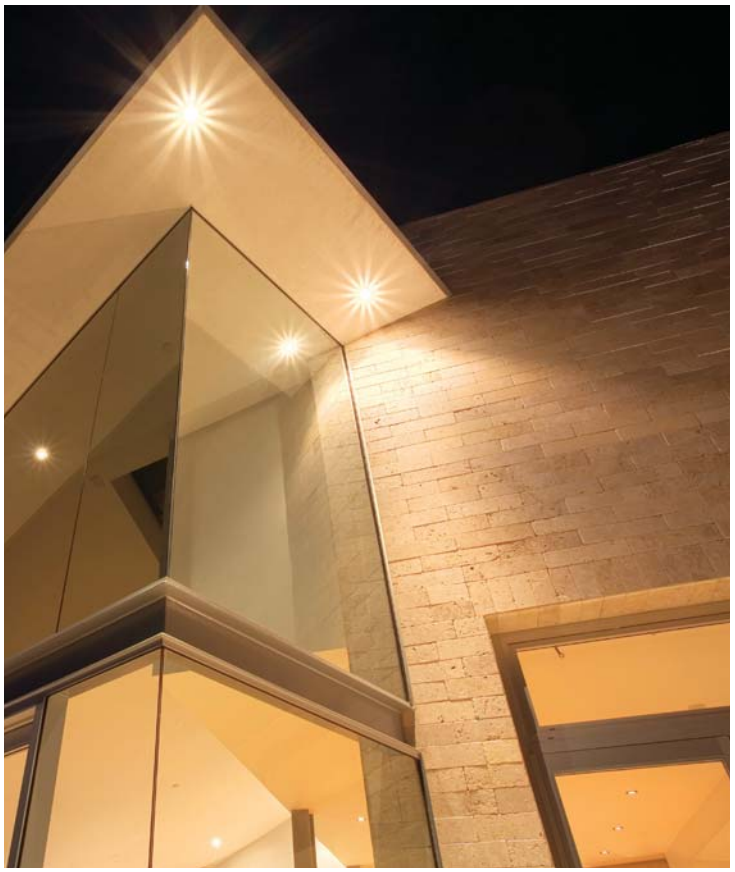
THE FUTURE IS ON®

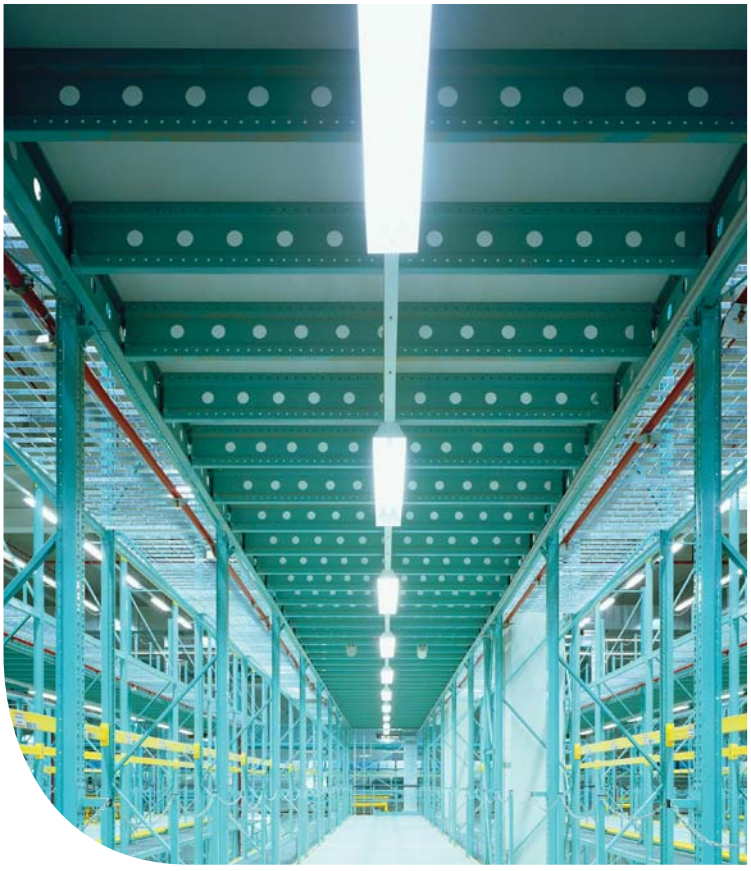
LEVITON®

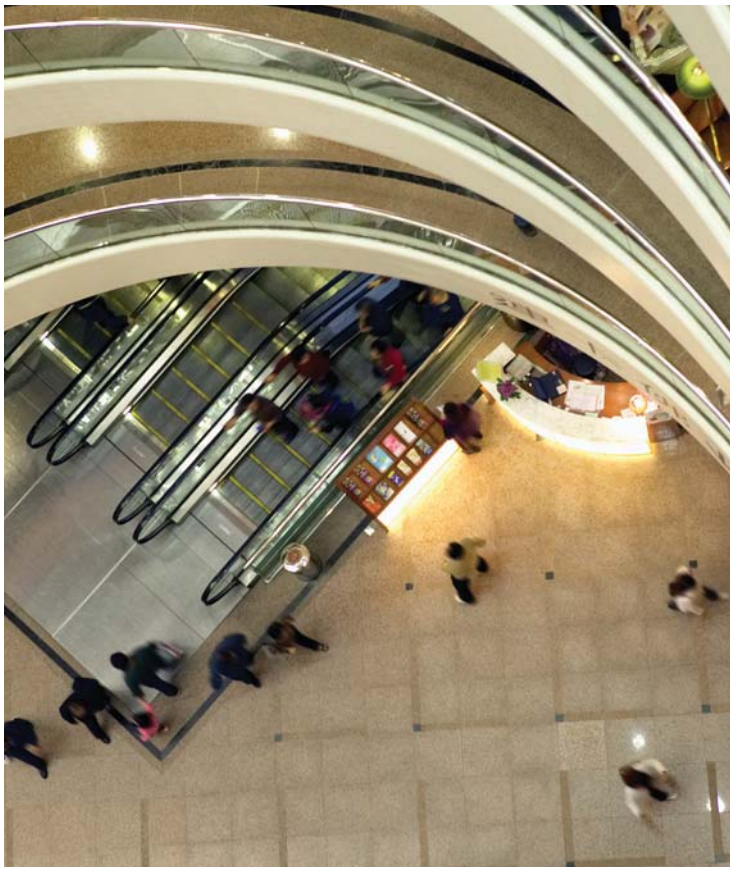
Smart Products. Ingenious Solutions.

Wiring Devices, Energy Management Solutions and Commercial Data Infrastructure Products

L-200







Energy Management Products

INDEX

Commercial Grade

LevNet RF™ Wireless Self-Powered Solutions

Wireless self-powered technology means no new wiring, external power, or batteries. Leviton LevNet RF Wireless Self-Powered Solutions are easy to install and maintenance-free, saving ongoing labor and material costs while saving energy.

enocean® alliance

No Wires. No Batteries. No Limits.

Leviton is part of the EnOcean Alliance dedicated to the advancement of self-powered interoperable wireless building control systems. EnOcean technology allows energy harvesting LevNet RF transmitters to operate indefinitely without the use of batteries. The motion of a switch actuation, light on a solar cell, or temperature differentials in the environment provide power to Leviton transmitters, allowing zero-maintenance wireless devices. The LevNet RF line includes multiple products that operate in the non-crowded 315 MHz band offering greater transmission range than other wireless technologies and minimal competitive traffic.

Green Solutions

Energy Savings

- Place virtually anywhere and control any LevNet RF or compatible EnOcean Alliance wireless device within range - the opportunities for energy savings are limitless
- Wireless self-powered occupancy sensors turn lights and other devices off when a room is unoccupied
- Wireless self-powered temperature sensors set heating or air conditioning to an “economy” setting
- Master switch stops current to devices that draw standby power and ensures lights, fans, and other devices are off when exiting

Material Savings

- No wires to run - reduce the amount of materials, labor, and time on installation
- No batteries or external power required - save on materials, energy, and waste from battery manufacturing and disposal

Minimize Costs

- Shorten electrical planning by hours
- Reduce labor required for initial installation and ongoing maintenance
- Flexible, adaptable systems can be moved or expanded with ease after initial installation
- Avoid wall repairs in retrofit applications
- Eliminate switch legs, traveler wires, and other raw materials

Ideal for Use In

- Energy-wise lighting and HVAC control, hospitality energy management, classroom automation, building remodeling, retrofit projects and more
- All LevNet RF devices are NAFTA/Buy American compliant

Wireless Occupancy Sensing Solutions

Leviton combines occupancy sensing with wireless and self-powered technology for savings on energy, labor, material and time. With no additional wiring needed for installation, it's the ideal wireless solution for retrofit projects that need occupancy sensors or multi-location (3-way or 4-way) switching. Installation is quick and easy. Simply replace the existing wall switch with the Wall Switch Receiver, mount the Wireless Self-Powered Occupancy Sensor and installation is complete. With no wires to run, installation costs can be as much as 50% less than conventional hardwire systems. The Wall Switch Receiver and Wireless Remote Switch can also be used for easy and convenient wireless multi-location (3-way or 4-way) switching.

Specifications & Features

Wireless Self-Powered Infrared Occupancy Sensor

- Simple, fast installation with no additional wiring – the Wireless Occupancy Sensor communicates with the Wall Switch Receiver and Self-Powered Remote Switch via wireless technology, eliminating the need to pull any additional wire
- Auto-ON/Auto-OFF and Manual-ON/Auto-OFF modes
- Self-powered – a built-in solar cell draws on available light to power itself indefinitely without the need for batteries or external power; includes a receptacle for batteries and 24V connection, for applications where no ambient light is available
- Sensors can be placed in locations difficult to hardwire in both retrofit and new construction applications
- Walk-thru feature turns the lights off after momentary occupancy
- Use WSCØ4 for areas where minor motion is likely to occur
- Use WSC15 for large areas where minor motion is not likely to occur

LevNet RF Wall Switch Receiver and Self-Powered Remote Switch

- Simple, fast installation with no additional wiring
- Takes the place of traditional single-pole wall switches and fits in a standard single-gang wall box
- Provides local control and manual override (WSS10 models)
- Provides remote local control and manual override (WSS0S-PØX models)
- Convenient wireless multi-location (3-way or 4-way) switch solution – simply link the Wall Switch Receiver and as much as six
  Wireless Self-Powered Remote Switches – no additional wiring needed
- Responds to signals from the occupancy sensor, automatically shutting off lights when the room is vacant
- Self-powered, draws on kinetic energy to charge itself each time the button is pushed (WSS0S-PØX models)
- Relay uses zero-crossing circuitry for enhanced reliability and long-life operation
- Compatible with incandescent, fluorescent and low-voltage lighting
- Compatible with electronic and magnetic ballasts
- Non-neutral models for retrofit applications available (WSS10 models)

Ideal For Use In

Any retrofit application, any new construction, private and executive offices, conference rooms, class rooms, rest rooms and daycare centers.

Wireless Self-Powered Solutions

WIRELESS SENSORS

Description	Cat. No.	Rating	Coverage	Color
PIR Occupancy Sensor, 450SF (best for minor motion)	WSC04-I0W	—	360°, 450SF	W
PIR Occupancy Sensor, 1500SF (best for large areas)	WSC15-I0W	—	360°, 1500SF	W

WIRELESS SWITCHES

(Use with WSC04-I0W, WSC15-I0W, or WSS0S-P0X)

Description	Cat. No.	Rating	Color
Decora® Wall Switch Receiver	WSS10-0D	Incandescent: 800W @ 120V. Fluorescent Ballasts: 1200VA @ 120V, 2700VA @ 277V. Motor: 1/4 HP Load @ 120V	W, I, A, T, G, E
Decora Wall Switch Receiver, Non-Neutral for Retrofit Applications	WSS10-GD	Incandescent: 800W @ 120V. Fluorescent Ballasts: 1200VA @ 120V, 2700VA @ 277V. Motor: 1/4 HP Load @ 120V	W, I, A, T, G, E

WIRELESS REMOTE SWITCHES

Description	Cat. No. *	Color
Single Push ON/OFF Remote Switch	WSS0S-P0	W, I, A, T, G, E
1-Gang Single Rocker Decora Switch	WSS0S-D0	W, I, A, T, G, E
1-Gang Dual Rocker Decora Switch	WSS0S-D2	W, I, A, T, G, E
Handheld 4-Button Remote	WSS0S-R0W	W
Hotel Key Card Switch	WSS0S-H0W	W
Thermostat, 4VAC	WS0TH-S0W	W
3 x 3 Single Rocker Switch	WSS0S-E0	W, E
3 x 3 Dual Rocker Switch	WSS0S-E2	W, E

WIRELESS LINE VOLTAGE RECEIVERS

Description	Cat. No. *	Color
3-Wire 500 Relay Receiver, 120VAC	WSP05-010	W
3-Wire 1200 Relay Receiver, 277VAC	WSP05-020	W
3-Wire 1000 Relay Receiver, 240VAC	WSP05-080	W
5-Wire 1500 Relay Receiver, 120VAC	WSP12-010	W
5-Wire 3200 Relay Receiver, 277VAC	WSP12-020	W
5-Wire 3000 Relay Receiver, 240VAC	WSP12-080	W
5-Wire 300 Relay Receiver, 24VAC	WSP12-R10	W

WIRELESS PLUG-IN RECEIVERS

Description	Cat. No. *	Color
Plug-In Dimmer Receiver	WSG0S-D1T	T
Plug-In ON/OFF Relay Receiver	WSG0S-S1T	T

WIRELESS LOW VOLTAGE RECEIVERS

Description	Cat. No. *	Color
2-Channel Room Controller, 2 Inputs/2 Outputs, 8-30VDC	WS0RC-200	W
3-Channel Room Controller, 1 Input/3 Outputs, 8-30VDC	WS0RC-300	W
4-Channel Room Controller, 0 Input/4 Outputs, 8-30VDC	WS0RC-400	W
2-Channel Shade Controller, 8-30VDC	WS0RC-S00	W
4-Channel Relay Receiver, 8-30VAC or 8-30VDC	WSPAS-LV4	W
8-Channel Relay Receiver, 8-30VAC or 8-30VDC	WSPAS-LV8	W

WIRELESS TRANSMITTERS

Description	Cat. No. *	Color
SLT Circuit Interlock Transmitter, 120VAC	WSSLT-010	W
SLT Circuit Interlock Transmitter, 240VAC	WSSLT-R10	W
4-Channel SLT Transmitter, 8-28VDC	WSSLT-GP0	W

WIRELESS ACCESSORIES

Description	Cat. No. *	Color
RS-232 Serial Box Data Interface	WS0RF-300	W
Signal Strength Meter	WSMET-010	W

*** Colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-G), Black (-E).**

TESTING AND CODE COMPLIANCE

- WSCXX, WSS10 and WSSØS-PØX models
  - CEC Title 24 Compliant
  - FCC Certified for Wireless Communication
  - C-ETL/ETL Listed to UL508 (WSS10 and WSS0S-PØX models)
  - Backed by Limited Five-Year Warranty

COLOR

To order colors, add suffix to catalog number as follows:
White (-W), Ivory (-I), Almond (-A), Light Almond (-T), Grey (-G), Ebony (-E).

