

INSTALLATION INSTRUCTIONS

WARNING: Turn off the circuit breaker before installation.
Indoor use only.
Do not exceed electrical ratings.

◆ INSTALLATION

1. Make sure that the power has been turned OFF at the circuit breaker.
2. Connect the SMRT-WALL-OCC-VAC-PIR-DIM as shown in the WIRING DIAGRAM (see Figure 2).

Wiring Diagram

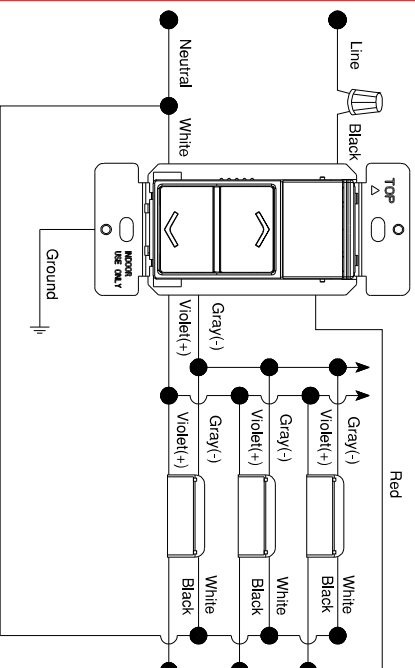


Figure 2

3. Check connections to be sure they are tight and that there are no bare conductors exposed.
4. Insert the SMRT_Sensor into the wall box carefully.
5. Make sure the SMRT_Sensor is mounted to the box using the supplied screws.
6. Attach the wall plate.
7. Restore power at the circuit breaker. Installation is complete.

Open The Panel Cover

Gently remove the panel cover using a flat blade screwdriver. Find the slots at the bottom left or right of the panel cover and pry the panel cover loose. See Figure 3.

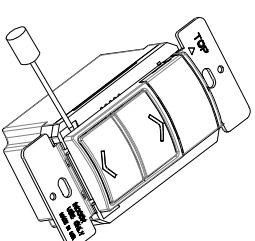


Figure 3

◆ ADJUSTMENT

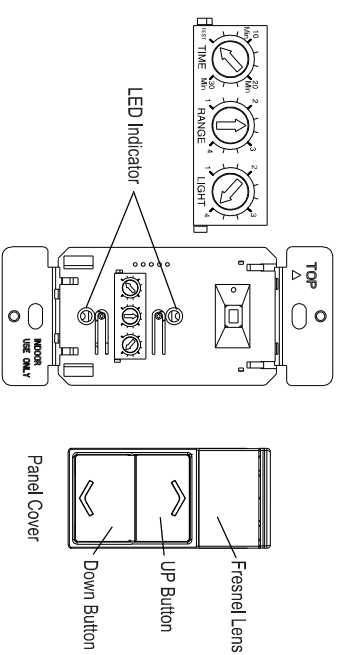


Figure 4

Time Delay Knob

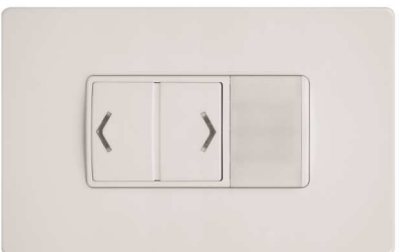
Default position: 15 Seconds (Test mode)
Adjustable: from 15 Seconds to 30 Minutes (clockwise)

Sensor Sensitivity Range Knob

Default position: Center at 65%
Adjustable: 30% (Position 1) to 100% (Position 4)
Note: Turn toward right for greater room space.
Turn toward left to avoid false alert in smaller room and near the door way or heat source.

Ambient Light Level Knob

Default position: Daylight (100% at position 4)
Adjustable: Daylight to 30Lux (Counter clockwise)
Note: to avoid wasting energy by turning the light in daylight.



◆ SPECIFICATIONS

Rating:..... 120 -277 V ~ 50 / 60 Hz, 800W Electronic fluorescent ballast or LED driver

◆ DESCRIPTION

The PIR Dimming Wall Switch works by detecting the difference between heat emitted from the human body in motion and the background space. The PIR Sensor Switch can turn a load on and hold it as long as the switch detects occupancy. After no motion is detected for the set time delay, the load turns off automatically. The PIR Sensor Switch is to turn ON/OFF and control the brightness level of the connected lighting load.

Coverage Area

The coverage range of the PIR Sensor Switch is specified and illustrated in Figure 1. Large objects and some transparent barriers such as glass windows will obstruct the switch's view and prevent detection, causing the light to turn off even though the detection area is occupied.

Best: 320 sq.ft.
Regular: 800 sq.ft.
Maximum: 1200 sq.ft.

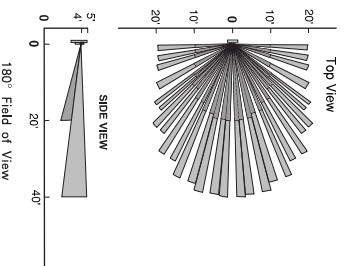


Figure 1