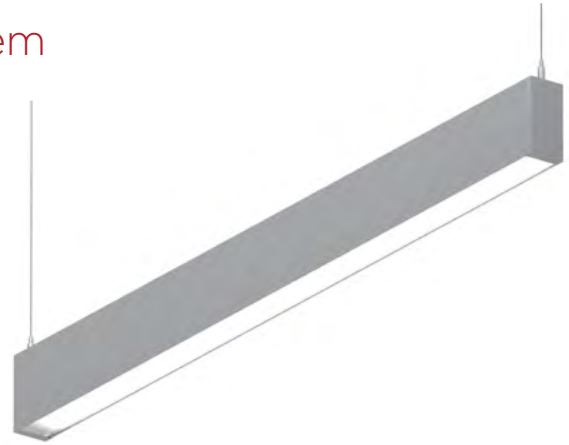




R Series - 2RSS

2" Suspended Direct Lighting Linear System



OVERVIEW

Lumen Range	350 - 1,000 (Direct and Indirect)
CCT	3000K, 3500K, 4000K, 5000K
Wattage Range	13 - 38 (Direct)
Efficacy Range (LPW)	104 - 111 (Direct)
Weight lbs (kg)	2.2 lbs/ft (1 kg/ft)

QUICK LINKS

[Ordering Guide](#)[Performance](#)[Photometrics](#)[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Rigid extruded aluminum housing for consistency and strength
- Die Cast Aluminum End Caps
- Available in varying lengths from 2' to 8' for individual or continuous row mounting
- Housing is treated with phosphate rust inhibitor and painted with textured powder coat paint.
- Manufactured in the USA

Optical System

- High transmission snap-in impact resistant diffuse acrylic lens
- Minimum CRI of 82
- RSS is direct light only
- For additional indirect lighting please refer to RDI model

Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 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
- Total harmonic distortion: <20%

- Operating temperature: - -40°C to +40°C (-40°F to +104°F)
- Power factor: >.95
- Input power stays constant over life.
- Factory pre-wired to section ends with quick-wire connectors
- 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.

Controls

- Optional integral passive infrared occupancy sensor available
- Optional integral daylight harvesting sensor available

Installation

- Quick connect harness to attach fixtures in continuous rows
- Hanger bracket to provide hanging support between fixtures
- Alignment guides to ensure proper alignment from fixture to fixture
- Power access on top of fixtures
- Single point adjustable length 1/16"

diameter cable for mounting to suspended or hard ceilings

- Stem mounting option available
- 5" diameter powder coated steel canopy for power feed locations
- 2" diameter powder coated steel canopy for non-feed locations

Warranty

- Complete warranty terms located at: <https://www.lsi-industries.com/resources/terms-and-warranty.aspx>.
- 1 Year warranty on optional Battery Backup. Test regularly in accordance with local codes.

Listings

- List for UL 1598 and UL 8750
- RoHS Compliant
- Suitable for damp locations
- Meets Buy American Act requirements
- State of California Title 24 compliant





STRAIGHT ORDERING GUIDE

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2RSS 4 LED 06L LF UE 40 WHT

Prefix	Length	LED Technology	Direct Lumens (Per Foot)	Lens	Voltage	Color Temperature	Position
2RSS - 2" Width Direct	2 - 2' Length ¹ 3 - 3' Length 4 - 4' Length 5 - 5' Length 6 - 6' Length 7 - 7' Length 8 - 8' Length CHO - Horizontal 2'x2' Corner	LED	03L - 300 Lumens 05L - 500 Lumens 07L - 700 Lumens 10L - 1,000 Lumens	LF - Frosted Diffuse	UE - Universal Voltage (120V-277V) HV - High Voltage (347V)	27 - 2700K ² 30 - 3000K 35 - 3500K 40 - 4000K 50 - 5000K ²	S - Starter (1 SFK, 1 NFK, & 1 End Cap) J - Joiner (1 NFK) E - Ender (1 NFK & 1 End Cap) I - Individual (1 SFK, 1 NFK, & 2 End Cap) *Note SFK - Starter Feed Kit NFK - Non-Feed Kit

