solutions for Lighting

Date:	Approved:
Type:	
Fixture:	
Project:	

360° High Bay PIR Fixture Mounted Occupancy Sensor (120-277V)

LS-YM2501A

STANDARD

Passive Infrared Technology: Motion sensor switch provides hands-free operation by detecting a change in temperature. Turn lights ON in response to the heat generated energy (when a person enters a roon) and OPFF when rooms are unoccupied.

The occupancy sensor is designed to mount directly onto a luminaire and is ideal for high mounted areas such as manufacturing facilities, warehouses, and all other high ceiling applications.

Detects changes in the infrared energy given off by occupants as they move within the field-of-view. When occupancy is detected, a self contained relaw switched the connected lighting load on. The occupancy sensor is line powered and can switch line voltage. An internal timer, factory set at 15 seconds, keeps the lights on during breif periods of inactivity.

The best coverage area is between 15ft to 30ft mounting heights. 15ft to 20ft radial coverage overlaps are lit by a typical high bay fixture.The time delay adjustment controls the amount of time the lights stay ON after the last detected motion. Time delay can be adjusted from 15 seconds up to 30 minutes (factory time delay set at 15 seconds)

To decrease PIR detection range and sensitivity, rotate the know counter clockwise. The detection range can be adjusted from 100% down to 30%.

FEATURES

- *cUL Listed / Fcc*
- *Single Pole*
- *Color: Grey*
- *Operational Mode: Auto ON, Auto OFF*
- *Time Delay: Adjustable (15 seconds up to 30 minutes) ~ Terminal*
- *Line: White- Neutral, Black- Hot, Red- Load ~ Coverage Range: High Bay mounting heights up to 30ft mounting/ 360° field*
- *Humidity Range: 0% to 90% RH, non-condensing*
- *Operating Temperature: 30° to 131° F (0° to 55° C)*
- *Voltage: 120/277VAC, 60Hz*
- *Load Requirements: 800VA at 120VAC*
- *Load Horsepower: 1/GHP*

WARRANTY & LISTINGS

- *cUL Listed / Fcc.*
- *5-year warranty on all electronics and housing.*

ORDERING INFORMATION

Model	Type	Voltage	Load Requirement	Pole
LS-YM2501A	PIR	120-277	800VA at 120VAC0W	Single