

Date: _____ Project: _____

Type: _____ Part #: _____

Standalone Sensors

Long Detection Range PIR Sensor



This PIR (Passive Infrared) sensor is designed for high-ceiling applications, with detection up to 50 ft. Ideal for warehouses and large commercial spaces, it provides reliable motion detection for efficient lighting control. It activates lights only when movement is detected, improving energy savings and performance. Easy to install, it is optimized for large-area lighting management.



Product Features

- Uniquely designed for high-ceiling applications with a detection range of up to 50 ft (15 m).
- Detection Area: 25% / 50% / 75% / 100%.
- Bi-level dimming functions.
- Fresnel lens providing a wider infrared detection range.
- IP65 rated for wet locations.
- Operating temperature: -40°C to +60°C.
- Compatible with any fixture with 0-10V dimming and a 3.5 mm jack input.
- Remote required for programming, one remote per site.
- 5-year warranty.

Specifications

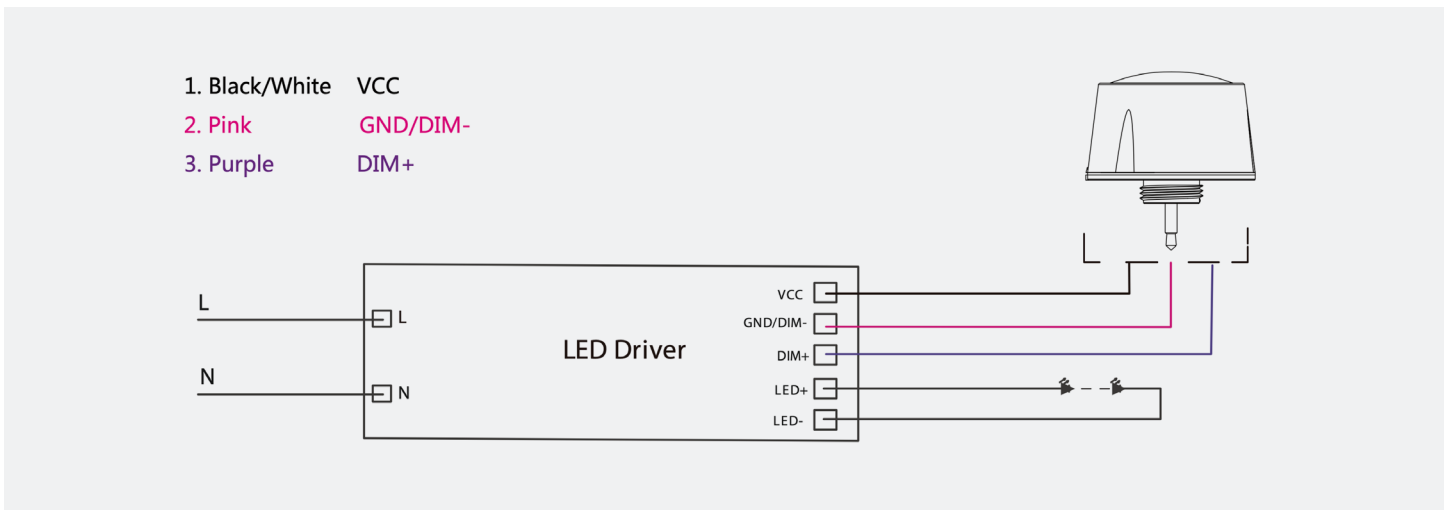
Voltage	12VDC
Installation Height	Up to 15M (50ft)
Detection Radius	6M (20ft)
Detection Angle	≤120° Fresnel Lens
Output	On/Off, 0-10V
Installation	3.5mm Jack
Applications	Commercial, Warehouse, Retail Facilities

Specifications

Order #	Model	Installation Height	Detection Radius	Input Voltage
R74004	RENO-SENSOR-PIR3.5-PH15	Up to 15M (50ft)	6M (20ft)	12VDC

