ETLIN-DANIELS



INSTALLATION MANUAL FOR SENPIR-HLB-O SENSOR

SAVE THESE INSTRUCTIONS - READ ALL INSTRUCTIONS CAREFULLY

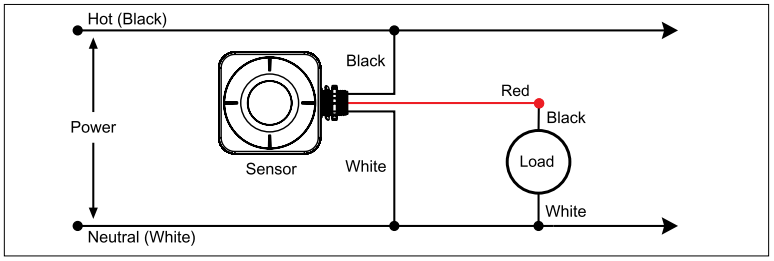
The Etlin-Daniels wet location rated SENPIR-HLB-O Low / High Bay Passive Infrared Sensor offers coverage from 8 feet to 40 feet, for both indoor and outdoor luminaires. The voltage range is conveniently 120-347V, 50/60Hz, and there are internal Dip Switches to adjust Detection Range, Hold Time Settings and Detection (Lux) Range.

⚠ WARNING

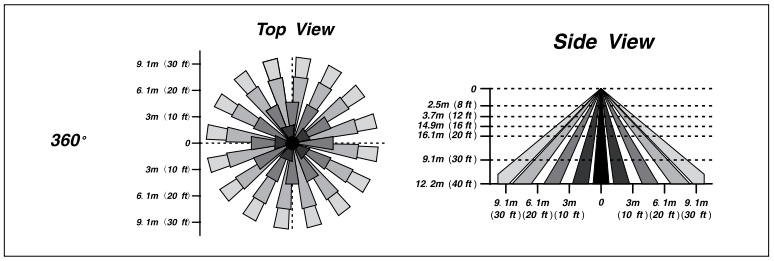
Note - Warm up time is 40 seconds. After the sensor connects input power the first time, the fixture will stay on for 40 seconds, then go off to work normally.
Note - Factory Default Settings: 100% Sensitivity; Hold Time 10 seconds; Daylight Sensor is disabled.

POWER SUPPLY	120 - 347 V 50 / 60 Hz
	SENPIR-HLB-O
Maximum Load	Resistive / Halogen - 800W @ 120V / 1200W @ 277V / 1500W @ 347V Fluorescent Ballast - 660VA @ 120V / 1200VA @ 277V / 1500VA @ 347V Electronic Ballast (LED DRIVER) - 5A @ 120V / 5A @ 277V / 5A @ 347V
PIR Lens	Coverage 8 ft - 40 ft height / 360°
Hold Time Setting	10 sec. - 20 min. (adjustable)
Light Control	☾ or ☀
Humidity	Max. 95% RH
Temperature	-40° F ~ +167° F (-40°C ~ +75° C)

WIRING DIAGRAM (NON-DIMMING DRIVER)

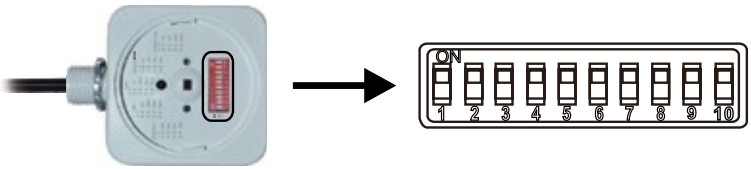


LOW / HIGH BAY LENS



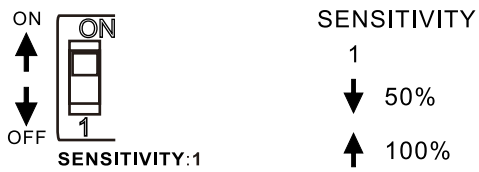
DIP SWITCH CONTROL SETTINGS

Switch 1 is used to set the Detection Range of the Sensor. Switches 2-8 are used to set the Delay / Hold Time of the Sensor. Switches 9-10 are used to set the Lux Control at either the Infinite Position (☾) or the Disable position (☀).



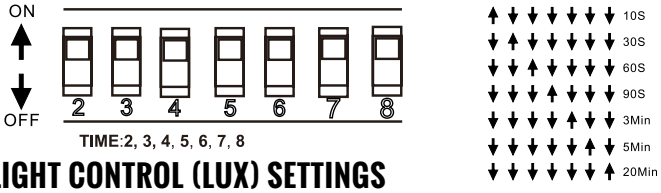
DETECTION RANGE SETTING (SENSITIVITY)

Detection Range is the term used to describe the radius of an approximate circular detection zone produced on the ground after mounting the sensor at 40 feet. Sensitivity can be set at 50% or 100%.



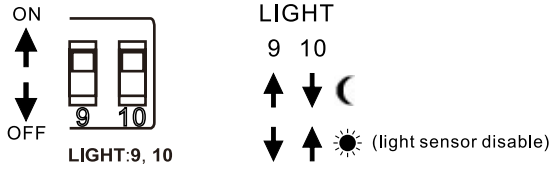
HOLD TIME SETTING

The luminaire can be set to stay on for any period of time between 10 sec. and 20 min. Any movement before this Hold Time elapses will restart the timer. It is recommended to set the shortest time for adjusting the Detection Zone and performing a walk test.



LIGHT CONTROL (LUX) SETTINGS

The Sensor response threshold can be set at either an Infinite position or a Disabled position. Setting to the SUN (disabled) will turn the luminaires on when it is lighter. Setting to the MOON position will turn on the luminaire when it is dark.



Head Office - 1850 Wilson Ave. · Toronto, ON · M9M 1A1 · **Tel:** 416.741.7336 · **Fax:** 416.741.9104
Toll free: in Canada. 1.800.661.9610 · in USA. 1.888.762.5384 (SOCKETS4U)
www.etlin-daniels.com· For sales/service questions - sales@etlin.com