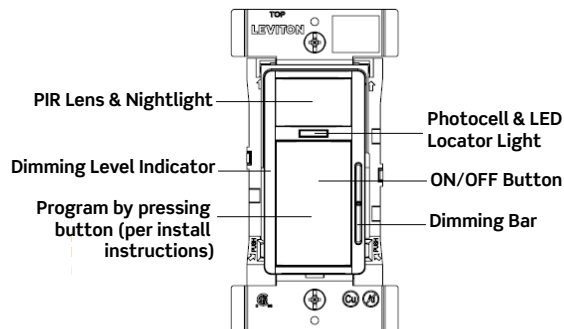


Smart PIR 0-10V Dimming Wallbox Sensor



DESCRIPTION

The Leviton Smart Dimming Wallbox Sensor (ODD10-IDx) is designed for use with 0-10V ballasts. Lighting levels can be adjusted using the dimming bar next to the switch. The ODD10-IDx 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 moves through the sensor zones and after the timeout expires. The ODD10-IDx features a vacancy mode for Manual-ON/Auto-OFF operation, ideal for installations where manual-ON switching is required for energy code applications.

A “minor motion” zone detects small body movements. This detection allows the lights to remain ON when individuals in the space are more stationary. The “major motion” zone exhibits a lesser degree of sensitivity requiring larger movements.

Configuration of the ODD10-IDx is made using the Leviton Smart Sensor App on a smartphone or other Bluetooth®-enabled Android or iOS device. Simple configuration can also be applied using pushbutton setup for several common pre-configured options. The ODD10-IDx integrates a photocell for daylighting hold-OFF which can be programmed using the Leviton Smart Sensor App.

APPLICATIONS

- 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 dimming requirements
- Fits in a standard wallbox and gangable with other units
- Controls LED lighting loads up to 8A

- 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
 - Configure dimming options such as Partial-ON, Partial-OFF, and Partial-OFF timeouts
- 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

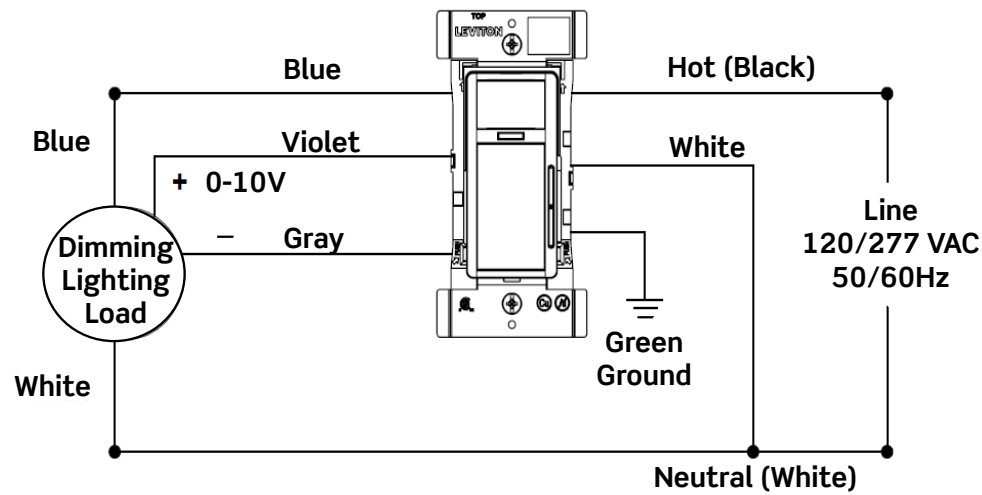
Leviton Manufacturing Co., Inc. Global Headquarters