LEVITON

Commercial Grade

More Wireless Self-Powered Solutions

Wireless Remote Switches

- Controls virtually any on/off device

Single Push ON/OFF Remote Switch

Single Rocker Decora® Switch

Dual Rocker Decora® Switch

Handheld 4-Button Remote

Hotel Key Card Switch

- Designed for the hospitality industry, the key card is inserted into the switch and a wireless signal is sent to a receiver(s) that controls devices in the room

Thermostat

- Adjusts temperature based on "Occupied" and "Unoccupied" signals

3X3 Single Rocker Switch

3X3 Dual Rocker Switch

Wireless Line Voltage Receivers

3-Wire Relay Receivers

- Basic control for up to 30 wireless light switches

5-Wire Relay Receivers

- Converts an existing pole switch into a 3-way (or multi-way) switch without running any wire
- Use for larger load ratings and motor load control

Wireless Plug-In Receivers

Plug-In Dimmer Receiver

- Dimming and relay (on/off) control of devices

Plug-In ON/OFF Relay Receiver

- Relay (on/off) control of devices

Wireless Low Voltage Receivers

2, 3 and 4-Channel Room Controller

- Manual and auto-OFF control of lights when no one is in a room
- Use with as much as four power packs and low-voltage sensors
- Available as 2 Inputs/2 Outputs or 1 Input/3 Outputs or 0 Input/4 Outputs models

2-Channel Shade Controller

- Enables manual and automated control of window shades and blinds

4 and 8-Channel Relay Receiver

- Connects wireless switches and sensors to new or existing control systems

Wireless Transmitters

SLT Circuit Interlock Transmitter

- Replaces wires between an electrical load and a switch with an RF control signal to control loads

4-Channel SLT Transmitter

- Connects (4) GPIO signals from the HVAC controller to control lighting

Wireless Accessories

RS-232 Serial Box Data Interface

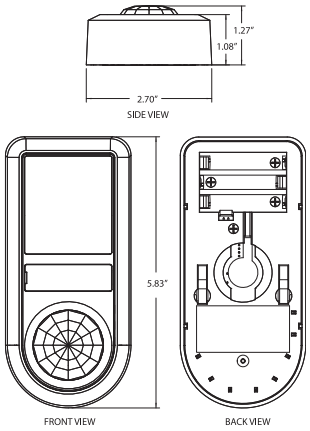
- Connects to any system that uses an RS-232 Serial Port

Signal Strength Meter

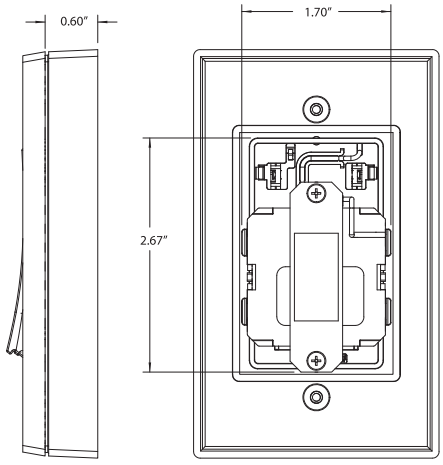
- Portable tool for measuring and indicating the received field strength (RSSI) of EnOcean telegrams and distributing radio activity at 315MHz
- Supports electrical installers during the planning phase
- Verifies whether the installation of Leviton LevNet RF products are possible at the positions planned

LevNet RF solutions are powered by EnOcean Alliance wireless devices.

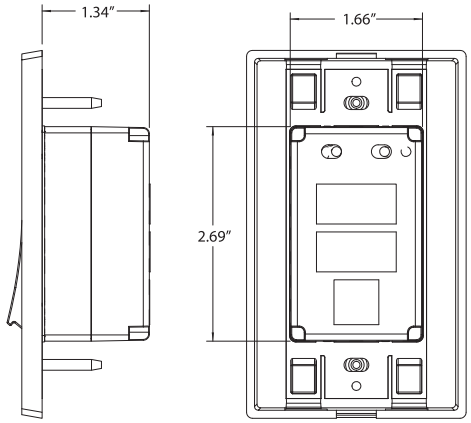
DIMENSIONS



WSC04/WSC15

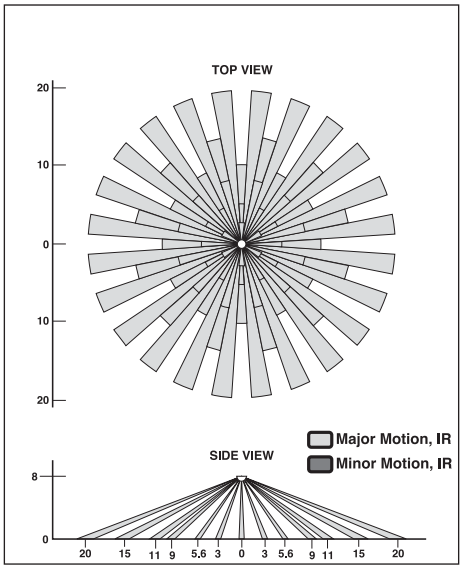


WSS0S

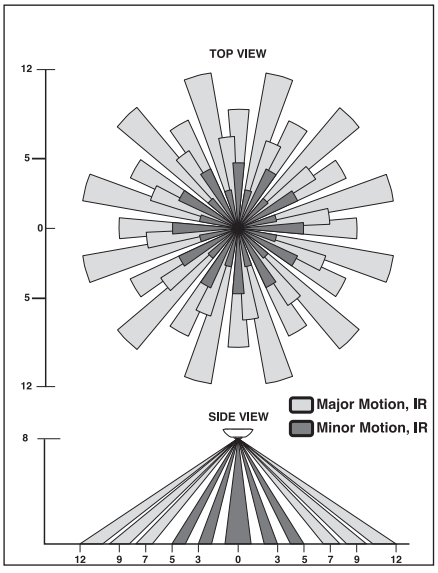


WSS10

FIELD OF VIEW



WSC15 Field of View
(in feet)



WSCØ4 Field of View
(in feet)

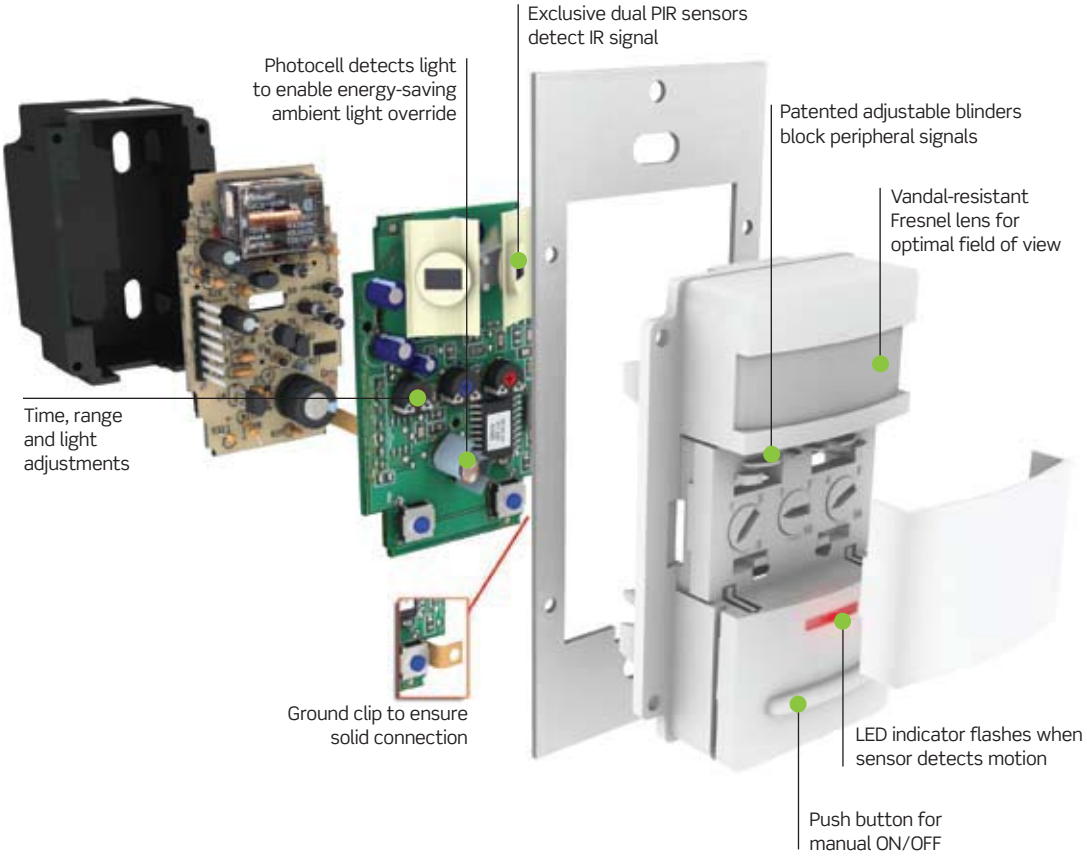
LEVITON

Commercial Grade

Occupancy Sensor Lighting Controls

Leviton offers a variety of space-monitoring Occupancy Sensor Lighting Controls for virtually any room, facility, home or office. Wall or ceiling mount, with passive infrared, ultrasonic or multi-technology sensing; end-users will benefit from the energy savings, convenience and security provided by Leviton Occupancy Sensors.

Wall-Switch Occupancy Sensor (ODSIØ Shown)



COLORS

To order colors, add suffix to Cat No.

White (-W)	Ivory (-I)	Almond (-A)	Light Almond (-T)	Grey (-G)	Black (-E)

Features and Benefits

- Adjustable delayed-OFF and/or self-adjusting delayed-OFF interval compensates for occupancy patterns—preventing unnecessary ON/OFF switching
- Many with self-adjusting settings that continuously analyze and adjust for optimum performance
- Advanced passive infrared (PIR) technology for monitoring obstruction-free areas
- Advanced ultrasonic sensing technology for highly accurate small-motion monitoring
- For use with incandescent or fluorescent lighting
- Backed by a Limited Five-Year Warranty

Wall Switch Occupancy Sensor Lighting Controls

Specifications and Features

All ODS Wall Switch Sensors

- Leviton Wall Switch sensors are designed for operation in a variety of voltages, reducing the need for additional SKUs
- Photocell with ambient light override prevents these devices from switching lights ON when there is ample natural sunlight
- Push-button manual override is used to turn lights ON at any time, regardless of the override setting
- 180° field of view, 2100 sq. ft. of coverage
- One unit can be used for 120V or 277VAC 60Hz incandescent, low voltage and fluorescent lighting with either magnetic or electronic ballasts, and motor loads
- Exclusive dual PIR sensors
- Patented adjustable blinders
- Vandal-resistant Fresnel lens
- Fits in standard wallbox; gangable
- Elegant Decora styling; uses Decora wallplate
- Bcked by a Limited Five-Year Warranty

ODS15-ID PIR Occupancy Sensor

- For use in small offices, conference rooms, classrooms, stockrooms, lounges, restrooms, warehouses and commercial areas
- Exclusive automatic "Walk-Through" sensing increases energy savings by shutting lights within 2 1/2 minutes after momentary occupancy
- Delayed-OFF time interval (10, 10 and 30 minutes) compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching—with 30-second test mode

ODS10-ID PIR Occupancy Sensor

- For use in enclosed offices, storage rooms, copier rooms and closets
- Delayed-OFF time settings: 10, 20 and 30 minutes with 30-second test mode

All Night Light Wall Switch Sensors

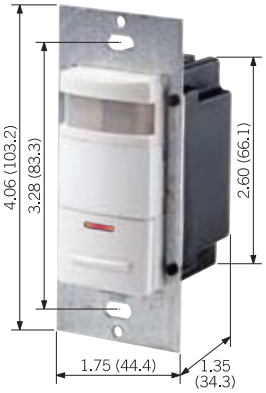
- For use in conference rooms, classrooms, small offices, lounges, hotel/hospital/office restrooms
- 180˚ field of view, 1200 sq. ft. of coverage
- Night light with dim feature

OSSNL-ID PIR Occupancy Sensor

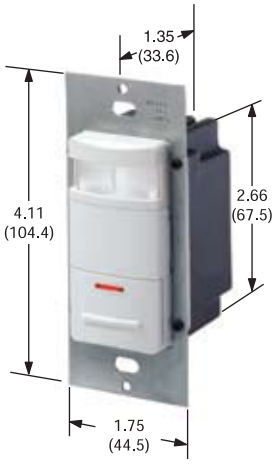
- Manual delayed-off time settings: 30 seconds test mode, 30 minutes, 1 hour, 2 hours

OSS10-ID PIR Occupancy Sensor

- Manual delayed-off time settings: 30 seconds test mode, 10, 20 and 30 minutes
- Manual ON/Auto OFF operation for CEC Title 24 Compliance



ODS15-IDW



OSSNL-IDW/OSS10-IDW

WALL SWITCH INFRARED OCCUPANCY SENSOR LIGHTING CONTROLS

Description	Cat. No.	Rating	Color
Decora® Wall Switch PIR Occupancy Sensor, 180˚ field of view, 2100 sq. ft	ODS10-ID	Incandescent: 800W @ 120V, Fluorescent: 1200VA @ 120V, 2700VA @ 277V. For 60 Hz AC only. Motor: 1/4 HP @ 120V	W, I, A, T, G, E
Decora Wall Switch PIR Occupancy Sensor with Self-Adaptive Technology, 180˚ field of view, 2100 sq. ft	ODS15-ID	Incandescent: 1800W @ 120V. Fluorescent: 1800VA @ 120V, 4000VA @ 277V. Motor: 1/4 HP @ 120V	W, I, A, T, G, E
Decora Wall Switch PIR Occupancy Sensor with LED Night Light, 180˚ field of view, 1200 sq. ft (neutral required)	OSSNL-ID	Incandescent: 800W @ 120V Fluorescent: 1200VA @ 120V 2700VA @ 277V Motor: 1/8HP @ 120V	W, I, A, T, G, E
CEC Title 24 Compliant Decora Wall Switch PIR Manual-ON Sensor with LED Night Light, 180˚ field of view, 1200 sq. ft (neutral required)	OSS10-ID	Incandescent: 800W @ 120V Fluorescent: 1200VA @ 120V 2700VA @ 277V Motor: 1/8HP @ 120V	W, I, A, T, G, E

TESTING AND CODE COMPLIANCE

- UL Listed (File #E-118904)
- CSA Certified (File #LR-91148M)
- NOM Certified (#057)
- Conforms to California Title 24 Energy Code
- Meets ASHRAE Standard 90.1 requirements

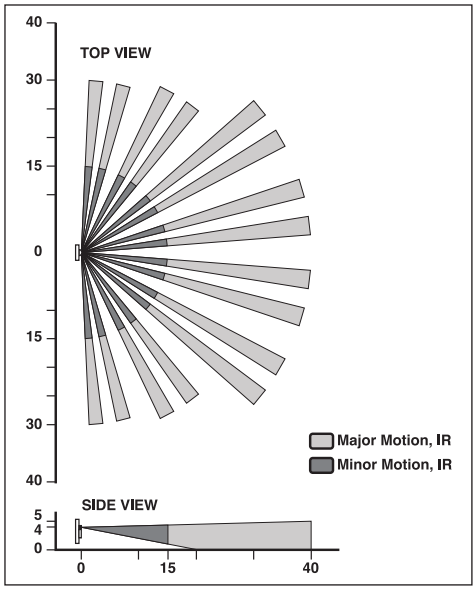
MATERIAL CHARACTERISTICS

Operating Temperature: 0°C to 50°C
Storage Temperature: -10°C to 85°C
Relative Humidity: 20% to 90% non-condensing

COLOR

To order colors, add suffix to catalog number as follows: White (-W), Ivory (-I), Almond (-A), Light Almond (-T), Grey (-G), Black (-E).

FIELD OF VIEW



ODSXX-ID/OSSXX-ID Field of View (in feet)

Decora® Wall Switch Occupancy Sensor Lighting Controls (Commercial Grade)

Convenient switch and occupancy sensor combo in sleek Decora® style unit. Advanced passive infrared technology provides highly accurate monitoring in a variety of commercial applications. The OSSMD and OSSMT Multi-Tech unit combines passive infrared and ultrasonic technologies to provide maximum sensitivity with immunity to false triggering.

