

OSC20-M0W



Occupancy Sensor, Multi-Technology (PIR/US), Ceiling Mount, 2000SF, White

Occupancy Sensor lighting control, Ceiling Mounted, Multi-technology, 24VDC, 30mA power consumption, 2000 sq ft, 360 degree (major motion: PIR: 40' diameter; U/S:64'Lx32'W, minor motion: U/S: 45'Lx23'W), red LED=PIR, green LED=U/S auto adapting, walk-through, time delay 30s-30m, test mode (6s time delay for 15m with auto exit), connect gray wire for photocell ambient light hold-off, 360 degree harmonic wheel (rotatable), mounting height 8'-10', cUL/NOM/ANCE listed, CEC Title 24 compliant. Color: off-white.

Color : White

UPC Code : 078477180136

Country Of Origin : Please Contact Customer Service

Available Colors :

True White

The most advanced occupancy sensor with photocell available. Combines multi-technology with all-digital architecture. Eliminates false triggering. The result is a trouble-free, "install and forget" solution for lighting control.

Do you have a question about an occupancy sensor or vacancy sensor?

Technical Information

Electrical Specifications

Frequency : 32kHz

Output Power : 24 VDC active high logic control signal with short circuit protection

Power Consumption : 30mA

Voltage : 24 VDC

Environmental Specifications

Operating Temperature : 0°C to 40°C

Relative Humidity : 0% to 95% non-condensing

Mechanical Specifications

Mounting Type : Ceiling Mount

Size : Width 4.20" (106.68mm), Depth 1.57" (39.90mm)

Performance Specifications

Coverage (Sq.Ft.) : 2000

Pattern : 360°

Title 24 Compliant : Yes

Product Features

Application : Cafeterias|Classrooms|Computer rooms|Conference rooms|Day care centers|Filing rooms|Workspaces|Open warehouses|Offices with cubicles|Open areas|Restrooms|Stairwells|Storage rooms|Executive|Open and private offices

Color : White

Grade : Commercial

Mounting : Ceiling Mount

Standards and Certifications

Listings : cUL/US Certified, can be used to comply with Title 24, Part 6 occupancy sensing requirements

Mounting Height (Ft.) : 8-12
FT

Product Line : OSC20

Sensor Technology : Multi-
Technology: Passive Infrared
(PIR)/Ultrasonic (US)

Sensor Type : Occupancy

Time Delay : 30s-30m

Type

Warranty

Product Type : Occupancy
Sensor

Warranty : 5-Year Limited

Features and Benefits

- Small Size: Installed sensor appears almost invisible.
- Fast Simple Installation: Easy ceiling mount, three wire connection (low voltage) and twist-lock sensor attachment.
- Accurate, Consistant Switching: Occupant complaints are eliminated; lights are on when room is occupied, off when empty. annoying false-offs are minimized and lights on at night is eliminated.
- Self-Adapting: An internal microprocessor continually analyzes, evaluates and adjusts settings. Performance is kept at a maximum and user complaints are eliminated.
- Maximum Reliability, Low Cost: All digital circuitry uses a minimum of components.
- Non-Volatile Memory: Learned and adjusted settings saved in protected memory. Power outages will not cause status loss.
- Ambient Light Recognition: The photocell prevents lights from turning on when room is adequately lit by natural light.
- Excellent Warranty: 5-Year Limited warranty.
- Typical Applications: Cafeteria, Computer Room, Office w /Cubicles, Office Open, File Room, Classroom, Lounge, All Restroom types, Open Area, or Gymnasium

Patents *

MX24023

US7800049

This list is provided for patent marking purposes only. A good faith effort is made to maintain the accuracy and completeness of this list. No legal inference should be drawn from the omission of a patent from this list.

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