Overview:

The ESL Vision ESL-ISS-MSEN-01 is a network-capable PIR occupancy and daylight harvesting sensor designed for quick installation into our IntelliSense™ quick connect lighting fixtures. With this sensor installed, the fixture becomes network-capable, allowing for powerful grouping with other fixtures and controls.

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: 0.3W
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
Detection Range: 40 Feet Max
Mounting Height: 18 Feet Max
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: IP20

CERTIFICATIONS
Compliance: UL8750
Bluetooth Version: 5.0
Warranty: 5 Years

Project: _____   **Date:** _____

Catalog #: _____

Notes: _____

Ordering Guide:

ESL	-	FAMILY	-	TYPE	-	MODEL
ESL	-	ISS	-	MSEN	-	01
		(ISS) IntelliSense™ Series		(MSEN) MultiSense™		(01) Highbay Sensor

Catalog Data:

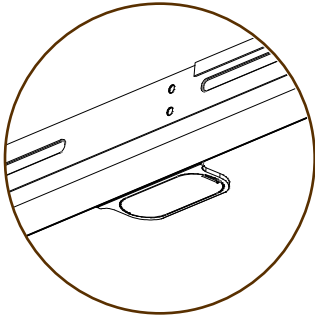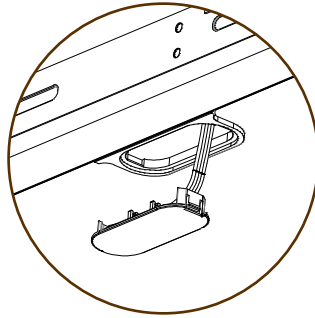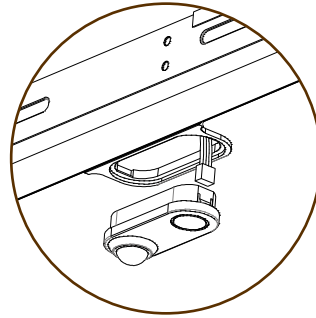| ITEM #	DESCRIPTION
ESL-ISS-MSEN-01	MultiSense™ – Plug and Play 3 Wire networked PIR occupancy and daylight harvesting sensor
ESL-ISS-SSEN-01	SoloSense™ – Plug and Play 3 Wire PIR occupancy and daylight harvesting sensor

Installation:

Fig. 1
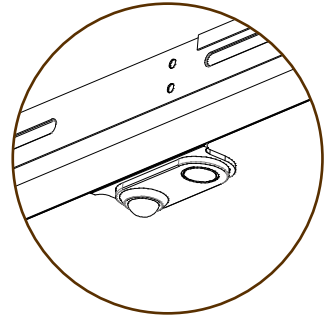
1 Remove the sensor plate from fixtures rim.

Fig. 2

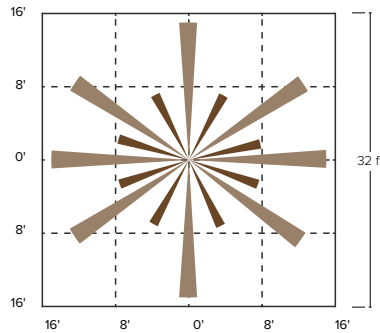**2** Remove the flat cable from the back of the plate.

Fig. 3

3 Insert the cable terminals into the approved sensor.

Fig. 4

4 Snap the sensor into the fixture securely.

Coverage:
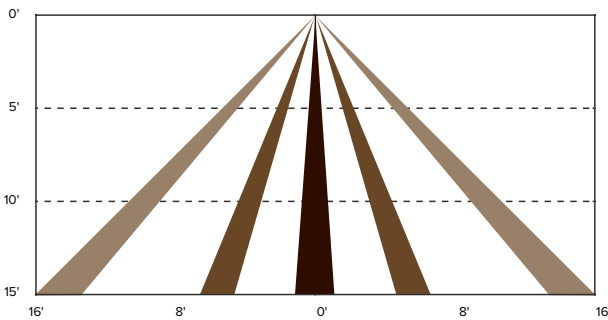
Side View Coverage

Top View Coverage

Wiring Diagram:

LIVE (Black)

Neutral (White)

LED Driver

LOAD

Dim+ (Purple/22AWG)
12V+ (Yellow/22AWG)
Dim-/12V- (Pink/22AWG)

Reset
LED
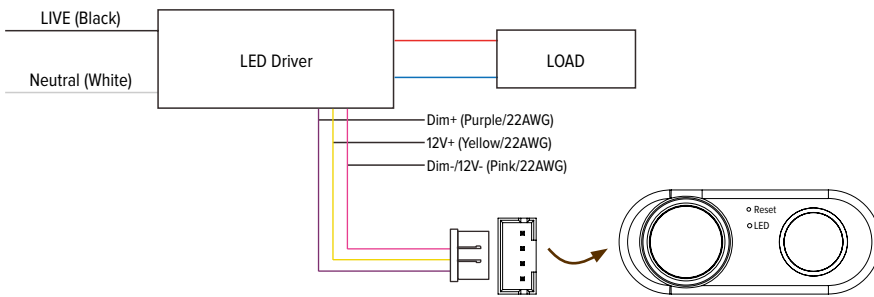
Dimensions:

IntelliSense™ Panel Sensors
ESL-ISS-MSEN-01 & ESL-ISS-SSEN-01

0.98"

2.44"

0.82"

0.51"