

**PIR HIGH BAY MOUNTED  
OCCUPANCY SENSOR  
MSSNSWLSXR650ANL**



**PRODUCT DESCRIPTION:**

The MSC fixture-mount occupancy sensor provides reliable and versatile solutions for commercial and industrial lighting control applications. The sensor utilizes passive infrared (PIR) detection and feature interchangeable lenses, providing flexibility for multiple mounting height and coverage pattern requirements. Available options include high voltage powering and integrated switching/dimming photocell.

**FEATURES:**

- Integrated mounting bracket drops lens down 3" from chase nipple - no bracket accessory required
- 100% digital PIR detection - provides excellent RF immunity
- No PIR field calibration or sensitivity adjustments required
- Reversible hot & load wires - eliminates backwards wiring
- Digital push-button programming - no tools or analog adjustments required
- Non-volatile settings memory
- Convenient test mode - quickens initial walk and/or photocell testing
- Green LED indicator

**COMPATIBLE PRODUCTS:**

- BLHT Series- High Bays
- HL Series- Linear High Bays

**INSTRUCTIONS:**

See compatible product instruction manuals.

ORDER CODE	MODEL	DESCRIPTION
76430	MSSNSWLSXR650ANL	SENSOR MOTION 120-277V PIR OCC CONT DIM DLH AISLE CAT24
105795	MSLSXR10LNS	LENS SENSOR MOTION MSSNSWLSXR650ANL-LOW MOUNT

**SPECIFICATIONS:**

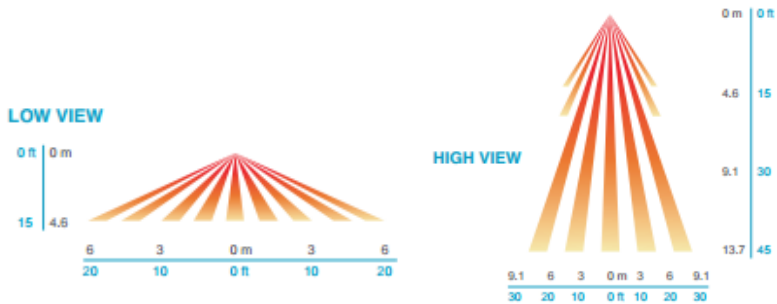
SPECIFICATIONS:		MSSNSWLSXR650ANL
ITEM	SPECIFICATION	DETAILS
ELECTRICAL ASPECTS	Power Supply	120-277VAC, 347-480VAC 50/60 Hz
	Max Load	800W @ 120VAC
		1200W @ 277VAC
		1500W @ 347VAC
	2160W @ 480VAC	
Dimming Load	Sinks < 20 mA; (~ 40 LED drivers/ballasts @ 0.5 per) 0-10VDC dimmable ballasts or LED drivers only	
PHYSICAL ASPECTS	Infrared Sensor	Passive Infrared (PIR)
	Time Delay	5-30 min, default 10 min
	Photosensor Range	15-45 feet
	Dimensions	3.75" H x 2.50" W x 4.00" D
	Mounting	1/2" knockout (7/8" trade size) on fixture
	Weight	6oz
	Motor Load	1/4 HP

**DEFAULT HIGH MOUNT 360° LENS COVERAGE PATTERN**

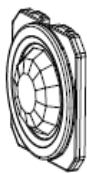
HIGH MOUNT 360° LENS (#6)



- 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 MOUNT 360° LENS COVERAGE PATTERN**



- Best choice for large motion detection (e.g. walking)
- 360° conical shaped pattern
- Provides ~24 ft (7.32 m) radial coverage (~2000 ft²) when mounted at 9 ft (2.74 m)
- 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
- Detection range improves when walking across beams compared to into beams