Ceiling Attachment	Fixture Finish	Cord Color	Canopy Color	Cable Suspension Length	Options
HC - Hard Ceiling 1C - 15/16" Tee Clip 9C - 9/16" Tee Clip SC - Screw Slot Clip	WHT - White BLK - Black MSV - Silver RAL - Custom Color (specify i.e. RAL829)	W - White B - Black	W - White B - Black S - Silver RAL - Custom Color (specify i.e. RAL829)	18 - 18" Max 24 - 24" Max 36 - 36" Max 48 - 48" Max 72 - 72" Max 120 - 120" Max 144 - 144" Max	OCC - Occupancy Sensor DAY - Daylight Sensor DOC - Daylight and Occupancy Sensor EM - Emergency Battery Pack ³ EC - Emergency Circuit ³ EH - Emergency Through Harness ⁴ F - Fast Blow Fuse GMF - Slow Blow Fuse ST - Stem mount

ACCESSORY TABLE

TYPICAL ORDER EXAMPLE: **SMP SC 36 W W**

Prefix	Ceiling Attachment	Stem Length	Cord Color	Canopy Color
SMP - Stem Power Feed Kit SMNP - Stem Non Feed Kit SMPE - Stem Mount with Emergency Feed Kit	HC - Hard Ceiling	12 - 12" Max 15 - 15" Max 18 - 18" Max 24 - 24" Max	W - White B - Black S - Silver	W - White B - Black S - Silver RAL - Custom Color (specify i.e. RAL829)

ENDPLATES

Fixture Series	Width	Description	Color
2RSS - EP	2"	Cable Mount Endplate kit (2 per)	WHT, BLK, MSV, RAL

Notes:

- 1 - Sensor and Emergency battery options not available for this length
- 2 - Adds 1 week to published lead time
- 3 - Individual and Ender units can be ordered with Emergency feed as standard.
For joiner or starter with Emergency feed, please contact factory.
- 4 - EH is required if emergency circuit traverses multiple fixtures





PERFORMANCE

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DELIVERED LUMENS PER FOOT - 4000K				
Size	Output	Lumens/foot	Wattage	Lumens/Watt
2"	03L	375	13.69 W	110 lm/W
	05L	500	18.45 W	111 lm/W
	07L	750	28.32 W	108 lm/W
	10L	1,000	38.43 W	104 lm/W

*LEDs are frequently updated therefore values are nominal.

PHOTOMETRICS

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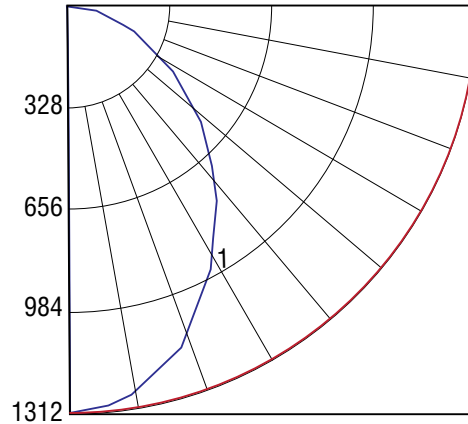
Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

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

2RSS-4-LED-07L-LF-XX-40

Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-20	465.2	7.70
0-30	961.6	15.80
0-40	1,523.8	25.10
0-60	2,519.3	41.50
0-80	3,010.6	49.50
0-90	3,057.4	50.30
10-90	2,934.5	48.30
20-40	1,058.5	17.40
20-50	1,600.1	26.30
40-70	1,316.9	21.70
60-80	491.3	8.10
70-80	170.0	2.80
80-90	46.7	0.80
90-110	261.0	4.30
90-120	610.5	10.00
90-130	1,080.2	17.80
90-150	2,151.4	35.40
90-180	3,019.2	49.70
110-180	2,758.2	45.40
0-180	6,076.6	100.00





PRODUCT DIMENSIONS

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