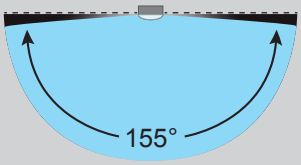
LX1060 Series

LED Food Processing Linear Lighting



Advantages of LX Series

- NSF-certified LED food & beverage processing linear light
- High efficacy fixture up to 170 lm / W
- Flexible wattages and lengths ranging from 20 ~ 120 Watt
- Deep anodized aircraft grade extruded billet aluminum housing
- Hard UV coated, chemical resistant polycarbonate lens cover
- Nylon 66 junction box enabling IK10 extreme impact rating
- Glare free 155° wide angle optics reducing fixture count by up to 25%
- High pressure washable IP69K-rated tri-proof (dust, vapor & water-proof) fixture
- Lightweight design with accessible junction box for simplified installation
- 80CRI for exceptional color rendition
- Optional smart motion sensing with soft dimming function
- Optional all-inclusive emergency battery backup system 10 Watt / 90 minutes
- Versatile mounting options for all types of food & beverage processing applications
- L70 ≥ 100,000 hours with 7-year limited warranty
- Designed and engineered in the USA



Wide Angle Optics

Applications

- Canneries
- Meat Packing Plants
- Slaughterhouses
- Rendering Plants
- Sugar Mills
- Dairy Processing
- Bottling Plants
- Chicken Farms



7 Years Warranty



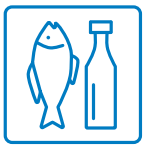
Wet Location



Pressure Washable

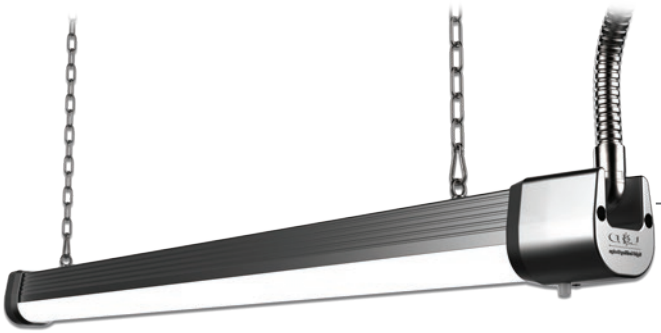


Impact Resistance



Food Processing

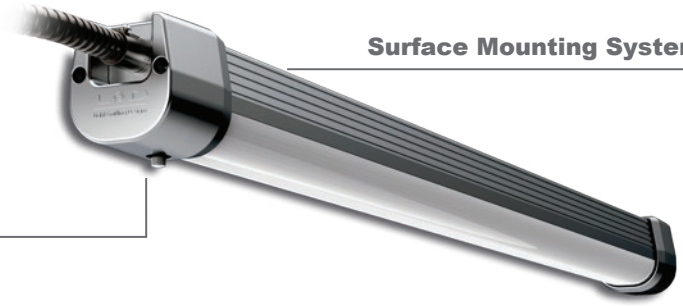
Mounting Options



Chain Mounting System - CH2



Dimmable
Motion Sensing

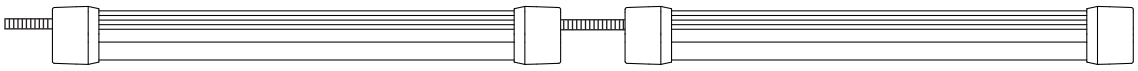


Surface Mounting System - SMH

Wiring Options

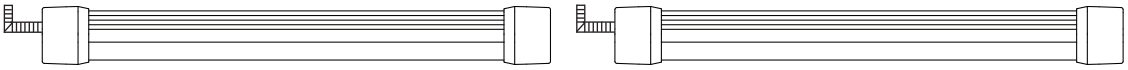


JS - Dual Junction Box with pre-drilled conduit hole on both ends of each fixture for series connection



