



NLC Snap-In PIR Motion Sensor - Bluetooth® Mesh

HIGHLIGHTS

- Snap-in PIR Motion Sensor for Network Lighting Controls (NLC) using SIG Qualified Bluetooth® mesh
- Designed for use with EiKO Snap-in receptacles for quick and easy installation in the field
- The Web App powered by Silviar is used for optional offsite pre-planning which includes setting up areas/grouping/zoning (pre-commissioning not required) and creating profiles (includes setting high and low end trim, occupancy or vacancy, daylight harvesting and time delay)
- No hubs, gateway, or routers are required to make a complete mesh network. The unit can pair with an iOS App to allow initial setup and subsequent adjustments.
- Easily incorporate additional BLE devices like wall/wireless controllers, sensors, fixture controllers, range extenders, and timekeepers
- Over-the-air Firmware upgrade available via iOS App
- A device that is part of EiKO's NLC System

CERTIFICATIONS

- cULus Listed for Damp Locations
- IP20 Rated
- FCC Compliant
- RoHS Compliant

PERFORMANCE

- Onboard Omnidirectional Antenna
- Operational frequency: 2.4 GHz - 2.483 GHz
- Communication range of Max 65ft*
- 360° Coverage Pattern
- Continuous and Bi-Level Dimming

ELECTRICAL

- Input voltage: 12-24VDC
- Input current: 50mA
- 0-10V Dimming

THERMAL

- 32°F to 113°F (-0°C to 45°C) operating temperature

CONSTRUCTION

- White plastic housing
- Snap-in installation

COMPATIBILITY

- Fixtures: CSX1, CSXR1, VL1, and VLR1; Factory MOD: VOLR and STR

WARRANTY

- 5-Year limited warranty available [online](#). Contact your EiKO sales rep for additional details.

AVAILABLE MODEL

ORDER CODE	ITEM #	INPUT VOLTAGE	SENSOR TECHNOLOGY	DAYLIGHT HARVESTING	WIRELESS TECHNOLOGY	DIMMING	MOUNTING HEIGHT	COMMUNICATION RANGE*	INSTALLATION TYPE
13245	SENA-WHPA	12-24VDC	PIR	Yes	Bluetooth® SIG Mesh	0-10V	8 - 12ft	Max 65ft	Snap-in

* Communication range highly depends on the integrated fixtures, surrounding environment, and conditions. It is recommended to conduct testing in each unique application for range accuracy.

