

# 0-10V PIR Dimming Wall Switch Sensor



## DESCRIPTION

The Leviton 0-10V Passive Infrared (PIR) Dimming Wall Switch Sensor (OSD10) combines passive infrared technology for 0-10V ON/OFF dimming control and daylight harvesting.

The OSD10 sensor uses a self-adjusting timer and PIR technology to scan for movement and turn lights off after a set amount of time, preventing false triggers. The OSD10 offers selectable operating modes for auto-ON/OFF and manual-ON/auto-OFF operation.

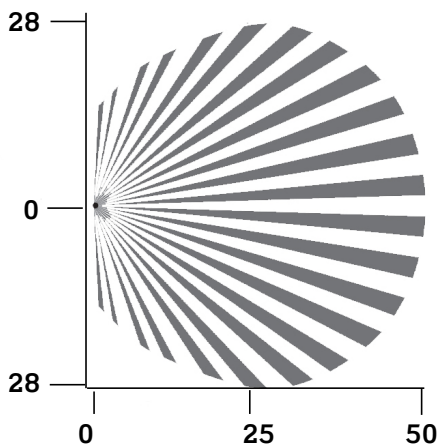
## APPLICATIONS

- Small office
- Lobbies
- Small meeting rooms
- Restrooms

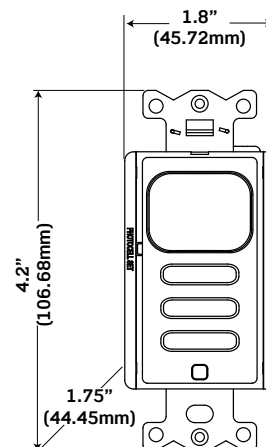
## FEATURES

- Self-adaptive technology: no manual adjustment required
- Can be used to comply with ASHRAE 90.1, 2016 Title 24, Part 6 occupancy sensing requirements, IECC, UL and cUL listed
- One relay module for single-level switching
- Field of view: 1,000 square feet and 180° of detection
- Adjustable time delay:
  - Auto mode: 4-30 minutes; self-adjusts based on occupancy
  - Fixed mode: 4, 8, 15 and 30 minutes
  - Test mode: 5 seconds for simplified commissioning
- The OSD10 provides a maintenance free, install-and-forget operation with selectable operating modes:
  - Auto-ON/OFF
  - Manual-ON/OFF
- No minimum load requirement
- Zero arc point switching
- Five-year limited warranty

## FIELD-OF-VIEW (IN FEET)



## DIMENSIONS



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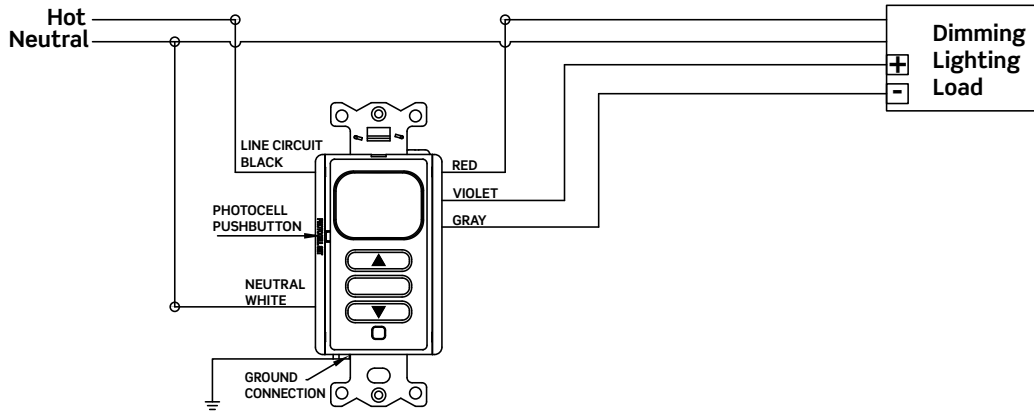
201 North Service Road, Melville, NY 11747-3138 tech line 800-824-3005 fax 800-832-9538

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# PRODUCT DATA



## WIRING DIAGRAM



## SPECIFICATIONS

ELECTRICAL	
Power Requirements	120/277VAC, 50/60Hz
Electrical Ratings	<b>120VAC</b> 800W Electronic Ballast/LED Driver 1,000W Magnetic Ballast 1/6 HP Motor
	<b>277VAC</b> 1,800W Electronic Ballast/LED Driver/ Magnetic Ballast 1/6 HP Motor
Coverage	1,000sqft, 180°
Photocell Range	10 - 500FC (107.63 - 5381.96 LUX)
ENVIRONMENTAL	
Operating Temperature	32 to 104°F (0 to 40°C)
Operating Environment	Indoor only
Relative Humidity	0-95% (non-condensing )
PHYSICAL	
Dimensions	4.2" (106.68mm) H x 1.8" (45.42mm) W x 1.75" (1.75mm) D
Construction	High-impact, injection-molded plastic, impact resistant lens
Colors	White, Ivory
OTHER	
Listings	Can be used to comply with ASHRAE 90.1, 2016 Title 24, Part 6 occupancy sensing requirements, IECC, UL and cUL listed
Warranty	Limited five-year warranty

## ORDERING INFORMATION

CAT NO.	DESCRIPTION
OSD10-I0W	0-10V PIR Dimming Wall Switch Sensor, White
OSD10-I0I	0-10V PIR Dimming Wall Switch Sensor, Ivory

Note: Single-gang NEMA-style standard switch box wall plate sold separately

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G-9654C/B19-aa  
REV FEB 2019

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