



360° Passive Infrared Line Voltage Occupancy Sensor

Model #: MPC-50V

Description:

The MPC-50H occupancy sensor is designed for automatic lighting control in high bay applications, such as warehouses, distribution centers, gymnasiums, and areas with direct access to the lighting fixtures, specifically for indoor locations. This product contains a passive infrared sensor (PIR).

Features:

- LED indicator of occupancy detection for easy verification of coverage
- Easy front access to time delay, sensitivity range and ambient light level adjustment
- Easy mounting using ½” knockout at end of luminaire fixture
- Hardware choices for side and back mount
- Compatible with all program start ballasts
- Zero crossing circuitry reduces stress on relay and extends sensor life

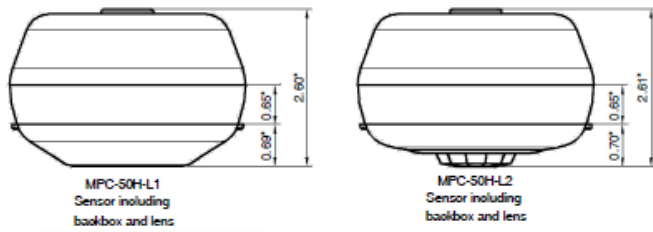
Specifications:

Voltage	120/277VA,50/60Hz
Load Requirements:	
@ 120VAC	800W ballast or tungsten
@ 277VAC	1200W ballast
@ 120VAC	1/4 hp
Adjustable Light Level	10FC—150FC
Sensitivity Adjustable	50% or 100%(DIP switch)
Operating Temperature	32°to 131°F (0°to 55°C)
Relative Humidity	20-90%, non-condensing
Controls	Light Level Knob and Dip Switches
Material.....	ABS
Warranty.....	2 years

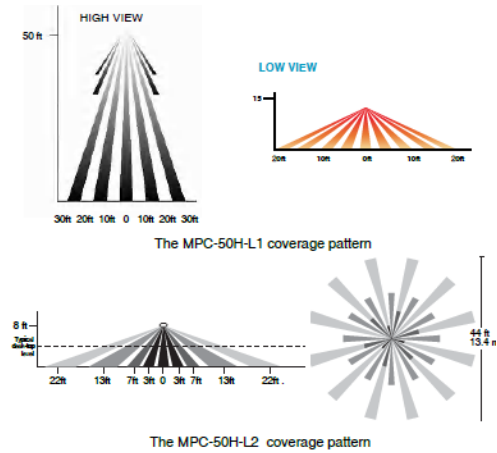
Testing and Code Compliance:

- UL/CUL Listed device
- California Title 24

Dimensions:



Coverage:



Lens Specifications:

MPC-50H-L1:

Mounting height.....50ft
 Field of view 360°
 Coverage.....2800 sq.ft

MPC-50H-L2:

Mounting height.....8ft
 Field of view 360°
 Coverage..... 1200 sq.ft

Dip Switch Setting:

Sensitivity	1
100%	↑
50%	↓

Time Delay	2	3	4
Test/15 Seconds	↓	↓	↓
5 Minutes	↓	↓	↓
10 Minutes	↓	↓	↓
15 Minutes	↓	↓	↓
20 Minutes	↑	↑	↑
25 Minutes	↑	↑	↑
30 Minutes	↑	↑	↑

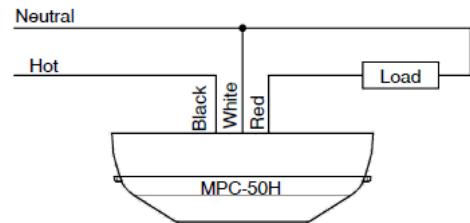
↓ = OFF ↑ = ON ◀ Factory setting

The MPC-50H has 4 DIP switches under the cover. They are used to set sensitivity and time delay feature settings.

First switch: Changes the sensitivity of the sensor, increasing or decreasing the range and height of detection.

Second, Third, and Forth: Through a combination of these switches outlined in the table above, the times at which the loads will turn off can be changed.

Wiring Diagram:



Components:

