



UPC Code : 078477180549

Country Of Origin : Please Contact Customer Service.

OSC05-U0W

Occupancy Sensor lighting control, Ceiling Mounted, Ultrasonic only, 24VDC, 25mA power consumption, 500 sq ft, 180 degree (major motion: 23'Lx23'W, minor motion 17'Lx17'W), green 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.

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.

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 : Ultrasonic 50 Pct

Timer Factory Preset : 10 Minutes

Voltage : 24 VDC

Product Features

Adjustment : Self-Adjusting

Code Compliance : California Title 24

Color : White

Coverage (Sq.Ft.) : 500

Current Consumption : 30mA

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 : 180

Photo Cell : Ambient Override ON

Product Line : OSC05

Sensor Type : Ceiling Mount

Standards and Certifications : CUL/US Cert

Technology : Ultrasonic

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 : Green Ultrasonic Motion

Qty of Transducer Pairs : 1

Sensor Weight : 5oz/142g

Technology : Ultrasonic

Transducer Size : 16 mm Diameter

Wire Leads : Color Coded 6 Inch

Mechanical Specifications

Coverage (Sq.Ft.) : 500

Major Motion Area : 23X23 Feet

Minor Motion Area : 17X17 Feet

Pattern Degrees : 180

Photo Cell : Ambient Override ON

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: Cafeteria, Computer Room, Office w/Cubicles, File Room, Partitioned Restroom, Warehouse Open Area, Work Space General, Workout Facility, Gymnasium, or Hallway

Patents*

CA115944	US7800049
CA122495	USD561630
MX24023	USD573053

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

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