

WAVE-PIR-120/277-N-O/V

PIR Switch Mount Sensor

Created By



Features & Benefits:

- Line voltage PIR wall switch occupancy/vacancy sensor with 180°/1200 square foot max detection coverage
- Integral photocell for daylight sensing
- Switch for auto-on or manual-on operation
- Dual voltage 120/277VAC
- Decorative-style wallplate included

Product Description

The WAVE-PIR delivers a superior 180-degree field of view and a maximum of 1,200 square feet of motion detection coverage. The combination of passive Infrared (PIR) motion detection, photocell, and auto-on (occupancy) or manual-on (vacancy) operation optimizes energy savings, and meets today's stringent energy codes.

The WAVE-PIR provides single-pole, single phase circuit control at 120 or 277 VAC. Mechanical adjustments can be made for range, time-out, and daylight level threshold. The WAVE-PIR mounts in a standard wall box, and a decorative-style cover plate and installation hardware is included. White finish.

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Specifications:

DC Input:

Voltage range: 12-24VDC | 25mA sensor (50mA w/ BLE)

Sensor Details:

Sensor Type: PIR, occupancy/vacancy

Operating Voltage: 120/277VAC, 60Hz

Max Load (Resistive): 800W

Max Load (Fluorescent): 800VA @ 120VAC / 1600VA @ 277VAC

Min Load: None

Max Load (Motor): 1/4 Hp motor

Max Sensor Range: 40 ft / 1200 ft²

Best Performance: 20 ft / 320 ft²

Follow-up time: 15 sec to 30 min

Switch-on threshold: 30 Lux to daylight

Operating

Temperature : 32 F to +131 F / 0 °C to +55 °C

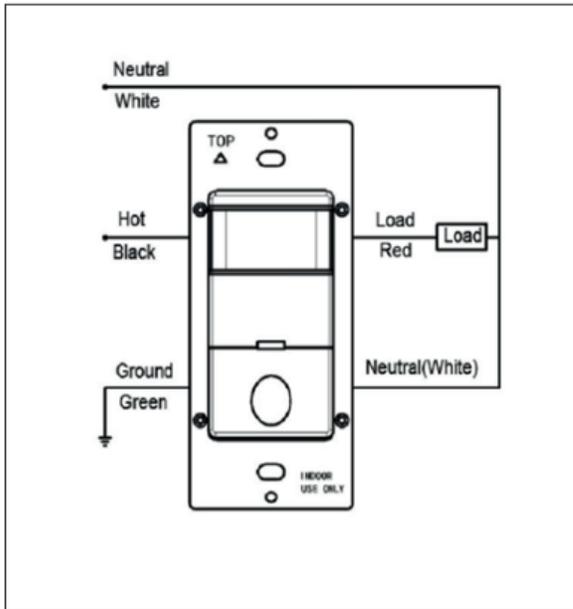
Mounting: Standard wall box

Certifications: UL/cUL listed

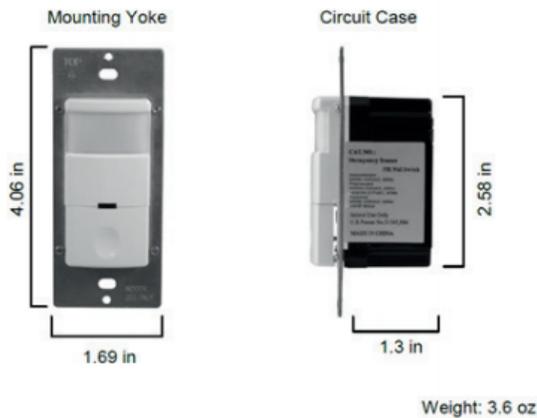
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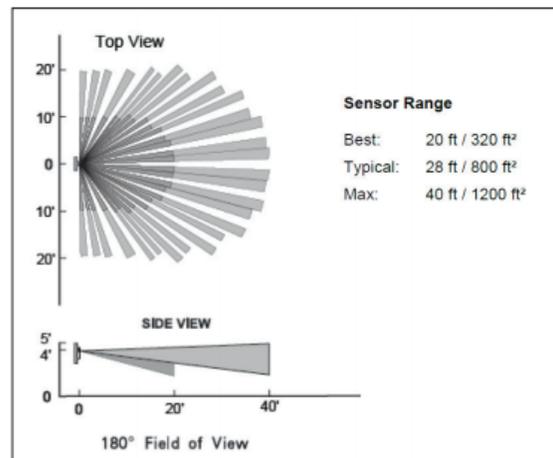
WIRING DIAGRAM



DIMENSIONS DRAWING



DETECTION AREA



Ordering Information:

Part Number:

WAVE-PIR-120/277-N-O/V

Description:

Passive Infrared (PIR) Occupancy Sensor