Specifications and Features

- Leviton Wall Switch Sensors are designed for operation in a variety of voltages, reducing the need for additional SKUs

Dual-Relay PIR Occupancy Sensors

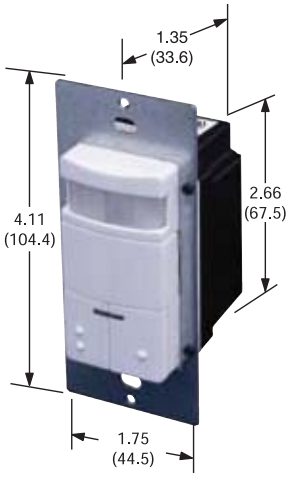
- Ideal for classrooms, multimedia and conference rooms, day care centers, office, and lounges
- Exclusive automatic "Walk-Through" sensing
- Provides automatic switching for 2 separate banks of fluorescent, incandescent, or low-voltage lighting from a single unit
- Delayed-OFF time interval (10, 20 and 30 minutes) compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching—with 30-second test mode
- ODS0D-TD provides Manual-ON/Auto-OFF operation for CEC Title 24 compliance
- Backed by a Limited Five-Year Warranty

OSSMT-MD, OSSMT-GD, OSSMD-MD, OSSMD-GD, OSSMD-FT

- OSSMT ideal for private and Executive offices, conference rooms, storage areas, restrooms, classrooms, lounges, and training areas, or areas where minor motion is likely to occur
- OSSMD ideal for bi-level offices, partitioned areas and restrooms or areas where minor motion is likely to occur
- Photocell with ambient light override prevents lights from turning on when there is ample natural light
- Manual override turns lights on at any time regardless of override setting
- Exclusive automatic "walk-through" sensing increases energy savings by shutting lights within 2 1/2 minutes after momentary occupancy
- Manual delayed-off-time settings: (10, 20, and 30 minutes) compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching — with 30-second test mode
- Single-pole and 3-way wiring
- Adjustable integral blinders with 180° to 32° field-of-view
- Manual ON/Auto OFF operation for CEC Title 24 compliance
- Backed by a Limited Five-Year Warranty

DUAL-RELAY DECORA WALL SWITCH INFRARED OCCUPANCY SENSOR

Description	Cat. No.	Photocell Control Options Per Relay	Rating	Color
Dual-Relay Decora Wall Switch PIR Occupancy Sensor with Self-Adaptive Technology, 180˚ field of view, 2100 sq. feet	ODS0D-ID	Default Setting: Conference Room Mode (Both Primary and Secondary Relays respond to Ambient Light Override.) Alternate Setting: Classroom Mode (Primary Relay only responds to Ambient Light Override.)	Primary Relay: Fluorescent: 1200VA @ 120V, 2700VA @ 277V. Incandescent: 800W @ 120V. Secondary Relay: Fluorescent: 800VA @ 120V, 1200VA @ 277V. Incandescent: 800W @ 120V	W, I, A, T, G, E



ODS0D-IDW/ODS0D-TDW

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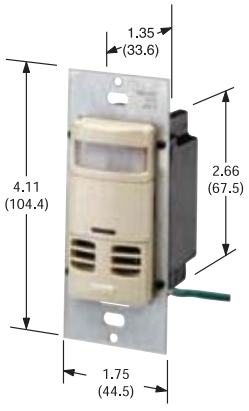
Description	Cat. No.	Photocell Control Options Per Relay	Rating	Color
Dual-Relay Decora Wall Switch PIR Occupancy Sensor with Self-Adaptive Technology. Secondary relay provides Manual-ON only for CEC Title 24 compliance, 180˚ field of view, 2100 sq. ft	ODS0D-TD	Primary Relay provides Automatic ON switching and responds to Ambient Light Override. Secondary Relay provides Manual-ON switching only	Primary Relay: Fluorescent: 1200VA @120V, 2700VA @ 277V. Incandescent: 800W @ 120V. Secondary Relay: Fluorescent: 800VA @ 120V, Incandescent: 800W @ 120V	W, I, A, T, G, E

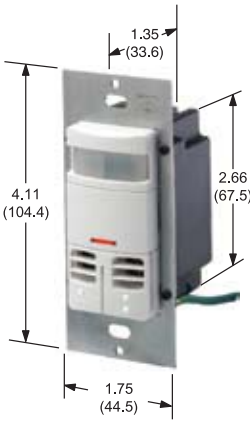


OSSMT-MD /
OSSMT-GD / OSSMD-FT
Multi-Tech Sensor

DECORA® WALL SWITCH MULTI-TECH (PIR & US) OCCUPANCY SENSORS*

Description	Cat. No.	Rating	Color
Decora Wall Switch Multi-tech Occupancy Sensor with Self-Adaptive Technology 180°, 2400SF	OSSMT-MD	Incandescent/Tungsten: 800W @ 120V Fluorescent: 1200V@120V, 2700VA@277V, Motor: 1/4HP@120V	W, I, A, T, G, E
Decora Wall Switch Multi-tech Occupancy Sensor No neutral wire required for installation 180°, 2400SF	OSSMT-GD	Incandescent/Tungsten: 800W @ 120V Fluorescent: 1200V@120V, 2700VA@277V, Motor: 1/4HP@120V	W, I, A, T, G, E
Dual-Relay Decora Wall Switch Multi-tech Occupancy Sensor 180°, 2400SF	OSSMD-MD	Primary Relay: Fluorescent:1200VA @120V, 2700VA @ 277V. Incandescent: 800W @ 120V Motor: 1/4HP@120VC	W, I, A, T, G, E
Dual-Relay Decora Wall Switch Multi-tech Occupancy Sensor No neutral wire required for installation 180°, 2400SF	OSSMD-GD	Primary Relay: Fluorescent:1200VA @120V, 2700VA @ 277V. Incandescent: 800W @ 120V Secondary Relay - Fluorescent 800VA @ 120V, 1200VA@277V; Incandescent:800W@120V Motor: 1/4HP@120VC	W, I, A, T, G, E
Dual-Relay Decora Wall Switch Multi-tech Occupancy Sensor 10 minute delayed - OFF on and relay 180°, 2400SF	OSSMD-FT	Primary Relay: Fluorescent:1200VA @120V, 2700VA @ 277V. Incandescent: 800W @ 120V Secondary Relay - Fluorescent	W, I, A, T, G, E

*Consult Factory for 208, 220, 230 and 240V models.



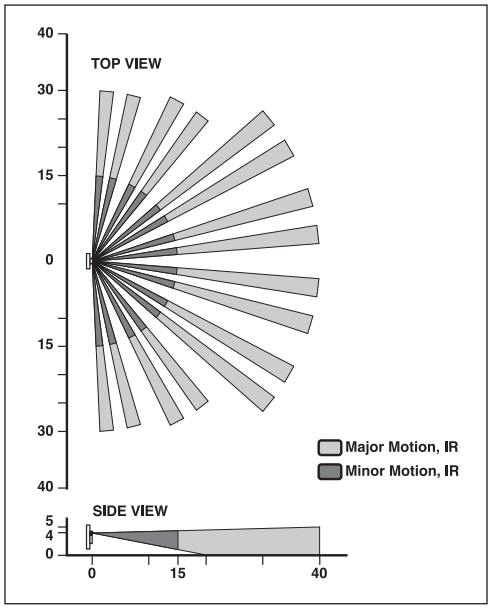
OSSMD-MD / OSSMD-GD
Dual Relay Multi-Tech Sensor

TESTING AND CODE COMPLIANCE
- UL Listed (File #E-118904), (ODSXX and OSSMT-MD models)
- CUL/US Certified (0DS0D-ID)
- ETL/cETL Listed UL508/CSA C22.2 No. 14 (OSSMD and OSSMT-GD models)
- CSA Certified (File #LR-91148M)
- CEC Title 24 compliant (ODSXX, and OSSMX models) and meets ASHRAE Standard 90.1 requirements

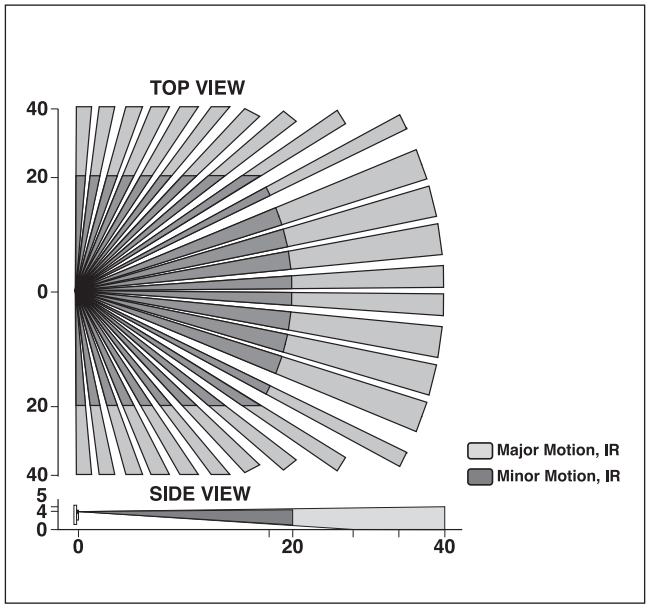
MATERIAL CHARACTERISTICS
- Operating Temperature: 0°C to 50°C
- Storage Temperature: -10°C to 85°C
- Relative Humidity: 20% to 90% non-condensing

COLOR
To order colors, add suffix to catalog number as follows: White (-W), Ivory (-I), Almond (-A), Light Almond (-T), Grey (-G), Black (-E).

FIELD OF VIEW



ODSØD
(Field of View in Feet)



OSSMD/OSSMT
(Field of View in Feet)

Occupancy Sensor Lighting Controls - Fixture Mount

Specifications and Features

OSFHU

- Ideal in commercial facilities with high ceilings, including warehouses, manufacturing, cold storage and others
- Mounts directly to industrial-style fluorescent luminaires or electrical junction box
- Universal unit includes an open area 360˚ high bay lens installed in the sensor, 360° low bay lens and an interchangeable 60 x 20 ft. aisle-pattern lens
- 360° high-bay (white lens) with 2:1 spacing to mounting height coverage under 25 ft. mounting and 1.5:1 for heights up to 40 ft. mounting. 360° low-bay (blue lens) with 2:1 spacing to mounting height coverage for 15 ft. to 25 ft. mounting. aisle (black lens) with detection of 60 ft. long by 20 ft. wide for heights up to 40 ft. mounting.
- Models include cold storage applications as low as -40°F as well as a non-neutral 480V
- Self-contained PIR sensor and relay turn individual fixtures ON/OFF based on occupancy
- Accommodates high-bay 8-40 ft. mounting heights
- Relay uses zero-crossing circuitry for enhanced reliability and long-life operation
- Delayed-OFF time adjustment from 30 seconds to 20 minutes
- Two-piece accessory offset adapter (Cat. No. OSFOA-00W) that snaps into a 1/2" knockout on the end of an industrial fixture is also available
- Adapter allows positioning of the sensor below the fixture body to improve field of view for deep body fixtures
- Backed by a Limited Five-Year Warranty

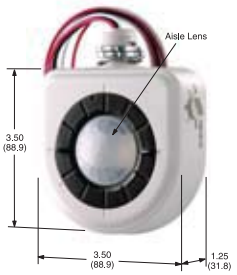
OSF10

- Ideal for pre-wiring and installing inside of luminaire fixtures for use in small offices, cubicles, task lighting, cabinet lighting and small bathroom lighting
- Easy installation with longer 38" leads allows for easy connection to any ballast and eliminates the need to splice additional wiring
- Integrated photocell prevents lights from turning ON when room is adequately illuminated by natural light maximum energy savings
- True Zero-Cross relay technology provides maximum contact life and compatibility with electronic ballasts
- Adjustable Time Delay and Light Level dials located on sensor housing for easy access
- Compact size for tight spaces
- 8-10ft. mounting heights for indoor use
- Internal fixture mount reduces number of devices on ceiling
- Backed by a Limited Five-Year Warranty

OCCUPANCY SENSOR LIGHTING CONTROLS - FIXTURE MOUNT COMMERCIAL GRADE*

Description	Cat. No.	Rating	Color
PIR Fixture Mount High-Bay Occupancy Sensor with Three Interchangeable Lenses for High-Bay, Low-Bay, and Aisle Way Patterns, 120-347VAC	OSFHU-ITW	Fluorescent: 800VA @ 120V, 1200VA @ 277V, 1500VA @ 347V. Motor: 1/4HP @ 120V	W
PIR Fixture Mount High-Bay Occupancy Sensor with Three Interchangeable Lenses for High-Bay, Low-Bay, and Aisle Way Patterns for Cold Storage Applications, 120-347VAC	OSFHU-CTW	Fluorescent: 800VA @ 120V, 1200VA @ 277V, 1500VA @ 347V. Motor: 1/4HP @ 120V	W
PIR Fixture Mount High-Bay Occupancy Sensor with Three Interchangeable Lenses for High-Bay, Low-Bay, and Aisle Way Patterns, 480VAC	OSFHU-I4W	Fluorescent: 1500VA @ 347V, 2400VA @ 480V. Motor: 1/4HP @ 120V	W
PIR Fixture Mount High-Bay Occupancy Sensor with Three Interchangeable Lenses for High-bay, Low-Bay, and Aisle Way Patterns for Cold Storage Applications, 480VAC	OSFHU-C4W	Fluorescent: 1500VA @ 347V, 2400VA @ 480V. Motor: 1/4HP @ 120V	W
Offset Adapter Accessory for Fixture-Mount High-Bay Occupancy Sensor	OSF0A-00W OSFLO-00W	—	W
Fixture Mount Intergral Luminaire Occupancy Sensor, 120-347VAC	OSF10-I0W	Fluorescent: 800VA @ 120V, 1200VA @ 277V Incandescent: 800W@120V Motor: 1/6 HP@120V	W

*Consult Factory for 208, 220, 230 and 240V models.



OSFHU-ITW


OSFHU
360° Low-Bay Lens


OSFHU
360° High-Bay Lens

TESTING AND CODE COMPLIANCE
- UL and cUL Listed

MATERIAL CHARACTERISTICS
- Operating Temperature: 0°C to 55°C
- Storage Temperature: -10°C to 80°C
- Relative Humidity: 20% to 90% non-condensing

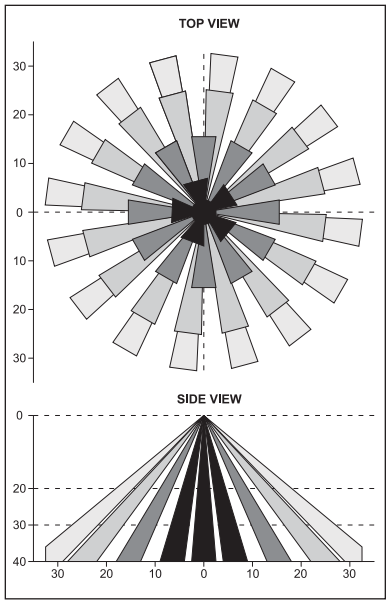
COLOR
To order colors, add suffix to catalog number as follows: White (-W).


