

# OSS24 PIR Wall Switch Sensor

## 24V Wall Switch Occupancy Sensor



### BASIC OPERATION

The Leviton Passive Infrared (PIR) Indoor Wall Switch Sensor (OSS24) uses passive infrared detection technology to monitor a room and automatically switches lights ON and OFF.

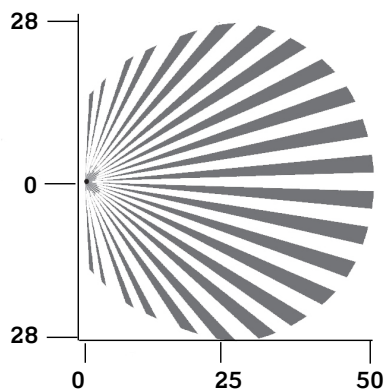
The OSS24 uses a built-in photocell for automatic daylight harvesting and smart software to analyze the controlled area and make digital adjustments to sensitivity and timer settings.

### APPLICATIONS

The OSS24 delivers automatic lighting control for energy savings and convenience in a variety of commercial applications including:

- Lobbies
- Small offices
- Small meeting rooms
- Restrooms

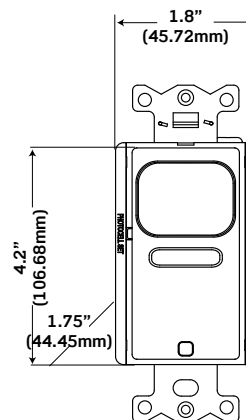
### FIELD-OF-VIEW (IN FEET)



### FEATURES

- Can be used to comply with ASHRAE 90.1, 2016 Title 24, Part 6 occupancy sensing requirements, IECC, UL and cUL listed
- Self-adaptive technology—no manual adjustment required
- Occupancy (auto-ON) and vacancy (manual-ON) modes
- False detection timer: PIR sensitivity scans for movements and shuts lights OFF after a set amount of time preventing false triggers
- 180° field-of-view provides approximately 1,000 square feet of coverage
- Adjustable time delays:
  - Auto mode: 4-30 minutes; self-adjusts based on occupancy
  - Fixed mode: 4, 8, 15 and 30 minutes
  - Test mode: 5 seconds
- The OSS24 provides a maintenance free, install-and-forget operation with selectable operating modes:
  - Auto-ON/OFF
  - Manual-ON/Auto-OFF
- No minimum load requirements
- Zero arch point switching
- Five-year limited warranty

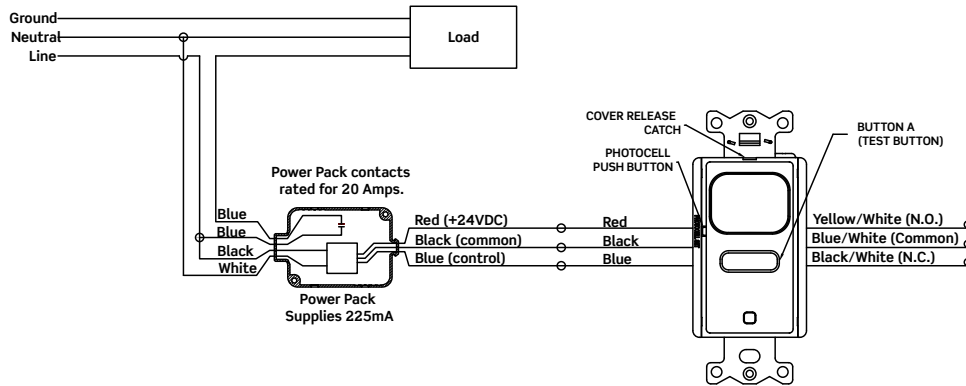
### DIMENSIONS



# PRODUCT DATA



## WIRING DIAGRAM



## SPECIFICATIONS

ELECTRICAL	
Power Requirements	24VDC, 33mA
Electrical Ratings	24VDC, 10mA MAX (for each output)
Relay	500mA @24VDC
Coverage	1,000sqft, 180°
Photocell Range	10 - 500FC (107.63 - 5381.96 LUX)
ENVIRONMENTAL	
Operating Temperature	32-104°F (0-40°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" (44.45mm) D
Construction	High-impact, injection-molded plastic, impact resistant lens
Colors	White
OTHER	
Listings	Can be used to comply with ASHRAE 90.1 and 2016 Title 24, Part 6 occupancy sensing requirements, IECC, UL and cUL listed
Warranty	Limited five-year warranty

## ORDERING INFORMATION

CAT NO.	DESCRIPTION
OSS24-IOW	PIR 24V Wall Switch Sensor, White

OSS24 PIR 24V Wall Switch Sensor

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