

Date: _____ Project: _____

Type: _____ Part #: _____

RENO Smart

BLE PIR Fixture-Mounted Smart Controller



The PIR Sensor delivers reliable occupancy-based lighting control with integrated Bluetooth® mesh connectivity for seamless wireless commissioning and enhanced energy efficiency.



Product Features

- BLE/PIR daylight harvesting sensor.
- Connects to a wireless mesh ad hoc network.
- Light sensor maintains constant illumination.
- Single-channel 0–10V dimming.
- Infrared remote control reset function available
- Reno Smart Sensors are programmed/commissioned using our Reno Smart App

Specifications

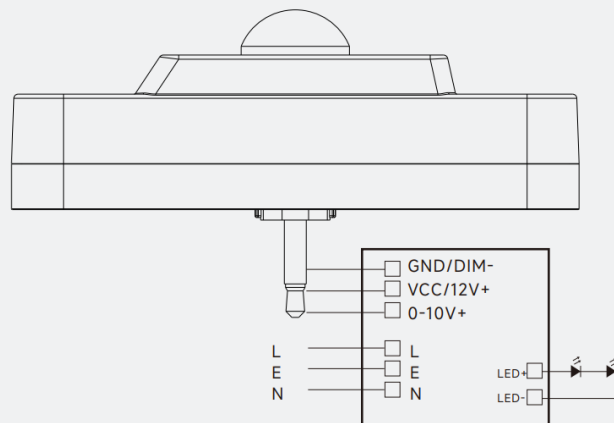
Voltage	DC12V
Frequency	2405~2480MHz
Operating Current	100mA (max)
Rx Sensitivity	-92dB
Photosensitive Range	10-1000Lux
Installation Height	< 20ft or 6m (open environment)
Detection Radius	50m (164 ft)
Installation	2.5mm Jack
Applications	Commercial, Warehouse, Retail Facilities

Specifications

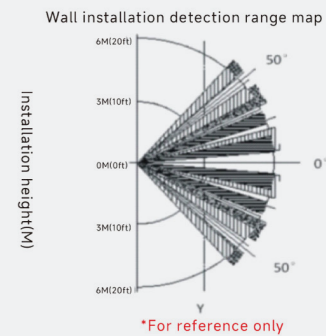
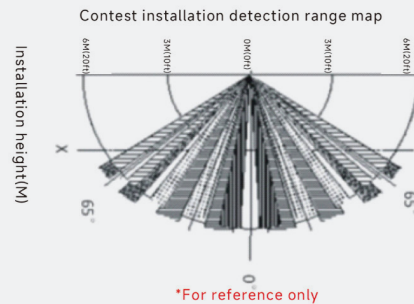
Order #	Model	Detection Radius	Input Voltage
R75005	RENO-RS-JK-2.5MM-PIR-12V	50m (164 ft)	DC12V