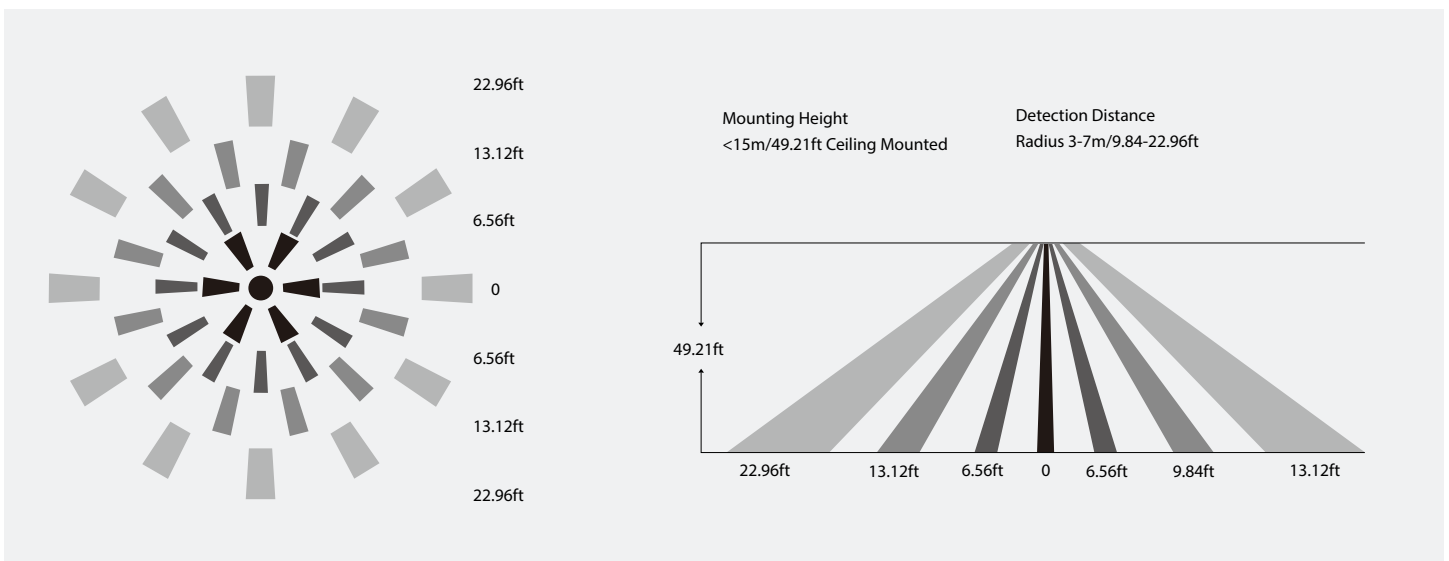
Wiring

Diagram



Detection

Coverage



Accessories

Remotes



Remote Control for Standalone Sensors (With Screen)

R73002

RENO-REMOTE-H



Remote Control for Standalone sensors (Without Screen)

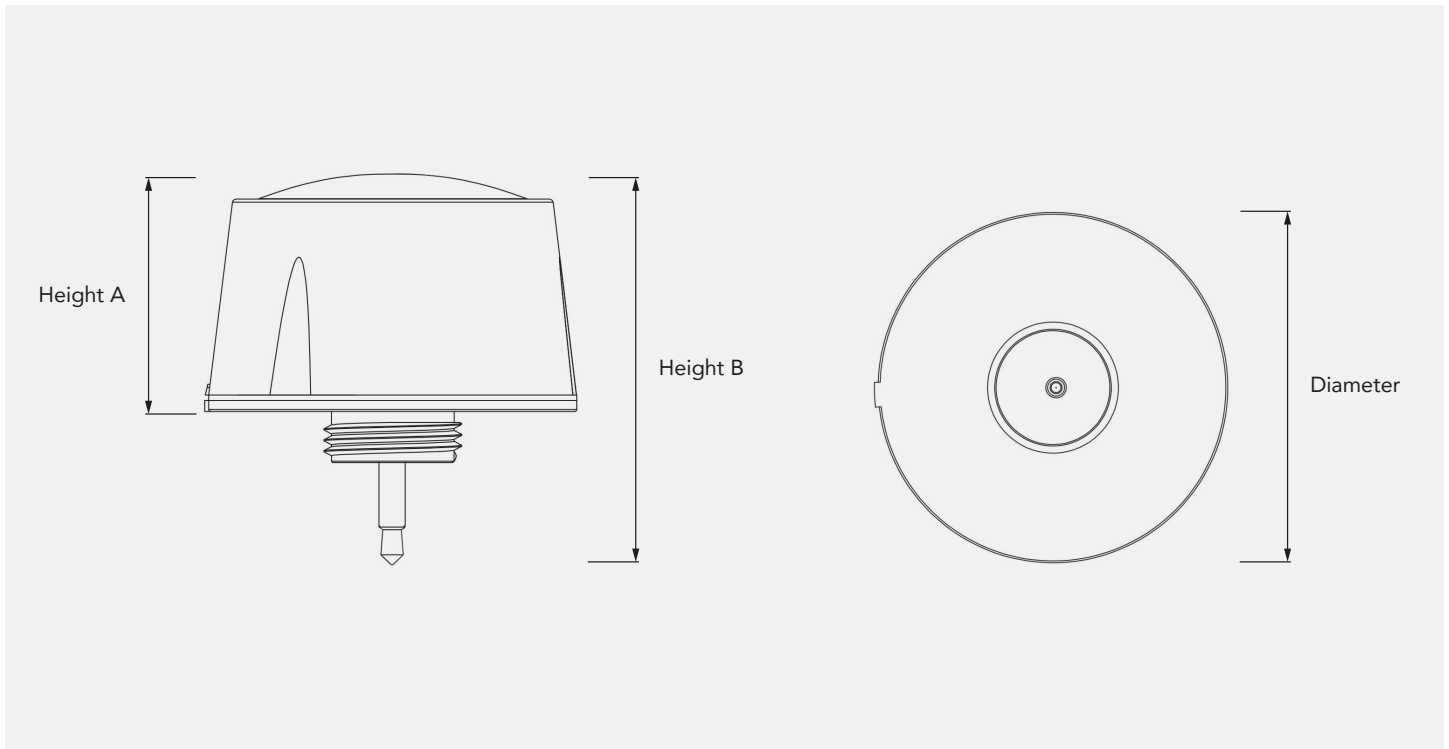
R73005

RENO-REMOTE-H-ECO

Order #	Model #	Description
R73002	RENO-REMOTE-H	Remote Control for Standalone Sensors (With Screen) Note: Only 1 needed per project.
R73005	RENO-REMOTE-H-ECO	Remote Control for Standalone sensors (Without Screen) Note: Only 1 needed per project.

Dimensions

R74004 | Long Detection Range PIR Sensor



Model	Height A	Height B	Diameter
R74004	1.37" (34.9 mm)	2.57" (65.4 mm)	Ø2.1" (54 mm)

Default Settings

- Detection area: 100%
- Holdtime: 10 Mins
- Standby dimming level: 30%
- Standby period: Infinity
- Daylight threshold: 50lux