project name	type
catalog number	voltage
approved by	date

SEN Push-in Behind the Lens Microwave Sensor: Stand-alone

HIGHLIGHTS

- Push-in behind the lens stand-alone microwave sensor; see below for fixture compatibility
- Features microwave technology; used for automatically turning the lights on when occupancy is detected and off when there is no occupancy detected
- Field adjustable settings included: brightness (high-end trim), dim level, sensitivity, hold time, and dim time for customized lighting control
- Dual ambient and daylight sensing technology improves accuracy in outdoor applications when the sensor is within the range of artificial light emitted from the fixture, resulting in a more energy-efficient and reliable lighting system
- Daylight harvesting for energy efficiency*
- Occupancy detection can be disabled, and the sensor can function as a photocell alone
- Photocell function can be used as traditional dusk-to-dawn or two-stage dimming/ midnight dimming
- Supports maintenance-friendly features such as remote commissioning

CERTIFICATIONS

- UL listed for US & Canada
- RoHS Compliant

PERFORMANCE

- Mounting Height: 8-20ft
- 360° Coverage Pattern

ELECTRICAL

- Input voltage: 12-14VDC
- 0-10V dimming bi-level dimming
- Input current: 50mA
- Remote control: SEN5A-ACT (purchased separately)

THERMAL

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

CONSTRUCTION

- White polycarbonate housing
- Push-in installation
- 16 inches of input wires

COMPATIBILITY

- Fixtures: CST1, CSX1, CSXR1, and VP3

FACTORY DEFAULT SETTING

- Sensitivity: 100%
- Hold Time: 5 minutes
- Daylight Function: Disable
- Dim level: 30%
- Dim Time: 60 minutes

WARRANTY

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

APPLICATIONS

- Warehouses
- Manufacturing Plants
- Distribution Centers
- Grocery Stores
- Indoor Recreational Facilities
- Service Repair Centers
- Big Box Retail

KEY FEATURES

PUSH-IN BEHIND THE LENS DESIGN

Makes adding a stand-alone control solution simple and easy; to be used with fixtures that can accomodate a behind the lens sensor

EASILY CHANGE FACTORY DEFAULT SETTINGS

Simply use the commissioning tool (purchased separately) to change brightness (high-end trim), dim level, sensitivity, hold time, and dim time; once you have your settings locked into the commissioning tool then aim at each sensor individually to program

SENSOR CUSTOMIZATION

Dual ambient and daylight sensing technology featuring daylight harvesting, occupancy detection or photocell alone. Photocell function can be used as a traditional dusk-to-dawn or two-stage dimming/midnight dimming.

DUAL AMBIENT AND DAYLIGHT SENSING

CHANGE SETTINGS VIA COMMISSIONING TOOL (ORDERED SEPARATELY)

PUSH-IN BEHIND THE LENS STAND-ALONE CONTROL SOLUTION

*** For detailed instructions on how to configure the daylight harvesting setting, please refer to the SEN5A-ACT Operation Instructions.**

AVAILABLE MODELS

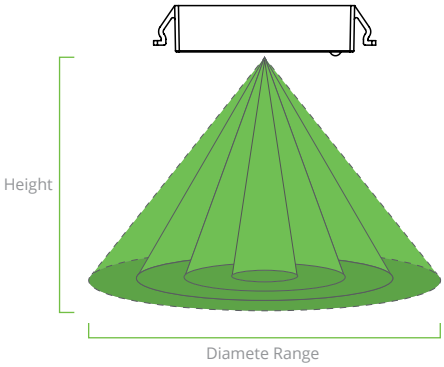
ORDER CODE	ITEM #	INPUT VOLTAGE	SENSOR TECHNOLOGY	DAYLIGHT HARVESTING	DIMMING	MOUNTING HEIGHT	INSTALLATION TYPE
13696	SENA-SHMR	12-14VCD	Microwave	Yes	0-10V	8-20ft	Push-in

ACCESSORIES

ORDER	ORDER CODE	ITEM #	DESCRIPTION
	13344	SEN5A-ACT*	Commissioning Tool for SEN5A, BAY-E-SEN/PIR, BAY-E-SEN/M, and MS2-DPX-3 (Backward compatible with SEN5A/CT and RC-100)

** Commissioning tool required for making changes to factory default settings.*

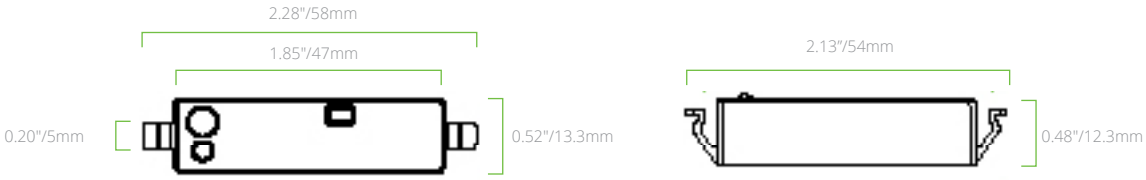
SENSOR DETECTION COVERAGE



HEIGHT	DIAMETER RANGE (D)			
H (FT)	SENSITIVITY 100% (FT)	SENSITIVITY 75% (FT)	SENSITIVITY 50% (FT)	SENSITIVITY 25% (FT)
20	15	15	10	0
12	25	25	10	5
8	20	15	10	5

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 the detection coverage to only the sensor center cone area.*
Warning: *The microwave sensor must be installed on stable and immovable fixtures and is not recommended for chain/cable-mounted fixtures, as even slight swings can trigger the sensor.*

PRODUCT DIMENSIONS



WIRING DIAGRAMS