OSC20-M0W



UPC Code: 07847718013

Country of Origin: Please Contact Customer Service

Occupancy and Vacancy Sensors

Brand Features

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.

Item Description

Technology: Multi-Technology PIR/Ultrasonic, Mount: Ceiling, Coverage (Sq.Ft.): 2000 Sq. Ft., Adjustment: Self-Adjusting, Pattern Degrees: 360, Title 24 Compliant: Yes, Grade: Commercial, Color: Off-white

Technical Information

Control Specifications

Adjustment: Self-Adjusting

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

Timer Factory Preset: 10 Minutes

Sensitivity Adjustment: 0 to 100 Pct

Sensitivity Factory Preset: Ultrasonic 50 Pct Infrared 75 Pct

Photo Cell Adjustment: 20 to 3000 Lux

Photocell Factory Preset: 3000 Lux (disable photocell)

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

LED Disable: LEDS Enable/LEDS Disable

Electrical Specifications

Input Voltage: 24VDC

Current Consumption: 32mA

Output Voltage: 24VDC w/Short Circuit Protection

Load Rating: Uses Power Pack

Environmental Specifications

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

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

Material Specifications

Color: Off-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

Transducer Size: 16 mm Diameter

Wire Leads: Color Coded 6 Inch

Sensor Weight: 5oz/142g

Mechanical Specifications

Sensor Technology: PIR/Ultrasonic 32kHz

Pattern Degrees: 360

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

Major Motion Area: 64X32 Feet

Minor Motion Area: 45X23 Feet

Photo Cell: Ambient Override ON

Product Features

Technology: Multi-Technology PIR/Ultrasonic

Adjustment: Self-Adjusting

Sensor Technology: PIR/Ultrasonic 32kHz

Pattern Degrees: 360

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

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

Load Rating: Uses Power Pack

Input Voltage: 24VDC

Current Consumption: 32mA

Photo Cell: Ambient Override ON

Color: Off-white

Standards and Certifications: CUL/US Cert

Warranty: 5-Year Limited

Housing Material: High-Impact, Injection Moulded Plastic

Code Compliance: California Title 24

Standards and Certifications

CUL/US: Listed 9034

ANCE: Compliant

NOM: 057

Code Compliance: California Title 24

ASHRAE: Standard 90.1 Compliant

FCC: Compliant

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



SPECIFICATION SUBMITTAL

JOB NAME:	CATALOG NUMBERS:	
JOB NUMBER:		

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If you would like to know where your local Leviton office is located please go to: www.leviton.com/international/contacts/