

# LX Series

EXTREME APPLICATION INDUSTRIAL LIGHTING



HIGH TECH

DURABLE



# LX Series

## Extreme Application LED Lighting



## Product Information

The **LX** series is a **high efficacy, durable** LED linear light designed to withstand the harsh conditions of today's demanding environments. This next generation **IP67 LED linear light** is ideal for applications that require high pressure wash downs such as **livestock farming, food processing plants and car parks**.

The **LX** Series is available in 18 or 38 Watts and provides ultra-wide glare free, 160° comfortable uniform lighting for all working environments. It has excellent thermal management to ensure **long LED life** with extended lumen maintenance and **virtually zero fixture maintenance** resulting in cost effective solutions with a **short ROI period**. It comes with versatile mounting options with an **accessible junction box** for easy wiring and installation.

US PATENT # 8,272,765 / 6,830,364 / US 2014 / 0301076A1  
Other US and international patents pending.



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### Advantages of LX Series

- All-purpose **IP67 (water, dust & vapor-proof)** LED linear luminaire
- Glare-Free, **160° wide angle optics** reducing required fixtures by up to 25%
- Dimmable smart circuitry with **motion sensing** for maximum flexibility
- Lightweight low profile design with an **accessible junction box** for easy wiring and installation
- **High efficacy** fixture with durable construction and versatile mounting options
- Cost effective solution as a true LED replacement with a **short ROI Period**
- Ideal for environmentally-demanding locations with a **7 Year Limited Warranty**
- **Designed and engineered in USA**

### Application

- Food processing plants
- Chicken / livestock farming
- Clean Room
- Parking Structures
- Utility Lighting
- Mining
- Convenient Stores

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### Mounting Options

**CH2 - CHAIN CHANDELIER MOUNTING SYSTEM**

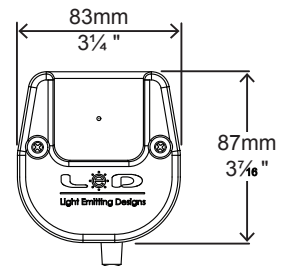
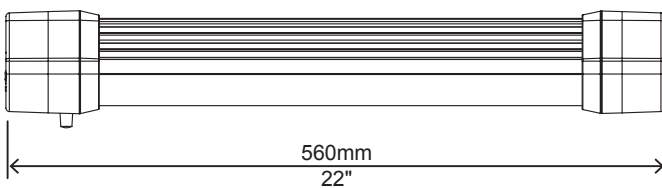


**SMH - SURFACE MOUNTING SYSTEM**

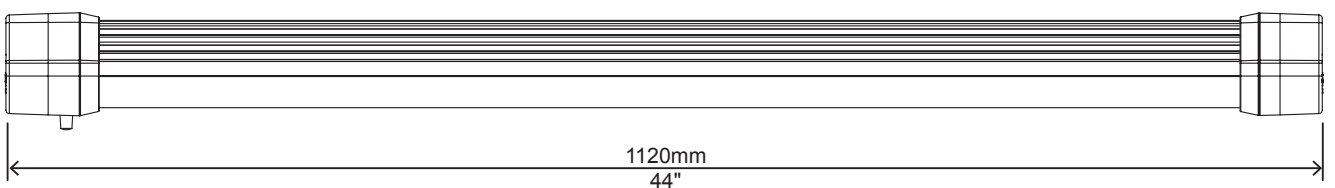


### External Dimensions

#### LX500



#### LX1000



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### Ordering Information

LX	Series	Wiring	CCT	Driver	Mounting *
	050 = 500 100 = 1000	JS = J-Box in Series JP = J-Box in Parallel WS = Cable in Series WP = Cable in Parallel	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable DS = Dimmable With Sensor	SMH = Surface Mount CH2 = 2 Chain

\*Surface Mount comes standard, please see accessories for additional mounting system options.

### Example

Part Number	Part Description
LX100-JS50DS-SMH	38Watt LED Linear Light / 90-277VAC / J-Box in Series / 5000K Cool White / Dimmable with Motion Sensor / Surface Mount

### Packaging Information

Model	Case Quantity	Dimensions (LxWxH)	Weight
LX500	12	61 x 54 x 41 cm 24 x 21¼ x 16⅝ in	16.60 kg 36.60 lbs
LX1000	12	117 x 54 x 41 cm 46 x 21¼ x 16⅝ in	30.25 kg 66.63 lbs

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### Specification

Model	LX500	LX1000
Fixture Watts *	18 W	38 W
Lumens (Total) *	2,070 Lumens	4,370 Lumens
Efficacy *	115 Lumens / W	115 Lumens / W
Number of LEDs & Driving Current	72@75mA	144@75mA
T <sub>s</sub> - Solder Point Temp *	46°C	48°C
L70 Rating @ T <sub>a</sub> 25°C	> 80K hours	> 80K hours
Light Beam Angle	160° @ 80% Flux	
Operational Temperature (T <sub>a</sub> )	-40°C ~ 55°C	
Input Voltage	90-277VAC 47~63Hz	
LED Model	Lumileds / Nichia / Cree	
CRI	85	
Lighting Control	Dimmable (0-10V, PWM) / Motion Sensor	
Warranty	7-Year Limited	
Storage Temp. / Humidity	-40°C ~ 80°C / IP67 Waterproof Rated Fixture	
Transient Surge Protection	4kV / 2kA	

\* Test data @ T<sub>a</sub> 25°C  
NOTE: All Values Have ±7% Tolerance