OSF0A

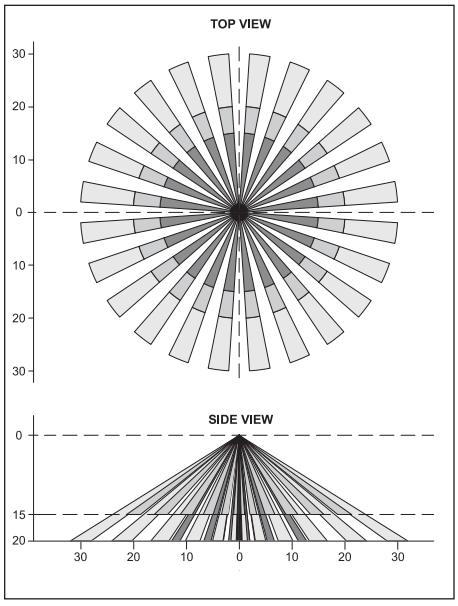

OSF10

FIELD OF VIEW

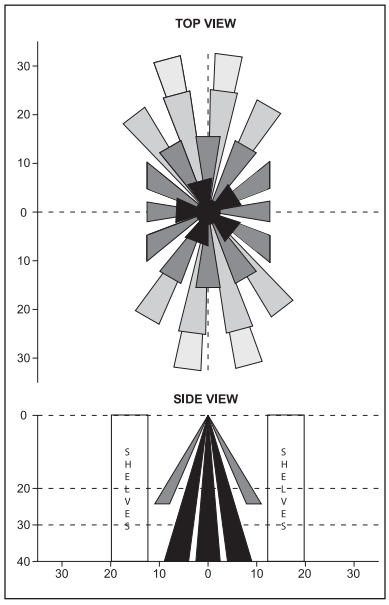
OSFHU Field of View (in feet)



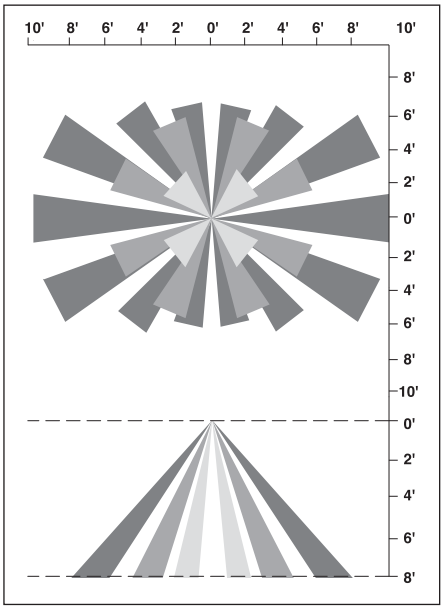
360° High-Bay
(White Lens)



360° Low-Bay
(Blue Lens)



Aisle
(Black Lens)



OSF10-I0W
Field of View (in feet)

Ceiling-Mount Occupancy Sensor Lighting Controls

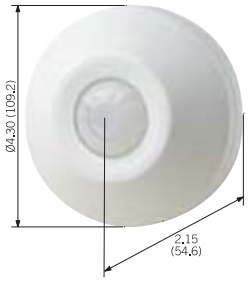
PIR Occupancy Sensor with built-in relay—Separate Power Pack not required

Specifications and Features

- Ideal for storage areas, small bathrooms, copy rooms and a variety of small spaces without wall switches
- Full 360° view of a 530 sq. ft. area when surface mounted on standard, 8-foot ceiling
- Sensor and switching relay combined in a single self-contained unit—No control unit required
- Ambient light override option prevents lights from turning ON when there is ample natural light
- Adjustable Delayed-OFF time settings from 20 seconds (for test mode) to 15 minutes
- Small, unobtrusive self-contained unit: 4.3" (109.2 mm) diameter testing & code compliance
- Backed by a Limited Five-Year Warranty

SELF-CONTAINED INFRARED CEILING-MOUNT OCCUPANCY SENSOR

Description	Cat.No.	Rating	Coverage	Color
Self-Contained Ceiling-Mount Infrared Occupancy Sensor and Switching Relay	ODC0S-I1W	Incandescent: 1000W @ 120V. Fluorescent: 1000VA @ 120V. 1 HP @ 120V For 60Hz AC only	360°, 530 sq. ft	W
Self-Contained Ceiling-Mount Infrared Occupancy Sensor and Switching Relay	ODC0S-I2W	Incandescent: 1000W @ 220V. Fluorescent: 500VA @ 220V. For 50Hz AC only	360°, 530 sq. ft	W
Self-Contained Ceiling-Mount Infrared Occupancy Sensor and Switching Relay	ODC0S-I7W	Fluorescent: 2700VA @ 277V. For 60Hz AC only	360°, 530 sq. ft	W
Protective Cage	ODCCG	—	—	W



ODC0S-I1W

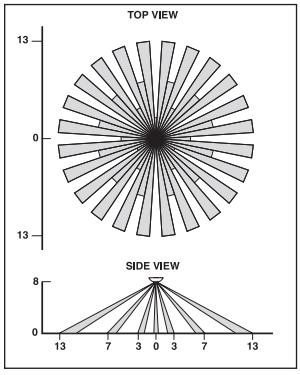
TESTING AND CODE COMPLIANCE

- UL and CSA Certified
- California title 24 compliant and meets ASHRAE Standard 90.1 requirements

COLOR

To order colors, add suffix to catalog number as follows: White (-W)

FIELD OF VIEW



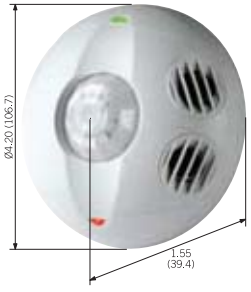
ODC0S-I Field of View (in feet)

Multi-Technology Ceiling-Mount Occupancy Sensor

Advanced motion sensors combine infrared and ultrasonic technology for highly accurate monitoring without false triggering. All-digital self-adjusting technology provides "Install and Forget" solution for automatic lighting control.

Specifications and Features

- Ideal for office areas with cubicles, general work space, classrooms, cafeterias and public areas in commercial facilities
- Ultrasonic sensing for maximum sensitivity combined with Passive Infrared (PIR) sensing to prevent false triggering from air conditioning and corridor activity
- Self-adjusting settings continuously analyze and adjust for optimum performance
- Ambient light override prevents 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
- Choice of coverage patterns to suit a variety of applications
- Small, unobtrusive size 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
- Backed by a Limited Five-Year Warranty



OSC05-M0W

OSC20-M0W

MULTI-TECHNOLOGY CEILING-MOUNT OCCUPANCY SENSOR

(For use with Leviton Power Pack) UL CSA

Description	Cat. No.	Coverage	Operating Frequency	Color
Multi-Tech Ceiling-Mount Occupancy Sensor	OSC05-M0W	180°, 500 sq. ft	40kHz	W
Multi-Tech Ceiling-Mount Occupancy Sensor	OSC10-M0W	360°, 1000 sq. ft	40kHz	W
Multi-Tech Ceiling-Mount Occupancy Sensor	OSC20-M0W	360°, 2000 sq. ft	32kHz	W
Protective Cage	ODCCG	—	—	W

TESTING AND CODE COMPLIANCE

- UL and CSA Certified
- CUL/US, FCC and NOM Certified
- California Title 24 compliant and meets ASHRAE Standard 90.1 requirements

COLOR

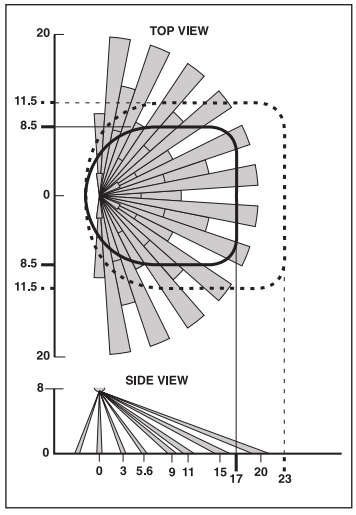
To order colors, add suffix to catalog number as follows: White (-W)

Related Products

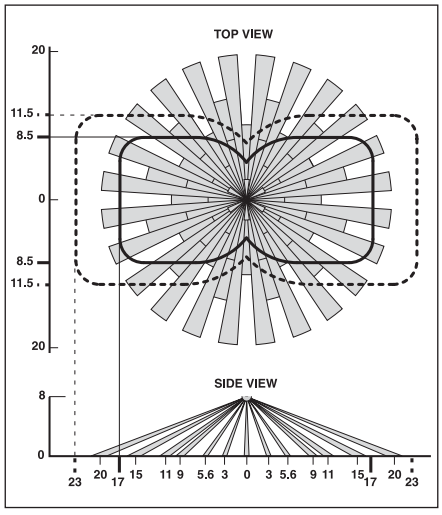
Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. OSP20 Power Pack (purchased separately). **See page 129 for more information on OSP20.**

FIELD OF VIEW

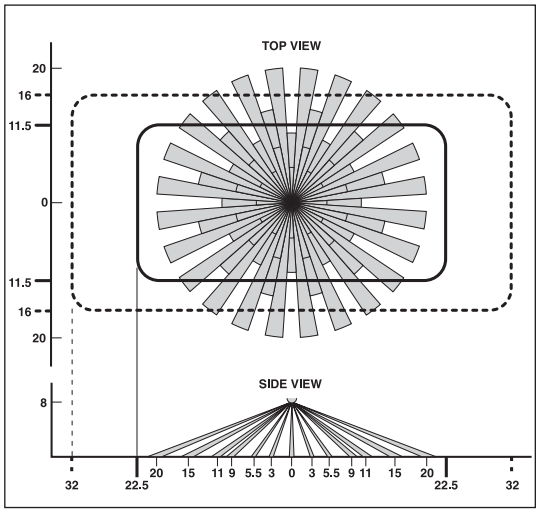
Major Motion, IR
Minor Motion, Ultrasonic
Major Motion, Ultrasonic



OSC05-M0W
Field of View (in feet)



OSC10-M0W
Field of View



OSC20-M0W
Field of View

Ceiling-Mount Occupancy Sensor Lighting Controls

Advanced Ultrasonic sensing technology for highly accurate monitoring with excellent immunity to air currents and other interference. All-digital self-adjusting technology provides “Install and Forget” solution for automatic lighting control.

Specifications and Features

Ultrasonic Ceiling Mount Occupancy Sensor

- Ideal for office areas with cubicles, general work space, classrooms, cafeterias and public areas in commercial facilities
- Ultrasonic sensing for maximum sensitivity combined with Passive Infrared (PIR) sensing to prevent false triggering from air conditioning and corridor activity
- Self-adjusting settings continuously analyze and adjust for optimum performance
- Ambient light override prevents 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
- Choice of coverage patterns to suit a variety of applications
- Small, unobtrusive size 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

Continued On Next Page >

Commercial Grade

Continued From Previous Page >

Infrared Ceiling-Mount Occupancy Sensor For Use With Leviton Power Pack

- Ideal small offices, closets, open offices, and other areas in commercial facilities with unobstructed view of the sensor
- Self-adjusting settings continuously analyze and adjust for optimum performance
- Ambient light override prevents 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
- Small, unobtrusive size blends in with any décor
- Fast, simple installation using 4 color-coded low-voltage wires and a single mounting post
- Backed by a Limited Five-Year Warranty

OSC05-U0W

ULTRASONIC CEILING-MOUNT OCCUPANCY SENSOR

Description	Cat. No.	Coverage	Operating Frequency	Color
Ultrasonic Ceiling-Mount Occupancy Sensor	OSC05-U0W	180°, 500 sq. ft	40kHz	W
Ultrasonic Ceiling-Mount Occupancy Sensor	OSC10-U0W	360°, 1000 sq. ft	40kHz	W
Ultrasonic Ceiling-Mount Occupancy Sensor	OSC20-U0W	360°, 2000 sq. ft	32kHz	W
Protective Cage	ODCCG	—	—	W

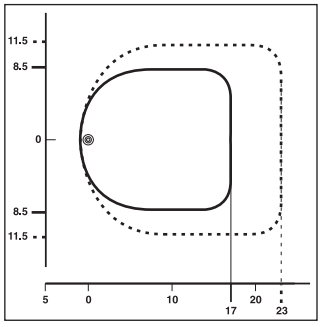
TESTING AND CODE COMPLIANCE
- CUL/US Certified
- Meets ASHRAE Standard 90.1 requirements

COLOR
To order colors, add suffix to catalog number as follows: White (-W)

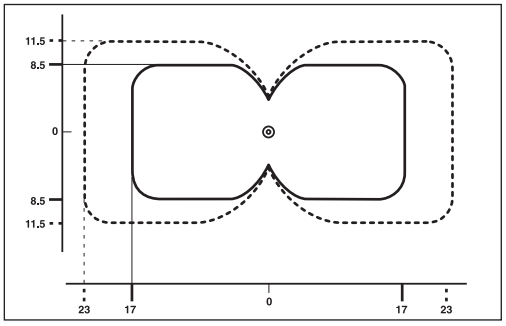
Related Products
Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. OSP20 Power Pack (purchased separately). **See page 129 for more information on OSP20.**

FIELD OF VIEW

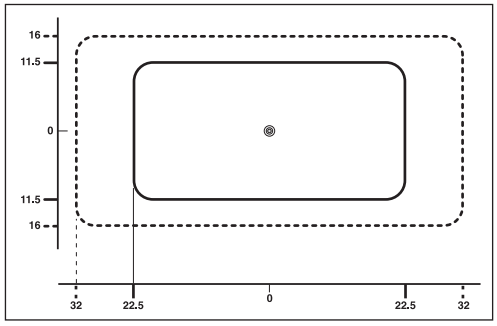
Minor Motion, Ultrasonic
Major Motion, Ultrasonic



OSC05-U0W Field of View (in feet)



OSC10-U0W Field of View



OSC20-U0W Field of View

INFRARED CEILING-MOUNT OCCUPANCY SENSOR

(For use with Leviton Power Pack)

Description	Cat. No.	Coverage	Color
Infrared Ceiling-Mount Occupancy Sensor	OSC04-I0W	360°, 450 sq. ft	W
Infrared Ceiling-Mount Occupancy Sensor with Ambient Light Override and Secondary Relay	OSC15-I0W	360°, 1500 sq. ft	W
Protective Cage	ODCCG	—	W

OSC04-I0W

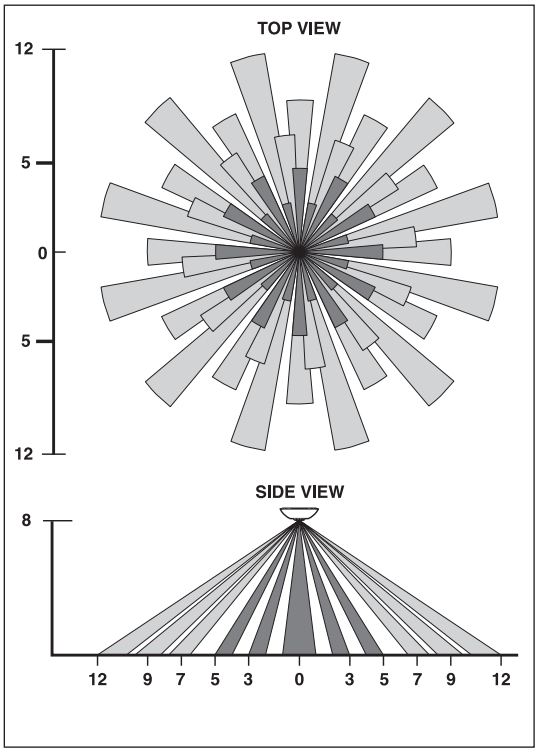
TESTING AND CODE COMPLIANCE
- CUL/US Certified
- Meets ASHRAE Standard 90.1 requirements

COLOR
To order colors, add suffix to catalog number as follows: White (-W)

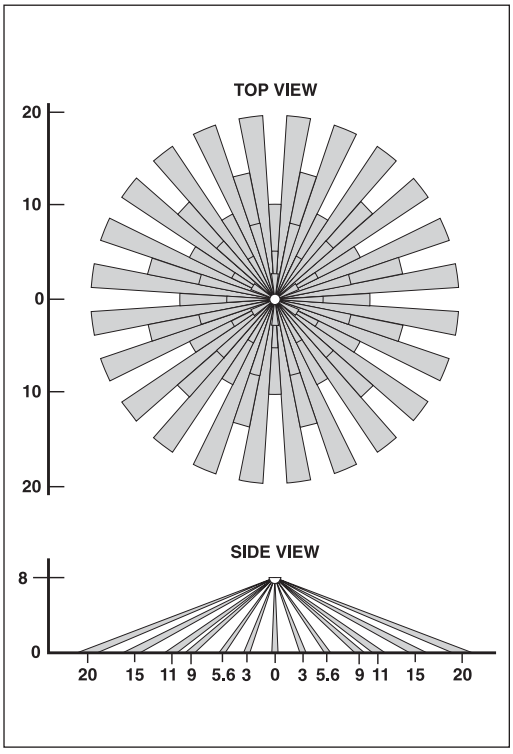
Related Products
Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. OSP20 Power Pack (purchased separately). **See page 129 for more information on OSP20.**

FIELD OF VIEW

Minor Motion, IR
Major Motion, IR



OSC04-I0W Field of View (in feet)



OSC15-I0W Field of View

Wall-Mount Occupancy Sensor Lighting Controls

Advanced motion sensors combine infrared and ultrasonic technology for highly accurate monitoring without false triggering. Advanced Passive Infrared technology for highly accurate monitoring in a variety of commercial applications. All-digital self-adjusting technology provides "Install and Forget" solution for automatic lighting control.

