

**SENSING CONTROL** | Low Voltage Multi-Technology Ceiling Mount

## Low Voltage Occupancy Sensors

### Ceiling Mount Multi-Technology Occupancy Sensors

These advanced motion sensors combine infrared and ultrasonic technology for highly accurate monitoring without false triggers. All-digital self-adjusting technology provides “install and forget” solution for automatic lighting control. Available in a variety of coverage patterns to suit many applications. Use with Leviton Power Pack.

#### Features and Benefits

##### Functional

- Ultrasonic sensing for maximum sensitivity combined with passive infrared (PIR) sensing to prevent false triggers from air conditioning and corridor activity
- Self-adjusting settings continuously analyze and adjust sensitivity, timer operation, and air current compensation for reliable long-term performance
- Isolated relay supports HVAC or other Class 2 low voltage signals
- Supports both 24VAC/VDC power supplies
- Ambient light override to prevent lights from turning on when there is ample natural light
- Manual delayed-off-time settings of 30 seconds to 30 minutes
- Self-adjusting delayed-off-time interval settings for 30 seconds to 30 minutes
- Compensates for real-time occupancy patterns — preventing unnecessary on/off switching
- Non-volatile memory preserves all automatic and manual settings during power outages

##### Physical

- Small, unobtrusive unit blends in with any décor
- Fast, simple installation using 4 color-coded low-voltage wires and a single mounting post
- Compatible with Wiremold® surface raceways for mounting to hard ceilings

#### Ceiling Mount Multi-Technology Occupancy Sensors and Accessories

| Description   | Cat. No.                  | Coverage | Rating       | Color     |
|---|---------------------------|----------|--------------|-----------|
| Multi-Technology Ceiling Mount Occupancy Sensor                     | <a href="#">OSC05-M0W</a> | 40kHz    | 180°, 500SF  | Off-White |
| Multi-Technology Ceiling Mount Occupancy Sensor                     | <a href="#">OSC10-M0W</a> | 40kHz    | 360°, 1000SF | Off-White |
| Multi-Technology Ceiling Mount Occupancy Sensor                     | <a href="#">OSC20-M0W</a> | 32kHz    | 360°, 2000SF | Off-White |
| Multi-Technology Ceiling Mount Occupancy Sensor with Isolated Relay | <a href="#">OSC05-RMW</a> | 40kHz    | 180°, 500SF  | White     |
| Multi-Technology Ceiling Mount Occupancy Sensor with Isolated Relay | <a href="#">OSC10-RMW</a> | 40kHz    | 360°, 1000SF | White     |
| Multi-Technology Ceiling Mount Occupancy Sensor with Isolated Relay | <a href="#">OSC20-RMW</a> | 32kHz    | 360°, 2000SF | White     |
| Power Base Adapter  | <a href="#">OPB15-0DW</a> | —        | —            | Off-White |
| Cosmetic Adapter  | <a href="#">OPBCA-00W</a> | —        | —            | Off-White |
| Protective Cage for Ceiling Mount Sensors                           | <a href="#">ODCCG-000</a> | —        | —            | —         |

Note: Use low-voltage wiring to connect sensors to OSPXX Power Pack

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OSC05-M0W



OSC20-M0W



#### Related Products

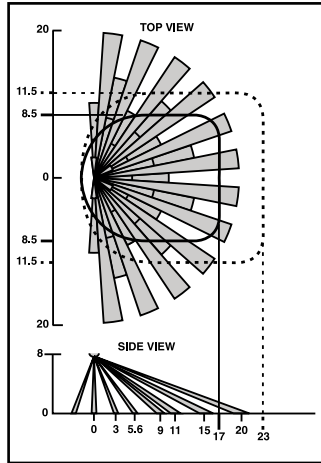
Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. OPP20 Super Duty Power Packs and OSP20 Power Packs, or OPB15 Power Base Adapter (purchased separately). **See pages N-26 to N-29 for more information.**

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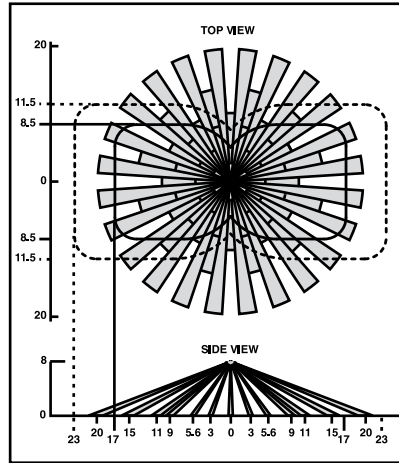
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### Field of View for Low Voltage Multi-Technology Ceiling Mount Occupancy Sensors

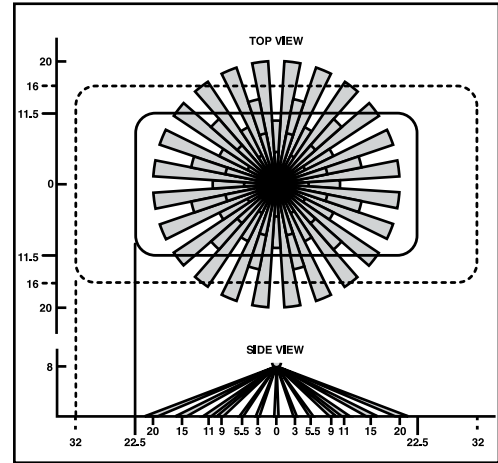
OSC05-M0W (in feet)



OSC10-M0W (in feet)



OSC20-M0W (in feet)



Major Motion, IR
  Minor Motion, Ultrasonic
  Major Motion, Ultrasonic

N

Energy Management

### SPOTLIGHT

#### Occupancy Sensor Layout Services

Take advantage of Leviton's exclusive occupancy sensor layout services online. Our team of experts can create occupancy sensor layouts directly on your CAD drawings complete with a List of Equipment at no cost to you. Go to [portal.leviton.com](http://portal.leviton.com).

