

OCCUPANCY SENSOR - LOW/HIGH BAY

INSTALL INSTRUCTIONS

PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. Please read the instructions before you install and use the luminaire.

GENERAL: ALL ELECTRICAL CONNECTIONS MUST BE IN ACCORDANCE WITH LOCAL AND NATIONAL ELECTRICAL CODE (N.E.C.) STANDARDS. IF YOU ARE UNFAMILIAR WITH PROPER ELECTRICAL WIRING CONNECTIONS OBTAIN THE SERVICES OF A QUALIFIED ELECTRICIAN. REMOVE FROM THE BOX AND MAKE SURE THAT NO PARTS ARE MISSING.

WARNING - Risk of fire or electric shock. Sensor installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

WARNING - Risk of fire or electric shock. Install this sensor only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings, and where the input of the fixture does not exceed the input rating of the sensor.

WARNING - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

Risk of Electric Shock: Disconnect power or circuit breaker before installing or servicing.

Do not make or alter any open holes in an enclosure of wiring or electrical components during installation.

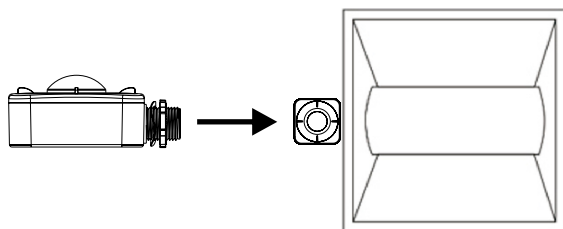
CAUTION FOR YOUR SAFETY: IF YOU ARE UNSURE ABOUT ANY PART OF THESE INSTRUCTIONS, CONSULT A QUALIFIED ELECTRICIAN.

! WARNING DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

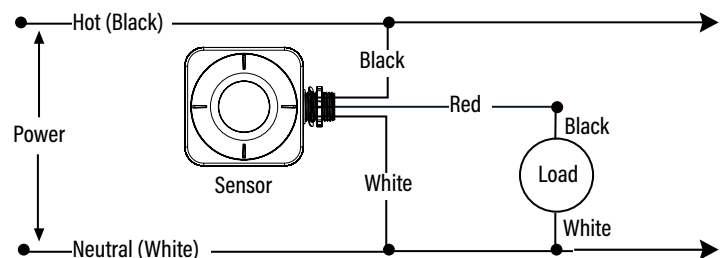
OCCUPANCY SENSOR SPECIFICATIONS

SPECIFICATIONS	
Power supply	120-277V AC 50/60Hz
Maximum load @ -40°F ~ 167°F (-40°C ~ 75°C)	Incandescent / Halogen - 800W/1200W @ 120/277V Fluorescent Ballast / CFL - 800W/1200W @ 120/277V Electronic Ballast (LED) - 800W/1200W @ 120/277V
PIR Len L1	30' coverage at 25' height, 360° lens
PIR Len L2	30' coverage at 40' height, 360° lens
Time Setting	10 seconds - 30 minutes (Adjustable)
Light Control	10-300 LUX (Adjustable)
Humidity	Maximum 95% RH
Temperature	-40°F ~ 167°F (-40°C ~ 75°C)

OCCUPANCY SENSOR INSTALLATION



Wiring Diagram



Sensor's LED:

1. The sensor's LED will light up after switching the power on. It will then turn off after the unit enters a working state.
2. The sensor's LED will flash once when the unit receives a sensing signal.

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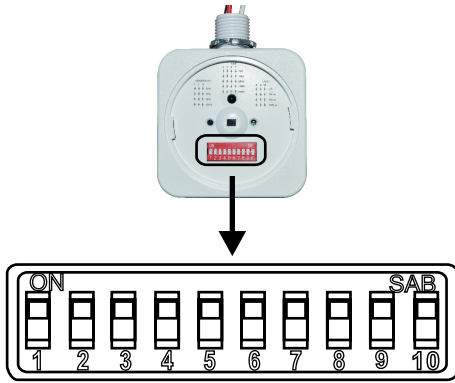
OCCUPANCY SENSOR SETTINGS

Parameter settings:

Switches 1, 2, and 3 set the detection sensitivity of the sensor.

Switches 4, 5, 6 and 7 set the hold time of the sensor.

Switches 8, 9 and 10 set the light sensor control.



Detection Range Setting (Sensitivity): Detection range is a term used to describe the circular radius of the detection zone produced on the ground after mounting the sensor at a height of up to 40ft. Flip switches 1, 2 and 3 to the ON position as "↑", or to the OFF position as "↓", for adjusting detection sensitivity of the corresponding table below:

		SENSITIVITY			
ON	↑	1	2	3	
		↓	↓	↓	20%
		↓	↑	↑	50%
		↑	↓	↑	75%
		↑	↑	↑	100%

RANGE: 1, 2, 3

Hold Time Setting: The light can be set to stay ON for any period of time between 10 seconds (min.) and 30 minutes (max.). Any movement detected before this time elapse will re-start the timer. It is recommended to adjust the detection zone by selecting the minimum time setting when performing a walk test. Flip switches 4, 5, 6 and 7 to the ON position as "↑", or to the OFF position as "↓", for adjusting hold time of the corresponding table below:

		TIME				
ON	↑	4	5	6	7	
		↓	↓	↓	↓	10S
		↓	↓	↓	↑	1Min
		↓	↑	↓	↓	5Min
		↓	↑	↑	↑	10Min
		↑	↓	↓	↑	30Min

TIME: 4, 5, 6, 7

Light Control Setting: The chosen light response threshold ranges from approximately 10-300 lux. Flip switches 8, 9 and 10 to the ON position as "↑", or to the OFF position as "↓", for adjusting light-control of the corresponding table below:

		LIGHT CONTROL			
ON	↑	8	9	10	
		↓	↓	↓	☀ (light sensor disable)
		↓	↓	↑	10Lux
		↓	↑	↓	50Lux
		↑	↑	↓	300Lux

LUX: 8, 9, 10

TROUBLESHOOTING

SENSITIVITY IS POOR

- Check if there are obstructions in front of the detection window effecting the receiving of signals.
- Check if the ambient temperature is too high.
- Check if the signal source is in the detection field.
- Check if the installation height corresponds to the height indicated on the specifications on Page 1 of the installation instructions.
- Check placement of sensor in relation to movement flow.
- Switch lenses to match sensor height.

SENSOR DOES NOT SHUT OFF AUTOMATICALLY

- Check if there are continual signals in the detection field.
- Check if the time delay is set to the longest.
- Check if the power corresponds to the specifications on page 1 of the installation instructions.
- Check if there is a temperature change near the sensor.

LOAD DOES NOT WORK

- Check that the power and load requirements are correct.
- Check if the load is good.
- Check if the sensor's LED blinks rapidly after detecting motion.
- Check if the light sensor setting corresponds to the ambient light.