

## ODD24-IDW w/App

Smart Dimming PIR 24V Wallbox Sensor, 12-24V input Sensor, App configurable;Color: White. Wall plate sold separately.



UPC Code : 078477425633

Country Of Origin : Please Contact Customer Service.

The Leviton Smart 24V Dimming Wallbox Sensor (ODD24-IDW) is designed for use with an OPP20 or OSA20 Power Pack or other Leviton (24V) low voltage sources. Lighting levels can be adjusted using the dimming bar next to the switch and 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 ODD24-IDW 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 ODD24-IDW 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 common pre-configured options. The ODD24-IDW integrates a photocell for daylighting which can be programmed using the Leviton Smart Sensor App.

### Technical Information

#### Standards and Certifications

**California Title 24** : Yes

**Color** : White

**Coverage (Sq.Ft.)** : 1200

**Neutral Wire Connection** : Not Required

**Product Line** : ODD24

**Switch Type** : Single-Pole

**Technology** : Passive Infrared

**Voltage** : 12-24 VDC

#### Product Features

**Color** : White

**Coverage (Sq.Ft.)** : 1200

**Product Line** : ODD24

**Sensor Type** : Wall Switch

**Technology** : Passive Infrared

#### Electrical Specifications

**Voltage** : 12-24 VDC

#### Mechanical Specifications

**Neutral Wire Connection** : Not Required

**Switch Type** : Single-Pole

### Features and Benefits

- 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 ODD24-IDW is designed for use with a power pack (OPP20 or OSA20) or other Leviton low voltage (24V) source
- 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 time out
- Sensitivity set to 75%
- Nightlight and daylighting hold-off disabled

**SPECIFICATION SUBMITTAL**

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