project name	type
catalog number	voltage
approved by	date



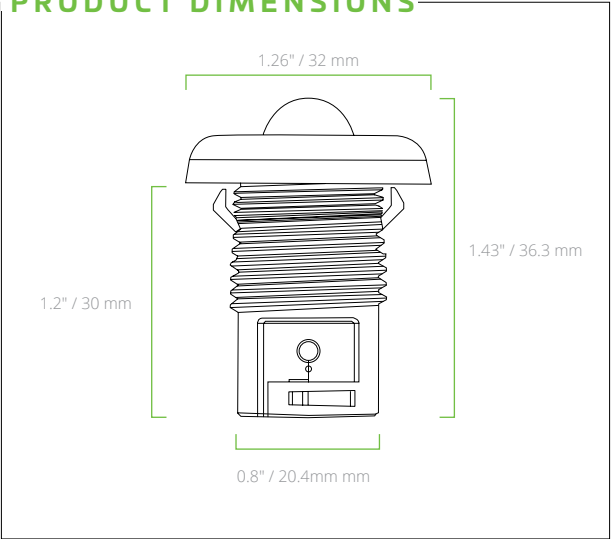
APPLICATIONS

- Offices
- Classrooms
- Restrooms
- Hallways
- Storage Rooms

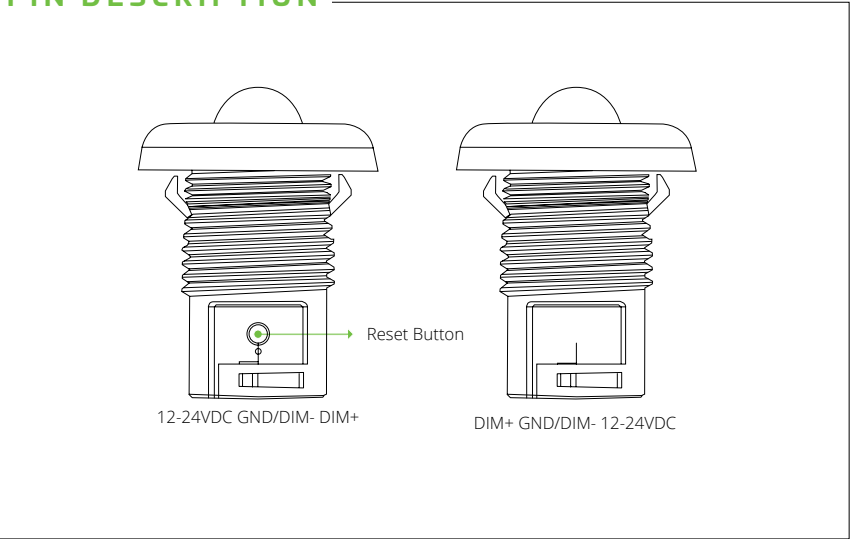
COMPATIBLE NETWORKED LIGHTING (BLE) DEVICES

ORDER CODE	ITEM #	DESCRIPTION
12635	PSC-DM-WS-100-BLE-SR	BLE TruBlu 120-277V, Single Gang Single Button Wall Controller, White, Parameters set by Silvair App.
12636	PSC-DM-I-WS-100-BLE-SR	BLE TruBlu PIR Occupancy/ Vacancy Sensor, 120-277V, Single Gang Wall Controller, White, Parameters set by Silvair App.
12637	PSC-DM-WS-400-BLE-SR	BLE TruBlu 120-277V, Single Gang 4-Button Wall Controller, White, Parameters set by Silvair App.
12654	ESRPB-W-EO	BLE Easyfit by EnOcean wireless self-powered kinetic Single rocker pad, white, wall plate included.
12655	EDRPB-W-EO	BLE Easyfit by EnOcean wireless self-powered kinetic Double rocker pad, white, wall plate included.
12994	PSC-RET-100-BLE-SR	BLE TruBlu Range Extender 120-277V 800ft Nema 4x Outdoor Enclosure
12933	PSC-TKP-200-BLE-SR	BLE TruBlu Battery Backup Timekeeper and Range Extender, 120V, 800ft, Nema 4X Outdoor Enclosure

