

PROJECT NAME: \_\_\_\_\_ CAT. #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_ FIXTURE SCHEDULE: \_\_\_\_\_

## SC Series - Standalone Controls

Single Relay Pole  
Wall Switch PIR Sensor

The SC Series wall switch sensor provides a simple and cost-effective standalone control solution which utilizes PIR (Passive Infrared) technology to turn lights ON and OFF based on occupancy/vacancy. The vandal resistant lens provides major and minor detection movement coverage with a 180° sensor field-of-view. The sensor wall switch can be used to meet many of the Title 20/24, ASHRAE 90.1, and IECC code requirements.



### Features

- Compatible with most LED, Electronic and Magnetic ballasts, CFL, and Incandescent
- Used in commercial or residential applications
- PIR, Passive Infrared Technology
- No neutral required which can be installed in both retrofit and new construction
- Built-in OCC/VAC slide button offers Manual ON/OFF and Automatic ON/OFF control capability
- Auto mode includes "walk-through" sensing mode which increases energy savings by turning light "off" shortly after momentary occupancy
- Self Adaptive feature automatically adjusts time delay based on occupants behavior patterns during Auto settings
- Latching relay allows sensor to work at low power
- Relay switches at zero crossing point of the AC power curve to ensure maximum contact life
- Adjustable sensitivity settings
- Conforms to California Title 20/24, ASHRAE 90.1, and IECC code requirements
- 5-year standard warranty

### Applications

- Office
- Hospitals
- Restrooms
- Schools
- Retail
- Hospitality

### Ordering Info

Model Number	Description	Order Code	UPC Code
SC-SWSPU-W	Single Relay Pole Wall Switch PIR Sensor	109299	767627039898

### Specifications

INPUT VOLTAGE	120/277VAC
OPERATIONAL FREQUENCY	50/60 Hz
LOAD RATINGS	800W Incandescent, 800VA@120VAC, 1600VA@277VAC
MOTOR LOAD RATINGS	1/4 HP @ 120VAC
TIME DELAY	15 seconds (Test Mode) to 30 minutes
SENSITIVITY	30-100% (Default 65%)
OPERATING TEMPERATURE	32°F to 131°F (0°C to 55°C)
OPERATING HUMIDITY	0%-90% non-condensing
OPERATING ENVIRONMENT	Suitable for Dry Locations - Indoor Use Only
REGULATORY APPROVALS	UL Listed
MOUNTING	Single gang switch box
MOUNTING HEIGHT	48"
WEIGHT	4 oz

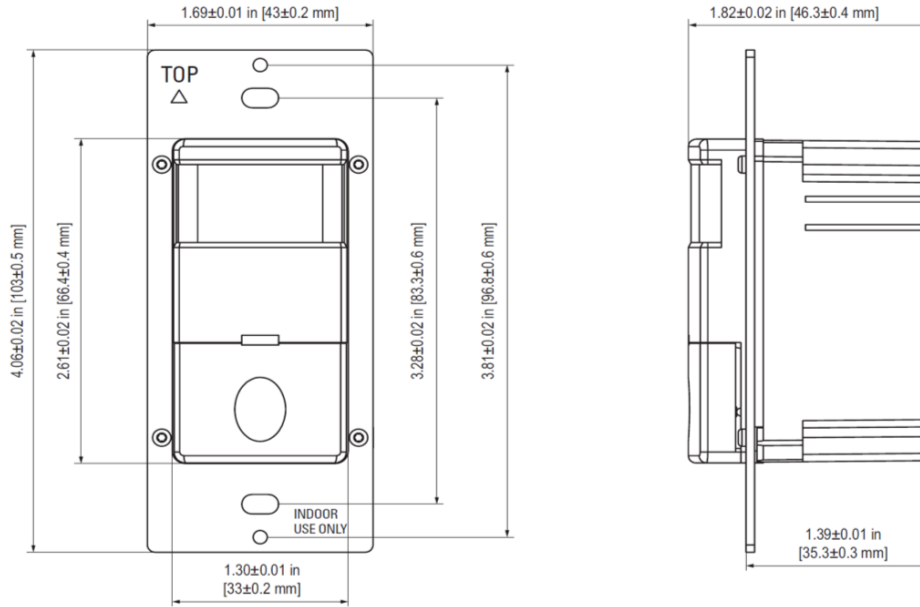


5-year standard warranty (further details available at [www.maxlite.com/warranties](http://www.maxlite.com/warranties))

