



project name	type
catalog number	voltage
approved by	date

SEN STAND-ALONE: OVAL SNAP-IN PIR MOTION SENSOR

Stand-alone Oval Snap-In PIR lighting sensor with integrated occupancy and daylight control, featuring plug-and-play compatibility with EiKO controls-ready panels for efficient, responsive lighting management.



FEATURES AND BENEFITS

STAND-ALONE CONTROL:

Provides energy-efficient lighting management through integrated motion detection and daylight harvesting to enhance comfort, performance, and energy savings.

CONTROLS-READY INTEGRATION:

Designed for EiKO controls-ready panels, including BP1-CRO flat panels, allowing effortless plug-and-play installation and seamless smart lighting upgrades.

PRECISION OCCUPANCY & DAYLIGHT SENSING:

360° PIR bi-level sensing detects both major and minor motion, while dual ambient/daylight sensors ensure accurate light level adjustment under varying natural and artificial lighting conditions

CONFIGURABLE OPERATION:

Field-adjustable settings for brightness (high-end trim), dim level, sensitivity, hold time, and fade time provide precise control customization. Occupancy detection can be disabled for photocell-only operation.

SMOOTH, RELIABLE DIMMING:

Supports 0–10 V dimming for gradual transitions and consistent performance across mounting heights up to 12 ft and variable temperatures.

QUICK, MAINTENANCE-FRIENDLY SETUP:

Snap-in, field-installable design simplifies installation and commissioning. Remote configuration capability reduces setup time and ongoing maintenance.

SPECIFICATIONS & CERTIFICATIONS

PERFORMANCE:

- Recommended Mounting Height: 8–12 ft
- 360° Coverage Pattern

SENSOR DEFAULT SETTINGS

- Brightness: 100%
- Sensitivity: 75%
- Hold Time: 10 minutes
- Daylight Function: Disable
- Dim level: 30%
- Dim Time: 1 minute

(For custom settings, purchase SEN5A-ACT Commissioning Tool)

ELECTRICAL:

- Input Voltage: 10-14VDC
- Input Current: 50 mA
- Dimming Interface: 0–10 V
- Remote Control: [SEN5A-ACT](#) (sold separately)

THERMAL:

- Operating Temperature: -4°F to 140°F (-20°C to 60°C)

CONSTRUCTION:

- Snap-in field installation
- IP20 Rated

CERTIFICATIONS:

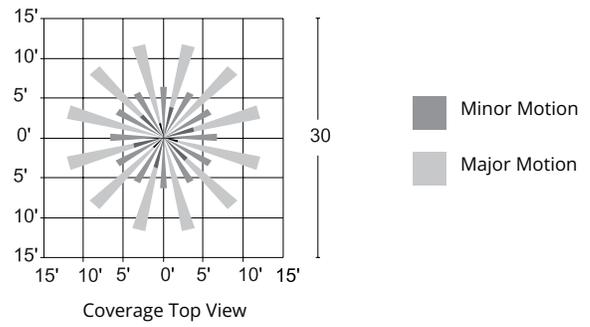
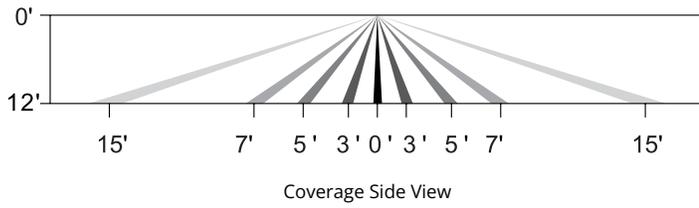
- UL Listed (U.S. & Canada)
- RoHS Compliant
- Rated for Damp Locations

WARRANTY:

- [5-Year Limited Warranty](#)
- Contact your EiKO sales representative for more information

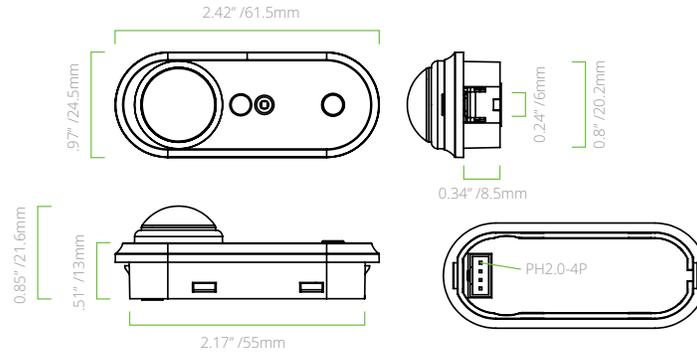
ORDER CODE	NAME	DESCRIPTION	VOLTAGE (V)	MOUNTING HEIGHT	REMOTE CONTROL
16301	SEN-SOSI-PIR-R	Stand-alone PIR Sensor (RF Remote)	10-14VDC	12ft max	SEN5A-ACT

SENSOR DETECTION COVERAGE



Note: For the best performance, it is recommended to mount the sensor between 8-12ft in height. Low mounting can result in narrow detection coverage, while mounting the sensor higher than 20ft may limit detection coverage to only the sensor center cone area.