Wiring

Diagram

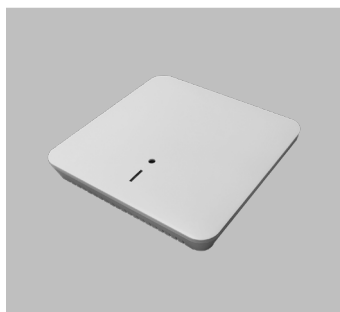


Detection Coverage



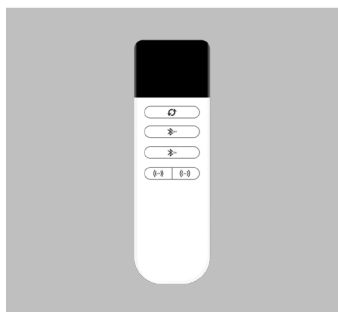
Accessories

RENO SMART NLC System



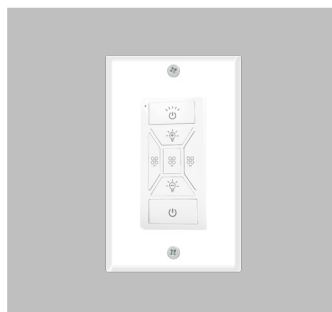
Bluetooth Ceiling mounted gateway

R75201
RENO-RS-GW-BCNW



Bluetooth Reset remote controller

R75301
RENO-RS-RC-BNNN



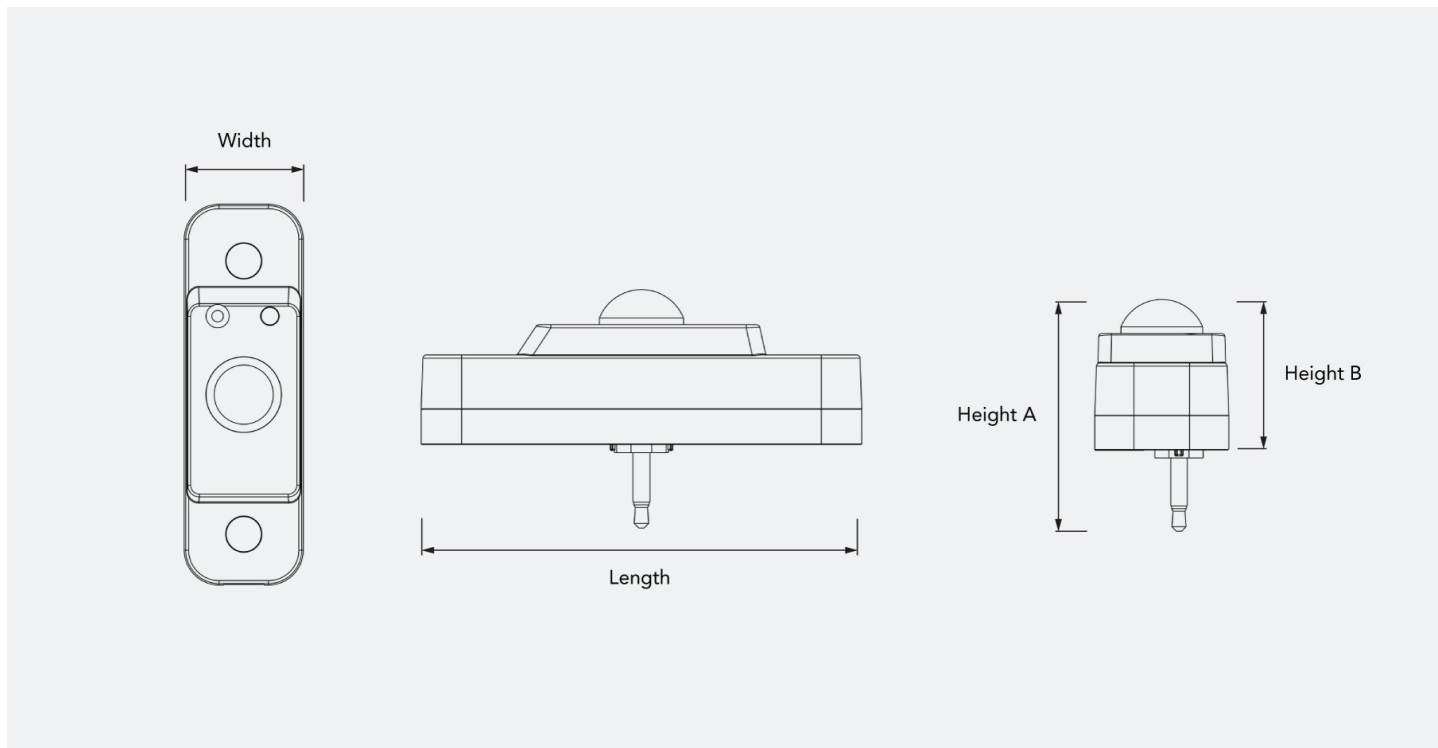
Bluetooth 7-Key Smart Wall Switch

R75302
RENO-RS-RC-BNNG

Order #	Model	Description
R75201	RENO-RS-GW-BCNW	Bluetooth Ceiling mounted gateway
R75301	RENO-RS-RC-BNNN	Bluetooth Reset remote controller
R75302	RENO-RS-RC-BNNG	Bluetooth 7-Key Smart Wall Switch

Dimensions

R75005 | Bluetooth PIR sensor



Model	Length	Width	Height A	Height B	Weight
R75005	65.5mm (2.6")	20.5mm (0.8")	35.4mm (1.4")	23mm(0.9")	30g