ESL VISION

Overview:

The ESL Vision ESL-ISS-MSEN-03 is a network-capable PIR occupancy and daylight harvesting sensor designed for quick installation into our IntelliSense™ quick connect high bay lighting fixtures. With this sensor installed, the fixture becomes network-capable, allowing for powerful grouping with other fixtures and controls.

Project: _____ **Date:** _____

Catalog #: _____

Notes: _____

Key Features & Benefits:

- PIR Occupancy Sensing
- Daylight Harvesting
- Bluetooth Network Lighting Controls
- Wireless Commisioning
- Wireless Zoning/Grouping
- High & Low Trim Capable
- LLLC Capable

Product Specifications:

INPUT
Input Voltage: 12 VDC
Input Current: 50mA Max
Input Power: 0.6W
Dimming: Class 2, 0–10 VDC, 10mA Max
Sinking Current: 10mA Max

OUTPUT
Output Voltage: 10 VDC
Output Current: 10mA Max
Output Power: 0.1W

ENVIRONMENT
Housing Material: UL 94-5VA Plastic
Location of Use: Indoor/Outdoor Use
Detection Range: 40–80 Feet Max
Mounting Height: 20–40 Feet
Bluetooth Transmit Range: 100 Feet Max
Radio Frequency: 2.4GHz ± 75MHz
Operating Temperature: -22°F to 131°F (-30°C to 55°C)
Storage Temperature: -22°F to 185°F (-30°C to 85°C)
IP Rating: IP40

CERTIFICATIONS
Compliance: UL8750
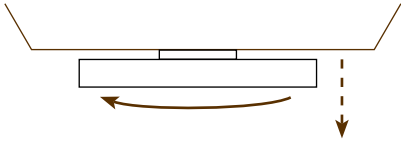Bluetooth Version: 4.2
Warranty: 5 Years

MULTISENSE™

5 YEAR WARRANTY · DLC LISTED · UL CERTIFIED · FC · DIMMABLE 0–10V · IP40 RATING · NETWORKED LIGHTING CONTROLS

Ordering Guide:

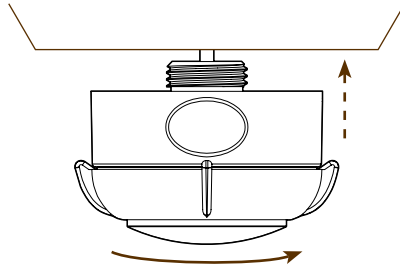| ESL	-	FAMILY	-	TYPE	-	MODEL
ESL	-	ISS	-	MSEN	-	03
		(ISS) IntelliSense™ Series		(MSEN) MultiSense™		(03) Highbay Sensor

Catalog Data:

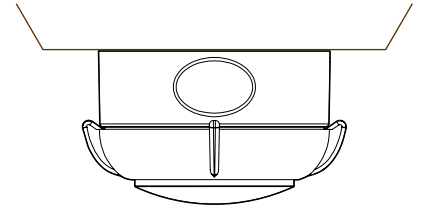| ITEM #	DESCRIPTION
ESL-ISS-MSEN-03	MultiSense™ – plug in sensor 3.5mm audio jack networked PIR occupancy and daylight harvesting sensor

Installation:

1 Remove IntelliSense™ receptacle cap by rotating counter-clockwise.
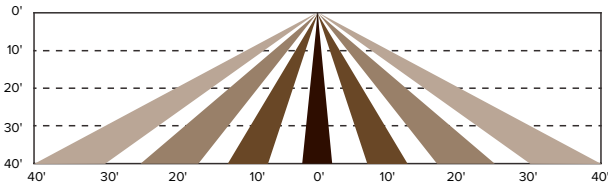
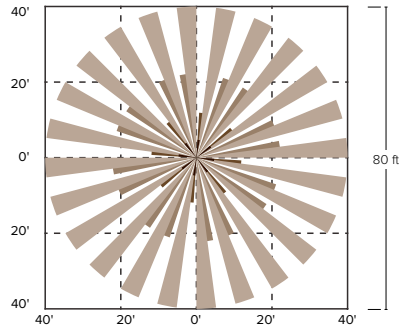**2** Plug in the sensor and rotate clockwise to secure in place.

3 Program the desired settings using the IntelliSense™ app. The app is downloadable from the Google Play Store for Android, and the Apple App Store for iOS.
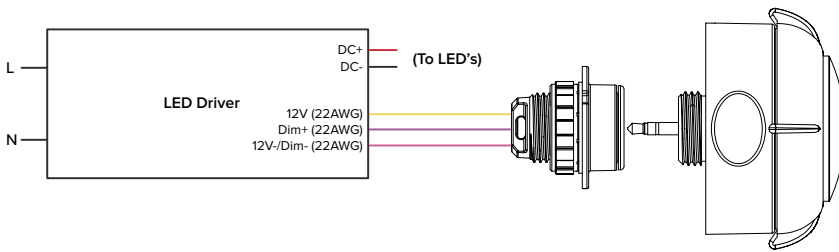
Coverage:

Side View Coverage

Top View Coverage

Wiring Diagram:

LED Driver

L

N

DC+
DC-   **(To LED's)**

12V (22AWG)
Dim+ (22AWG)
12V-/Dim- (22AWG)

Dimensions:

IntelliSense™ High Bay Sensors
ESL-ISS-MSEN-03

1.51"
2.36"
0.85"

Ø2.28"
2.60"
1.02"

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