

### Overview:

The ESL Vision ESL-ISS-SSEN-03 is a standalone PIR occupancy and daylight harvesting sensor designed for quick installation into our IntelliSense™ quick connect high bay lighting fixtures. This sensor controls each fixture independently, offering simplified management for precise lighting adjustments.

Project: \_\_\_\_\_

Date: \_\_\_\_\_

Catalog #: \_\_\_\_\_

Notes: \_\_\_\_\_

### Key Features & Benefits:

- PIR Occupancy Sensing
- Daylight Harvesting
- Standalone Lighting Controls
- Remote Operated



### Product Specifications:

#### INPUT

Input Voltage: 12 VDC  
 Input Current: 8mA Max  
 Input Power: 0.1W  
 Dimming: Class 2, 0–10 VDC, 10mA Max  
 Sinking Current: 10mA Max

#### OUTPUT

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  
 IR Remote Distance: Max 26 Feet  
 Operating Temperature: -22°F to 158°F (-30°C to 70°C)  
 Storage Temperature: -22°F to 185°F (-30°C to 85°C)  
 IP Rating: IP40

#### CERTIFICATIONS

Compliance: UL8750  
 Warranty: 5 Years



### Ordering Guide:

ESL	FAMILY	TYPE	MODEL
ESL	ISS <small>(ISS) IntelliSense™ Series</small>	SSEN <small>(SSEN) SoloSense™</small>	03 <small>(03) Highbay Sensor</small>

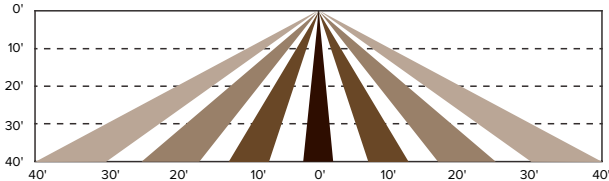
### FIELD INSTALLED ACCESSORIES

ESL-ISS-REM-01	IntelliSense™ remote control
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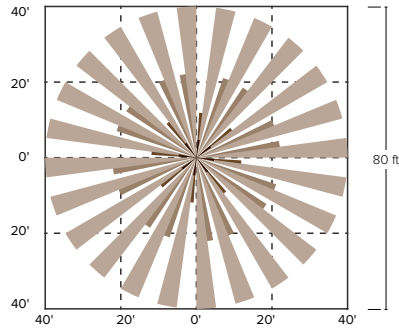
### Catalog Data:

ITEM #	DESCRIPTION
ESL-ISS-SSEN-03	SoloSense™ – plug in sensor 3.5mm audio jack stand alone PIR occupancy and daylight harvesting sensor

**Coverage:**

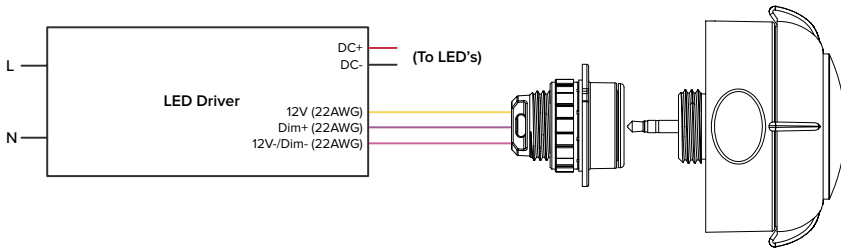


Side View Coverage



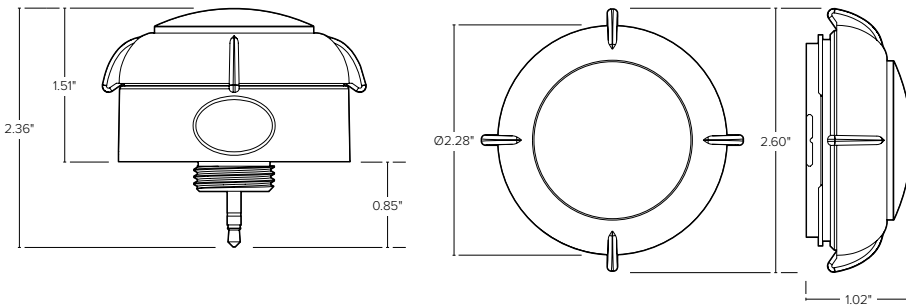
Top View Coverage

**Wiring Diagram:**

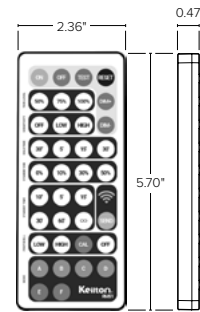


**Dimensions:**

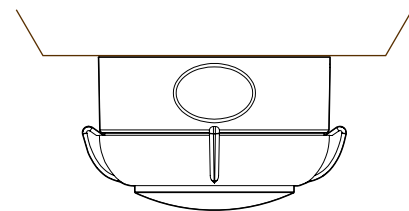
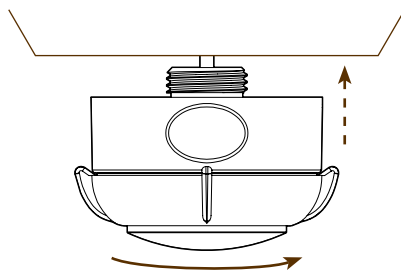
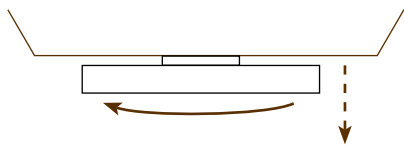
IntelliSense™ High Bay Sensors  
ESL-ISS-SSEN-03



