



**UPC Code:** 078477180587

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

## OSC15-I0W

Occupancy Sensor, Ceiling Mounted, 24VDC, 10mA power consumption, 1500 sq ft, 360 degree (major motion: 40' diameter, no minor motion), 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.

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.):** 1500

**Current Consumption:** 20mA

**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:** OSC15

**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:** Extended Range

**Sensor Weight:** 5oz/142g

**Wire Leads:** Color Coded 6 Inch

#### Mechanical Specifications

**Coverage (Sq.Ft.):** 1500

**Major Motion Area:** 50 Foot Diameter

**Minor Motion Area:** 20 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: Copy Room, Open Office, Storage Room, Lounge, Non-Partitioned Restroom, Vending Room, General Work Space, or Hallway

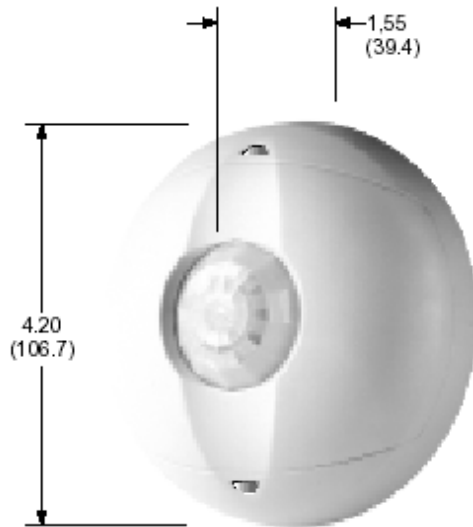
**Patents\***

CA122496

USD588484

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**

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