

# OSC20-U0W



**UPC Code:** 07847718059

**Country of Origin:** Please Contact Customer Service

## Occupancy Sensors

### Brand Features

Microprocessor based, the OSCXX-U has a self adapting feature that compensates for air flow, giving it excellent immunity to air currents and other interference.

### Item Description

Sensor Type: Ultrasonic, Mount: Ceiling, Coverage Range 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

**Photo Cell Adjustment:** 20 to 3000 Lux

**Photocell Factory Preset:** 3000 Lux (disable photocell)

**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:** Green Ultrasonic Motion

**Qty of Transducer Pairs:** 2

**Transducer Size:** 16 mm Diameter

**Wire Leads:** Color Coded 6 Inch

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

#### Mechanical Specifications

**Sensor Technology:** Ultrasonic 32kHz

**Pattern Degrees:** 360

**Coverage Range Sq. Ft.:** 2000 Sq. Ft.

**Major Motion Area:** 64X32 Feet

**Minor Motion Area:** 45X23 Feet

**Photo Cell:** Ambient Override ON

#### Product Features

**Sensor Type:** Ultrasonic

**Adjustment:** Self-Adjusting

**Sensor Technology:** Ultrasonic 32kHz

**Pattern Degrees:** 360

**Coverage Range 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

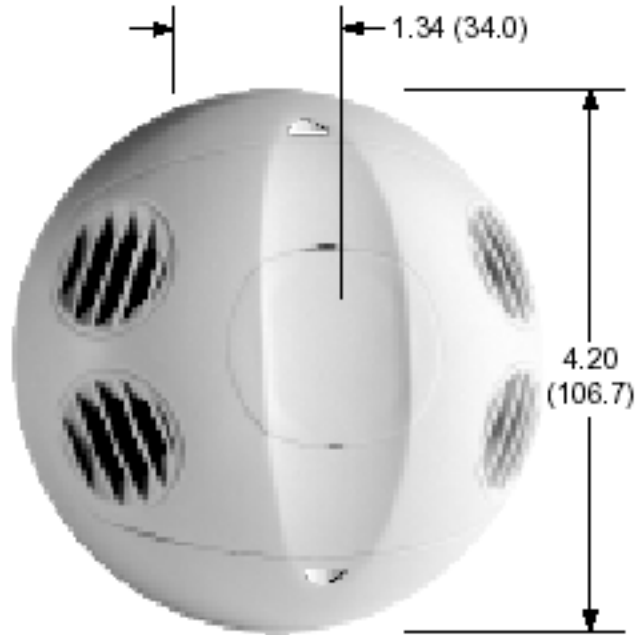
**Code Compliance:** California Title 24

**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, File Room, Partitioned Restroom, Warehouse Open Area, Work Space General, Workout Facility, Gymnasium, or Hallway



**SPECIFICATION SUBMITTAL**

JOB NAME: <input type="text"/>	CATALOG NUMBERS: <input type="text"/>	
JOB NUMBER: <input type="text"/>	<input type="text"/>	<input type="text"/>

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