DUAL TECH SENSOR
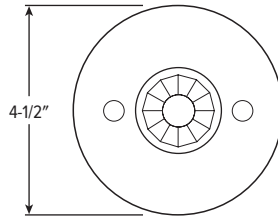## CEILING MOUNT

4-1/2″

CATALOG #: _____

Type: _____

PROJECT: _____

ORDERING EXAMPLE: AVI-KIT-SEN-DUCM

AVI-KIT-SEN-DUCM   PIR motion and ultrasonic sensor with 12-24V power supply and sensor input adapter for junction box. Kit includes 12/24V PS and SIM (sensor input module).

FEATURES

- Avi-on Bluetooth® mesh control
- Sensor uses dual technology PIR and ultrasonic detection methods, providing improved performance in areas where a PIR sensor alone will not suffice.
- Quick installation with factory presets.
- Programmable via Bluetooth® wireless enabled app and via manual adjustments on the sensor.
- Adjust sensor parameters such as trigger mode, time delay and sensitivity.

SYSTEM REQUIREMENTS

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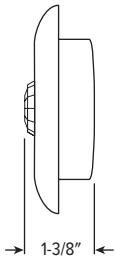- Desktop & mobile apps

SPECIFICATIONS

- FINISH – White
- MOUNTING HEIGHT – 8′ to 10′ optimal
- DETECTION ANGLE – 360°
- TEMPERATURE RANGE – 32°F to 131°F (0°C to 55°C)
- RELATIVE HUMIDITY – 95% non-condensing
- IP RATING – IP20
- ELECTRICAL – 120-277v to 12v
- MOUNTING – Ceiling
- LISTINGS –
  - The Avi-on Lighting Control Platform is a DesignLights Consortium® NLC qualified product.
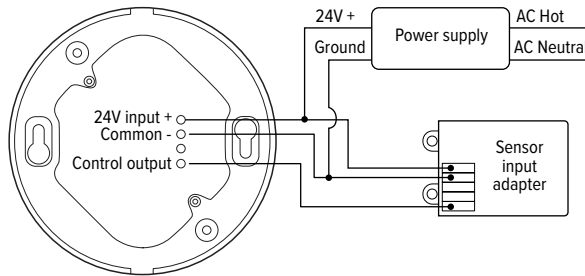 - Class 2 Device designed to comply with CA Title 24, IECC, IgCC and ASHRAE requirements.

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DETAILS

SIDE VIEW

1-3/8″

WIRING DIAGRAM

24V input +
Common -
Control output

24V +
Ground
Power supply
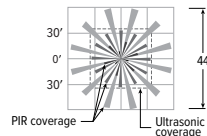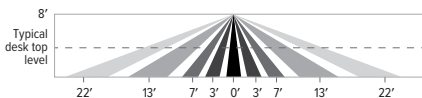AC Hot
AC Neutral

Sensor input adapter

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′

30′
0′
30′
44′
PIR coverage
Ultrasonic coverage