



UPC Code : 078477543535

Country Of Origin : Mexico

OSC20-RMW

Low Voltage Occupancy Sensor lighting control, Ceiling Mounted, 2000 sq ft, 24VAC/VDC, Multi-Tech, 1A 30VAC/DC Isolated Relay, Extra Mid-Range Lens Assembly (for mounting between 8'-20'), Title 24 Compliant, NAFTA Compliant, Color: Global White

Technical Information

Electrical Specifications

Adjustment : Self-Adjusting

LED Disable : LEDS Enable/LEDs Disable

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

Sensitivity Adjustment : 0 to 100 Pct
Sensitivity Factory Preset : Ultrasonic 50 Pct Infrared 75 Pct

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

Timer Factory Preset : 10 Minutes

Voltage : 24 VDC

Mechanical Specifications

Coverage (Sq.Ft.) : 2000

Current Consumption : 30mA

Input Voltage : 24VDC

Load Rating : Uses Power Pack

Major Motion Area : 64X32 Feet

Minor Motion Area : 45X23 Feet

Output Voltage : 24VDC w/Short Circuit Protection

Pattern Degrees : 360

Relay Type : Isolated Relay

Sensor Technology : PIR/Ultrasonic 32kHz

Product Features

Adjustment : Self-Adjusting

Code Compliance : California Title 24

Color : True White

Coverage (Sq.Ft.) : 2000

Current Consumption : 30mA

Housing Material : High-Impact, Injection Moulded Plastic

Input Voltage : 24VDC

Isolated Relay : Yes

Load Rating : Uses Power Pack

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

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

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

Pattern Degrees : 360

Product Line : OSC20

Sensor Technology : PIR/Ultrasonic 32kHz

Sensor Type : Ceiling Mount

Standards and Certifications : CUL/US Cert

Technology : Multi-Technology PIR/Ultrasonic

True White : Yes

Warranty : 5-Year Limited

Standards and Certifications

ANCE : Compliant

ASHRAE : Standard 90.1 Compliant

CUL/US : Listed 9034

Code Compliance : California Title 24

Color : True White

FCC : Compliant

Housing Material : High-Impact, Injection Moulded Plastic

LED Indicator : Red Infrared Motion & Green Ultrasonic Motion

NOM : 057

PIR Lens Type : Extended Range

Qty of Transducer Pairs : 2

Sensor Weight : 5oz/142g

Title 24 Compliant : Yes

Transducer Size : 16 mm Diameter

Wire Leads : Color Coded 6 Inch

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.
- 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

Patents*

CA115944	US8312347
CA122495	USD561630
MX24023	USD573053
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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JOB NUMBER: <input type="text"/>	<input type="text"/>	<input type="text"/>

Leviton Manufacturing Co., Inc.

201 North Service Road, Melville, NY 11747
Telephone: +1-800-323-8920 · FAX: +1-800-832-9538 · Tech Line (8:30AM-7:30PM E.S.T. Monday-Friday):
+1-800-824-3005

Leviton Manufacturing of Canada, Ltd.

165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9 · Telephone: +1-800-469-7890 ·
FAX: +1-800-824-3005 · www.leviton.com/canada

Leviton S. de R.L. de C.V.

Lago Tana 43, Mexico DF, Mexico CP 11290 · Tel.: (+52)55-5082-1040 · FAX: (+52)5386-
1797 · www.leviton.com.mx

Visit our Website at: www.leviton.com

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