

CS-50 — PIR WALL SWITCH VACANCY SENSOR



This is the PIR wall switch vacancy sensor. The CS-50 Passive Infrared (PIR) Vacancy Sensor provides automatic shutoff for single-pole lighting control applications. It is engineered to comply with specific provisions of California's Title 24-2013 energy code. The CS-50 operates as a manual-on sensor. Users must press the pushbutton to turn on lighting. The CS-50 employs PIR technology to sense the difference between the infrared energy from a person in motion and the background space. It keeps lighting on as long as motion is detected and provides automatic shutoff, following a user-selected time delay, when motion is no longer detected. Users may turn the lighting off manually. The CS-50 is shipped preset for a 30 minute time delay, and does not require any adjustment after installation. If desired, the time delay may be easily reduced to 25, 20, 15, 10 or 5 minutes or to 30 seconds. The time delay should be set relative to the anticipated duration of stay and level of activity in the room; 30 minutes for guest room and executive restroom, and 5 to 10 minutes for pantries and laundry rooms. **Check out Wattstopper DLM products [here](#).**

- Replaces single-pole switches
- Adjustable time delay, 30 seconds to 30 minutes
- If enabled, status indicator blinks when motion is detected
- Low-profile styling
- Choice of five decorator colors; lens is color-matched to device

- Operates most common types of lighting or fan motors
 - Relay-based switching
 - No current leakage to load in off mode for safety
 - Compatible with decorator wall plates
 - CA Title 24 compliant
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LRF2-OCR2B-P-WH – RADIO POWR SAVR™ WIRELESS OCCUPANCY / VACANCY CEILING SENSOR



- Auto-On Low-Light feature will turn lights on automatically only if there is less than approximately 10 Lux (1 fc) of ambient light
- Passive infrared motion detection with exclusive Lutron XCT™ Technology for fine motion detection
- Simple adjustments available for Timeout, Auto-On, and Activity settings
- Supports advanced occupancy features, such as dependent occupancy groups and customizable occupied/unoccupied presets in some systems
- Multiple sensors can be added for extended coverage
- Lens illuminates during test mode to verify ideal locations

LRF2-0HLB-P-WH – HALLWAY OCCUPANCY / VACANCY SENSOR



Lutron® wall-mounted occupancy and vacancy sensors are wireless, battery-powered, passive infrared (PIR) sensors that automatically control lights via RF communication to compatible dimming or switching devices. These sensors detect the heat from people moving within an area to determine when the space is occupied. The sensors then wirelessly transmit the appropriate commands to the associated dimming or switching devices to turn the lights on or off automatically. They combine both convenience and exceptional energy savings along with ease of installation.

LRF2-0KLB-P-WH – 90° CORNER- MOUNT OCCUPANCY / VACANCY SENSOR



Lutron® wall-mounted occupancy and vacancy sensors are wireless, battery-powered, passive infrared (PIR) sensors that automatically control lights via RF communication to compatible dimming or switching devices. These sensors detect the heat from people moving within an area to determine when the space is occupied. The sensors then wirelessly transmit the appropriate commands to the associated dimming or switching devices to turn the lights on or off automatically. They combine both convenience and exceptional energy savings along with ease of installation.

LRF2-0WLB-P-WH – 180° Wall-Mount Occupancy/Vacancy Sensor



Lutron® wall-mounted occupancy and vacancy sensors are wireless, battery-powered, passive infrared (PIR) sensors that automatically control lights via RF communication to compatible dimming or switching devices. These sensors detect

the heat from people moving within an area to determine when the space is occupied. The sensors then wirelessly transmit the appropriate commands to the associated dimming or switching devices to turn the lights on or off automatically. They combine both convenience and exceptional energy savings along with ease of installation.

LRF2-VCR2B-P-WH — RADIO POWR SAVR™ WIRELESS VACANCY CEILING SENSOR



Lutron® Radio Powr Savr™ occupancy/vacancy sensors are wireless, battery-powered, passive infrared (PIR) sensors that automatically control lights via RF communication to compatible dimming and switching devices.

