



OccuSwitch Classic

Occupancy Sensor Wall Switch

LRS2210/LRS2230

Philips OccuSwitch Classic occupancy sensor wall switch provides automatic lighting control in a variety of commercial applications and features an optional night light.

The switch can be used for automatic switching of incandescent and fluorescent lamps. It features a manual override switch that can be used to keep lights off while an area is occupied, which may be desired in conference rooms and other areas during media presentations. The unit installs in place of a single pole wall switch and fits in a standard wall box.

The wall switch uses Passive Infrared (PIR) detection technology to monitor a room for occupancy. When the sensor detects motion, the lights are switched on. In manual-on/auto-off mode, the lights can only be turned on by manually pressing the push-button. Once on, the lights will remain on as long as the unit detects activity in the space. They will shut lights off automatically after the space becomes unoccupied and the delayed-off time expires. Lights can also be turned off manually at any time by pressing the push-button.

The LRS2230 has the ability to dim and turn off this “guide light” function with a simple dial setting.

Features

- Passive Infrared technology
- Low profile design eliminates obtrusive “scanning-device” look. Uses standard wallplates
- Fits in standard wallbox and replaces single pole wall switch for fast and simple installation
- Gangable with other units
- On/off switching provides manual on/off override manual-on/automatic-off mode for installations where manual-on switching is required but automatic-off switching is still desired for potential energy savings
- Segmented Fresnel lens provides optimum sensitivity and performance. Designed with an extensive “small motion” area where even slight body movements will be detected
- Night light model available
- LED indicator light flashes when sensor detects motion to verify detection is active
- Relay switching is executed at the zero crossing point of the AC power curve to provide maximum contact life and compatibility with electronic ballasts

Coverage (Range)

- 180° field of view provides approximately 2100 sq. ft. of coverage
- Adjustable horizontal field of view (PIR)—may be adjusted between 180° and 60° of arc by using integral blinders located on either side of the lens

Compatibility

- Compatible with Philips Advance Optanium programmed start electronic fluorescent ballasts and Xitanium LED drivers

Applications

- Suitable for small offices, conference rooms, classrooms, lounges, and a variety of commercial areas

Job Information	Device Type #: _____
Job Name: _____	
Cat. No.: _____	
Notes:	

PHILIPS

sense and simplicity

OccuSwitch Classic

Occupancy Sensor Wall Switch (LRS2210/LRS2230)

Technical specifications*

Lens: Segmented, Fresnel

Operating environment: 32°F to 122°F (0°C to 50°C); 20% to 90% non-condensing, relative humidity. For indoor use only

Size: 4.06" H x 1.75" W x 1.85" D (103.2 mm x 44.4 mm x 47.2 mm)

Colors: White, Ivory

Listings: UL Listed and CSA Certified, complies with California Title 24 Energy Code and FCC Regulations

Line voltage: One unit can be used for either 120V or 277V lighting. Compatible with both electronic and magnetic ballasts

Operational frequencies: 60Hz

Wire designation: Line—Black; Load—Blue; Ground—Green

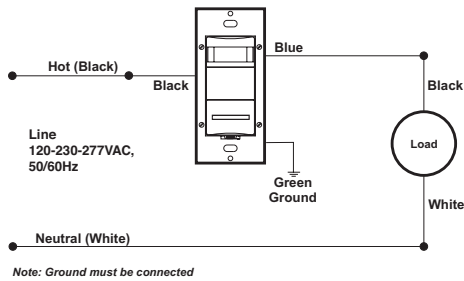
Load rating:

Fluorescent—1200VA @ 120V, 2700VA @ 277V

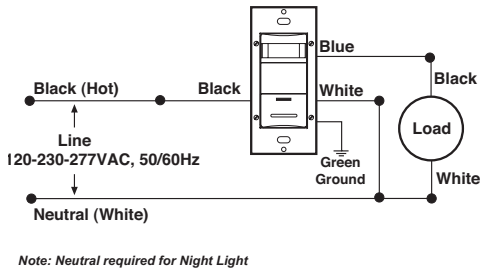
Incandescent—800W @ 120V

Motor—1/4HP @ 120V

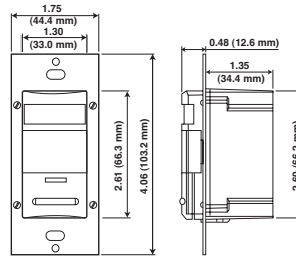
Wiring diagram: LRS2210



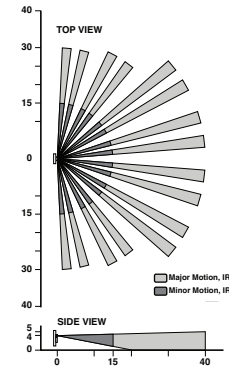
LRS2230



Dimensions:



Field of view (in feet):



*Subject to change without notice.

Ordering information

Ordering Code	Description
LRS221000	Wall Switch Occupancy Sensor, 120/277VAC, White
LRS221001	Wall Switch Occupancy Sensor, 120/277VAC, Ivory
LRS223000	Wall Switch Occupancy Sensor w/Night Light, 120/277VAC, White
LRS223001	Wall Switch Occupancy Sensor w/Night Light, 120/277VAC, Ivory



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