

Enerlites®



SELF-CONTAINED PIR OCCUPANCY LINE VOLTAGE SENSOR

MODEL NO: MPC-52V10

DESCRIPTION

The ENERLITES MPC-52V is a commercial grade line voltage ceiling mount sensor that operates lights using PIR technology. The sensor features a 360° field of view fresnel lens that provides up to 800 sq. ft. of coverage area. This ceiling mounted sensor operates lights ON/OFF based on occupancy and ambient light levels detected in the area. Ambient light level detection prevents the occupancy sensor from turning lights ON when the ambient light levels are sufficient. This ceiling sensor also includes 10 ft. feeding cables for convenient installations and is compatible with either LED or fluorescent lights.

FEATURES

- 360° field of view
- 10ft wire lead self-contained ceiling sensor
- Time Delay is adjustable from 15 seconds to 30 minutes
- DIP switch simplifies sensor adjustments
- Adjustable PIR sensitivity setting
- Adjustable ambient light level to keep load off
- LED indicator light flashes when sensor detects motion to verify detection is active
- Zero-crossing for long relay life
- Sensor coverage tested to NEMA WD7-2000

SPECIFICATIONS

Voltage	120VAC / 277VAC, 60Hz
Resistive	10A
Incandescent	800W
Electronic Ballast	800VA @ 120VAC / 1200VA @ 277VAC
Motor	1/4 HP
Coverage	800 sq. ft.
Warranty	2 Years

TESTING & CODE COMPLIANCE



APPLICATIONS

- Offices
- Classrooms
- Warehouses
- Storage Rooms

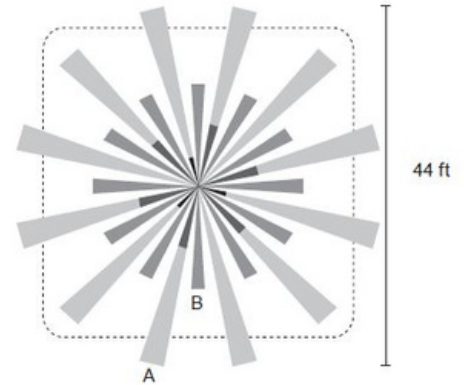
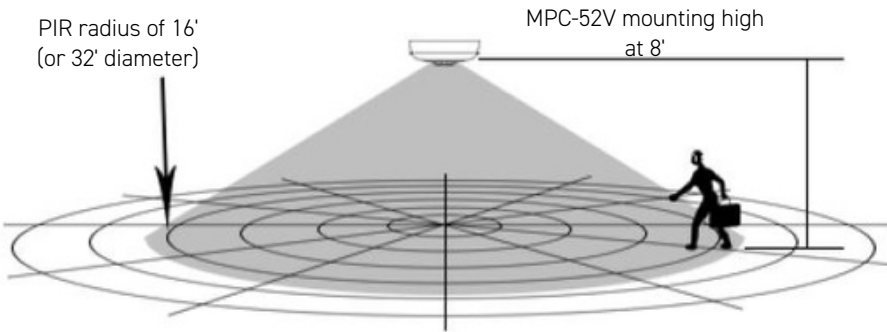
SPECIFICATION SUBMITTAL

Job Name

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Notes

COVERAGE PATTERN

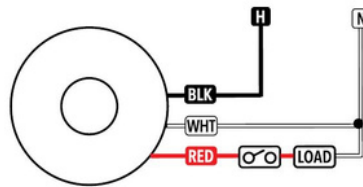


A: When walking across beam, detection will occur at approximately 16 feet.
B: When walking into beam, detection will occur at approximately 8 feet.

The MPC-52V offers a comprehensive 360° coverage pattern, showcasing the range when mounted at a height of 8-12 feet during walking motion. In spaces with reduced activity levels or hindrances such as obstacles and barriers, the coverage area may diminish. The size of coverage in PIR ONLY trigger mode fluctuates based on the mounting height—refer to the pattern above for specific details.

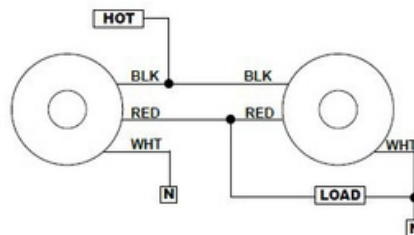
WIRING

BLACK - Line Input
WHITE - Neutral
RED - Load Output



SENSORS IN PARALLEL

Sensors may be wired in parallel; however, the maximum load ratings stay the same.



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