Specifications and Features

- Ideal for conference rooms, stairwells, high-ceiling rooms, open areas, storage rooms and classrooms. Also ideal for corner mounting in a variety of applications.
- Ultrasonic sensing for maximum sensitivity combined with Passive Infrared (PIR) sensing to prevent false triggering from air conditioning and corridor activity
- Adjustable swivel neck rotates 80° vertically and 60° horizontally— Can be used for ceiling or wall mounting
- Self-adjusting settings continuously analyze and adjust for optimum performance
- Ambient light override prevents 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
- Fast, simple installation using 3 color-coded low-voltage wires and a single mounting post
- Backed by a Limited Five-Year Warranty

OSW12-M0W
Wall Mount

OSW12-M0W
Ceiling Mount

MULTI-TECHNOLOGY WALL-MOUNT OCCUPANCY SENSOR

(For use with Leviton Power Pack or Power Base Adaptor)

Description	Cat. No.	Coverage	Operating Frequency	Color
Multi-Tech Wall-Mount Occupancy Sensor	OSW12-M0W	115°, 1200 sq. ft	32kHz	W
Protective Cage	ODCCG	—	—	W

Note: Canopy and neck allow the Wall-Mount Occupancy Sensor to be installed on the ceiling as well.

TESTING AND CODE COMPLIANCE

- cUL/US Certified
- Meets ASHRAE Standard 90.1 requirements

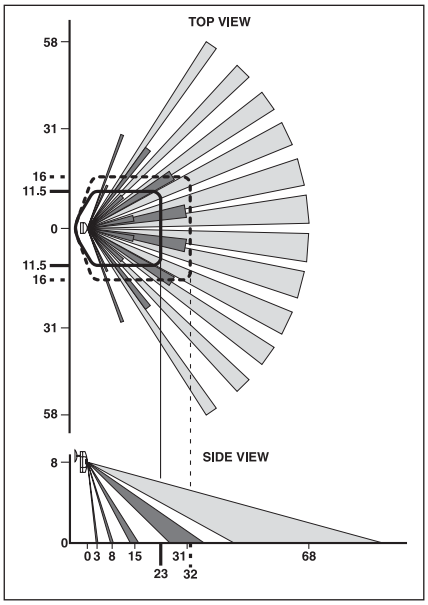
COLOR

To order colors, add suffix to catalog number as follows: White (-W)

Related Products

Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. OSP20 Power Pack, or OPB15 Power Base Adaptor (purchased separately).
See page 129 for more information on OSP20 and page 130 for more information on OPB15.

FIELD OF VIEW



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

OSW12-M0W
Field of View (in feet)

Wall-Mount Occupancy Sensor Lighting Controls

Specifications and Features

- OSWWV-I: Ideal for conference rooms, stairwells, high-ceiling rooms, large open areas, parking garages, storage rooms and rooms with pendant fixtures. Also ideal for corner mounting in a variety of applications.
- OSWHB-I and OSWLR-I: Ideal for monitoring long, narrow spaces such as warehouse aisles, hallways, stairways, any narrow room, closets and storage areas. Also ideal for corner mounting in a variety of applications.
- Self-adjusting settings continuously analyze and adjust for optimum performance
- Ambient light override prevents lights from turning ON when there is ample natural light
- Adjustable swivel neck rotates 80° vertically and 60° horizontally—Can be used for ceiling or wall mounting
- 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
- Fast, simple installation using 3 color-coded low-voltage wires and a single mounting post
- Backed by a Limited Five-Year Warranty

INFRARED WIDE VIEW, HIGH-BAY AND LONG-RANGE WALL-MOUNT OCCUPANCY SENSOR

(For use with Leviton Power Pack or Power Base Adaptor)

Description	Cat. No.	Coverage	Color
Infrared Wide-View Wall-Mount Occupancy Sensor	OSWWV-I0W	115°, 2500 sq. ft	W
Infrared High-Bay Wall-Mount Occupancy Sensor	OSWHB-I0W @ 30 ft. high	55 ft., 7 ft. wide	W
Infrared Long-Range Wall-Mount Occupancy Sensor	OSWLR-I0W @ 10 ft. high	100 ft., 110°	W
Protective Cage	ODCCG	—	W

Canopy and neck allow the Wall-Mount Occupancy Sensor to be installed on the ceiling as well.

OSWHB-I0W

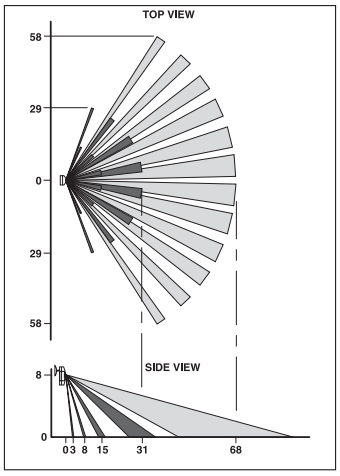
TESTING AND CODE COMPLIANCE
- cUL/US Certified
- Meets ASHRAE Standard 90.1 requirements
- California Title 24 Compliant

COLOR
To order colors, add suffix to catalog number as follows: White (-W)

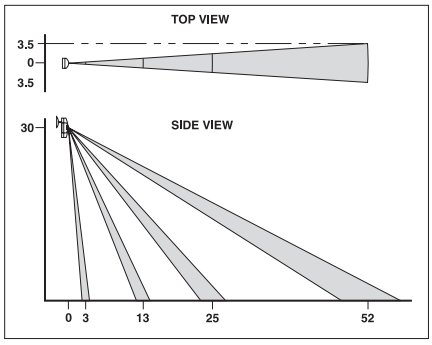
FIELD OF VIEW

Minor Motion, IR

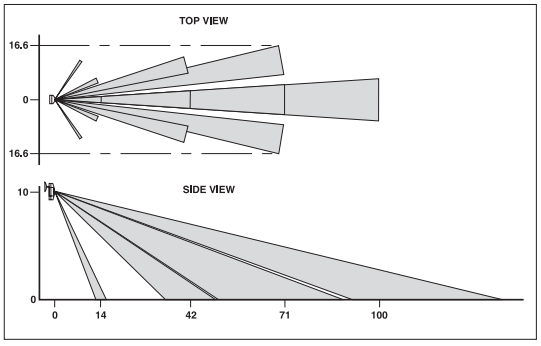
Major Motion, IR



OSWWV Field of View (in feet)



OSWHB Field of View



OSWLR Field of View

Occupancy Sensor Power Packs

Power packs provide power for occupancy sensors as well as load switching circuitry. A Leviton Power Pack is required with any low voltage occupancy sensor. Add-A-Relay units can be used to expand control capability.

Specifications and Features
- Backed by a Limited Five-Year Warranty

Power Pack
- For use with all OS Series occupancy sensors
- Power supply for OS Series occupancy sensors
- Switches incandescent, magnetic and electronic fluorescent, magnetic and electronic low voltage, and motor loads
- Auto-ON and manual-ON inputs for occupancy sensors (OSP20-RDH)
- Hold-ON and Hold-OFF capabilities (OSP20-RDH)
- Compact size and light weight allows easy mounting through knockout in junction box (from either inside or outside the box) with a simple twist-on nut

Add-A-Relay
- Expands power pack load capacity by functioning as a supplementary relay
- Provides ability to switch loads in different voltage systems
- Compatible with electronic ballasts
- Same compact size and mounting features as Power Pack

Nipple Adapter
- Simplifies the connection of occupancy sensor to the low-voltage side of a power pack mounted inside a fluorescent ballast cavity
- 1/2” conduit lock nut and low voltage threaded nipple adapter included

POWER PACKS AND ACCESSORIES

(For use with Leviton Occupancy Sensors)*

Description	Cat.No.	Power Input	Relay Rating	Control Input	Power Supply Output
Power Pack	OSP20-0D0	120-220-277VAC, 50/60Hz	20A fluorescent/ incandescent @ 120V, 20A fluor. @ 277V; 1HP @120V, 2HP @ 240V	5mA, 24VDC	150mA, 24VDC
Power Pack with HVAC relay	OSP20-RD0	120-220-277VAC, 50/60Hz	20A fluorescent/ incandescent @ 120V, 20A fluor. @ 277V; 1HP @ 120V, 2HP @ 240V; HVAC: 0.5A @ 120VAC, 1A @ 30VDC	5mA, 24VDC	150mA, 24VDC
Power Pack with HVAC relay	OSP15-R30	347VAC, 60Hz	15A fluorescent @ 347V; 1HP @ 120V, 2HP @ 240V; HVAC: 0.5A @ 120VAC, 1A @ 30VDC	5mA, 24VDC	120mA, 24VDC
Add-A-Relay Unit with HVAC relay	OSA20-R00	—	15A incandescent @120V, 20A fluorescent @120V, 20A fluor. @ 277V, 15A fluor. @ 347V; HVAC: 0.5A @ 125VAC, 1A @ 30VDC	5mA, 24VDC	—
Power Pack with HVAC Relay with Auto-ON and Manual-ON Inputs for Occupancy Sensors	OSP20-RDH	120-230-277VAC, 50/60Hz	20A incandescent @ 120V, 20A fluor. @ 120-230-277/ 347VAC; 1/2HP @ 120V, 2HP @ 240-277V; HVAC: 0.5A @ 120VAC, 1A @ 30VDC	5mA, 24VDC	255mA, 24VDC

*Consult Factory for 208, 220, 230 and 240V models.

OSP20-RD0

Power Pack Capacity Formula

Leviton power packs can be used to provide power to one or more occupancy sensors. Since current consumptions of occupancy sensors may vary, the best way to ensure you order the correct number of power packs and Add-A-Relays is by using this formula:

Number of Model A sensors X Sensor A current consumption rating	+	Number of Model B sensors X Sensor B current consumption rating	+	Number of Add-A-Relays X 50mA	‹ 150mA per power pack

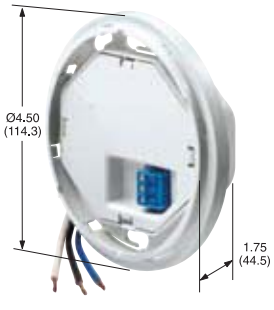
Sensor	Current Consumption
OSC04-I, OSC15-I, OSWHB-I, OSWLR-I, OSWWV-I	20mA
OSC05-M, OSC05-U, OSW12-M	30mA
OSC10-M, OSC10-U	30mA
OSC20-M, OSC20-U	40mA
OSA20-R00 Add-A-Relay	50mA

TESTING AND CODE COMPLIANCE
- CUL/US, FCC and NOM Certified
- Meets ASHRAE Standard 90.1 requirements

Self-Contained Power Base Adaptor

Converts any Leviton low voltage ceiling or wall-mount occupancy sensor to a self-contained, line voltage unit with 15A, 120/277V load capacity

Specifications and Features
- Ideal for lavatories, remodels, hard ceiling spaces, energy conservation retrofits and any installation with limited access for low-voltage wiring
- Patent-pending design converts Leviton low-voltage ceiling sensors to line voltage
- Ideal for both existing buildings with limited access to low-voltage wiring and new construction with line-voltage circuiting only
- Mounts easily in a standard 2.125" deep x 4" octagon or 2.125" deep x 4" square electrical box with a 2-gang mud ring; flying leads provide fast line voltage connections
- Two-piece terminal block provides fast, easy low-voltage connections to the sensor
- Relay uses zero-crossing circuitry for enhanced reliability and long-life operation
- Backed by a Limited Five-Year Warranty



OPB15-ODW

POWER BASE ADAPTOR

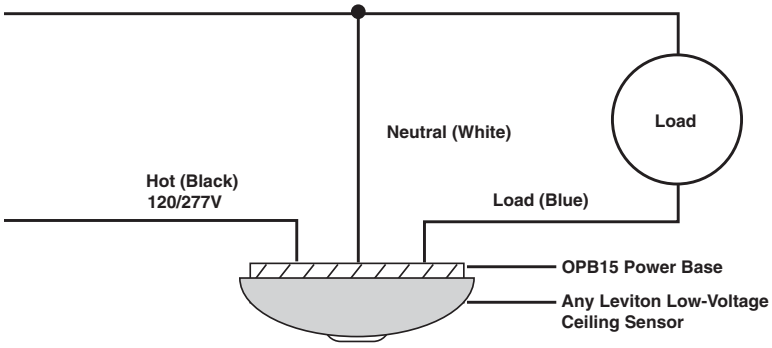
Description	Cat.No.	Power Input/Output	Rating	Color
Power Base Adaptor	OPB15-0DW	Power Input: 120-277VAC, 60Hz Control Output: 24VDC, 40mA	15A Incandescent, Electronic or Magnetic Fluorescent Ballast	W

TESTING AND CODE COMPLIANCE
- NOM Certified

MATERIAL CHARACTERISTICS
- Operating Temperature: 0°C to 55°C
- Storage Temperature: -10°C to 80°C
- Relative Humidity: 20% to 90% non-condensing

COLOR
To order colors, add suffix to catalog number as follows: White (-W)

WIRING DIAGRAMS



OPB15-0DW Power Base Adaptor Wiring Diagram

Outdoor Motion Sensors

Passive Infrared (PIR) outdoor motion sensors provide outstanding value in security lighting, convenience, safety and energy savings for a wide range of commercial and residential applications.

Specifications and Features

Professional Series

- Ideal for a wide range of commercial/industrial settings including parking areas, storage facilities, warehouses, loading docks, marina, garages, walkways, campus grounds, and outbuildings
- Adjustable Delayed-OFF time settings from 20 seconds (for test mode) to 15 minutes
- Adjustable sensitivity and immunity to RFI signals reduces false triggers
- Ambient light override prevents lights from turning ON when there is ample natural light
- Provides Automatic, Test and Continuous Modes—Test mode simulates automatic operation with short delayed-OFF time for ease of making adjustments. Continuous mode enables manual override for constant "lights ON" operation (when used with standard ON/OFF switch)
- Surge suppression minimizes likelihood of damage due to electrical surges
- Temperature compensation feature ensures uniform performance in extreme hot or cold weather and during temperature fluctuations
- Sensor neck adjustment allows accurate area monitoring: 110° vertical, 180° horizontal, 110° rotational
- Backed by a Limited Five-Year Warranty

PROFESSIONAL SERIES INFRARED OUTDOOR OCCUPANCY SENSOR

Description	Cat. No.	Rating	Coverage	Color
Professional Series Outdoor 200° Field of View	PS200-10	Incandescent: 1000W @ 120V. For 60Hz AC only	—	W
200° Field of View	PS200-1F	Incandescent: 1000W @ 120V. For 60Hz AC only	—	W
Professional Series Outdoor 110° Field of View	PS110-10	Incandescent: 1000W @ 120V. For 60Hz AC only	—	W
Professional Series Outdoor 110° Field of View	PS110-1F	Incandescent: 1000W @ 120V. For 60Hz AC only	—	W

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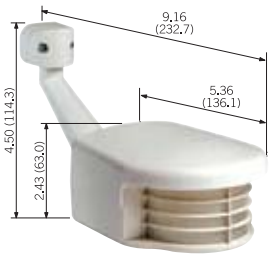