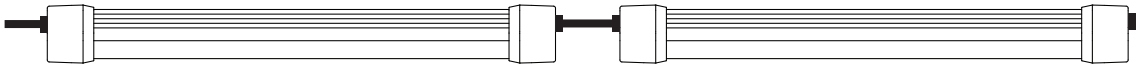


JP - Single Junction Box with pre-drilled conduit hole on one end of each fixture for parallel connection





WS - Dual Pre-Installed Cable Glands with single cable wire on one side of each fixture for series connection





WP - Single Pre-Installed Cable Gland with cable wire on one side of each fixture for parallel connection



LX1060 Series

LED Food Processing Linear Lighting - 60Watt

Ordering Information

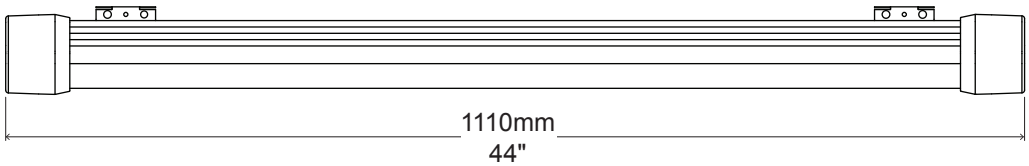
LX	Length & Wattage *	–	Wiring **	Optics	–	CCT	Driver & Control	–	Mounting ***
	0720 = 74cm / 29” / 20Watt 1040 = 111cm / 44” / 40Watt 1E40 = 111cm / 44” / 40/10Watt 1060 = 111cm / 44” / 60Watt 1E60 = 111cm / 44” / 60/10Watt 2080 = 211cm / 83” / 80Watt 2120 = 211cm / 83” / 120watt		JS = J-Box in Series JP = J-Box in Parallel WS = Cable in Series WP = Cable in Parallel	FL = Frosted Long CM = Clear Medium		30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable MS = Motion Sensor		SMH = Surface Mount CH2 = 2 Chain Mount

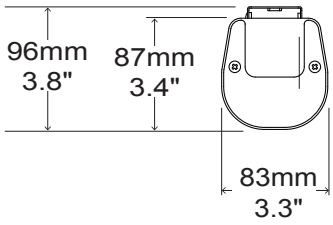
* LX1E emergency battery back up is available in standard 40 and 60 Watt configurations with an all-inclusive charger, battery, indicator and test switch.
** When ordering JS or JP Wiring options, please specify required conduit hole diameter.
*** Multi Mount system comes standard enabling surface, threaded rod and chain mounting.

Example

Part Number	Part Description
LX1060-JSFL-50DM-SMH	LED Food Processing Linear Light / 111cm - 44” / 60Watt / 100-277VAC / J-Box in Series / Frosted Long / 5000K Cool White / Dimmable / Surface Mount

External Dimensions





Packaging Information

Case Quantity	Dimensions (LxWxH)	Weight
6	117 x 36 x 21 cm 46 x 14 x 8.3 in	18 kg 40 lbs

LX1060 Series

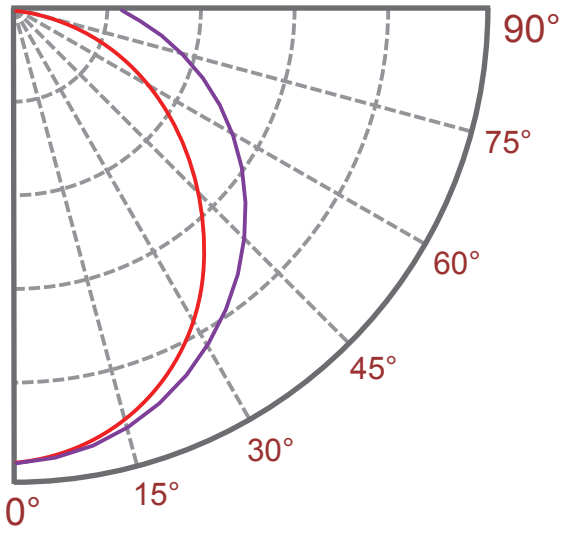
LED Food Processing Linear Lighting - 60Watt

