RSS Rectilinear Suspended Linear Series
Sophisticated Architectural Lighting

DESCRIPTION
The LED Rectilinear Suspended Luminaire provides a truly unique and sophisticated look for any project requiring an easy to install, upscale lighting system. The RSS Lighting System gives you the efficiency you've come to expect from LED's with a slim and sleek profile making it the perfect choice for high-end hotel lobbies, offices, universities, and retail spaces.

OPTICAL SYSTEM
- High transmission snap-in impact-resistant diffuse acrylic lens eliminates bright spots from individual LEDs and provides high vertical illumination and visual comfort.
- Available in 5000K, 4000K, 3500K, and 3000K color temperatures.
- Minimum CRI of 82.

ELECTRICAL
- 0-10V dimming (1% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High voltage (347 Vac).
- L70 Calculated Life: >100k Hours (See Lumen Maintenance on Page 2)
- Power factor: >.95
- Factory pre-wired to section ends with quick-wire connectors

TITLE 24 COMPLIANT · Dimmable · c UL us LISTED · RoHS COMPLIANT · ARRA Funding Compliant

4ft Pendant

8ft Pendant

2x2ft Horizontal Corner

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Phone 513.793.3200
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ELECTRICAL (continued)

- Optional 120-277V 12W integral emergency battery pack is available to meet critical life-safety lighting requirements. The 90-minute batteries provide constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed beneath the snap in lens mounted to the reflector.

CONSTRUCTION

- Rigid extruded aluminum housing for consistency and strength.
- End plates are cast aluminum.
- Available in 4' and 8' sections for individual or continuous row mounting. Consult Factory for custom length.
- Seamlessly create a variety of shapes with straight and corner units.
- Luminaire is proudly made in the U.S.

WARRANTY

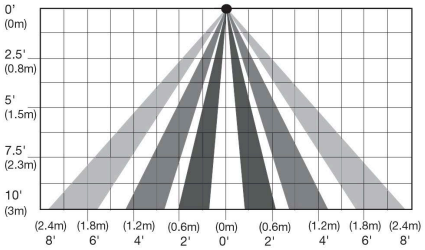
- LSI LED Fixtures carry a 5-year warranty.
- 1 Year warranty on optional Battery Back Up. Test regularly in accordance with local codes.

PERFORMANCE

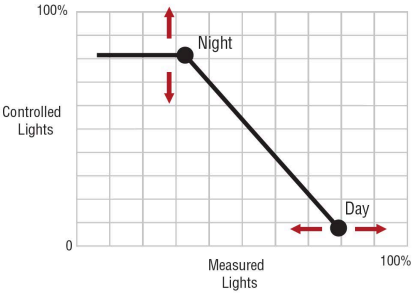
DELIVERED LUMENS - PER FOOT*						
SIZE	OUTPUT	3000K	3500K	4000K	5000K	WATTAGE
3"	06L	604	613	634	653	5.7
	10L	919	934	965	993	8.7
	11L	1,078	1,095	1,132	1,165	10.4
	13L	1,222	1,242	1,283	1,321	12.0
4"	06L	630	640	662	681	5.7
	10L	962	979	1,010	1,040	8.7
	11L	1,127	1,147	1,184	1,220	10.4
	13L	1,280	1,300	1,344	1,383	12.0

* LED chips are frequently updated therefore values may increase

Occupancy Sensor Coverage Diagram



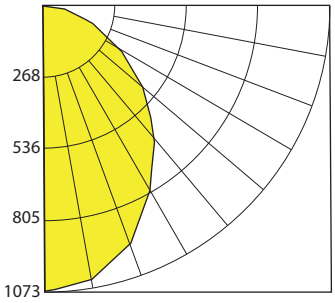
Daylight Sensor Control Algorithm



PHOTOMETRICS

3RSS 4 LED 06L LF XX 40 WH

See http://www.lsi-industries.com/products/led-lighting-solutions.aspx for detailed photometric data.



ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-30	781.0	31%
0-40	1,239.3	49.2%
0-60	2,063.3	81.9%
60-90	455.9	18.1%
70-100	184.1	7.3%
90-120	0	0%
0-90	2,519.3	100%
90-180	0	0%
0-180	2,519.3	100%

DAYLIGHT SENSOR

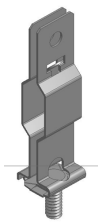
Optional integral daylight sensor uses a sliding setpoint control algorithm, meaning it has separate night and day setpoints that represent the desired photocell signal under that condition. To determine the correct dimming level for any given photocell reading, it calculates the level based on the slope of the line between the two setpoints. The result is accurate dimming that maintains the task illumination.

OCCUPANCY SENSOR

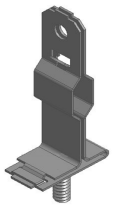
Optional integral passive infrared occupancy sensor activates switching of luminaire light levels. Standard Factory settings: Light is activated and increased to full bright upon detection of motion. Light is turned off when target zone is absent of motion activity for ~30 minutes.

MOUNTING TYPES

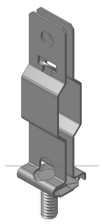
9/16" Tee Clip



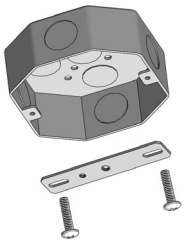
15/16" Tee Clip



Screw Slot Tee Clip



Mounting Strip to J-Box (J-Box by Others)



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