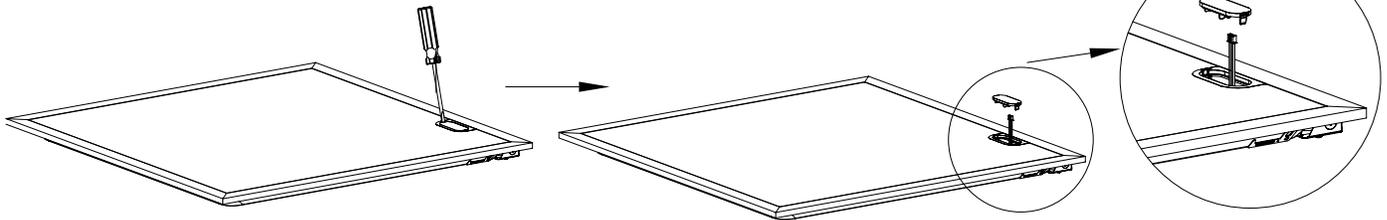
PRODUCT DIMENSIONS



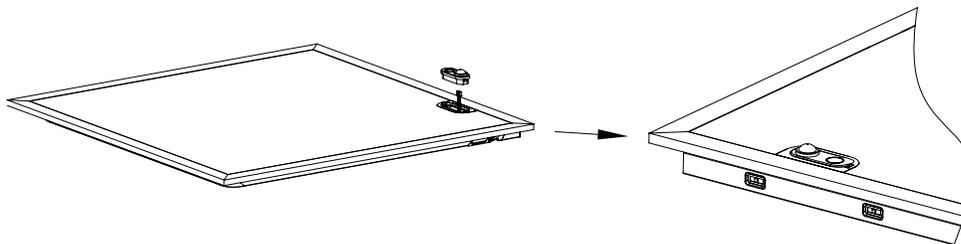
INSTALLATION INSTRUCTIONS

CONTROLS READY SNAP-IN INSTALLATION

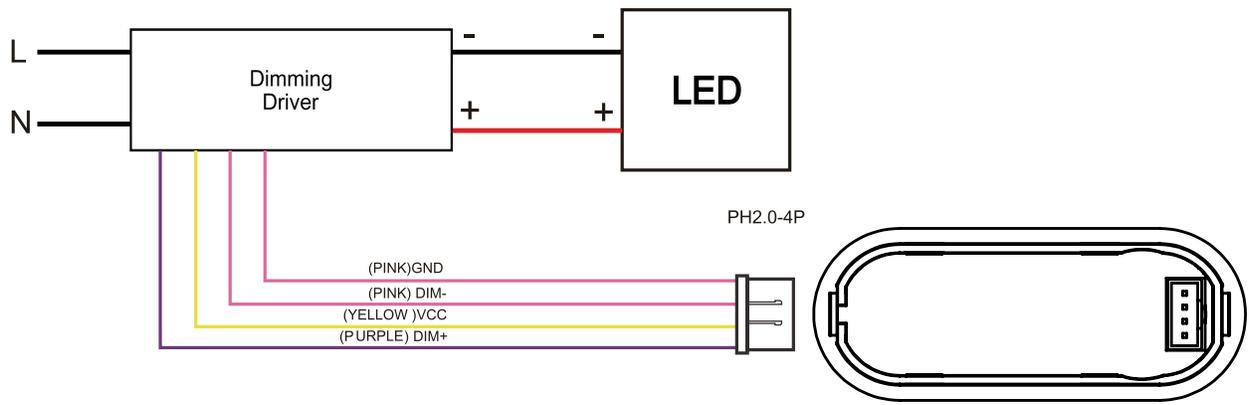
- 1 Remove and discard the plastic cover, taking care not to pull the sensor terminal wire out too far



- 2 Attach the quick connector to the sensor then insert the sensor into the receptacle.



WIRING DIAGRAM



COMMISSIONING:

Please refer to the SEN5A-ACT User Manual for commissioning instructions. [Download it here.](#)

Looking for Commissioning Instructions? Use QR Code below or [Download it here.](#)