Specification - Clear Medium / Emergency Battery Back Up

Model	LX1060	LX1E60**
Fixture Watts *	60 W	10 W / 90min
Lumens (Total) *	10,080 lm	1,800 lm
Efficacy *	168 lm / W	180 lm / W
Number of LEDs & Driving Current	286@65mA	208@22mA
T_S - Solder Point Temp *	56°C / 133°F	38°C / 100°F
L70 Rating @ T_a 25°C	>90K hours	>140K hours
Light Beam Angle	155° @ 80% Flux	
Operational Temperature (T_a)	-40° ~ 55°C / -40° ~ 131°F	
Input Voltage	100-277VAC 50~60Hz	
LED Model	Lumileds / Nichia / Cree	
CRI	>80	
Lighting Control	Dimmable (0-10V, PWM) / Motion Sensor	
Warranty	7-Year Limited	
Storage Temperature / Humidity	-40° ~ 80°C / -40° ~ 176°F / IP69K Rated Fixture	
Transient Surge Protection	6kV / 3kA (L-L, L-G)	

* Test data @ Ta 25ºC. All lumen values have ±7% tolerance
**LU1E emergency battery back up series is available in standard 40 and 60 Watt configurations with an all-inclusive inverter, indicator, and test switch.

Light Distribution Curve



Zonal Lumen Summary

Zone (°)	Lumens	% Fixture
0-30	2256	22.4%
0-60	6579	65.3%
0-90	9209	91.4%
0-120	9957	98.8%
0-150	10070	99.9%
0-180	10080	100%

LX1060 Series

LED Food Processing Linear Lighting -60Watt

Specification - Frosted Long / Emergency Battery Back Up

Model	LX1060	LX1E60**
Fixture Watts *	60 W	10 W / 90min
Lumens (Total) *	9,120 lm	1,660 lm
Efficacy *	152 lm / W	166 lm / W
Number of LEDs & Driving Current	286@65mA	208@22mA
T_S - Solder Point Temp *	58°C / 136°F	39°C / 102°F
L70 Rating @ T_a 25°C	>90K hours	>140K hours
Light Beam Angle	155° @ 80% Flux	
Operational Temperature (T_a)	-40° ~ 55°C / -40° ~ 131°F	
Input Voltage	100-277VAC 50~60Hz	
LED Model	Lumileds / Nichia / Cree	
CRI	>80	
Lighting Control	Dimmable (0-10V, PWM) / Motion Sensor	
Warranty	7-Year Limited	
Storage Temperature / Humidity	-40° ~ 80°C / -40° ~ 176°F / IP69K Rated Fixture	
Transient Surge Protection	6kV / 3kA (L-L, L-G)	

* Test data @ Ta 25ºC. All lumen values have ±7% tolerance
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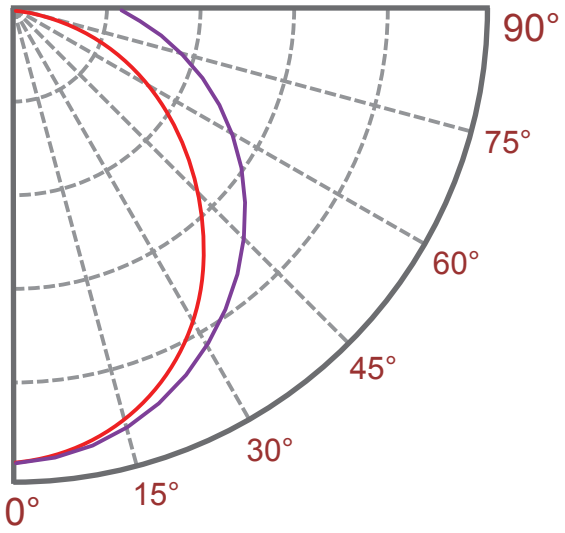
Light Distribution Curve



Zonal Lumen Summary

Zone (°)	Lumens	% Fixture
0-30	2041	22.4%
0-60	5953	65.3%
0-90	8332	91.4%
0-120	9009	98.8%
0-150	9111	99.9%
0-180	9120	100%

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