201 North Service Road, Melville, NY 11747-3138 tech line 800-824-3005 fax 800-832-9538

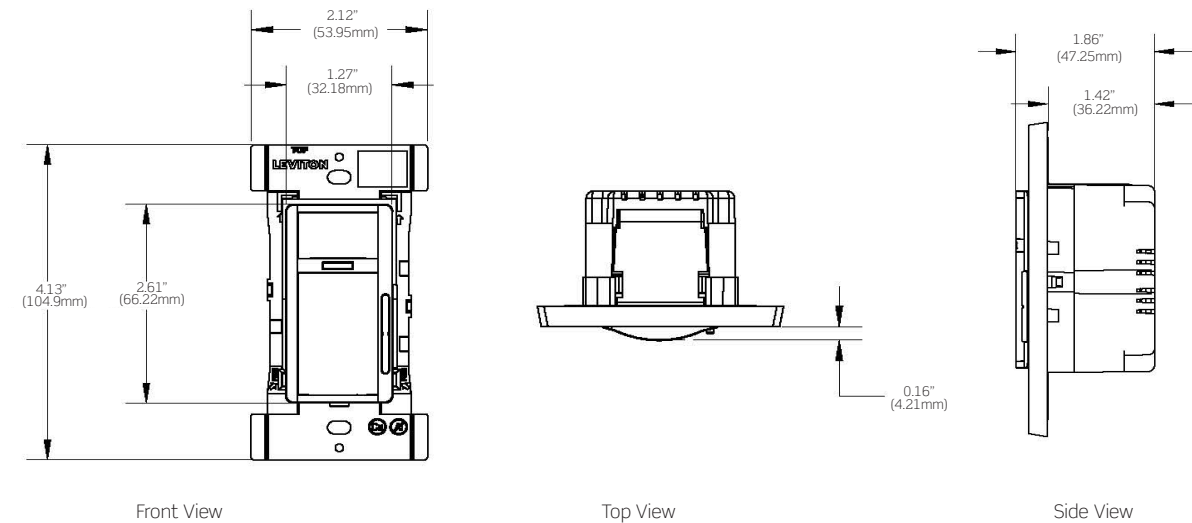
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PRODUCT DATA

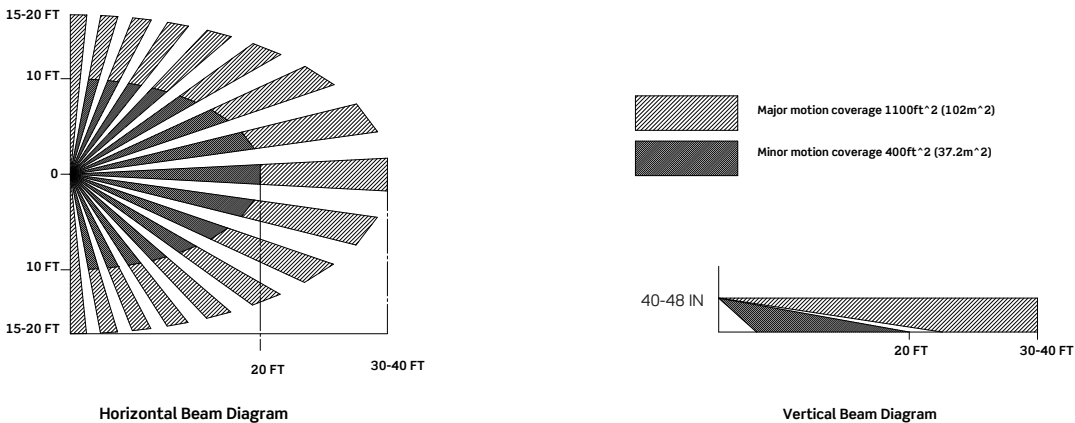
WIRING DIAGRAM



DIMENSIONS



FIELD-OF-VIEW (IN FEET)



SPECIFICATIONS

ELECTRICAL	
Input Voltage/Frequency	120-277VAC, 50/60Hz
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	10A
General Purpose @ 277V	
LED/Electronic Ballast @ 120V	8A
LED/Electronic Ballast @ 277V	5A
Standard Ballast @ 120V	10A
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 ASHRAE 90.1, IECC and 2019 Title 24, Part 6 occupancy/vacancy sensing and dimming requirements
Listings	IECC, UL and cUL listed
Certifications	FCC, ICC
Warranty	Limited five-year warranty

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PRODUCT DATA



ORDERING INFORMATION

CAT NO.	DESCRIPTION
ODD10-IDW	Smart PIR 0-10V Dimming 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
ODD10-IDI	Smart PIR 0-10V Dimming 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
ODDKT-00B	Smart Dimming Wallbox Sensor Color Change Kit, Black
ODDKT-00R	Smart Dimming Wallbox Sensor Color Change Kit, Red
ODDKT-00G	Smart Dimming Wallbox Sensor Color Change Kit, Gray
ODDKT-00I	Smart Dimming Wallbox Sensor Color Change Kit, Ivory
ODDKT-00A	Smart Dimming Wallbox Sensor Color Change Kit, Light Almond
ODDKT-00W	Smart Dimming Wallbox Sensor Color Change Kit, White

Smart PIR 0-10V Dimming Wallbox Sensor

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Visit our Website at: www.leviton.com/smartsensors

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