

Wall Switch Occupancy Sensor with LED NightLight

Exclusive dual PIR design provides super range and small motion detection.

LED NightLight offers "Guide Light"

Replaces Single-pole wall switch



UL and CUL
Listed

Part # MLOSSNL-ITW

BASIC OPERATION

The passive infrared (PIR) sensor detects motion from a heat-emitting source within its field-of-view to automatically switch lights ON or OFF (MLOSSNL) or manually switch lights ON and automatically switch lights OFF. Has the ability to reduce (dim) and turn off the "Guide Light" function with a simple dial setting. The LED NightLight consumes less than 1/2 Watt providing energy savings and guide lighting when room lights are off.

APPLICATIONS

MLOSSNL-ITW is perfect for use in hospitality and health care facilities, in addition to business offices and facilities with either auto-ON or manual-ON settings with adjustable time delay settings of 30 seconds to 2 hours. The NightLight Occupancy Sensor Wall switch can be used to provide automatic lighting control for energy savings and convenience in a variety of commercial applications, including:

- Hotel restrooms
- Conference rooms
- Small Offices
- Storage areas
- Hospital restrooms
- Classrooms
- Lounges
- Bathrooms

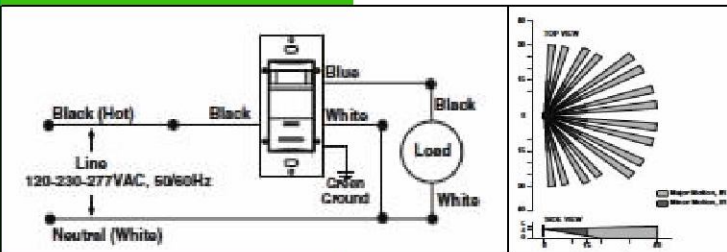
FIELD OF VIEW

The MLOSSNL-ITW provides a 180° field of view with a maximum coverage area of approximately 2100 square feet. The maximum sensing distance in front of the sensor is 40 feet, and at each side is 30 feet. A "minor-motion" zone detects relatively small body movements and allows the lights to stay ON even though a person may not be moving or walking around the room. The remainder of the field of view, the "major-motion" zone, exhibits a lesser degree of sensitivity and requires larger movements.

INSTALLATION

The MLOSSNL-ITW is preset to deliver optimum performance in a wide variety of applications without requiring any adjustments during installation. The unit may replace a single-pole wall switch mounted in a standard wall box. The unit must have a neutral and be properly grounded in order to operate. The unit's integral blinders may be used to restrict the field-of-view to prevent unwanted detection of hallway traffic. It should be positioned at least 6 feet away from HVAC registers. Note that whenever the unit is powered up, it will take approximately 1 minute to begin normal operation.

SPECIFICATIONS



Features and Benefits

Exclusive dual PIR design provides unmatched range and small motion detection
Auto-ON/Auto-OFF or Manual-ON/Auto-OFF select operation
Push-button manual ON/OFF light switching at any time
LED NightLight offers "Guide Light" functionality
Adjustable NightLight illumination
Setting for continuous or dimmed NightLight
120V-277v compatible with electronic & magnetic ballasts

ELECTRICAL

Warranty Limited 5-year UL and CUL Certified

Line Voltage	120-230-277VAC
Operational Frequencies	50/60 Hz
Load Rating	Fluorescent: 1200VA @ 120V, 2700VA@277V Incandescent: 800W @ 120V, Motor: 1/8 HP @120V
Wire Designation	Line - Black Load - Blue Ground - Green Neutral - White
Operating Temperature Range	32 degrees to 122 degrees (0 degreesC to 50degrees C)
Storage Temp	14 degrees to 185 degrees (-10degrees C to 85degrees C)
Relative Humidity	20% to 90% non-condensing

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