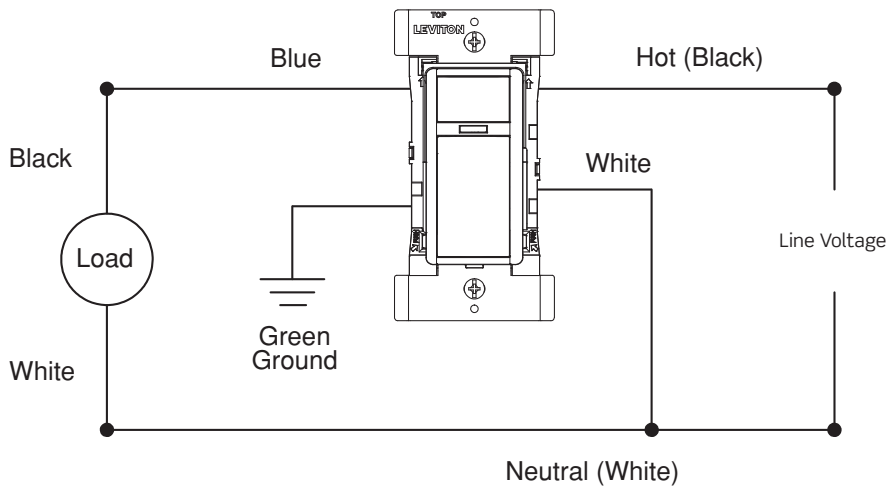
### PUSHBUTTON HOLD CONFIGURATION

Button (#)	Operating Mode	Sensitivity (%)	Time Out (mins)
1	Auto-ON/ Auto-OFF	75	10
2			20
3		100	10
4			20
5	Manual-ON/ Auto-OFF	75	10
6			20
7		100	20
8			10

