Date		**Project**	
Type		**Part Number**	

PRIME ALL-IN-ONE PERFORMANCE LIGHTING

STANDALONE Sensors

PIR Sensor

Passive Infrared Technology (PIR) is employed to detect occupancy by analyzing the infrared energy emitted by a moving object in comparison to the background space. This technology identifies variations in the infrared energy released by occupants as they move within the designated field-of-view. The Reno-PIR is designed to be directly installed onto an industrial luminaire or junction box. It functions as a self-contained sensor and relay, controlling the activation or deactivation of light fixtures depending on occupancy status. With a reliable coverage extending up to 30 feet at mounting heights, the Reno-PIR ensures effective performance.

CERTIFIED WET 5 YEARS WARRANTY

PRODUCT FEATURES

- 360° of coverage, up to 20ft detection radius
- For use at heights above 14ft. to maximum 39ft
- Adjustable sensitivity, hold time, stand-by dim level, stand-by time, and daylight settings by internal dip switch
- Installs into standard 1/2" knockout
- No Minimum Load Requirement
- White high impact injection molded plastic
- Operation temperature: -40°F to 167°F (-40°C to 75°C)
- Wet Location Rated
- 5 year warranty

KEY SPECIFICATIONS

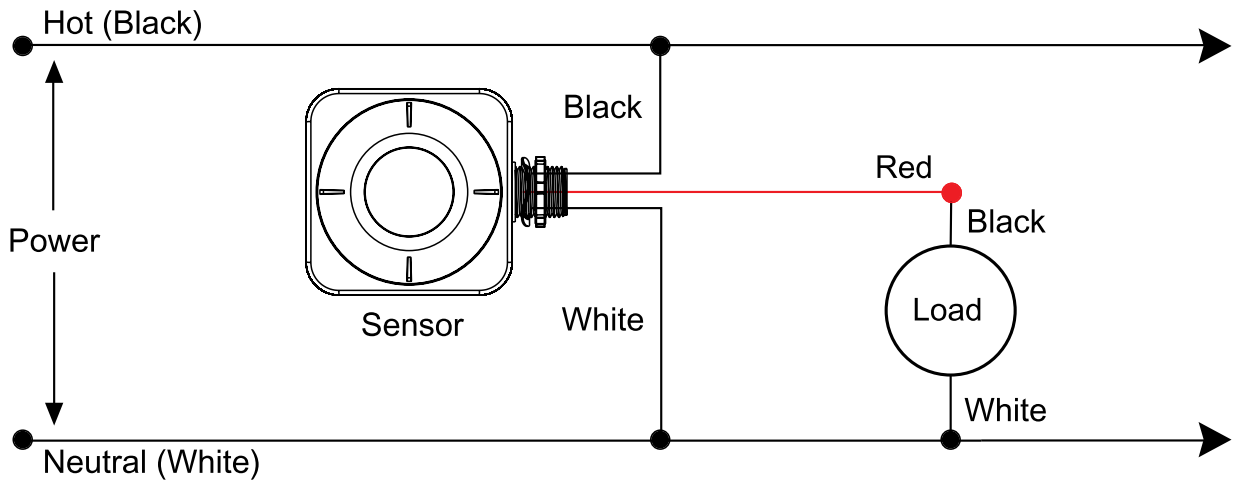
Input Voltage	AC120-347V
Installation Height	Up to 12M (39ft)
Detection Radius	6M (20ft)
Detection Angle	≤360°
Output	On/Off Line Voltage
Installation	Hardwire
Applications	Commercial, Warehouse, Retail Facilities

905-604-4666 | info@renolighting.com | www.renolighting.com
REV. 02/12/25

SPECIFICATIONS

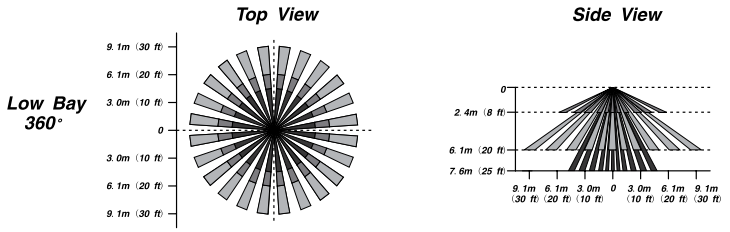
Order#	Model	Installation Height	Detection Radius	Input Voltage
R72003	RENO-SENSOR-PIR-H-ON/OFF	Up to 12M (39ft)	6M (20ft)	AC120-347V

