



Commercial Grade Occupancy/Vacancy Sensor Single pole or 3-way

Model No: DWOS-3R

Description

The passive infrared sensors work by detecting the difference between heat emitted from the human body in motion and the background space. The sensor switch can turn a load on and hold it as long as the sensor detects occupancy. After no motion is detected for the set time delay, the load turned off automatically. This product includes adjustable Ambient Light Level.

Features

- Turn lights ON/OFF automatically (Occupancy Mode)
- Manual ON / automatically OFF (Vacancy Mode)
- Time delay is adjustable from 15 seconds (test mode) to 30 minutes
- Neutral wire required
- Single pole or three-way
- Zero Crossing for long relay life
- Adjustable sensitivity settings
- Light level is adjustable

Specifications

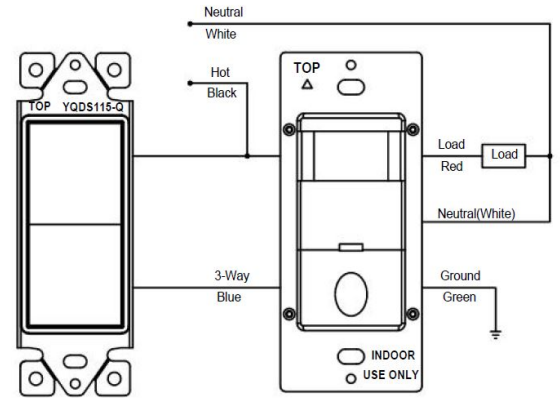
| | |
|-----------------------------|-------------------|
| Voltage | 120 Vac, 60 Hz |
| Incandescent | 800W |
| Fluorescent | 800 VA |
| LED | 150W |
| Motor | 1/4 HP |
| Time delay | 15 Sec to 30 Mins |
| Light level | 30 Lux – Daylight |
| Operating Temperature | 32 F to 131 F |

Testing & Code Compliance

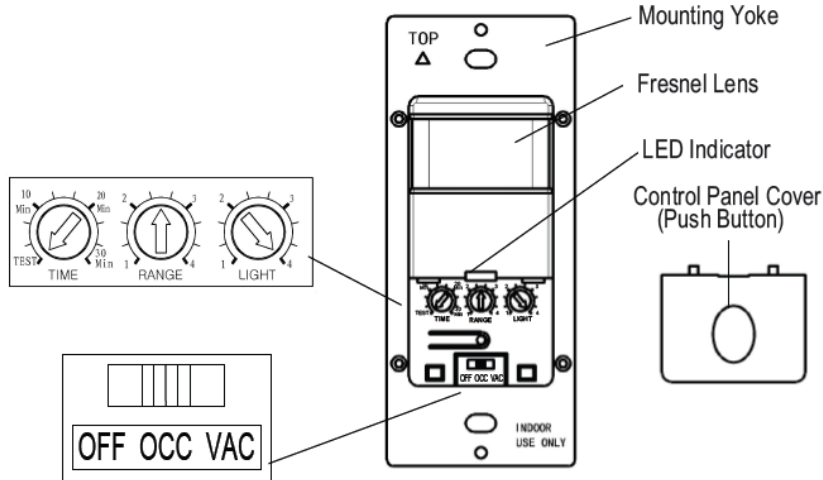


Installation & wiring:

Install the product as illustrated to the right, connects wires Green lead to ground, Black lead to Hot and one terminal of 3-way switch, Red lead to Load, and 3-way Blue lead to another terminal of 3-way switch.



Controls



*Coverage Area

As illustrated in Figure 1, The DWOS-3R has a 180° detection range with a maximum distance of 30' detection in front of the sensor and 20' on the sides. For maximum results, the sensor must be properly installed between the height of 4' to 5' and away from obstructions such as walls, furniture and transparent barriers like Low-E glass.

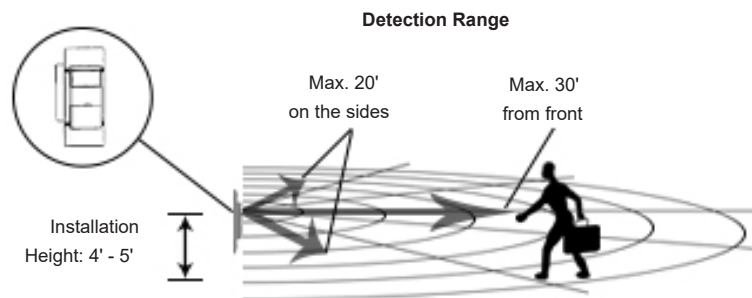


Figure 1