

Ultra-High Efficiency Direct Light Linear Fixture

Incorporating a custom-designed aluminum extrusions around multifunctional sensors, universal voltage drivers, and industry-leading LED chips, these fixtures deliver extremely illumination at an incredibly low input power rating.

SLD - LN

A Direct Linear Ambient designed for your budget, installation ease, and peace of mind. The **SLD-LN** Series from Lumingen was developed through our extensive experience in the high-performance lighting market. Incorporating a custom-designed aluminum extrusions around multifunctional sensors, universal voltage drivers, and industry-leading LED chips, these fixtures deliver extremely illumination at an incredibly low input power rating. Its sleek and architecturally pleasing design is equally at home in commercial or industrial settings.

This series is available at nominal lengths of 2-ft, 3-ft, and 4-ft and can be daisy-chain/ linkable for simple installation. Made almost entirely of light-weight aluminum to ensure a robust fixture with exceptional reliability.



Alliance
Member

Performance Summary

Light Output:	4,030–16,524 lm
L90 TM-21-11:	>53,000 hrs (>53,000 hrs)
L70 TM-21-11:	>102,000 hrs (>171,350 hrs)
CRI Availability:	80-90
CCT Availability:	2700-6500 K
Voltage Compatibility:	120-277/347 Vac
Standard Warranty:	5 years

Applications:

Cable Suspension/Ceiling Mount for any application

- Office
- Warehouse
- Parkade
- Recreation

Configurations

- 0/1-10V Dimming
- Multifunction Occupancy Sensor with Wireless Capabilities
- Optical Diffuser Options
- Additional Surge Protection
- Mesh Guard

SLD-LN Linear Ambient Series

SLD-LN-XXXX Specifications

Listing: CSA US-Canada Certified for Dry and Damp Locations. DLC QPL. BC Hydro e.Catalog.

LED: Industry-leading Cree LEDs for mid-range lighting applications. Engineered for superior efficiency allowing for an end-product efficiency up to 160 lm/W.

Optics: Standard 120° beam angle. High-transmission impact-resistant PC diffuser. Customizable diffuser material: Clear, Frosted or Prismatic.

Available CRI: 80, 90

Colour Temperature (CCT): 2700K, 4000K, 5000K, 6500 K

Reported (and Projected) TM-21 LED Light Maintenance:
L90(90% light output): > 53,000 hours (Projected >53,000 hours)
L70(70% light output): > 102,000 hours (Projected >171,350 hours)

Operating Temperature: -40°C to +50°C

Warranty: 5 years

Electrical: Input: 120-277/347 VAC 50/60 Hz

Power Factor: > 0.90

THD: < 20%

Surge: 3 kV

Construction: Light-weight extruded aluminum body with white powder-coated finish. White ABS endcaps with UL94-V0 5VA rating. Optional steel wire-guard.

Standard Dimensions: 54~115 x 10 x 6 cm (22~46 x 4 x 2.5 in)

Standard Weight: 1.2 – 2.9 kg (2.2 – 6.5 lb.)

Installation: Simple and easy maintenance/electrical access. Installation by screws onto ceiling, wall, etc.; or by suspension kit.

Available Features: 0/1-10V dimming
Impact-protection wire guard
Integrated multifunctional occupancy sensor with wireless control capabilities
Surge protection
Wire-in compartment with daisy-chaining compatibility

Specifications Table

Model	Length (cm)	Lumen (lm)	Wattage (W)	Efficiency (lm/W)
SLD-LN-0020 -277/347-4K0/5K0/6K5-80-120-SF/SP-CL- 20	54 cm	4,030 lm	27.6 W	145.8 lm/W
SLD-LN-0040 -277/347-4K0/5K0/6K5-80-120-SF/SP-CL- 30	85 cm	6,342 lm	42.4 W	149.6 lm/W
SLD-LN-0040 -277/347-4K0/5K0/6K5-80-120-SF/SP-CL- 40	115 cm	6,492 lm	41.9 W	155.1 lm/W
SLD-LN-0060 -277/347-4K0/5K0/6K5-80-120-SF/SP-CL- 30	85 cm	7,866 lm	54.8 W	143.6 lm/W
SLD-LN-0060 -277/347-4K0/5K0/6K5-80-120-SF/SP-CL- 40	115 cm	8,103 lm	54.0 W	150.0 lm/W
SLD-LN-0080 -277/347-4K0/5K0/6K5-80-120-SF/SP-CL- 40	115 cm	12,409 lm	77.9 W	159.3 lm/W
SLD-LN-0100 -277/347-4K0/5K0/6K5-80-120-SF/SP-CL- 40	115 cm	16,524 lm	105.7 W	156.3 lm/W

Ordering Code (e.g., SLD-LN-0060-277-5K0-80-120-SF-CL-40-D-S)

LAMP-SERIES CODE	POWER RATING	AC INPUT VOLTAGE	COLOUR TEMPERATURE	CRI	BEAM ANGLE	INSTALL METHOD	DIFFUSER	LENGTH	ACCESSORIES ^A
SLD-LN	0060	277	5K0	80	120	SF	CL	40	D – S
SLD-LN	0020 (27W)	277 (120-277V)	2K7 (2700K)	80	120	SP (Suspension cable kit)	CL (Clear)	20 (2-feet)	D (0/1-10V Dimming)
	0040 (42W)	347 (347V)	4K0 (4000K)	90		SF (Surface mount kit)	FR (Frosted/Diffuse)	30 (3-feet)	M (Multifunction Motion Sensor)
	0060 (54W)		5K0 (5000K)				PR (Prismatic Patterned)	40 (4-feet)	S (Surge Protection)
	0080 (78W)		6K5 (6500K)						V (Mesh Guard)
	0100 (100W)								

^A ELECTRICAL SURGE:

All LED fixtures are susceptible to voltage spikes. Surge protection is highly recommended for industrial and manufacturing applications

