



UPC Code : 078477180136

Country Of Origin : Please Contact Customer Service.

OSC20-M0W

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

Adjustment : Self-Adjusting

Code Compliance : California Title 24

Color : White

Coverage (Sq.Ft.) : 2000

Current Consumption : 32mA

Housing Material : High-Impact, Injection Moulded Plastic

Input Voltage : 24VDC

LED Disable : LEDS Enable/LEDS Disable

Load Rating : Uses Power Pack

Manual Time Adjustment : 30s-30m, 6s Test Mode

Pattern Degrees : 360

Photo Cell : Ambient Override ON

Photo Cell Adjustment : 20 to 3000 Lux

Photocell Factory Preset : 3000 Lux (disable photocell)

Product Line : OSC20

Sensitivity Adjustment : 0 to 100 Pct

Sensitivity Factory Preset : Ultrasonic 50 Pct Infrared 75 Pct

Sensor Technology : PIR/Ultrasonic 32kHz

Sensor Type : Ceiling Mount

Single/Multi-Tech Mode : Switchable ON/OFF PIR/ULTRA

Standards and Certifications : CUL/US Cert

Technology : Multi-Technology PIR/Ultrasonic

Timer Factory Preset : 10 Minutes

Warranty : 5-Year Limited

Standards and Certifications

ANCE : Compliant

ASHRAE : Standard 90.1 Compliant

CUL/US : Listed 9034

Code Compliance : California Title 24

Current Consumption : 32mA

FCC : Compliant

Input Voltage : 24VDC

Load Rating : Uses Power Pack

NOM : 057

Output Voltage : 24VDC w/Short Circuit Protection

Title 24 Compliant : Yes

Electrical Specifications

Operating Humidity : 0 Pct to 95 Pct Relative, Non-Condensing

Operating Temperature : 32F to 104F 0C to 40C

Voltage : 24 VDC

Material Specifications

Color : White

Housing Material : High-Impact, Injection Moulded Plastic

LED Indicator : Red Infrared Motion & Green Ultrasonic Motion

PIR Lens Type : Extended Range

Qty of Transducer Pairs : 2

Sensor Weight : 5oz/142g

Transducer Size : 16 mm Diameter

Wire Leads : Color Coded 6 Inch

Mechanical Specifications

Coverage (Sq.Ft.) : 2000

Major Motion Area : 64X32 Feet

Minor Motion Area : 45X23 Feet

Pattern Degrees : 360

Photo Cell : Ambient Override ON

Sensor Technology : PIR/Ultrasonic 32kHz

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*

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:	CATALOG NUMBERS:	
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