APPLICATIONS

The 360° passive infrared (PIR) occupancy sensors turn lighting systems on and off based on occupancy and ambient light levels. The light level feature keeps lights from turning on if the ambient light level is sufficient. The sensors can be configured to turn lighting on, and hold it on as long as the sensor detects occupancy. After no movement is detected for a specified time the lights are switched off.

FEATURES

- 360° field of view, 800 sq ft.
- Passive Infrared Technology (PIR)
- Time Delay is adjustable from 15 seconds (test mode) to 30 minutes
- Simple, fast installation
- Adjustable sensitivity settings
- Light level is adjustable.

Installation & Wiring

Refer to the wire diagram of the sensor (see figure 1), and connect the wires of ceiling sensores as followed by using the wire nuts provided.

1. Connect the Hot wire to the Black wire from the senso
2. Connect the Load wire to the Red wire from the senso
3. Connect the Neutral wire to the White wire from the senso

This sensor can install together with a snap switch in series, in this case, connect the sensor hot (black) wire to the load wire of the snap switch, it can be a single pole switch, 3-way switches or 4-way switches.

Figure 1
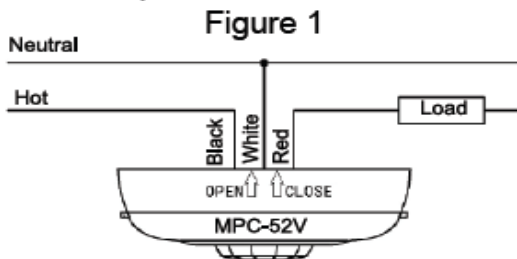
Testing and Code Compliance:
- UL Pending

Specifications

Incandescent	800W-12
Fluorescent	800VA-120VAC / 1200VA-27
Motor	1/4 HP ,12(
Operating Temperature	32°to 131°F
Adjustable Light Level	10
Adjustable Time Delay	15
Sensitivity Adjustment	50% or 100% (D
Coverage	U
Lead Power Cable	

Coverage area

The 13-MPC-52V provides 360° coverage pattern, up to 800 Figure 2) For building spaces with lower levels of activity or with o barriers, coverage size may decrease.

Figure 2
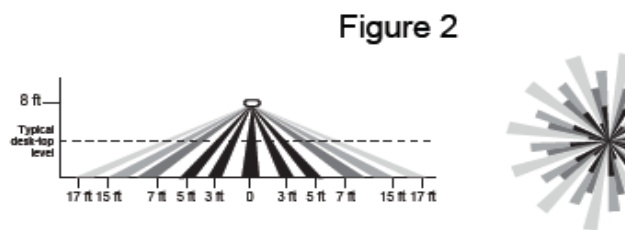
20VAC, 60HZ
7VAC, 60HZ
0VAC, 60HZ
F (0°to 55°C)
0FC—150FC
5 sec.-30min.
)IP switch 1)
Up to 800 ft
...........4 feet

square feet.
bstacles and

34 ft
10.36 m