PS200-10W

Commercial Grade

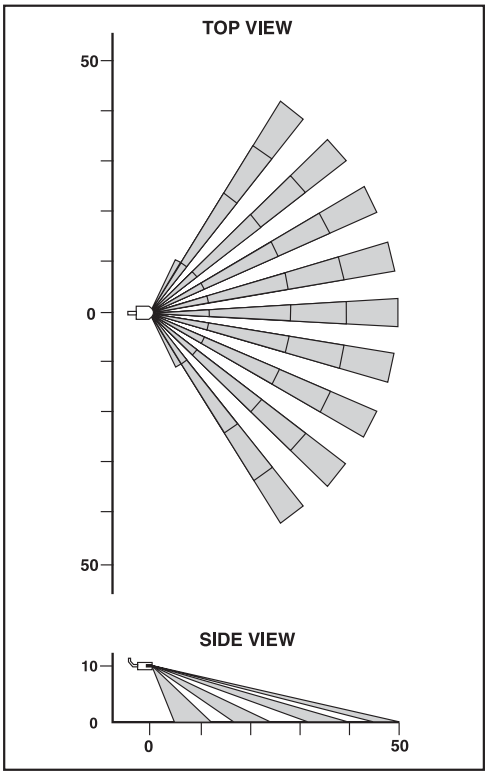
Continued From Previous Page >

Description	Cat. No.	Rating	Coverage	Color
Outdoor PIR Motion Sensor	PS200-70	277VAC, 50/60Hz. 10A incandescent, 5A ballasts.	200°	W
Outdoor PIR Motion Sensor with Dual Floodlight Lampholder	PS200-7F	277VAC, 50/60Hz. 10A incandescent, 5A ballasts.	200°	W
Outdoor PIR Motion Sensor	PS200-40	220-240VAC, 50/60Hz. 10A incandescent, 5A ballasts.	200°	W
Outdoor PIR Motion Sensor with Dual Floodlight Lampholder	PS200-4F	220-240VAC, 50/60Hz. 10A incandescent, 5A ballasts.	200°	W
Outdoor PIR Motion Sensor	PS110-70	277VAC, 50/60Hz. 10A incandescent, 5A ballasts.	110°	W
Outdoor PIR Motion Sensor with Dual Floodlight Lampholder	PS110-7F	277VAC, 50/60Hz. 10A incandescent, 5A ballasts.	110°	W
Outdoor PIR Motion Sensor	PS110-40	220-240VAC, 50/60Hz. 10A incandescent, 5A ballasts.	110°	W
Outdoor PIR Motion Sensor with Dual Floodlight Lampholder	PS110-4F	220-240VAC, 50/60Hz. 10A incandescent, 5A ballasts.	110°	W

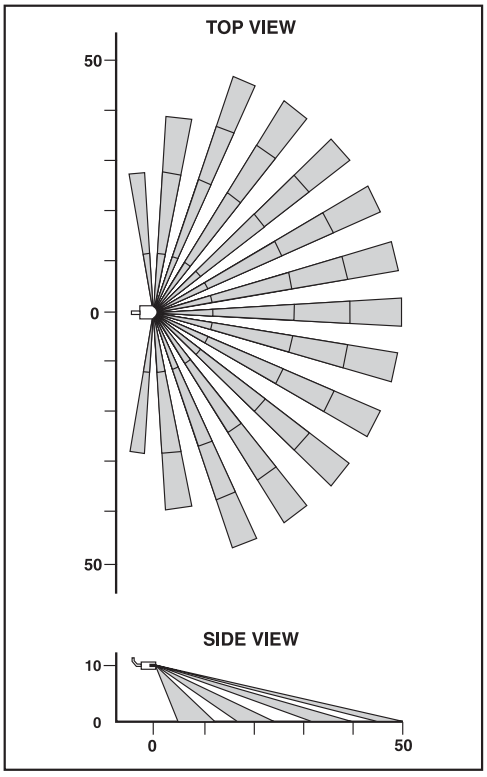
TESTING AND CODE COMPLIANCE
- CUL/NS, FCC and NOM Certified
- Meets ASHRAE Standard 90.1 requirements

COLOR
To order colors, add suffix to catalog number as follows: White (-W)

FIELD OF VIEW



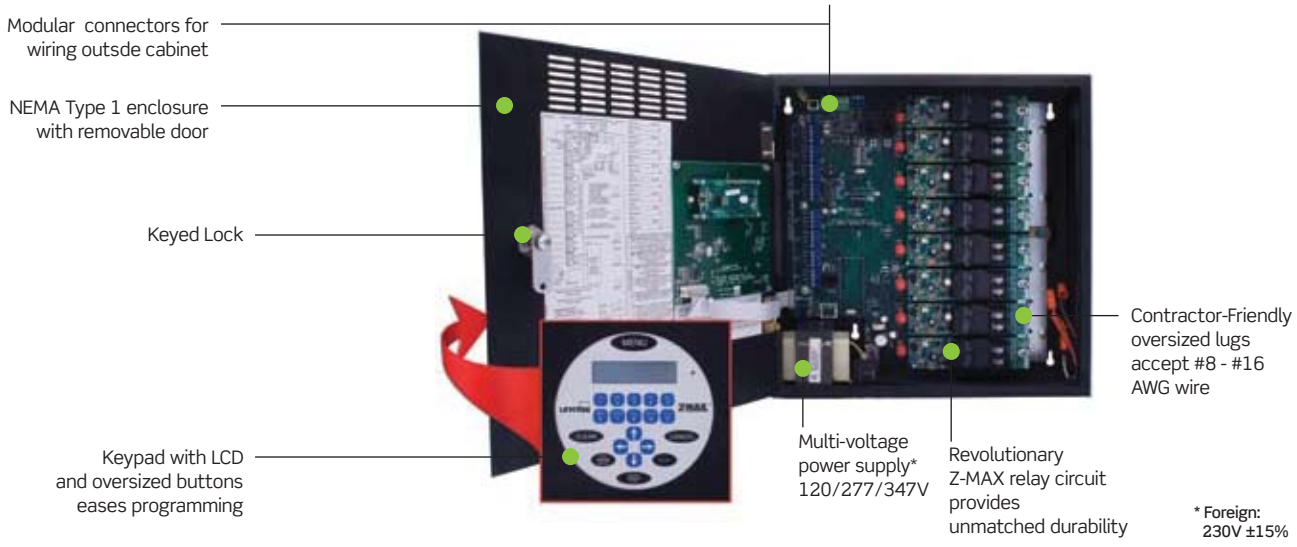
PS110/RS110
Field of View (in feet)



PS200
Field of View

EZ-MAX™ Plus Relay Control Panels

EZ-MAX™ Plus relay lighting control panels combine the power and performance of the larger Z-MAX™ Plus relay lighting control panels in compact and cost-effective 4/8-circuit and 16/24-circuit models. EZ-MAX Plus is the ideal solution for smaller, stand-alone applications that do not require the field configuration or advanced networking features of the larger Z-MAX Plus panels. For maximum equipment protection, the standard 30A relay card has a short circuit current rating (SCCR) of 18,000A to allow it to withstand higher current inrushes caused by short circuit conditions. Low-voltage inputs allow connection of photocells, occupancy sensors, low-voltage switches and digital switches for a comprehensive yet easily installed energy management solution.



Specifications and Features

- Easy programming alternatives:
  - Off-line editor for easy programming (Visual Programmer 4.0 included)
  - Large, bright LCD screen with oversize buttons for easy programming
- Easy standard programming configuration
  - Occupancy sensors: manual-ON or auto-ON applications
  - Photocells: interior or exterior application modes
  - Photocell light level trip points: on or off
- Built-in astronomical time clock
  - 101 major cities and states programmed for easy astronomical setup
- Time clock and scheduler
- Sunrise/sunset time clock events
- Auto-detection/auto-assign of installed network switches
- Enable/disable of low-voltage and digital input devices minimizes power consumption
- Optional touch-tone control
- Optional modem configuration and control
- Clearly labeled Access points allow installer to locate optimum knock-out locations
- Two-Year Warranty on Panels
- Ten-Year Warranty on Relay Cards

Applications

- Smart replacement for time clock/contactor installations
- Low-voltage control
- Site lighting
- Daylight harvesting
- Occupancy sensor integration
- Parking garage/parking lot lighting
- Any application requiring reliable and cost-effective automatic lighting control

R08BD – Panel

ORDERING INFORMATION

Description	Cat. No.
EZ-MAX Plus 8 Panel, 120V, 277V, and 347V, No Relays	R08BD-000
EZ-MAX Plus 8 Panel, 120V, 277V, and 347V, (4) 30A (NO/NC) Relays	R08BD-L04
EZ-MAX Plus 8 Panel, 120V, 277V, and 347V, (8) 30A (NO/NC) Relays	R08BD-L08
EZ-MAX Plus 8 Panel, 120V, 277V, and 347V, (8) 2-pole (NO) Relays	R08BD-208
EZ-MAX Plus 24 Panel, 120V, 277V, and 347V, No Relays	R24BD-000
EZ-MAX Plus 24 Panel, 120V, 277V, and 347V, (16) 30A (NO/NC) Relays	R24BD-L16
EZ-MAX Plus 24 Panel, 120V, 277V, and 347V, (24) 30A (NO/NC) Relays	R24BD-L24
EZ-Max Plus 24 Panel, 120V, 277V, and 347V, (16) 2-Pole (NO) Relays	R24BD-216
EZ-MAX Plus 24 Panel, 120V, 277V, and 347V, (24) 2-Pole (NO) Relays	R24BD-224
EZ-MAX Plus 8 Panel, 230V, No Relays	R08BF-000
EZ-MAX Plus 8 Panel, 230V, (4) 30A (NO/NC) Relays	R08BF-L04
EZ-MAX Plus 8 Panel, 230V, (8) 30A (NO/NC) Relays	R08BF-L08
EZ-MAX Plus 8 Panel, 230V, (8) 2-Pole (NO) Relays	R08BF-208
EZ-MAX Plus 24 Panel, 230V, No Relays	R24BF-000
EZ-MAX Plus 24 Panel, 230V, (16) 30A (NO/NC) Relays	R24BD-L16
EZ-MAX Plus 24 Panel, 230V, (24) 30A (NO/NC) Relays	R24BD-L24
EZ-MAX Plus 24 Panel, 230V, (16) 2-pole (NO) Relays	R24BD-216
EZ-MAX Plus 24 Panel, 230V, (24) 2 Pole (NO) Relays	R24BD-224

RELAY CARDS

Description	Cat. No.
1-Pole N/O or N/C Relay Card, 30A, 120-277V	RELAY-030
1-Pole N/O or N/C Relay Card with Handle, 30A, 120-277V	RELAY-L30
2-Pole, N/O Relay Card, 20A, 208-480V	RELAY-2PL
1-Pole N/C Relay Card, 20A, 120-277V	RELAY-1NC
2-Pole N/C Relay Card, 20A, 208-480V	RELAY-2NC
347V Relay Card, 20A, 347V	RELAY-347
Latching Relay Card, 20A, 347V	RELAY-LAT

TESTING AND CODE COMPLIANCE

- Listings for 120, 277 and 347V Panels
  - UL and C-UL Listed Industrial Control Equipment and Emergency Lighting Equipment
  - ASHRAE 90.1 compliant
  - CEC Title 24 compliant

Z-MAX Digital and Low Voltage Switch Stations

The Z-MAX system can incorporate either digital or low-voltage stations. Although they look identical, there are a few differences in how they operate. Both contain buttons that are programmable to a variety of functions and custom labels are available.

Specifications and Features

- Available in 8 configurations
- Programmable functions include: on, off, and group and scene select
- Compatible with standard and midway size Decora® wallplates
- Custom labeling available; contact a factory representative

Digital Station

- Wired via Luma-Net® to compatible products including D4200, D8000, a-2000, i Series e, i Series Quad, and Z-MAX Relay Cabinets
- Networks with up to 127 devices
- Compatible with handheld IR remote control

Low-Voltage Station

- Compatible with EZ-MAX and Z-MAX Relay Cabinets, MDS cabinets, a-2000 cabinets (with analog card), network protocol converter, and other low-voltage devices
- Cat. No. LV240 for use with miniZ Intelligent Daylight Management System, Z-MAX and EZ-MAX
- Cat. No. LV200 for use with miniZ Intelligent Daylight Management System only

Warranty

- Limited Two-Year Warranty

Z-MAX SWITCH STATIONS

Description	Cat. No.* Digital Switch	Cat. No.** Low Voltage Switch	Color
On/Off switch	zmdsw-01w	lvs-01w	White
Zones 1 and 2	zmdsw-02w	lvs-02w	White
Zones 1 to 3	zmdsw-03w	lvs-03w	White
Zones 1 to 4	zmdsw-04w	lvs-04w	White
Zones 1 to 5	zmdsw-05w	lvs-05w	White
Zones 1 to 6	zmdsw-06w	lvs-06w	White
Zones 1 to 8	zmdsw-08w	lvs-08w	White
Zones 1 to 10	zmdsw-10w	lvs-10w	White

Note: Wallplate sold separately
*Support network and master Z-MAX versions only
**Support EZ-MAX and Z-MAX stand-alone and slave versions only

ZMDSW-03W

GreenMAX™ Relay Control Panels

Leviton GreenMAX Relay Control Panels offer features and performance not available from any product on the market today. For increased reliability and durability, GreenMAX Cabinets and Relay Modules have a 24,000A @ 277VAC Short Circuit Current Rating (SCCR). Native communication network protocols – BACnet, Ethernet, and LumaCAN – are built into each GreenMAX Command Module (processor and power supply) to offer unparalleled connectivity. No additional parts or SKUs are needed to communicate with other products utilizing different protocols. For increased flexibility, the modular GreenMAX system includes separate Cabinet enclosures, Command Modules, Relay Insert Panels, Relay Modules, and a recommended Handheld Display Unit (HDU).

For easier manageability and accessibility, Leviton ships empty Cabinet enclosures separately from the electronic components. This makes the Cabinets lighter and easier to handle and requires less effort to install. The empty Cabinet also provides unobstructed access to conduit entry points and reduces the risk of damaging the electronics. Remote Low Voltage Cabinets allow the connection points of the low voltage wiring enclosure to be installed closer to the devices it controls, making commissioning and trouble-shooting easier. To further minimize handling and damage to the electronic components, Leviton ships the Command Modules (processor and power supply), Relay Insert Panels, and Relay Modules later in the project schedule.

All GreenMAX Relay Modules are 1-Pole or 2-Pole latching relay types that reduce parasitic energy use. The Relay Modules are the same physical size, allowing the optimal mix of relays to be customized for each application. Models include a basic control relay module, a voltage and current sensing relay module that can determine the actual load usage of the individual circuit, and a self-contained dimming and sensing relay module that features daylight harvesting capabilities.

A Handheld Display Unit (HDU) can be detached from the cabinet mounting location and moved to the most convenient network connection point to connect to any open LumaCAN port or live Ethernet Port on the same network as the Cabinets. Commissioning and start-up functions are easier with the HDU, which allows programming to be done in the space being controlled rather than the electrical room.

Designed with the contractor, specifier, and end user in mind, GreenMAX systems are easy to specify, order, install, program, and modify. Save on labor and energy with GreenMAX – built for the industry, by the industry.

GreenMAX Handheld Display Unit (HDU)

GreenMAX Cabinet

GreenMAX™ Relay Control Panels

Specifications and Features

Cabinet

- GreenMAX Cabinet has a 24,000A @ 277VAC Short Circuit Current Rating (SCCR) for increased reliability and durability
- Modular system includes separate empty Cabinet enclosures, Command Modules, and Relay Insert Panels to minimize handling and subsequent damage during installation
- Cabinet enclosure can be shipped empty to the jobsite
- Command Modules are the processor and power supply of GreenMAX and includes a low voltage Remote Input Card for optional devices; for example, the low voltage Remote Input Card can be combined with LevNet RF products to create a wireless hybrid system of inputs
- Relay Insert Panels feature hooks that insert into the cabinet; each panel takes only two screws to install
- Native communication network protocols – BACnet, Ethernet, and LumaCAN – are built into each Command Module to offer unparalleled connectivity; no additional parts or SKUs are needed to communicate with other products utilizing different protocols
- Remote Low Voltage Cabinets can be installed closer to the devices it serves to reduce wiring and labor; this also makes commissioning and troubleshooting easier
- Increased arc flash protection – the cabinet door opens to expose only the low voltage area of the cabinet
- High voltage areas can be accessed by removing the wire-way covers – this requires the removal of retaining screws
- Wire-way covers can be quickly removed and replaced
- Door lock cannot be defeated by unscrewing cover

Relay Modules

- All GreenMAX relay modules have a 24,000A @ 277VAC Short Circuit Current Rating (SCCR) for increased reliability and durability
- All relays are latching relays to reduce parasitic energy waste over NO/NC relays
- 30A ballast rating on all GreenMAX relays
- Manual actuation lever on all GreenMAX relays allow users to manually bypass the system to turn lights on or off without a CPU or power
- Current and voltage sensing relay module in 1-pole and 2-pole configurations allow “smart metering” at the circuit level to alert the user that a device is not working properly
- Self-contained dimming and sensing relay module in 1-pole configurations features daylight harvesting capabilities
- Change of state confirmation – relays report positional information to the processor; if the relay changes position by either the manual actuator or other means, the positional discrepancy will be reported to the Handheld Display Unit (HDU)

Handheld Display Unit (HDU)

- Manage the systems remotely without being in the electrical room
- System configuration and scheduling is performed via the HDU – this can be done while standing in the room or controlled space; programming is no longer confined to the electrical room
- Control entire GreenMAX system from any access point – relay cabinets, switches, or Remote Low Voltage Cabinets
- Provides interface with all devices and relays in the system
- One HDU can be used for multiple systems
- Can be stored in the cabinet or designated docking station
- Communicate via LumaCAN or Ethernet

Ideal for Use In

Heavy retrofit applications, new construction, hospitals, offices buildings, medical offices, universities, labs, restaurants, government facilities, and any other location where centralized lighting control, programming, and monitoring are required.

