

# Linear Series

## 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 new 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 and 4-ft and can be daisy-chain/linkable for simple installation. Made almost entirely of light-weight aluminum to ensure for a robust fixture with exceptional reliability.



### Performance Summary:

Light Output	3,226—17,109 lumens
Typical Efficiency	153—163 lumens/watt
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

### Configurations:

- ☒ Standard 0/1-10V dimming
- ☒ Multifunction Occupancy Sensor
- ☒ Optical Diffuser Options
- ☒ Additional Surge Protection
- ☒ Wireless Control System
- ☒ Mesh Guard

### Installation:

- ☒ Cable Suspension
- ☒ Pendant Suspension
- ☒ Ceiling Mount

# 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 low-to-mid range lighting applications. Engineered for superior efficiency allowing for an end-product efficiency up to 163 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)

**Warranty:** 5 years

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

Power Factor: > 0.90

THD: < 20%

Surge: 3 kV

**Operating Temperature:** -40°C to +50°C

**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:** 56~117 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.

**Features:** 0/1-10V dimming. **Optional:** Impact-protection wire guard, integrated multifunctional occupancy sensor, surge protection, wire-less control system.

## Specifications Table

Model	Size (cm)	Lumen (lm)	Wattage (W)	Efficiency (lm/W)	Input Voltage (VAC)
SLD-LN-0020	59 x 10 x 6	3,226	19.8	162.8	120~347
SLD-LN-0040	59 x 10 x 6	6,116	39.0	156.7	120~277/347
SLD-LN-0060	116 x 10 x 6	9,718	60.1	161.7	120~277/347
SLD-LN-0080	116 x 10 x 6	12,233	78.1	156.7	120~277/347
SLD-LN-0100	116 x 10 x 6	15,514	100.2	154.9	120~277/347
SLD-LN-0120	116 x 10 x 6	17,109	111.8	153.0	120~277/347

## Ordering Code (e.g., SLD-LN-0060-277-5K0-80-120-SF-CL-00-M-S)

LAMP-SERIES CODE	POWER RATING	AC INPUT VOLTAGE	COLOUR TEMPERATURE	CRI	BEAM ANGLE	INSTALL METHOD	DIFFUSER	[N/A]	ACCESSORIES <sup>1</sup>
SLD-LN	0060	277	5K0	80	120	SF	CL	00	M – S
SLD-LN	0020 (20W)	277 (120-277V)	2K7 (2700K)	80	120	SP (Suspension cable kit)	CL (Clear)	00	C (Wireless Control)
	0040 (39W)	347 (347V)	4K0 (4000K)	90		PD (Pendant/ junction box kit)	FR (Frosted/ Diffuse)		M (Multifunction Motion Sensor)
	0060 (60W)		5K0 (5000K)			SF (Surface mount kit)	PR (Prismatic Patterned)		S (Surge Protection)
	0080 (78W)		6K5 (6500K)						V (Mesh Guard)
	0100 (100W)								
	0120 (112W)								

<sup>1</sup> ELECTRICAL SURGE:

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

