

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/automatic-OFF operation.

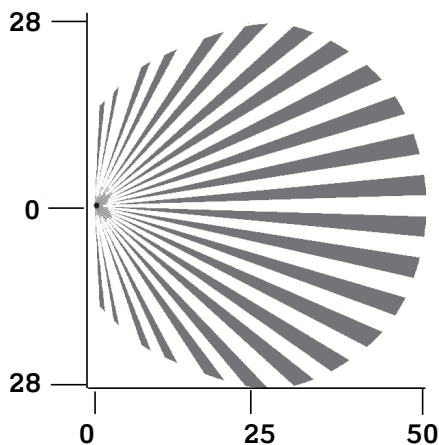
APPLICATIONS

- Small office
- Lobbies
- Small meeting rooms
- Restrooms

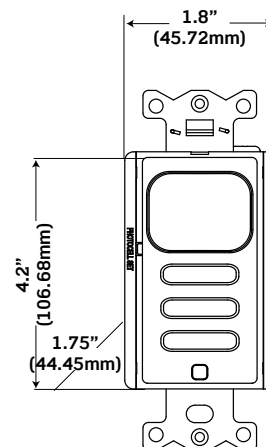
FEATURES

- Self-adaptive technology: no manual adjustment required
- Meets energy code requirements for ASHRAE Standard 90.1, California Title 24 and 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)



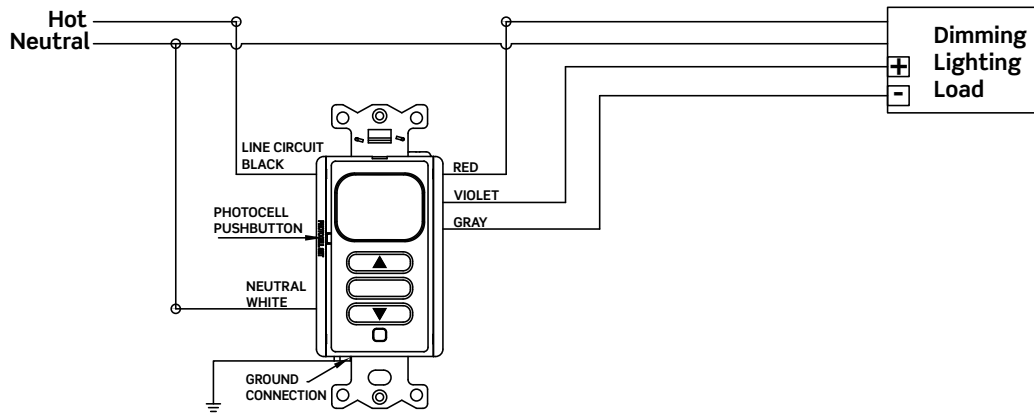
DIMENSIONS



PRODUCT DATA



WIRING DIAGRAM



SPECIFICATIONS

ELECTRICAL		
Power Requirements	120/277VAC, 50/60Hz	
Electrical Ratings	120VAC 800W Electronic Ballast/LED Driver 1,000W Magnetic Ballast 1/6 HP Motor	277VAC 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	Meets energy code requirements for ASHRAE 90.1, California Title 24, and IECC, UL and cUL listed	
Warranty	Limited five-year warranty	

ORDERING INFORMATION

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

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

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