EiKO®

project name		type	
catalog number		voltage	
approved by		date	

NLC

Z10 Twist Lock Wireless PIR Motion Sensor – Bluetooth® Mesh

HIGHLIGHTS

- Z10 Twist Lock Wireless PIR Motion Sensor for Network Lighting Controls (NLC) using SIG Qualified Bluetooth® mesh
- Designed for use with EiKO Z10 receptacles for quick and easy twist lock installation in the field
- The free iOS App powered by Silvair is used for onsite commissioning which includes setting up areas/grouping/zoning, creating profiles which includes setting high and low end trim, occupancy or vacancy, daylight harvesting, time delay, as well as personal control
- 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 the Silvair 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

- cETLus Listed for Wet Locations
- IP65 Rated
- FCC Compliant
- RoHS Compliant

PERFORMANCE

- Onboard Omnidirectional Antenna
- Operational frequency: 2.4 GHz - 2.483 GHz
- Mounting Height: 20-40ft
- Communication Range: up to 200ft*
- Continuous and Bi-Level Dimming

ELECTRICAL

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

THERMAL
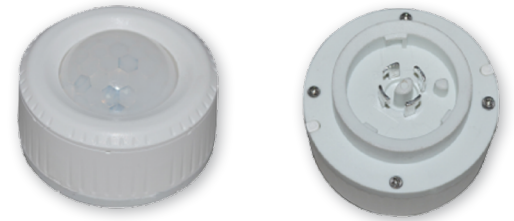
- -4°F to 140°F (-20°C to 60°C) operating temperature

CONSTRUCTION

- High strength, UV resistant white plastic housing
- Z10 twist lock installation

WARRANTY

- 5-Year limited warranty available online. Contact your EiKO sales rep for additional details.

APPLICATIONS

- Warehouses
- Parking Garages
- Parking Lots
- Car Dealerships
- Soccer Fields
- Parking Lots

AVAILABLE MODEL

ORDER CODE	ITEM #	INPUT VOLTAGE	SENSOR TECHNOLOGY	DAYLIGHT HARVESTING	WIRELESS TECHNOLOGY	DIMMING	MOUNTING HEIGHT	COMMUNICATION RANGE*	INSTALLATION TYPE
13246	SENA-WZPA-WH	12-24VDC	PIR	Yes	Bluetooth® SIG Mesh	0-10V	20-40ft	200ft	Z10, twist lock

Communication range highly depends on the intergrated fixtures, surrounding environment, and conditions. It is recommended to conduct testing in each unique application for range accuracy.
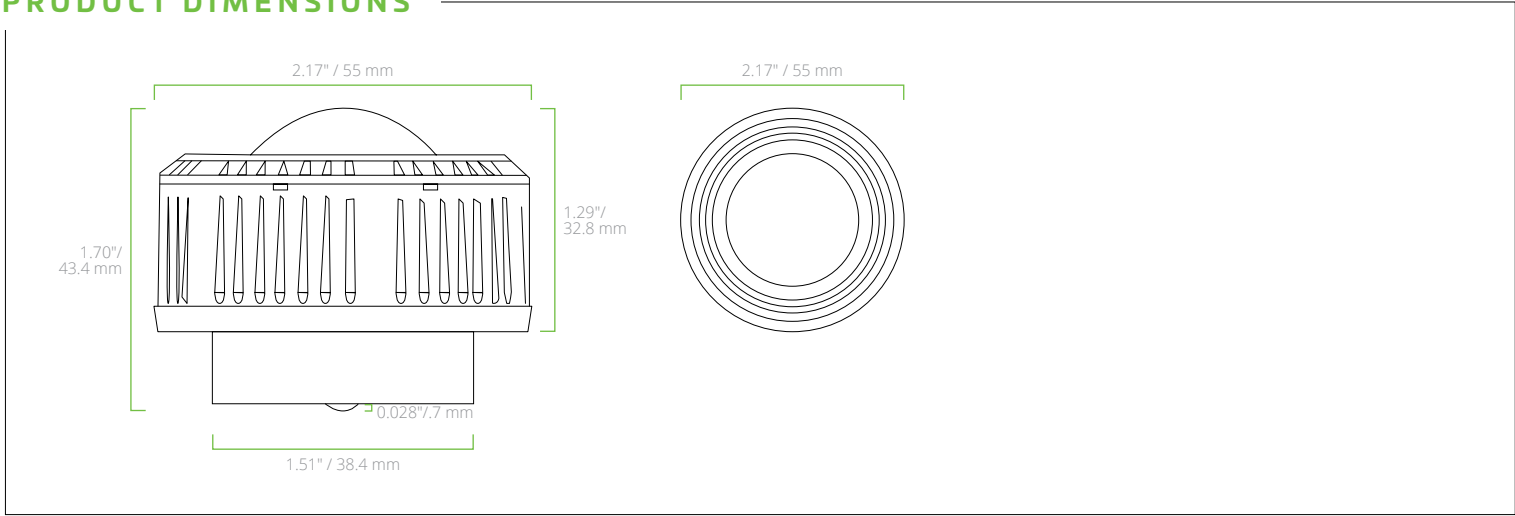
eiko.com
Rev. 02/02/23

