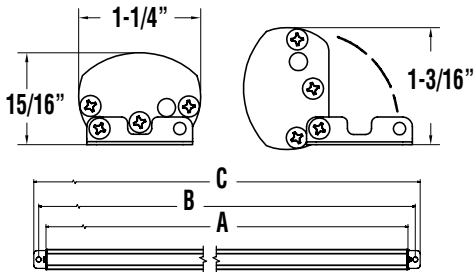


# LED LINEAR HIGH OUTPUT LIGHT (LXL)



## DIMENSIONS



CATALOG #	A	B	C
LXL 12	11.1" (282mm)	11.625" (295mm)	12" (305mm)
LXL 18	17.1" (434mm)	17.625" (448mm)	18" (457mm)
LXL 24	22.6" (574mm)	23.125" (587mm)	23.5" (597mm)
LXL 30	28.6" (726mm)	29.125" (740mm)	29.5" (749mm)
LXL 36	33.1" (841mm)	33.625" (854mm)	34" (863mm)
LXL 42	39.1" (993 mm)	39.625" (1006 mm)	40" (1016 mm)
LXL 48	45.1" (1146mm)	45.625" (1159mm)	46" (1168mm)

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.

**ARRA**  
Funding Compliant



**APPLICATIONS** - Display Case Lighting, Cove Lighting, Accent Lighting, Shelf Lighting, and Under cabinet Lighting. Interior.

## PRODUCT HIGHLIGHTS

- **Long Lasting Sparkle** - LED light beam contains no heat, and no UV, which means no degradation in color or quality of the product under display.
- **Aimable** - Fixture adjusts from 0° to 90° to put the light where you want it.
- **“Green” Energy-Saving** - Reduces gas emissions, slashes operating costs and eliminates costly lamp disposal involving mercury waste.
- **Dramatically Lower Maintenance Costs** - 60,000 - 100,000-hour LED source extends life 3 to 5 times as compared to conventional fluorescents.
- **Easy Installation, New or Retrofit** - Mounts with available brackets or customer adhesive. Lightweight (< 0.5 lb. per foot).
- **Separate Power Supply** - Fixtures are connected easily to a universal voltage power supply (ordered separately).

**LEDS** - Select high-brightness LEDs. Expected life: minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance. Available in 3500°K, 4300°K and 5650°K color temperature (nominal).

**DRIVER** - State-of-the-art driver technology designed specifically for the application is integrated on-board, providing unsurpassed system efficiency. Complies with IEC and FCC standards.

**BEAM SPREAD**- 120° symmetrical distribution.

**ELECTRICAL** - Fixtures operate on intrinsically-safe 24 VDC, which means no risk to customer or associates. Separate power supply operates on 120-277 VAC, 50/60 Hz.

**LIGHT OUTPUT** - 550 lumens per foot (CW), 500 lumens per foot (NW), and 470 lumens per foot (WW), with an input power of less than 7 watts per foot.

**LENS**- Supplied with protective clear plastic lens.

**HOUSING**- Anodized aluminum extrusion

**WIRING**- Integrated connection system makes it simple to create continuous lines of LED lighting. The fixtures can be connected directly together or spaced apart as needed, using the optional jumper cables. Use appropriately sized 2-conductor to minimize voltage drop on long feeds from power.

**OPERATING TEMPERATURE**- -40°C to +50°C (-40°F to +122°F).

**WARRANTY** - LSI LED fixtures carry a limited 5-year warranty.

**LISTING**- Listed to U.S. and International safety standards. Suitable for dry locations.

## LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **LXL 36 LED CW 24**

Prefix	Length*	Light Source	Color Temperature	Input Voltage
LXL	12 - 12 in 18 - 18 in 24 - 24 in 30 - 30 in 36 - 36 in 42 - 42 in 48 - 48 in	LED	CW - Cool White (5650°K) NW - Neutral White (4300°K) WW - Warm White (3500°K)	24 - 24 VDC

## ACCESSORY ORDERING INFORMATION (Accessories are field installed and damp location rated)

Description	Order Number	
HRNSS 6 in Jumper Cable with Male/Female connectors	35148301	
HRNSS 1 ft Jumper Cable with Male/Female connectors	35148302	
HRNSS 10 ft Jumper Cable with Male/Female connectors	35148303	
Description	Max Output*	Order Number
Non-Encased 100 Watt Power Supply with 120-277 VAC; 50/60 Hz Input; 24 VDC Output (Fig. 1)	100 W	PS 100 LED UE
Encased 40 Watt Power Supply with 120 VAC; 50/60 Hz Input; 24 VDC Output (Fig. 2)	40 W	PSE 40 LED 120
Encased 100 Watt Power Supply with 120-277 VAC; 50/60 Hz Input; 24 VDC Output (Fig. 2)	100 W	PSE 100 LED UE
Encased 200 Watt Power Supply with 120-277 VAC; 50/60 Hz Input; 24 VDC Output (Fig. 3)	200 W	RB3 200 LED UE
Encased 300 Watt Power Supply with 120-277 VAC; 50/60 Hz Input; 24 VDC Output (Fig. 3)	300 W	RB3 300 LED UE
Encased 400 Watt Power Supply with 120-277 VAC; 50/60 Hz Input; 24 VDC Output (Fig. 3)	400 W	RB3 400 LED UE



FIG. 1 - PS100



FIG. 2 - PSE



FIG. 3 - RB3

(see LED Linear Accessories sheet for dimensions)

\*Damage to the power supply and unpredictable lighting can result from exceeding max output. It is good design practice to limit loading to 80% of maximum.