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**OSC20-RMW**



**Color:** White

UPC Code: 07847754353
Country Of Origin: Mexico
*Eligible for ARRA funded projects > $7,443,000

*Disclaimer...

Product Lists

Add to Product List

View Product List

Quantity: 1

# OSC20-RMW

**Item Description**
Technology: Multi-Technology PIR/Ultrasonic, Mount: Ceiling, Coverage Range Sq. Ft.: 2000 Sq. Ft., Adjustment: Self-Adjusting, Isolated Relay: Yes, Pattern Degrees: 360, Title 24 Compliant: Yes, Grade: Commercial, Color: True White

Where To Buy

Find a Store

enter your zip code

Market Channel

Technical Information Features and Benefits Support

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## 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 Infrared 75 Pct
**Single/Multi-Tech Mode:** Switchable ON/OFF PIR/ULTRA
**LED Disable:** LEDS Enable/LEDS Disable

*Electrical Specifications*

**Input Voltage:** 24VDC
**Current Consumption:** 30mA
**Load Rating:** Uses Power Pack
**Output Voltage:** 24VDC w/Short Circuit Protection

*Environmental Specifications*

**Operating Temperature:** 32F to 104F 0C to 40C
**Operating Humidity:** 0 Pct to 95 Pct Relative, Non-Condensing

*Material Specifications*

**Color:** White
**Housing Material:** High-Impact, Injection Moulded Plastic
**LED Indicator:** Red Infrared Motion & Green Ultrasonic Motion
**PIR Lens Type:** Extended Range
**Qty of Transducer Pairs:** 2

*Product Features*

**Technology:** Multi-Technology PIR/Ultrasonic
**Adjustment:** Self-Adjusting
**Sensor Technology:** PIR/Ultrasonic 32kHz
**Isolated Relay:** Yes
**Pattern Degrees:** 360
**Coverage (Sq.Ft.):** 2000 Sq. Ft.
**Manual Time Adjustment:** 30s-30m, 6s Test Mode
**Load Rating:** Uses Power Pack
**Input Voltage:** 24VDC
**Current Consumption:** 30mA
**Color:** White
**Standards and Certifications:** CUL/US Cert
**Warranty:** 5-Year Limited
**Housing Material:** High-Impact, Injection Moulded Plastic
**True White:** Yes
**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

**Transducer Size:** 16 mm Diameter
**Wire Leads:** Color Coded 6 Inch
**Sensor Weight:** 5oz/142g

*Mechanical Specifications*
**Sensor Technology:** PIR/Ultrasonic 32kHz
**Pattern Degrees:** 360
**Coverage (Sq.Ft.):** 2000 Sq. Ft.
**Major Motion Area:** 64X32 Feet
**Minor Motion Area:** 45X23 Feet

## Features and Benefits

TOP

- 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.
- 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

## Support

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Installation Instructions

Product Specification and Data Sheet

Product Specification and Data Sheet - French

Application Note - Energy Policy Act of 2005

Reference - Occupancy Sensor Technology Intro

Application Note - Changes in Title 24

Application Note - IECC VS ASHRAE 90.1-2001

Application Note - IRS AND ENERGY MANAGEMENT OFFICIAL STATEMENT

Application Note - How Leviton is Ready to Help You Achieve Leed Points

Application Note - ADA and FDA Ultrasonic and MultiTechnology