ACCESSORIES

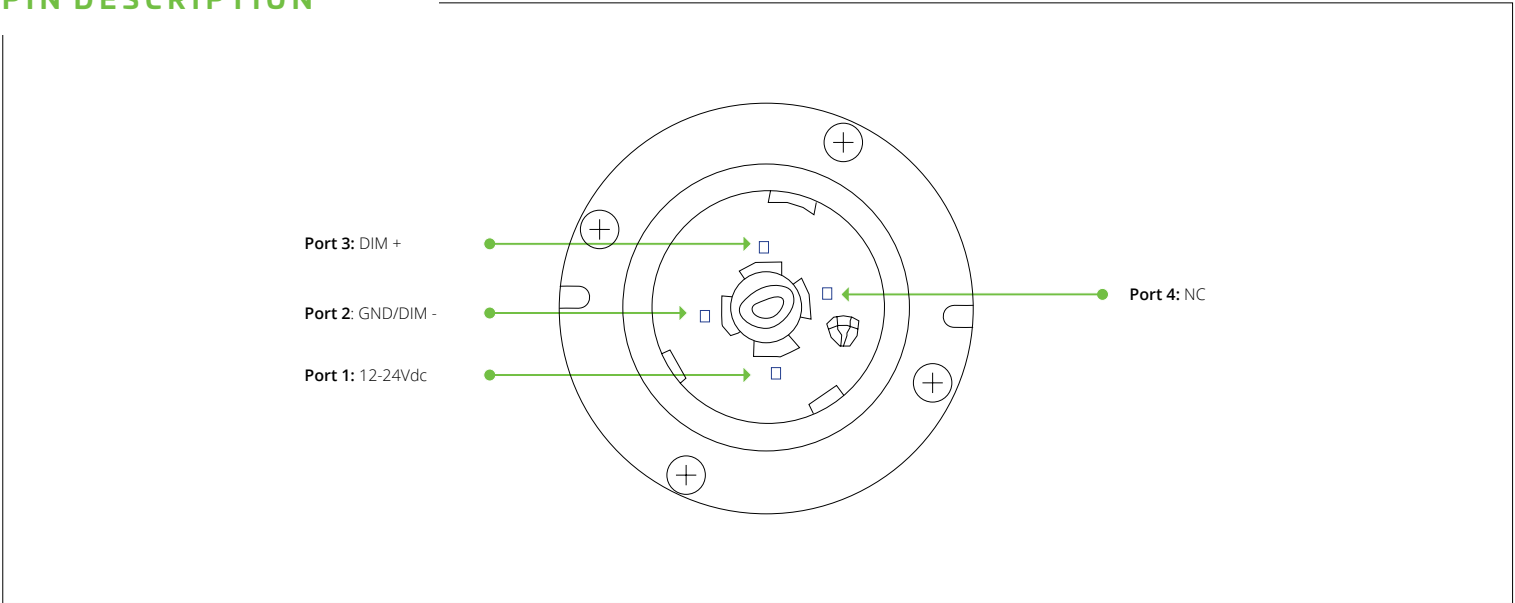| ORDER CODE	ITEM #	DESCRIPTION
13467	SENA-APZ-WH	Z10 Adaptor 1/2" Screw-in Spring Load Pins to Z10 Receptacle, IP65 (White)
13343	SEN-AZ-WH	Z10 Stem & Swivel Mount Adaptor, IP65 (White)

COMPATIBLE BLE DEVICES

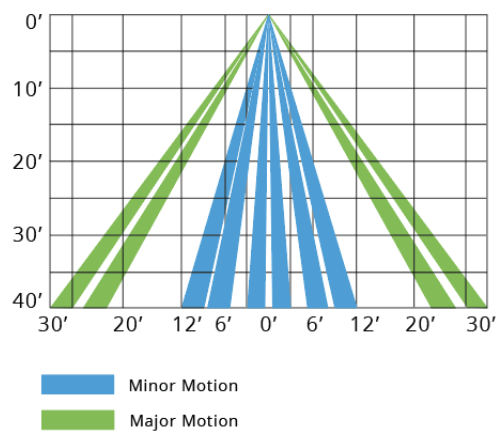| ORDER CODE	ITEM #	DESCRIPTION
12635	PSC-DM-WS-100-BLE-SR	BLE TruBlu Single Button Bluetooth Mesh Wall Controller 120-277V White
12636	PSC-DM-I-WS-100-BLE-SR	BLE TruBlu Wireless Occupancy or Vacancy Sensor Dimming Wall Controller 120-277V White
12637	PSC-DM-WS-400-BLE-SR	BLE TruBlu 4-Button Wireless Bluetooth Mesh Wall Controller 120-277V White
12654	ESRPB-W-EO	BLE Easyfit by EnOcean Single Rocker Pad Wireless Controller Self-powered White
12655	EDRPB-W-EO	BLE Easyfit by EnOcean Double Rocker Pad Wireless Controller Self-powered White
12994	PSC-RET-100-BLE-SR	BLE TruBlu Range Extender 120-277V 800ft Nema 4x Outdoor Enclosure
12993	PSC-TKP-200-BLE-SR	BLE TruBlu Battery backup Timekeeper and Range Extender 120V 800ft Nema 4x Outdoor Enclosure
12634	PSC-WCM-450-BLE-SR	BLE TruBlu Wireless Control Module 0-10V dimming 12V AUX 300mA 120-277V 16A 100ft

PRODUCT DIMENSIONS

PIN DESCRIPTION

Port 3: DIM +

Port 2: GND/DIM -

Port 1: 12-24Vdc

Port 4: NC

SENSOR DETECTION COVERAGE

COVERAGE SIDE VIEW

- **Minor Motion**
- **Major Motion**

COVERAGE TOP VIEW

60 ft

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