



UPC Code: 078477180532

Country Of Origin: Please Contact Customer Service.

OSC04-I0W

Occupancy Sensor, Ceiling Mounted, PIR, 24VDC, 10mA power consumption, 450 sq ft, 360 deg (major motion: 24' diameter, minor motion: 10' diameter), red LED, 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', PIR, cUL/NOM/ANCE listed, CEC Title 24 compliant. Color: off white, NAFTA compliant.

The all-digital & microprocessor based OSCXX-I is the most advanced infrared ceiling sensor available. Self-calibrating sensitivity and timer allow the installer to "install & forget."

Technical Information

Electrical Specifications

Adjustment: Self-Adjusting

LED Disable: LEDS Enable/LEDS Disable

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

Photo Cell Adjustment: 20 to 3000 Lux

Photocell Factory Preset: 3000 Lux (disable photocell)

Sensitivity Adjustment: 0 to 100 Pct

Sensitivity Factory Preset: Infrared 75 Pct

Timer Factory Preset: 10 Minutes

Voltage: 24 VDC

Product Features

Adjustment: Self-Adjusting

Code Compliance: California Title 24

Color: White

Coverage (Sq.Ft.): 450

Current Consumption: 10mA

Housing Material: High-Impact, Injection Moulded Plastic

Input Voltage: 24VDC

Load Rating: Uses Power Pack

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

Output Voltage: 24VDC w/Short Circuit Protection

Pattern Degrees: 360

Photo Cell: Ambient Override ON

Product Line: OSC04

Sensor Technology: Passive Infrared

Sensor Type: Ceiling Mount

Standards and Certifications: CUL/US Cert

Technology: Passive Infrared

Warranty: 5-Year Limited

Standards and Certifications

ANCE: Compliant

ASHRAE: Standard 90.1 Compliant

CUL/US: Listed 9034

Code Compliance: California Title 24

FCC: Compliant

NOM: 057

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

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

Title 24 Compliant: Yes

Material Specifications

Color: White

Housing Material: High-Impact, Injection Moulded Plastic

LED Indicator: Red Infrared Motion

PIR Lens Type: High Density

Sensor Weight: 5oz/142g

Wire Leads: Color Coded 6 Inch

Mechanical Specifications

Coverage (Sq.Ft.): 450

Major Motion Area: 24 Foot Diameter

Minor Motion Area: 10 Foot Diameter

Pattern Degrees: 360

Photo Cell: Ambient Override ON

Sensor Technology: Passive Infrared

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: Closet, Copy Room, Small Office, Storage Room, Lounge, Non-Partitioned Restroom or Vending Room

Patents*

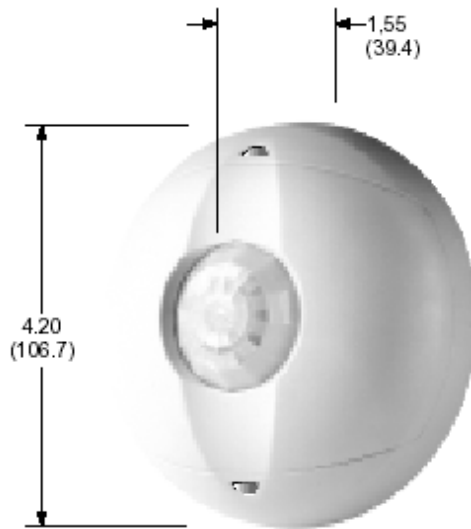
CA122496

US8312347

US7800049

USD588484

*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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