LRF2-VHLB-P-WH — HALLWAY

VACANCY SENSOR



Lutron® wall-mounted occupancy and vacancy sensors are wireless, battery-powered, passive infrared (PIR) sensors that automatically control lights via RF communication to compatible dimming or switching devices. These sensors detect the heat from people moving within an area to determine when the space is occupied. The sensors then wirelessly transmit the appropriate commands to the associated dimming or switching devices to turn the lights on or off automatically. They combine both convenience and exceptional energy savings along with ease of installation.

LRF2-VKLB-P-WH – 90° CORNER-MOUNT VACANCY SENSOR



Lutron® wall-mounted occupancy and vacancy sensors are wireless, battery-powered, passive infrared (PIR) sensors that automatically control lights via RF communication to

compatible dimming or switching devices. These sensors detect the heat from people moving within an area to determine when the space is occupied. The sensors then wirelessly transmit the appropriate commands to the associated dimming or switching devices to turn the lights on or off automatically. They combine both convenience and exceptional energy savings along with ease of installation.

LRF2-VWLB-P-WH – 180° WALL-MOUNT VACANCY (ONLY) SENSOR



Lutron® wall-mounted occupancy and vacancy sensors are wireless, battery-powered, passive infrared (PIR) sensors that automatically control lights via RF communication to compatible dimming or switching devices. These sensors detect the heat from people moving within an area to determine when the space is occupied. The sensors then wirelessly transmit the appropriate commands to the associated dimming or switching devices to turn the lights on or off automatically. They combine both convenience and exceptional energy savings along with ease of installation.

MS-A102-V-XX – Maestro Vacancy only Sensor Switch



- XCT Technology for major, minor, fine, and very fine motion detection
- 180° sensor field-of-view
- Tamper-resistant PIR lens
- Sensitivity adjustment
 - PIR (Hi, Med, Low, Min)
 - Ultrasonic (Hi, Med, Low, Off)
- Switches all lighting loads: incandescent, halogen, ELV, MLV, CFL, LED, magnetic fluorescent, electronic fluorescent
- Switches fan loads at 120 VAC

MS-B102-V-XX – Maestro 1 circuit Dual Technology Vacancy Sensor



- XCT Technology for major, minor, fine, and very fine motion detection
 - 180° sensor field-of-view
 - Tamper-resistant PIR lens
 - Sensitivity adjustment
 - PIR (Hi, Med, Low, Min)
 - Ultrasonic (Hi, Med, Low, Off)
 - Switches all lighting loads: incandescent, halogen, ELV, MLV, CFL, LED, magnetic fluorescent, electronic fluorescent
 - Switches fan loads at 120 VAC
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RS-150BA-N – PIR WALL SWITCH VACANCY SENSOR W/ NIGHTLIGHT



This is the PIR wall switch vacancy sensor w/ NightLight. The RS-150BA-N Passive Infrared (PIR) Vacancy Sensor provides automatic shutoff for single-pole lighting control applications. It is engineered to comply with specific

provisions of California's Title 24-2013 energy code.

The RS-150BA-N operates as a manual-on sensor. Users must press the on/off pushbutton to turn on lighting. The RS-150BA-N employs PIR technology to sense the difference between the infrared energy from a person in motion and the background space. It keeps lighting on as long as motion is detected and provides automatic shutoff, following a 30-minute time delay, when motion is no longer detected. Users may turn the lighting off manually.

The integral nightlight helps preserve night vision by providing low-level illumination when the connected lighting is off. The nightlight uses energy-efficient LEDs. **Check out Wattstopper DLM products here.**

- Complies with 2011 NEC requirements
- Replaces single-pole switches
- Fixed 30-minute time delay; no adjustment necessary
- Amber LED nightlight illuminates whenever connected load is off
- Lighted switch for visibility in darkened rooms
- Low-profile styling
- Choice of five decorator colors; lens is color-matched to device
- Operates most common types of lighting or fan motors
- Relay-based switching
- No current leakage to load in off mode for safety
- Compatible with decorator wall plates
- CA Title 24 compliant

WS-CaseStudy-GreenHome_OccupancyVacancyTimeswitches