

LSXR

LINE VOLTAGE FIXTURE MOUNT SENSOR

The LSXR is a line voltage fixture mount sensor that provides passive infrared (PIR) occupancy detection with a radial coverage pattern. The LSXR has 4 available interchangeable lenses that provide flexibility in selection of mounting heights and coverage patterns.

INTERCHANGEABLE LENSES:



9 LENS
Small Motion 360°



6 LENS
High Mount 360°



10 LENS
Low Mount 360°



50 LENS
High Mount Aisleway

FEATURES:

- Interchangeable Lenses
- Integrated Mounting Bracket
- Self-Contained Relay
- No Minimum Load Requirements
- Adjustable Fixture Mounting
- Compatible with 0-10 VDC Dimmable Ballasts and LED Drivers
- Interchangeable Hot & Load Wires
- Features patented Lampmaximizer® technology
- 347-480 VAC available

sensorswitch

An **AcuityBrands** Company



LINE VOLTAGE FIXTURE MOUNT SENSOR

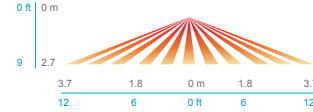


9
LENS

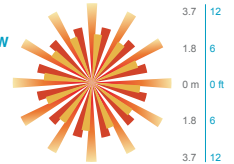
Small Motion 360°

- Best choice for small motion (e.g., hand movements) detection
- Viewing angle of 56° in a 360° conical shaped pattern
- Provides 12 ft (3.66 m) radial coverage when mounted to standard 9 ft (2.74 m) ceiling
- 8 to 15 ft (2.44 to 4.57 m) mounting heights provide 10 to 20 ft (3.05 to 6.10 m) radial coverage

SIDE VIEW



TOP VIEW

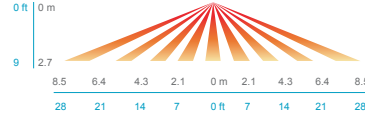


10
LENS

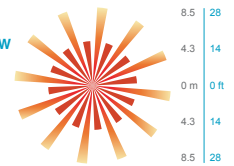
Low Mount 360°

- Best choice for large motion (e.g., walking) detection
- Viewing angle of 67° in a 360° conical shaped pattern
- Provides 28 ft (8.53 m) radial coverage when mounted to standard 9 ft (2.74 m) ceiling
- 7 to 15 ft (2.13 to 4.57 m) mounting heights provide 16 to 36 ft (4.88 to 10.97 m) radial coverage

SIDE VIEW



TOP VIEW

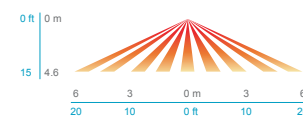


6
LENS

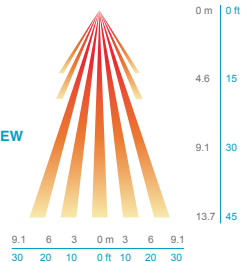
High Mount 360°

- Best choice for 15 to 45 ft (4.57 to 13.72 m) mounting heights
- 15 to 20 ft (4.57 to 6.10 m) radial coverage overlaps area lit by a typical high bay fixture
- Excellent detection of large motion (e.g., walking) up to a 35 ft (10.76 m) mounting height
- Excellent detection of extra large motion (e.g., forklifts) up to a 45 ft (13.72 m) mounting height

LOW VIEW



HIGH VIEW

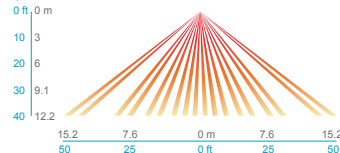


50
LENS

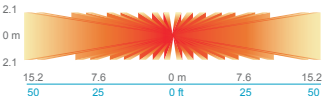
High Mount Aisleway

- Provides 50° bi-directional and 10° wide coverage pattern
- 1.2x mounting height equals approximate detection range in either direction
- Typical 40 ft (12.19 m) mounting detects 50 ft (15.24 m) in either direction

