



**Color :** ☐ White

**UPC Code :** 078477180136

**Country Of Origin :** Please Contact Customer Service

**Available Colors :**

☐ True White

# 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.

The most advanced sensor 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

**Product Type :** Occupancy  
Sensor

Warranty

**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

US8312347

USD573053

US7800049

USD561630

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.

## SPECIFICATION SUBMITTAL

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