

**WARNING:** May result in serious injury or death. Turn off power at circuit breaker before installing the unit.



### FEATURES

- 120-277V Universal Voltage
- Occupancy/Vacancy
- PIR Sensor and Photo Sensor Built-in

### SPECIFICATIONS

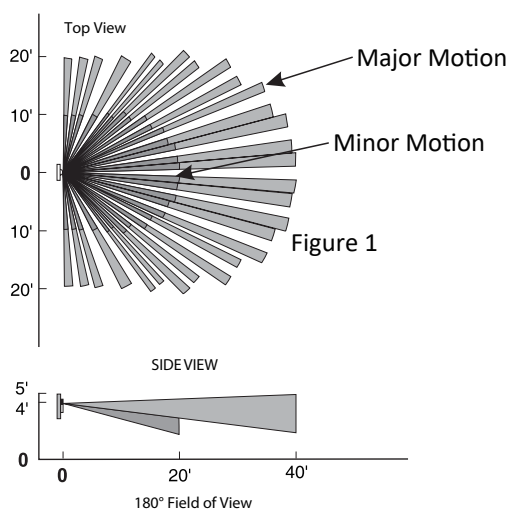
Resistive	10A-120VAC,60Hz
Tungsten	800W-120VAC,60Hz
Electronic Ballast	800VA@120VAC,60Hz /1600VA@277VAC,60Hz
Motor	1/4HP-120VAC,60Hz

### DESCRIPTION

- The TSBWSA occupancy sensor features passive infrared (PIR) detection technology, brightness detection, and a 180-degree detection range. It turns lighting fixtures on and off based on occupancy levels and ambient light levels.
- The brightness detection function prevents lighting fixtures from turning on if the lighting level is sufficient.
- The TSBWSA occupancy sensor can be configured in detection and absence mode with the Technilight Smart app:
  - Detection mode:** Powers the lights via presence detection, automatic shut off.
  - Absence mode:** Powers the lights by pressing the dedicated push button.
- The TSBWSA occupancy sensor uses Bluetooth technology and is programmable with the Technilight Smart app.

### Coverage Area

The coverage range of the sensor switch is specified and illustrated in Figure 1. Large objects and some transparent barriers like glass windows will obstruct the sensors' view and prevent detection, causing the light to turn off even though someone is still in the detection area.



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

### WIRING

1. Connect lead wires as WIRING DIAGRAM(see Figure 2):  
Black lead to Hot wire, Red lead to Load wire,  
White lead to Neutral wire, and Green lead to Ground wire.
2. Gently position wires in wall box, attach sensor switch to the box.
3. Mount device "TOP" up.
4. Restore power at circuit breaker or fuse, wait one minute
5. Attach the wallplate.

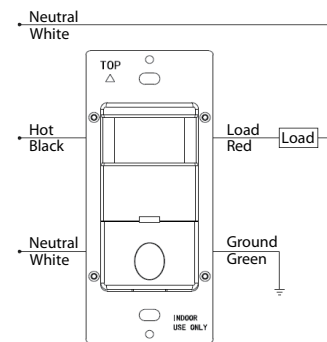


Figure 2

NOTE: DO NOT connect RED & WHITE wires on device together! It may cause short circuit!

### TSBWSA Indicator Light Explanation

- 1.The indicator light will blink 5 times at a frequency of 0.25Hz every time when it is powered on.
- 2.The indicator light will blink 3 times at a frequency of 5Hz when receiving a data packet.
- 3.After pressing the button for 15 seconds, the TSBWSA enters the state of preparing to reset, and the indicator light blinks at a frequency of 1Hz for a maximum of 5 seconds.
- 4.When TSBWSA is in the state of preparing to reset, the indicator light will flash at a frequency of 1HZ. If user presses the button, the indicator light will remain on for 6 seconds, and the sound of the relay switching can be heard. After that, the device will immediately restart and return to the factory state.

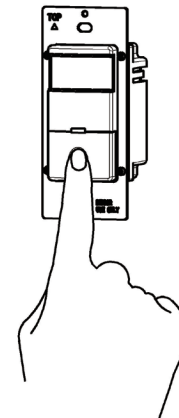


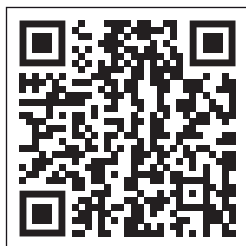
Figure 3

### How to install Technilight Smart APP?

Download our app:



Technilight Smart  
Google play  
Android



Technilight Smart  
Apple store  
iOS

### WARRANTY INFORMATION

Our company warranties this product to be free of defects in materials and workmanship for a period of five(5) years. There are no obligations or liabilities on the part of our company for consequential damages arising out of, or in connection with, the use or performance of this product or other indirect damages with respect to loss of property, revenue or profit, or cost of removal, installation or reinstallation.