GreenMAX™ RELAY CONTROL PANELS

Description	Cat. No.
Tubs and Covers (all Cabinets are surface mount with a locking door)	
GreenMAX Relay Cabinet, 16-Relay Size, NEMA 1	R16TC-100
GreenMAX Relay Cabinet, 32-Relay Size, NEMA 1	R32TC-100
GreenMAX Relay Cabinet, 48-Relay Size, NEMA 1	R48TC-100
GreenMAX Relay Cabinet, 16-Relay Size, NEMA 3R	R16TC-300
GreenMAX Relay Cabinet, 32-Relay Size, NEMA 3R	R32TC-300
GreenMAX Relay Cabinet, 48-Relay Size, NEMA 3R	R48TC-300
Command Modules (includes Power Supply and Main Processor Unit)	
Main Command Module, 100-277VAC	RPM00-100
Main Command Module, with an 8-port Low Voltage Input Card, 100-277VAC	RPM08-108
Main Command Module, with a 16-port Low Voltage Input Card, 100-277VAC	RPM16-116
Main Command Module, Firmware Update	RPM00-200
Panel Interiors (all panels are 16-position, rated 30A, 120-230-277/347VAC, 50/60Hz)	
Relay Insert Panel without relays	R1600-000
Relay Insert Panel with (16) 1-pole N/C basic relays without sensing	R1616-1CB
Relay Insert Panel with (16) 1-pole N/C relays with voltage and current sensing	R1616-1CS
Relay Insert Panel with (16) 1-pole Dimming and Switching relays with voltage and current sensing	R1616-1DS
Relay Insert Panel with (16) 1-pole relays without sensing	R1616-1TB
Relay Insert Panel with (16) 1-pole relays with voltage and current sensing	R1616-1TS
Relay Insert Panel with (16) 2-pole N/C relays without sensing	R1616-2CB
Relay Insert Panel with (16) 2-pole N/C relays with voltage and current sensing	R1616-2CS
Relay Insert Panel with (16) 2-pole relays without sensing	R1616-2TB
Relay Insert Panel with (16) 2-pole relays with voltage and current sensing	R1616-2TS
Handheld Display Unit (HDU)	
Handheld Display Unit, mount in cabinet only	RHDU1-000
Handheld Display Unit, with docking station	RHDU2-000
Remote Inputs with Power Supply (all remote inputs are rated 100-277VAC)	
Remote Low Voltage Input Cabinet, 8 Inputs, NEMA 1 enclosure	RLV08-110
Remote Low Voltage Input Cabinet, 16 Inputs, NEMA 1 enclosure	RLV16-110
Remote Low Voltage Input Cabinet, 8 Inputs, NEMA 3R enclosure	RLV08-130
Remote Low Voltage Input Cabinet, 16 Inputs, NEMA 3R enclosure	RLV16-130
Relays (all relays are rated 30A, 120-230-277/347VAC, 50/60Hz)	
GreenMAX Latching Relay, 1-pole N/C basic without sensing	RELAY-1CB
GreenMAX Latching Relay, 1-pole N/C with voltage and current sensing	RELAY-1CS
GreenMAX Latching Relay, 1-pole Dimming and Switching with voltage and current sensing	RELAY-1DS
GreenMAX Latching Relay, 1-pole without sensing	RELAY-1TB
GreenMAX Latching Relay, 1-pole with voltage and current sensing	RELAY-1TS
GreenMAX Latching Relay, 2-pole N/C without sensing	RELAY-2CB
GreenMAX Latching Relay, 2-pole N/C with voltage and current sensing	RELAY-2CS
GreenMAX Latching Relay, 2-pole without sensing	RELAY-2TB
GreenMAX Latching Relay, 2-pole with voltage and current sensing	RELAY-2TS
Firmware Module	
GreenMAX Firmware Module Release 1	RFIRM-100

miniZ™ Intelligent Daylight Management System

miniZ combines occupancy sensing, daylight harvesting and flexible lighting control functions into a single, easily installed package. miniZ features several methods of ladderless commissioning, including the AutoCal™ feature, the world's first 100% self-configuring daylight harvesting system. Installation requires little more than any other power-pack type product. The performance features and capabilities of the miniZ product provide a package that surpasses all others in the industry at a price anyone can afford.

miniZ™ Intelligent Daylight Management System

20A output relays (120/277V); 15A output relays (347V); Fluorescent, non-dimmed and 1-10V dimmed (0,2 or 3 zones); 120mA/24V output for operation of occupancy sensors, etc.

Dual Room miniZ™ Intelligent Daylight Management System

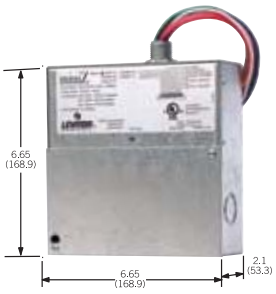
The dual room miniZ offers the same performance features as the miniZ, but instead of working in one room using one photocell to control three zones, it provides dual room/ one zone per room daylight harvesting control using a separate photocell and occupancy sensor for each room.

Specifications and Features

- Automatic Correction setting for Light Loss Factor (LLF) recognizes and corrects for lumen maintenance issues
- Cost-effective energy code compliance
- Ladderless Commissioning™ provides install-and-forget convenience
- Automatic closed-loop, multi-zone daylight control
- Convenient occupancy sensor and photocell integration
- Simplified daylight harvesting with 3% to 100% dimming capabilities (0-10V fluorescent dimming ballasts required)
- Autocal™ (patent pending) automatic photocell calibration
- Accepts external time clock inputs
- Simplified integration with emergency and building automation systems
- Automatic Daylight Harvest Mode provides optimum lighting output for additional energy savings potential
- Daylight switching full range 0-10V dimming and network models available
- Cost effective energy code compliance
- Accepts external time clock inputs
- Closed loop or open loop daylight control
- Isolated contacts for HVAC relay
- miniZ works in one room using one photocell and occupancy sensor to control three zones
- Dual Room miniZ controls one zone per room using a separate photocell and occupancy sensor for each room
- Limited Two-Year Warranty

Network Features

- Luma-CAN® Network support
- Network digital switch support
- Z-MAX master/slave network participation
- Remote shared network inputs
- Scalable system expansion



miniZ/ Dual Room miniZ

miniZ™ INTELLIGENT DAYLIGHT MANAGEMENT SYSTEM

Cat. No.	20A Power Circuits	0-10V Dimming Circuits	Control Input Voltage	Network Functionality
MZB00-102	2	0	120/277VAC	No
MZD20-102	2	2	120/277VAC	No
MZD30-101	1	3	120/277VAC	No
MZN20-102*	2	2	120/277VAC	Yes
MZN30-101*	1	3	120/277VAC	Yes
MZB00-C02	2	0	220/347VAC	No
MZD20-C02	2	2	220/347VAC	No
MZD30-C01	1	3	220/347VAC	No
MZN20-C02*	2	2	220/347VAC	Yes
MZN30-C01*	1	3	220/347VAC	Yes

*Consult with factory for availability.

DUAL ROOM miniZ™ INTELLIGENT DAYLIGHT MANAGEMENT SYSTEM

Cat. No.	20A Power Circuits	0-10V dimming Circuits	Control Input Voltage	Network Functionality
MZB02-102	2	0	120/277VAC	No
MZD22-102	2	2	120/277VAC	No
MZN22-102*	2	2	120/277VAC	Yes
MZB02-C02	2	0	220/347VAC	No
MZD22-C02	2	2	220/347VAC	No
MZN22-C02*	2	2	220/347VAC	Yes

*Consult with factory for availability.

LVS-03W

miniZ™ LOW-VOLTAGE SWITCH STATIONS

Description	Cat. No.	Color
5-Button dimming controller with On/Off, for use with miniZ only	LV200-00W	White
On/Off switch controller for use with miniZ, Z-MAX and EZ-MAX	LV240-00W	White

Dimensions: 4.71 (119.7) H x 1.76 (44.7) W x 1.26 (32.0) D for Switch Stations

TESTING AND CODE COMPLIANCE

- UL and cUL Listed
- CEC Title-24 Listed

Sector Intelligent Ballast and Lighting Control System

The Sector Intelligent Ballast and Lighting Control System line combines occupancy sensing, daylight harvesting and flexible dimming lighting control in one conveniently integrated system to easily save time, money and energy. This topology-free, polarity-free system allows the entire network to be installed using the same wiring for all components and accessories making it one of the easiest lighting control systems to install. All components are on a single bus, with accessories connected to the network, not the ballast. The Sector family of products provides a scalable solution that offers maximum flexibility and coverage in any application – from a single room to a campus of buildings in retrofit or new construction projects.

Specifications and Features

Sector Intelligent Lighting Control System

- Topology free
- Polarity free – Class 1 and Class 2 Wiring/standard building wiring in same conduit as power wiring
- No special terminations or installation requirements
- Personal workspace lighting control from user's desktop for user comfort
- Easy to commission – ultimate flexibility in design, installation, and configuration using a drag and drop GUI interface with Illustrator layout tool
- Easy to design, easy to install and easy to maintain

Ideal for Use In

Hospitals, offices buildings, medical offices, universities, labs, restaurants, government facilities, and any other location that could benefit from the cost savings and energy efficiency of a controlled lighting environment.

Sector Component Features

Sector Intelligent Dimming Fluorescent Ballasts

- Intelligent dimming offers higher energy savings and increased flexibility than traditional switching
- Dimming fluorescent ballasts allow 100% to 1% dimming capabilities
- Ballasts have a patent-pending addressable labeling system for easy programming and personal lighting control

Sector Network Bus Controller

- Contains the brain and power supply for the Sector system in one component
- Controls a maximum of 64 devices on a system with the ability to expand and include a maximum of 253 systems

Sector Network Occupancy Sensors

- Turns lights ON/OFF based on vacancy or occupancy
- Multi-technology and Infrared models available
- Self-adjusting settings continuously analyze and adjust sensitivity, timer operation, and long-term performance – reducing user complaints

Sector Network Photocell

- Daylight harvesting capabilities
- Offers consistent lighting at desired level for greater visual comfort

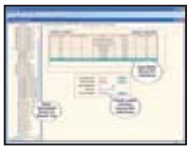
Sector Network digital Switch

- User controls desired light level at the push of a button (ON, MAX, BRIGHT, DIM, OFF)

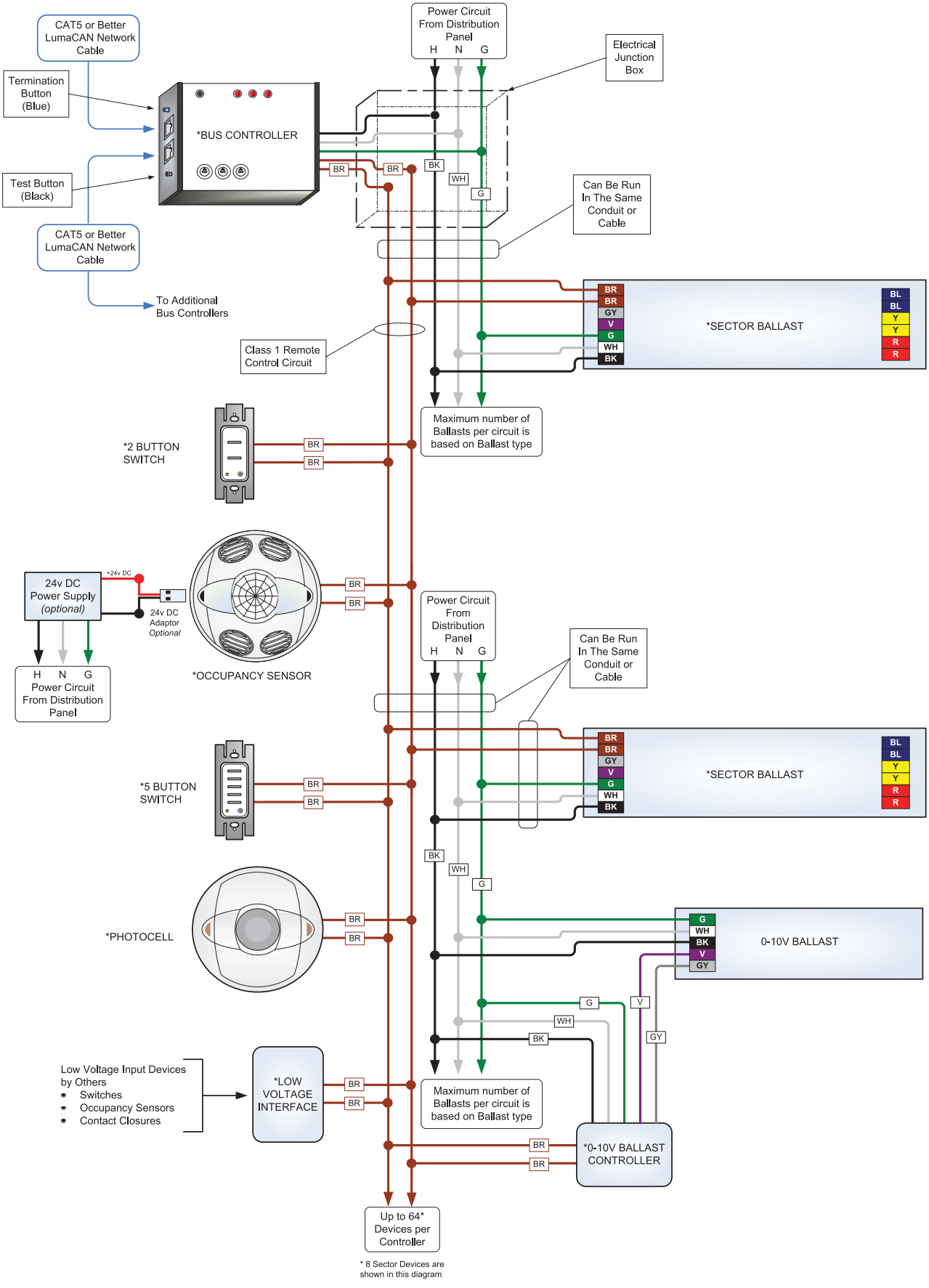
Sector Handheld Remote

- User controls desired light level at the push of a button (ON, MAX, BRIGHT, DIM, OFF)

SectorNET Software



- Personal Dimming Option (PDO): individual control for the lights above a user's workspace right from their desktop PC
- Central control: facility personnel and lighting administrators can re-configure control as needed with drag and drop GUI interface with Illustrator layout tool
- A computer is needed to initially configure the system; once the system is configured, Sector can be ran as an independent system
- Commissioning: quickly associates fixtures to Sector devices for easy configuration



SECTOR COMPONENTS

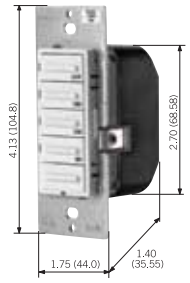
Description	Cat. No.
Sector Dimming Ballast, T8, 9.5" A-CAN (1 Lamp, 17W Linear or U-bent)	SD1F8-17M
Sector Dimming Ballast, T8, 9.5" A-CAN (1 Lamp, 25W Linear or U-bent)	SD1F8-25M
Sector Dimming Ballast, T8, 9.5" A-CAN (1 Lamp, 32W Linear or U-bent)	SD1F8-32M
Sector Dimming Ballast, T8, 16.5" B-CAN (1 Lamp, 17W Linear or U-bent)	SD1J8-17M
Sector Dimming Ballast, T8, 16.5" B-CAN (1 Lamp, 25W Linear or U-bent)	SD1J8-25M
Sector Dimming Ballast, T8, 16.5" B-CAN (1 Lamp, 32W Linear or U-bent)	SD1J8-32M
Sector Dimming Ballast, T8, 9.5" A-CAN (2 Lamps, 17W Linear or U-bent)	SD2F8-17M
Sector Dimming Ballast, T8, 9.5" A-CAN (2 Lamps, 25W Linear or U-bent)	SD2F8-25M
Sector Dimming Ballast, T8, 9.5" A-CAN (2 Lamps, 32W Linear or U-bent)	SD2F8-32M
Sector Dimming Ballast, T8, 16.5" B-CAN (2 Lamps, 17W Linear or U-bent)	SD2J8-17M
Sector Dimming Ballast, T8, 16.5" B-CAN (2 Lamps, 25W Linear or U-bent)	SD2J8-25M
Sector Dimming Ballast, T8, 16.5" B-CAN (2 Lamps, 32W Linear or U-bent)	SD2J8-32M
Sector Bus Controller/Power Supply	SBP00-00M
Sector Multi-Technology Occupancy Sensor, 2000SF	OSC20-MSW
Sector Infrared Occupancy Sensor, 450SF	OSC04-ISW
Sector Photocell	ODC0P-0SW
Sector 5-Button Digital Switch	SDS00-15W
Sector Handheld Infrared Remote Controller	SHH00-000
SectorNET USB-to-LumaCAN Adapter	SLM00-000
SectorNET Administrative Software (included with SLM00-000)	SLF00-000
SectorNET Client Software (included with SLM00-000)	SLFPD-000
Sector 4-Module Enclosure (to hold a maximum of 4 Bus Controllers (SBP00-00M)	SEN04-000

Decora® Preset Timer Switches

Leviton Timers add contemporary styling to any home. Built to the highest performance standards, Decora® Preset Timers provide a long lasting and reliable service life. Four preset buttons plus an OFF button permit timed control of lights and appliances. Decora Timers are ideal for heat lamps, foyers, outdoor lights, hot tubs, spas, saunas and attic exhaust fans.

