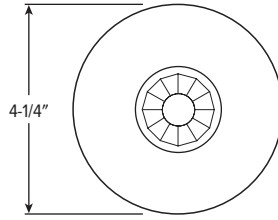# PIR SENSOR
CEILING MOUNT

ESPEN TECHNOLOGY™

CATALOG #: _____

Type: _____

PROJECT: _____

4-1/4"

ORDERING EXAMPLE: AVI-KIT-SEN-ICM

AVI-KIT-SEN-ICM   PIR motion and photocell sensor with 12-24V power supply for junction box

FEATURES

- Avi-on Bluetooth® mesh control
- Sensor uses digital PIR Motion Detection Architecture and Quad Element passive infrared (PIR) technology for accurate detection coverage.
- Programmable via Bluetooth® wireless enabled app.
- Easily adjust sensor parameters such as time delay, dim level, sensitivity, ambient light level, and mode scheduling.

SYSTEM REQUIREMENTS

- ESPEN fixtures with Avi-on wireless control
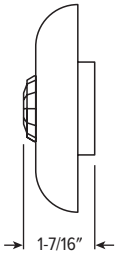- Desktop & mobile apps

SPECIFICATIONS

- FINISH – White
- MOUNTING HEIGHT – 8' to 12'
- DETECTION ANGLE – 360°
- TEMPERATURE RANGE – -22°F to 158°F (-30°C to 70°C)
- RELATIVE HUMIDITY – 90-95% at 30°C
- IP RATING – IP20
- ELECTRICAL – 120-277v to 12v
- MOUNTING – Ceiling
- LISTINGS –
  - The Avi-on Lighting Control Platform is a DesignLights Consortium® NLC qualified product.
  - Class 2 Device designed to comply with CA Title 24, IECC, IgCC and ASHRAE requirements.

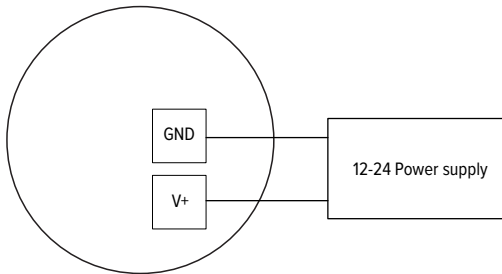**avi-on®** Bluetooth® Lighting Controls

DLC LISTED

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DETAILS

SIDE VIEW

1-7/16"

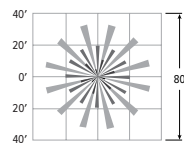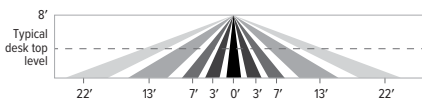### WIRING DIAGRAM

GND

V+

12-24 Power supply

WARNING

- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Make sure all electrical power is turned off while installing.
- This must be adequately grounded for protection against shock hazards and to assure proper operation.
- Disconnect power before servicing.

SENSOR COVERAGE PATTERN

8' height: ø44' coverage

8'
Typical desk top level

22' 13' 7' 3' 0' 3' 7' 13' 22'

40' 20' 0' 20' 40'

80'

ESPEN® TECHNOLOGY

- 12257 Florence Ave.
  Santa Fe Springs, CA 90670
- (562) 529-2938

Controls
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