SIDE VIEW



TOP VIEW





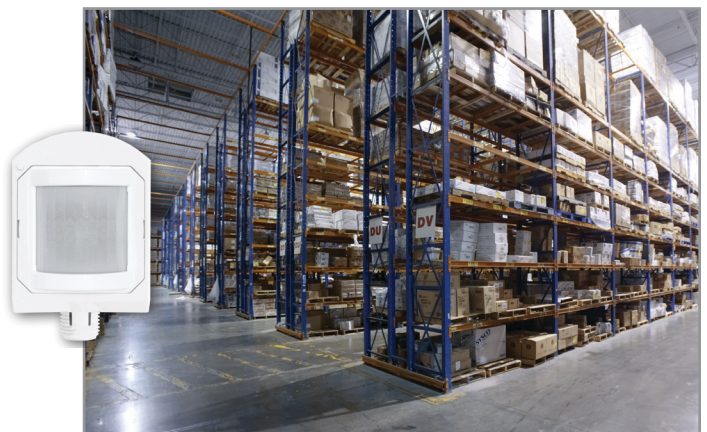
9 LENS Small Motion 360°



10 LENS Low Mount 360°



6 LENS High Mount 360°



50 LENS High Mount Aisleway

COMMON CONFIGURATIONS

Model #	# Of Relays	Photocell	0-10 VDC Dimming	Power	Included Lenses	Notes on Operation
LSXR 610 HL	1	no	yes	120-277 VAC (MVOLT)	High Mount 360° & Low Mount 360°	<u>Occ.</u> High/Low/Off (if relay is wired) or High/Low (if relay is not wired)
LSXR 610	1	no	no	120-277 VAC (MVOLT)	High Mount 360° & Low Mount 360°	<u>Occ.</u> - On/Off control
LSXR 610 P	1	yes	no	120-277 VAC (MVOLT)	High Mount 360° & Low Mount 360°	<u>Occ.</u> - On/Off control <u>Photocell</u> - On/Off control
LSXR 610 ADC	1	yes	yes	120-277 VAC (MVOLT)	High Mount 360° & Low Mount 360°	<u>Occ.</u> - On/Off (if relay is wired) or ~0V (if relay is not wired) <u>Photocell</u> - Dim to Off (if relay is wired) or ~0V (if relay is not wired)
LSXR 610 ADC 3V J100* (*100 pack option required)	1	yes	yes	120-277 VAC (MVOLT)	High Mount 360° & Low Mount 360°	<u>Occ.</u> - On/Off (if relay is wired) or 3V (if relay is not wired) <u>Photocell</u> - Dimming to 3V
LSXR 610 2P	2	no	no	120/277 VAC	High Mount 360° & Low Mount 360°	<u>Occ.</u> - On/Off control both relays
LSXR 610 2P A0	2	no	no	120/277 VAC	High Mount 360° & Low Mount 360°	<u>Occ.</u> - Both relays closed <u>No Occ.</u> - 1 relay opens (alternates to promote even lamp wear)

ORDERING INFORMATION

SINGLE RELAY

(example: LSXR 610 ADC HVOLT J100)

LSXR										
Series		Lens Options		Dimming/Photocell		Voltage				
LSXR	Passive Infrared Indoor Occupancy Sensor	<u>Single Lens</u>		(blank) None HL High/Low Occupancy Operation P Switching Photocell (On/Off) ADC Dimming & Switching Photocell ANL Dimming & Switching Photocell with High/Low Occ. Operation		(blank) 120-277 VAC (MVOLT) HVOLT 347-480 VAC				
		(blank) No Lens	610 High Bay & Low Bay 360°							
		6 High Mount 360°	650 High Bay 360° & Aisleway							
		10 Low Mount 360°	3PK High Bay & Low Bay 360, & Aisleway							
		50 High Mount Aisleway	4PK All Lenses							
		9 Small Motion 360°								
addl. ordering options (*available in 100 packs only)		Max Dim Level*		Temp / Humidity		Default Time Delay*				
		(blank) 10 VDC		(blank) None		(blank) 10 min (w/ 15 min minimum on time)				
		9H 9 VDC		LT Low Temp		5M 5 min (LED only)				
		8H 8 VDC				15M 15 min				
		7H 7 VDC				20M 20 min				
						30M 30 min				