IntelliSense™ Remote  
ESL-ISS-REM-01



### Installation:



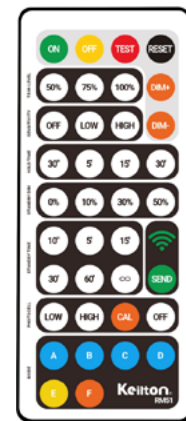
**1** Remove IntelliSense™ receptacle cap by rotating counter-clockwise.

**2** Plug in the sensor and rotate clockwise to secure in place.

**3** Program the desired settings using the IntelliSense™ remote.

### Remote Programming Instructions: Memory Mode (Commissioning)

1. Select either **A, B, C, or D**.
  2. Indicator lights on the remote will flash to indicate the current saved settings.
  3. Settings can be configured by pressing appropriate buttons in the highlighted gray section of the remote buttons. (**TRIM-LEVEL, SENSITIVITY, HOLD TIME, STANDBY DIM, STANDBY TIME, and PHOTOCELL**). Review selected settings and make changes as necessary.
  4. Point IR remote to desired luminaire for configuration and press "**SEND**".
  5. If configuration is successful, luminaire will flash twice to confirm settings are saved. Any parameter change to the current saved settings on **A to F** will override previous settings and will be automatically saved on the remote. If configuring multiple luminaires, select the configured memory mode **A to E** then follow steps 4 and 5.
- E Mode** allows visual adjustment to choose the desired dimming level.



### Remote Programming Instructions: Continuous Adjustment or Daylight Harvesting Mode

1. Point IR remote to desired luminaire.
  2. Press "**ON**" then press **DIM+** or **DIM-** to adjust dimming level.
  3. Press "**F**", indicator lights on the remote will indicate current saved settings.
- Note:** only **TRIM-LEVEL, SENSITIVITY, and HOLD TIME** can be selected for Daylight Harvesting settings.
4. Review selected settings and make changes as necessary. Press "**SEND**".
  5. If configuration is successful, luminaire will flash twice to confirm setting saved. If configuring multiple luminaires, select the configured **DAYLIGHT HARVESTING** settings then follow steps 4 and 5.

#### RESET MODE

**Motion:** 100%  
**No Motion:** 5 minutes and fixture dims to 30%  
**No Motion:** 60 minutes and fixture turns off

### BUTTON OPERATION

ON	Turns on luminaire	STANDBY TIME	Standby time 10sec–5min–15min–30min–1hr–∞, "∞" means the fixture is effectively controlled by the daylight sensor
OFF	Turns off luminaire	PHOTOCELL	LOW (1fc)–HIGH (50fc)–CAL Collecting the current Lux Level OFF
TEST	Test mode will last 5 mins then return to previous setting, test mode will hold 2 seconds SDL 50% and standbytime for 2 seconds	MODE	Set settings to a program profile A to F
RESET	Trim–High=100%, Sensitivity=High, T1=5 min, Standby Dim=30%, T2=60min, Photocell=OFF	SEND	Send settings to sensor
DIM +/-	Remote will manually dim luminaire up or down by increments of 0.5V. Must be smooth dimming if holding dimming button.	DEFAULT MODE A	Trim-High=100%, Sensitivity=low, T1=30min, Standby Dim=50%, T2=00, Photocell=CAL
TRIM LEVEL	Set Maximum threshold values of 50%–75%–100%	DEFAULT MODE B	Trim-High=100%, Sensitivity=low, T1=30min, Standby Dim=50%, T2=15min, Photocell=CAL
SENSITIVITY	Off (PIR OFF enter Photocell ON/OFF function)/ LOW (50%) or HIGH (100%)	DEFAULT MODE C	Trim-High=100%, Sensitivity=low, T1=30min, Standby Dim=50%, T2=15min, Photocell=OFF
HOLD TIME	30sec–5min–15min–30min (time of no occupancy after which fixture goes to standby)	DEFAULT MODE D	Tri m-Low=50%, Sensitivity= low, T1=30min, Stand by Dim =50%, T2=30min, Photocell=CAL
F MODE– DAYLIGHT HARVESTING	(Enable/Disable) Measure and set feature to allow the fixture to maintain a light level, if turned on.	DEFAULT MODE E	Manual Mode, Trim-High=100%
STANDBY DIM	Select any standby dim level: 0%–10%–30%–50%	DEFAULT MODE F	Daylight Harvesting, Trim-Low=50%, Sensitivity=low, T1=15min