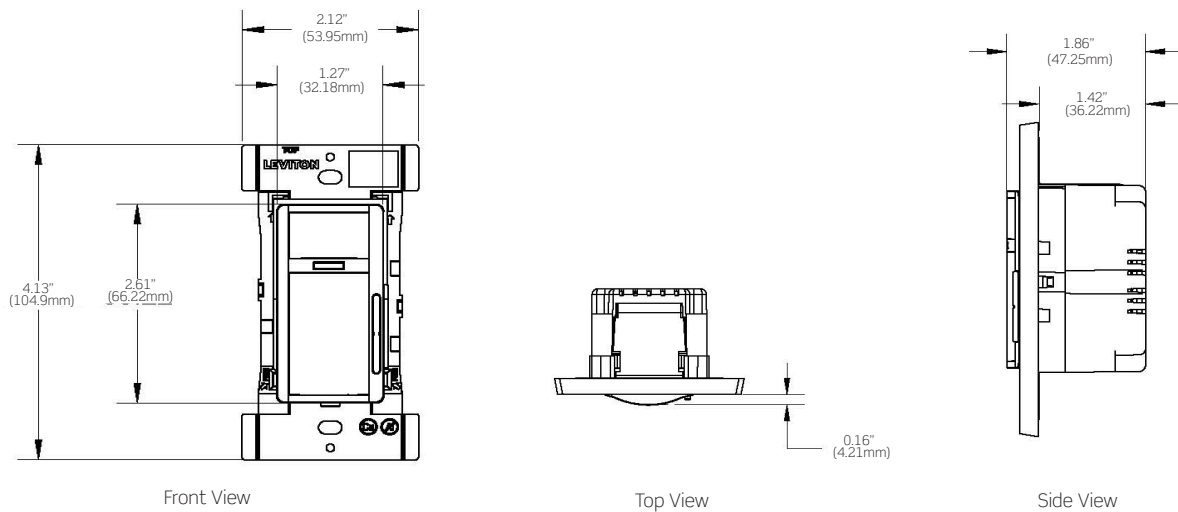
\*Requires removal of front face cover

## PRODUCT DATA

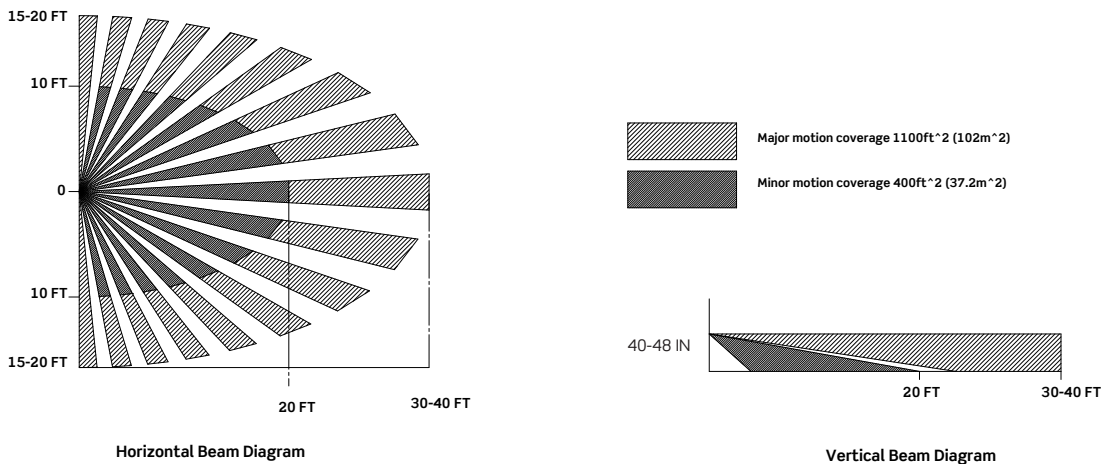
### WIRING DIAGRAM



### DIMENSIONS



### FIELD-OF-VIEW (IN FEET)



## SPECIFICATIONS

ELECTRICAL	
Input Voltage/Frequency	
ODS15-IDW/IDI	120-277VAC, 50/60Hz
ODS15-I1W/I1I	120VAC, 60Hz
Input Current	
120V	Standby: 0.2W; Max: 0.5W + Load Current
277V	Standby: 0.3W; Max: 0.6W + Load Current
Load Ratings	
General Purpose @ 120V	20A
General Purpose @ 277V*	
LED, Electronic Ballast @ 120V	10A
LED, Electronic Ballast @ 277V*	
Standard Ballast @ 120V	
Standard Ballast @ 277V*	
Tungsten @ 120V	6.67A
Tungsten @ 277V*	
Motor @ 120V	1/4HP (FLA 5.8A)
Motor @ 277V*	1/3HP (FLA 3.0A)
IP Rating	IP10
Network Connections	BLE 4.2, BLE 5.0
ENVIRONMENTAL	
Operating Temperature	32 to 104°F (0 to 40°C)
Storage Temperature	-40 to 185°F (-40 to 85°C)
PHYSICAL	
Dimensions	2.12" x 1.86" x 4.13" (53.95mm x 47.25mm x 104.90mm)
OTHER	
Energy Codes	Can be used to comply with IECC, ASHRAE 90.1 and 2019 Title 24, Part 6 occupancy/vacancy and manual control requirements
Listings	IECC, UL and cUL listed
Certifications	FCC, ICC
Warranty	Limited five-year warranty

\*Only applicable to ODS15-IDW/IDI

### Leviton Manufacturing Co., Inc. Global Headquarters

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ORDERING INFORMATION

CAT NO.	DESCRIPTION
ODS15-IDW	Smart PIR Wallbox Sensor, App configurable; Auto-ON/Auto-OFF or Manual-ON/Auto-OFF, neutral wire required, 120/208/220/230/240/277VAC, 50/60Hz; White
ODS15-IDI	Smart PIR Wallbox Sensor, App configurable; Auto-ON/Auto-OFF or Manual-ON/Auto-OFF, neutral wire required, 120/208/220/230/240/277VAC, 50/60Hz; Ivory
ODS15-I1W	Smart PIR Wallbox Sensor, App configurable; Auto-ON/Auto-OFF or Manual-ON/Auto-OFF, neutral wire required, 120VAC, 60Hz; White
ODS15-I1I	Smart PIR Wallbox Sensor, App configurable; Auto-ON/Auto-OFF or Manual-ON/Auto-OFF, neutral wire required, 120 VAC, 60Hz; Ivory
ODSKT-00B	Smart Switching Wallbox Sensor Color Change Kit, Black
ODSKT-00R	Smart Switching Wallbox Sensor Color Change Kit, Red
ODSKT-00G	Smart Switching Wallbox Sensor Color Change Kit, Gray
ODSKT-00I	Smart Switching Wallbox Sensor Color Change Kit, Ivory
ODSKT-00A	Smart Switching Wallbox Sensor Color Change Kit, Light Almond
ODSKT-00W	Smart Switching Wallbox Sensor Color Change Kit, White

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**Visit our Website at: [www.leviton.com/smartsensors](http://www.leviton.com/smartsensors)**

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