WIRING DIAGRAM

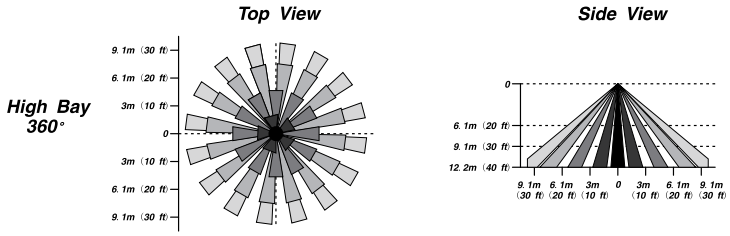


DETECTION COVERAGE

L1 Len

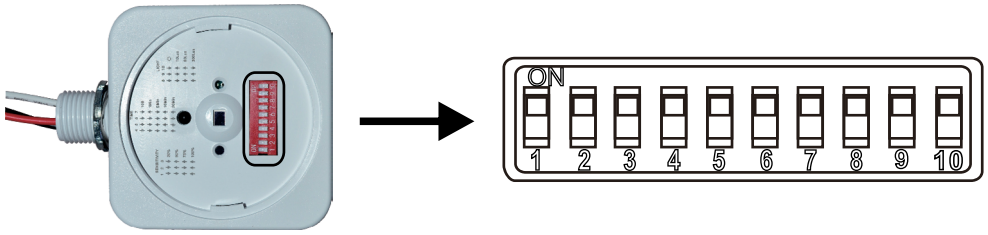


L2 Len



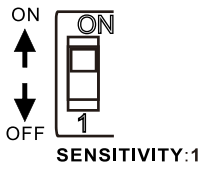
PARAMETER SETTING BY DIP SWITCH

Shown as chart below: By setting the 1 to set the detection range of products, by setting 2,3,4,5,6,7,8 to set the delay time of products, by setting the 9, 10 to set the light-control of products.



DETECTION RANGE SETTING

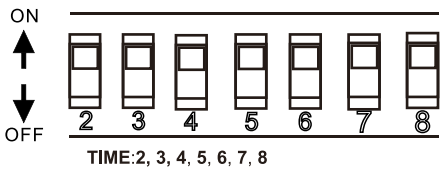
Detection range is the term used to describe the radius of the more less circular detection zone producded on the ground after mounting the sensor light at a height of 40ft, pull switch to the ON postion as "↑", pull switch to OFF postion as "↓", switch location and detection range of the corresponding table is as follows:



SENSITIVITY
1
↓ 50%
↑ 100%

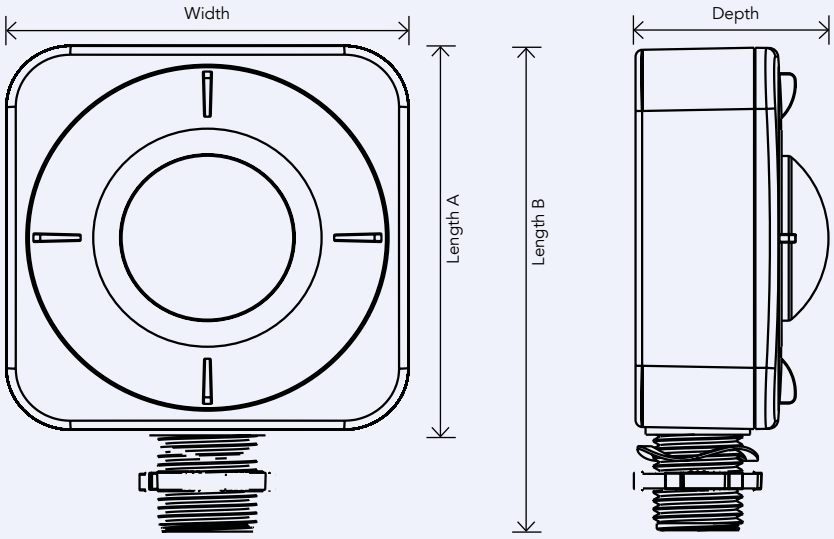
HOLD TIME SETTING

The light can be set to stay ON for any period of time between approx. 10sec and a maximum of 20min. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.
Pull switch to the ON position as "↑", pull switch to the OFF position as "↓", switch location and hold time of the corresponding table is as follows:



TIME							
2	3	4	5	6	7	8	
↑	↓	↓	↓	↓	↓	↓	10S
↓	↑	↓	↓	↓	↓	↓	30S
↓	↓	↑	↓	↓	↓	↓	60S
↓	↓	↓	↑	↓	↓	↓	90S
↓	↓	↓	↓	↑	↓	↓	3Min
↓	↓	↓	↓	↓	↑	↓	5Min
↓	↓	↓	↓	↓	↓	↑	20Min

DIMENSIONS



Width:	3.2″ (81 mm)
Length A:	3.2″ (81 mm)
Length B:	4″ (102.5 mm)
Depth:	1.7″ (43.3 mm)