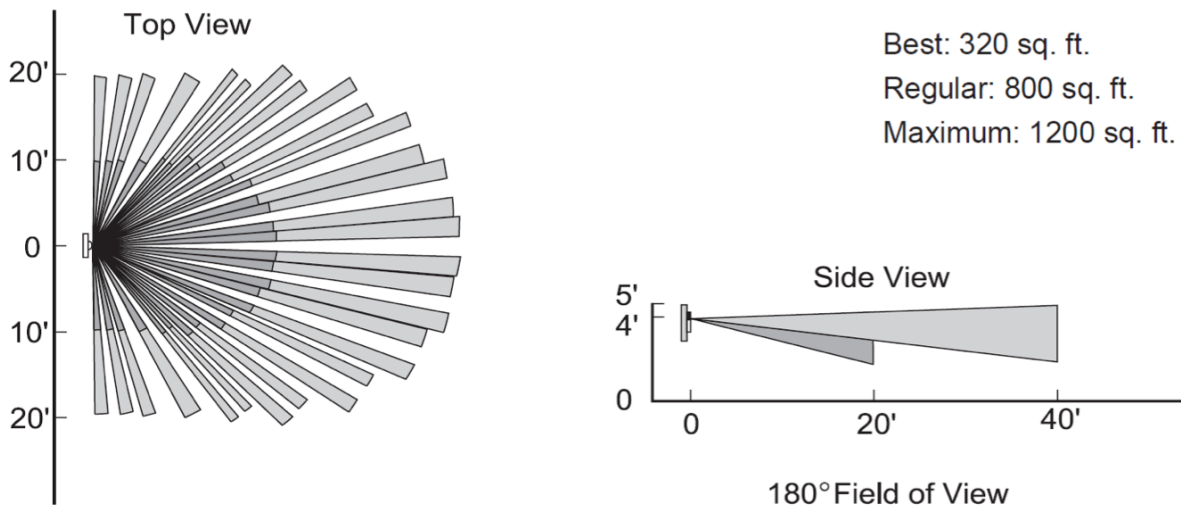
## SC Series - Standalone Controls

Single Relay Pole  
Wall Switch PIR Sensor

### Dimensions



### Coverage Pattern\*



\*For optimal performance, do not obstruct sensor's field of view

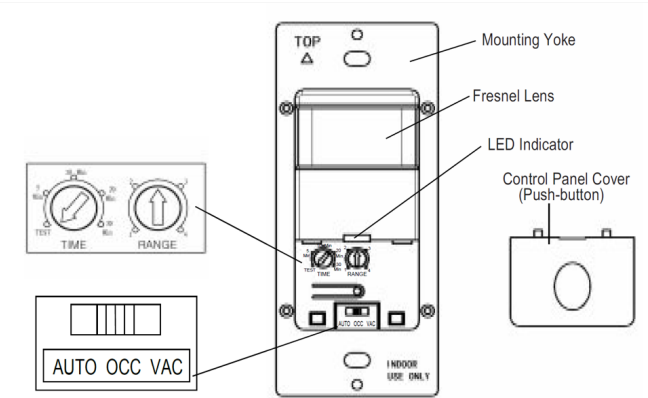
\*Maintain distance of sensor at least 6ft away from any hot objects or air handling units. Significant heat sources can cause false detection

\*Mask the PIR lens using opaque tape to block specific areas that are not desired to be sensed

SC Series - Standalone Controls

Single Relay Pole  
Wall Switch PIR Sensor

Configuration



Position	Mode	Description
Left	(AUTO) Automatic	<b>Automatic Occupancy Mode:</b> Automatic ON/OFF, time delay programmed with TIME dial (15 seconds - 30 minutes) with walk-through** mode
Center	(OCC) Occupancy	<b>Occupancy Mode:</b> Automatic ON/OFF, time delay programmed with TIME dial (15 seconds - 30 minutes)
Right	(VAC) Vacancy	<b>Vacancy Mode:</b> Manual ON/Auto OFF, time delay programmed with TIME dial (15 seconds - 30 minutes)

**\*\*Walk-through Mode:** The load will automatically turn off after 150 seconds (2.5 minutes) if a brief occupancy moment happens within the first 30 seconds. If occupancy occurs for longer than 30 seconds, the load will remain ON for the duration of the time delay set on the switch.

Wiring Diagram