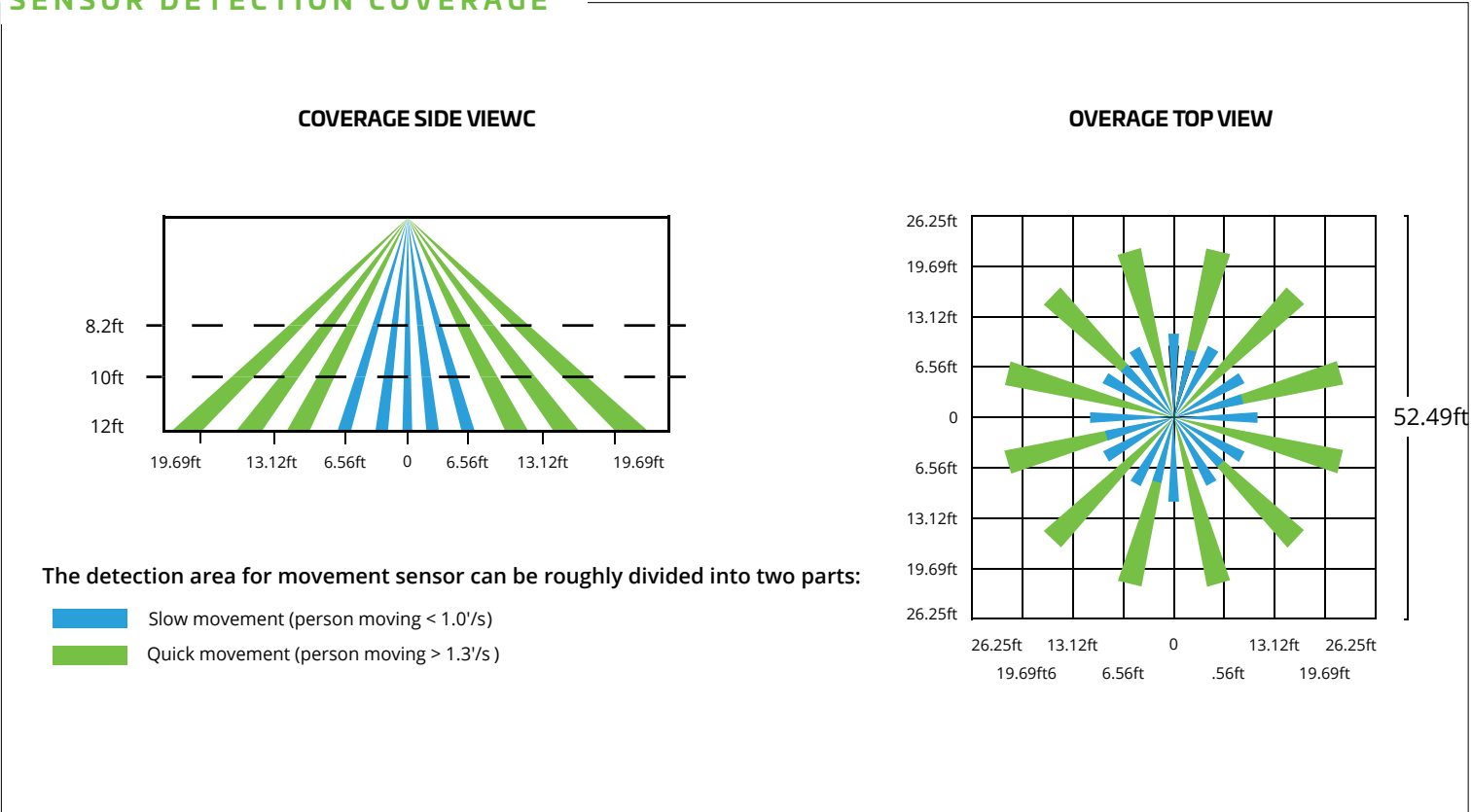
PRODUCT DIMENSIONS



PIN DESCRIPTION

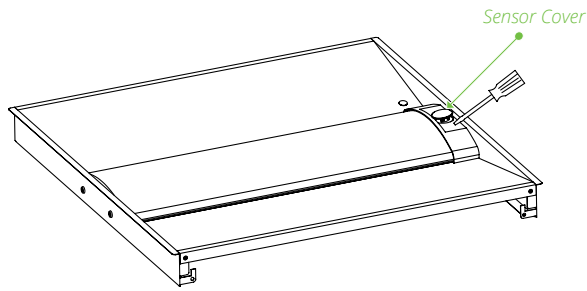


SENSOR DETECTION COVERAGE

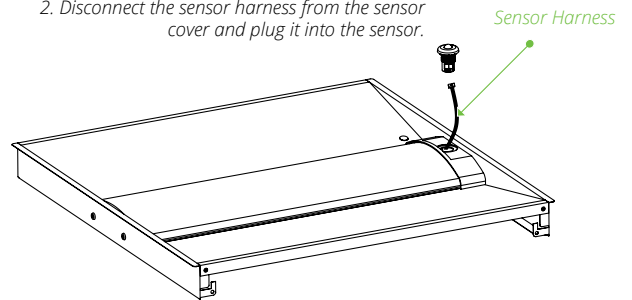


INSTALLATION INSTRUCTIONS

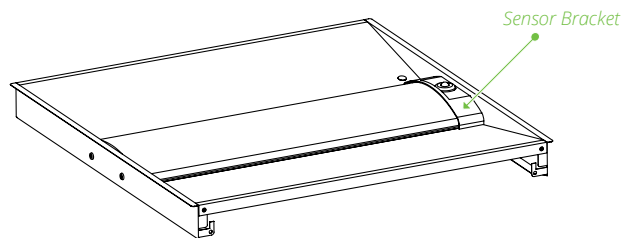
1. Take a flat head screwdriver and gently pry open the sensor cover.



2. Disconnect the sensor harness from the sensor cover and plug it into the sensor.



3. Align the sensor with the sensor bracket and firmly push the sensor in place until it snaps securely.



PAIRING AND COMMISSIONING:

Please refer to the Silvar Commissioning User Manual for pairing and commissioning instructions. Download it at https://silvar-documents.s3.eu-west-1.amazonaws.com/SN-200_Silvar_Commissioning_user_manual.pdf or scan the QR code below.



To access Silvar apps.

Mobile App: Silvar on the App Store



Web App: platform.silvar.com



RESETTING A PAIRED SENSOR:

1. Place Magnet or Press Reset Key: With the sensor powered on, place a strong magnet on the top of the sensor or press and hold the reset key located behind the sensor for about 5 seconds.
2. Confirm Reset: The LED Fixture will blink twice, indicating the sensor has been successfully reset.