Specifications and Features

- Green LEDs indicate time elapsed
- 4 preset timeout options
- Simple Press-and-Hold override
- Limited Five-Year Warranty
- Adjustable timeouts (on select models)



LTB30-1L

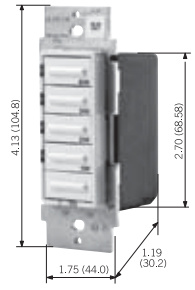
ELECTRONIC TIMER SWITCHES

Commercial Grade

Description	Cat. No.	Color
Four preset buttons and OFF, Single pole & 3-way with Vizia + Switch Remote, neutral required, 1800W Incandescent, 20A inductive, 1 HP @ 120VAC. Compatible with electronic ballasts.		
2-5-10-15 minutes	LTB15-1L	z
5-10-15-30 minutes	LTB30-1L	z
10-20-30-60 minutes	LTB60-1L	z
2-4-8-12 hours	LTB12-1L	z
1/4 - 1/2, 1, 2 hours	LTB02-1L	z
5-Button Timer Color Change Kit	LTBKT	W, I, T, E, B

Residential Grade

Description	Cat. No.	Color
Four preset buttons and OFF, Single pole, 600W incandescent, 120VAC		
5-10-15-30 minutes	LTT30-1L	z
10-20-30-60 minutes	LTT60-1L	z



LTT6–1L

TESTING AND CODE COMPLIANCE

- UL Listed (File #E-328809)
- CSA Certified (File #MC-152105)
- NOM Certified
- Meets ASHRAE Standard 90.1 requirements

MATERIAL CHARACTERISTICS

Environmental Flammability UL-94, V2 Rating
Operating Temperature 0°C -40°C

COLOR

To order colors, add suffix to catalog number as follows: Z includes White, Ivory and Light Almond. Color Change Kits available in the following colors: White (-W), Ivory (-I), Light Almond (-T), Black (-E) and Brown (-B)

LTBKT

Decora® Programmable Digital Timer Switches

Specifications and Features

Vizia +® 24-Hour Programmable Timer

- Ideal for a wide variety of light commercial and residential applications including indoor/outdoor lighting, fans and pool filters
- Astronomical clock automatically adjusts to local sunrise/sunset times
- Automatic daylight savings time option
- To-the-minute programming settings
- Easy-to-see timer at a glance with Backlit LCD Display
- Simple One-touch temporary and permanent override
- Single pole and 3-way
- Streamlined, popular Decora styling complements interiors and is compatible with other Decora devices
- Limited Five-Year Warranty

14-Hour Programmable Timer

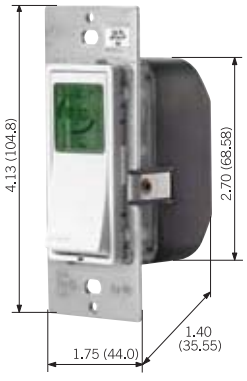
- Ideal for residential lighting control including indoor, outdoor and seasonal lighting
- Automatic daily control with manual override offers convenience
- Automates daily switching program (up to 14 hours) by responding to DIP switch ON or OFF position for each hour; repeats until function switch is moved to MANUAL or OFF mode
- Limited Two-Year Warranty

Countdown Timer Switch

- For residential and light commercial applications including indoor and outdoor lighting, office lights and ceiling fans
- Simple rotary dial time selection of settings from one minute to 18 hours. ON/OFF manual control available
- An illuminated green LED indicates load is ON. Blinking LED accompanied by annunciator sound indicates end of time cycle
- Limited Five-Year Warranty

PROGRAMMABLE ELECTRONIC TIMER SWITCHES

Description	Cat. No.	Rating	Color
24-Hour Programmable Timer Switch; Astronomical Clock, Backlit LCD Display with Timer Settings at a glance; neutral required	VPT24-1P	1800W Incandescent, 15A Resistive/Inductive 1 HP @120VAC 60Hz UL	Z
Vizia + 24-Hour Timer Color Change Kit	VPTKT		W, I, T, G, E, B
14-Hour Segment Programmable Timer Switch, ON/OFF scheduling in hourly intervals	6651	500W Incandescent, @120VAC	W, I, A
Variable Countdown Timer Switch, 1 minute to 18 hour intervals; neutral required	6652	500W Incandescent, 500VA rapid start magnetic ballasts only 1/6 HP @ 120VAC 60Hz	W, I, A



VPT24-IP

TESTING AND CODE COMPLIANCE
- VPT24 UL Listed (File #E-328809)
- 6651 and 6652 UL Listed (File #E-148771)
- CSA Certified (File #MC-152105)

MATERIAL CHARACTERISTICS
Operating Temperature 0°C to 40°C

COLOR
To order colors, add suffix to catalog number as follows: Z includes White (-W), Ivory (-I) and Light Almond (-T)
Color Change Kits available in the following colors: White (-W), Ivory (-I), Light Almond (-T), Grey (-G), Black (-E) and Brown (-B)

LEVITON

Residential Grade

Decora® Occupancy Sensor Controls: Indoor Wall Switches

Following the Decora tradition of stylish practicality, these occupancy sensors have attractive yet unobtrusive housings, excellent sensitivity and ample fields of view. They function as wall switches and cover a range of room sizes.

Passive Infrared (PIR)

Infrared occupancy sensors are passive devices designed to detect the movement of heat-emitting bodies. They are installed to monitor areas where there are no physical obstructions to block the sensor's field of view. HOW IT WORKS: People naturally emit a small amount of infrared heat. As a person passes through the field of view, the sensor detects the motion as a change in the infrared background and responds by switching on area lights. After the field of view is unoccupied for a user-defined delayed off time, the sensor will automatically turn off the lights.

Specifications and Features

Decora Wall Switch PIR Occupancy Sensors (PR150 and PR180)

- PR150 with 150° field of view and 350 sq. ft. of coverage is perfect for use in residential applications
- PR180 with 180° field of view and 400 sq. ft. of coverage is perfect for use in large rooms, home offices and a variety of light commercial and residential applications
- Ambient light override prevents these devices from switching lights ON when there is ample natural sunlight
- Manual override available for use as a standard ON/OFF switch
- Adjustable delayed OFF time interval (15 seconds to 15 minutes)
- Limited Two-Year Warranty

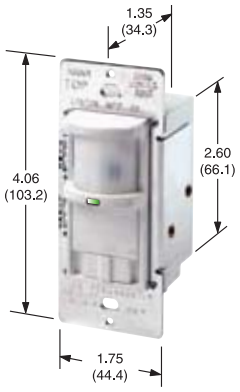
Decora Manual-ON Occupancy Sensors (IPP15 and IPP0R)

- Manual-ON/automatic OFF operation in accordance with California Title 24 2005 requirements
- 180° field of view and 900 sq. ft. of coverage is perfect for use in bathrooms, basements, garages, utility rooms, and a variety of other residential areas
- Low profile design eliminates an obtrusive "scanning device" look
- IPP15 provides a true 3-way feature when used with the IPP0R Manual-ON Occupancy Sensor Remote or the VP0SR Vizia + Switch Remote
- Convenient push button provides manual ON/OFF light switching at any time
- Segmented Fresnel lens provides optimum sensitivity and performance; even slight body movements will be detected
- Four optional manual adjustments for delayed OFF time settings to maximize energy savings: 30 seconds (for walk test), 5 minutes, 15 minutes & 30 minutes
- LED indicator light flashes when sensor detects motion to verify detection is active
- Streamlined, popular Decora styling complements interiors and is compatible with other Decora devices
- Compatible with Decora Plus screwless wallplates and Decora wallplates
- Limited Five-Year Warranty

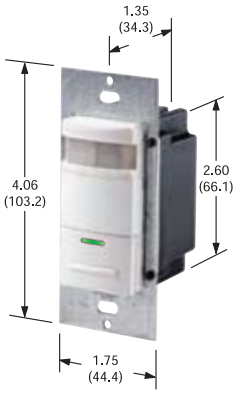
DECORA® WALL SWITCH INFRARED OCCUPANCY SENSOR

Description	Cat. No.	Rating	Color
Decora Wall Switch PIR Occupancy Sensor, single pole, 150° field of view, 350 sq. ft.	PR150-1L	Incandescent: 500W Rapid Start Fluorescent only: 400VA @ 120VAC	W, I, T
Decora Wall Switch PIR Occupancy Sensor, single pole or 3-way, 180° field, 400 sq. ft.	PR180-1L	Incandescent: 500W Rapid Start Fluorescent only: 400VA @ 120VACof view,	W,
Decora Manual-ON Occupancy Sensor, single pole, 3-way or more applications, 180° field of view, 900 sq. ft; neutral required	IPP15-1L	15A-120VAC	W, I, A, T, E
Decora Manual-ON Occupancy Sensor Remote Unit for 3-way or more applications, 180° field of view, 900 sq. ft; neutral required	IPP0R-1L	No load rating - 120VAC	W, I, A, T

Note: works with Vizia + Matching and Coordinating Remote



PR180-ILW



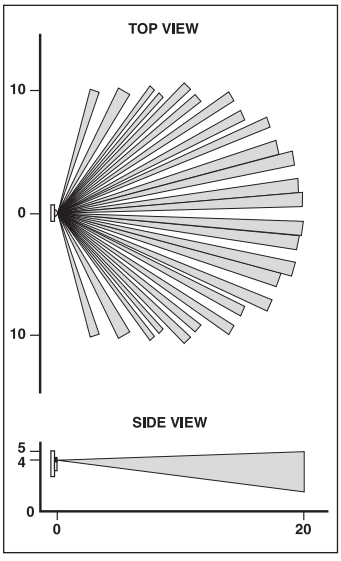
IPP15-ILW

TESTING AND CODE COMPLIANCE
- UL Listed (File #E-118904)
- CSA Certified (File #LR-91148M)
- IPP15 and IPP0R: California Title 24 Energy Code 2005 compliant

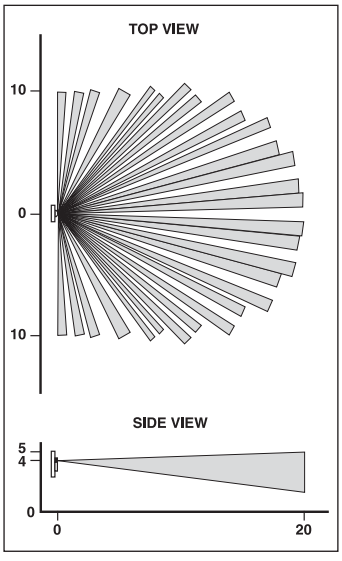
MATERIAL CHARACTERISTICS
- Operating Temperature: 32°F to 122°F
- Storage Temperature: 14°F to 185°F
- Relative Humidity: 20% to 90% non-condensing

COLOR
To order colors, add suffix to catalog number as follows: White (-W), Ivory (-I), Almond (-A), Light Almond (-T), Black (-E)

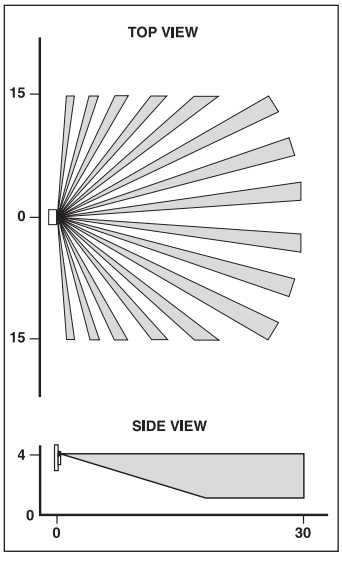
FIELD OF VIEW



PR150-1L
Field of View



PR180-1L
Field of View



IPP15
Field of View

Occupancy Sensor Lighting Controls: Outdoor

These Passive Infrared (PIR) outdoor motion sensors represent outstanding value in security lighting and provide the added benefits of convenience and energy savings. Easy to install and adjust, they automatically turn on lights in response to the slightest motion. Ideal for driveways, walkways, doorways, yards and docks, they discourage intruders and help prevent homeowners and welcome visitors from stumbling around in the dark.

Specifications and Features

- Ideal for a wide range of residential settings including backyards, garages, entranceways, porches, swimming pool areas, doorways and private docks
- Sensor neck adjustment allows accurate area monitoring: 110° vertical, 180° horizontal, 110° rotational
- Adjustable delayed OFF time settings from 20 seconds (for test mode) to 15 minutes
- Adjustable sensitivity reduces false triggers
- Provides Automatic,Test and Continuous Modes:Test Mode simulates automatic operation with short delayed OFF time for ease of making adjustments. Continuous Mode enables manual override for constant lights ON operation (when used with standard ON/OFF switch)
- Limited Five-Year Warranty

RS110-1F

INFRARED OUTDOOR MOTION SENSOR

Description	Cat. No.	Rating	Color
PIR Motion Sensor, 110° field of view	RS110-10	Incandescent: 500W @ 120VAC	W
PIR Motion Sensor with dual floodlights, 110° field of view	RS110-1F	Incandescent: 500W @ 120VAC	W

TESTING AND CODE COMPLIANCE

- UL Listed
- CSA Certified
- Meets ASHRAE Standard 90.1 requirements

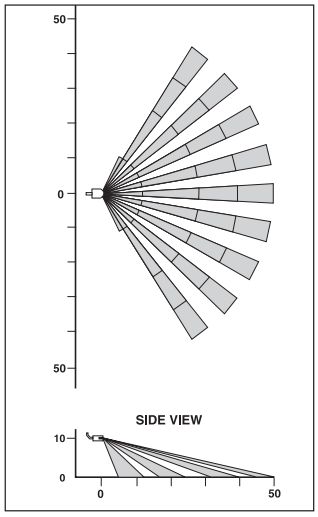
COLOR

To order colors, add suffix to catalog number as follows:
White (-W)

MATERIAL CHARACTERISTICS

- Operating Temperature: 32°F to 122°F
- Storage Temperature: 14°F to 185°F
- Relative Humidity: 20% to 90% non-condensing

FIELD OF VIEW



RS110-10
Field of View (in feet)