

LSC Sensor

Microwave Occupancy Sensor

Product Description

The LSC sensor is a Microwave Occupancy Sensor that provides highly configurable, motion detection with an integrated daylight sensor for mounting applications up to 16.4ft. The sensor installs into a LSC fixture and has DIP switch settable configuration settings. This sensor is ideal for ideal for general ambient lighting in retail, warehouse, residential utility, and light commercial or industrial applications.

Construction

- Microwave motion detection with built in daylight sensor
- Durable 20 gauge steel construction
- Gloss white powder coat finish

Electrical

- Self contained relay, no power pack required
- Compatible with LSC fixtures
- DIP switch programmable
- Highly configurable: Detection Area, Hold Times, Daylight Threshold, Stand-by Time, and Stand-by Dimming levels

Installation

- Not available for field install, installed by NICOR factory
- Max mounting height : 16.4ft (5m)
- Operating temperature range : -4°F - 140°F (-20°C - 60°C)
- No field calibration required

Warranty

- 5-year limited system warranty standard
- Note: Performance is of a representative fixture. Results may vary in the field as a result of installation environment and application.

PRODUCT INFORMATION

Detection System:	5.8GHz $\pm$ 75MHz
Operating Voltage	120-277VAC
Maximum Rated Load:	Inductive: 400W @ 120V, 800W @ 230V, & 1000W @ 277VAC
IP Rating	IP20
Power Draw:	< 1W standby
Motion Detection (ØxH):	26.25 ft x 16.4 ft (8m x 5m)

Project

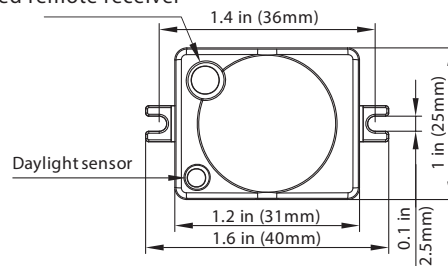
Catalog

Type

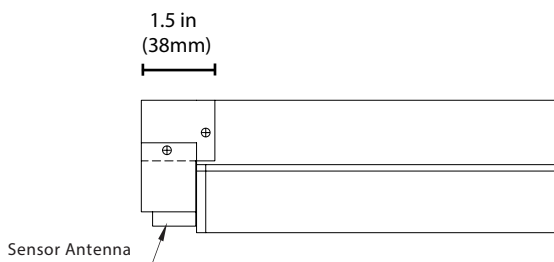
Date



Infrared remote receiver



As installed:



Ordering Information

Series

LSC-10-Sensor

Example: LSC-10-Sensor

Only available with purchase of LSC fixture

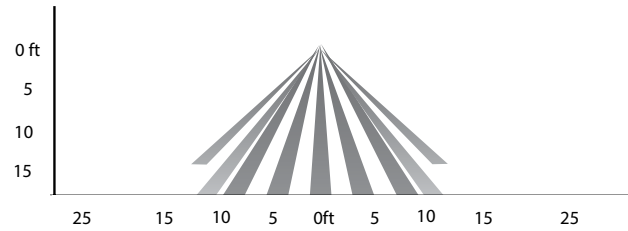
Specifications and dimensions subject to change without notice

Settings and Coverage Pattern

Note: For instruction on changing settings, see the LSC Sensor Installation instructions.

- Hold time : 5s / 30s / 60s / 1min / 5min / 10min / 20min / 30min
- Detection sensitivity : 10% / 50% / 75% / 100%
- Daylight sensor : 2Lux / 10Lux / 50Lux / Disable
- Stand-by period : 0s / 10s / 1min / 5min / 10min / 30min / +∞
- Stand-by dimming level : 10% / 20% / 30% / 50%

- Detection angle : 30°~ 150°



	1	2	
I	●	●	100%
II	●	○	75%
III	○	●	50%
IV	○	○	10%

Detection Area

	1	2	3	
I	●	●	●	5s
II	●	●	○	30s
III	●	○	●	1min
IV	●	○	○	5min
V	○	●	●	10min
VI	○	●	○	20min
VII	○	○	○	30min

Hold Time

	1	2	3	
I	●	●	●	0s
II	●	●	○	10s
III	●	○	●	1min
IV	●	○	○	5min
V	○	●	●	10min
VI	○	●	○	30min
VII	○	○	●	1hr
VIII	○	○	○	+∞

Stand-by period

	1	2	
I	●	●	10%
II	●	○	20%
III	○	●	30%
IV	○	○	50%

Stand-by dimming level

	1	2	
I	●	●	Disable
II	●	○	50Lux
III	○	●	10Lux
IV	○	○	2Lux

Daylight sensor

Wiring Information

