



UPC Code : 078477180136

Country Of Origin : Please Contact Customer Service.

Available Colors :



## 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.

### Technical Information

#### 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

**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

#### Performance Specifications

**Coverage (Sq.Ft.)** : 2000

**Pattern** : 360°

**Title 24 Compliant** : Yes

#### Electrical Specifications

**Frequency** : 32kHz

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

**Power Consumption** : 30mA

**Voltage** : 24 VDC

#### Standards and Certifications

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

#### Mechanical Specifications

**Mounting Type** : Ceiling Mount

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

#### Environmental Specifications

**Operating Temperature** : 0°C to 40°C

**Relative Humidity** : 0% to 95% non-condensing

#### 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, Consistent 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\***

CA115944	US8312347
CA122495	USD561630
MX24023	USD573053
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.



**SPECIFICATION SUBMITTAL**

JOB NAME: <input style="width: 95%;" type="text"/>	CATALOG NUMBERS: <input style="width: 45%;" type="text"/> <input style="width: 45%;" type="text"/>	
JOB NUMBER: <input style="width: 80%;" type="text"/>	<input style="width: 45%;" type="text"/>	<input style="width: 45%;" type="text"/>

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