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EPL-SL-5-12X-FL1524-LED-E2E

Explosion Proof LED Aluminum String Lights - 5 Lights - 12' Spacing - Daisy Chain - 2' Drop Lights

Product ID: 105805

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EPL-SL-5-12X-FL1524-LED-E2E String Lights

Lamp Type: LED Tube Lamp
Lamp Type: LED
Dimensions: Lamp Only- L-27 " Dia-3.25"
Single Lamp Weight: 4 lbs
Total Weight: 55 lbs
Lamp Lengths: 2 Foot
Voltage: 120-277V AC or 11-25V AC/DC
Total Watts: 75 watts
Lumens per Lamp: 1800
Total Lumens: 9000
Luminous Efficiency: 120 Lumens per Watt
Lamp Life: 50,000+ Hours
Color Temp: 5600K
Mounting: Aluminum Hook
Handlamp Wiring: 2` 16/3 SOOW Cable Drop from Backbone
Wiring: 83` 14/3 SOOW Cable - 12` between lamps - 25` input whip - 10` output whipet
Total Length: 83`
Cord Cap: Explosion Proof 5-20 or 6-20 Straight Blade Plug

U.L. Ratings

Class 1, Division 1 & 2 for Group D
Class II, Division 1 Groups E, F, G
Class III, Division 1 & 2

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics EPL-SL-5-12X-FL1524-LED-E2E Hazardous Area LED String Light Set is UL Listed Class 1 Division 1 & 2. The 2 foot long 15 watt LED tube lamps on this this hazardous location light set provide higher quality light than higher wattage incandescent lights and more light than previous fluorescent lamp equipped models. This string light set is suitable for exposure to vapors and dusts and ideal for use in confined spaces like fuel tanks or grain storage areas and inspection activities in hazardous locations requiring explosion proof protection.

This 5 lamp explosion proof LED string light set from LarsonElectronics.com contains a total of five 15 watt 2` LED work lights equipped with aluminum hooks and connected in series along 83 feet of 14/3 SOOW explosion proof cord. Each lamp on this hazardous location area stringer features a rugged, non-sparking aluminum casing and unique rod cage and produces cool, glare-free, shadowless light that improves safety in hazardous locations and maximizes lighting efficiency with built-in metal reflectors. A T junction is mounted every twelve feet, with two feet of 16/3 SOOW cord connecting a single drop light to the backbone. The cord on this unit is terminated in a Class 1, Division 1 explosion proof plug for complete protection. With this arrangement, each drop light cannot spark if pulled apart or dragged. An 10 foot tail section of main SOOW cord is included to allow ample length for connection to power sources. An explosion proof outlet at the end of the backbone provides the ability to conenct multiple units end to end, allowing operators to daisy chain multiple stringers together along the jobsite.

These LED lights improve on the desirable qualities of similar fluorescent models with higher output and better light quality and are ideal for paint booth applications, storage container inspections, and applications involving confined spaces such as tank cleaning and industrial container maintenance.The high light output, good light color and evenness of coverage makes these string lights ideal for a wide variety of close quarter work and inspection activities. These lamps are universal voltage and can operate on a range of voltages from 110 volts to 277 volts AC 50/60 Hz. We also offer a low voltage model that operates on 12-24 volts AC/DC.

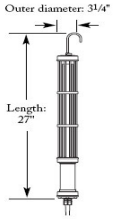


40` Container Dark

Click Photos to Enlarge



Container With EPL-SL-10-FL1524-LED



Click Photos to Enlarge

Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting

diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.
The 15-watt LED lamp used in this unit provides as much illumination as higher-wattage incandescent lamps without the associated heat, reducing the chances of accidents or burns. This lamp has no ballast, which reduces lamp weight, an impact resistant tube shield with specially designed annealed glass, and an aluminum hook for easy overhead mounting. This unit incorporates (5) 15 watt LED drop lights connected in series and is suitable for use in areas where petrochemical vapors and various dusts are present. The output of this string light is stronger and of better quality than sets equipped with 100 watt incandescent bulbs, yet it uses only 15% as much electrical current.

Lamp Features

2 foot 15 watt LED Tube Lamp 50,000 hour service life
Non-sparking aluminum housing
No Ballast
Molded rubber bumper guards
Annealed glass tube shields prevent shattering
Integrated lamp shock absorbers prevent drop damage to bulbs
Swivel hook for hanging and hands free operation
14/3 Backbone with 16/3 Drops

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Frequently Asked Questions (FAQ)









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Product ID: 105805

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPL-SL-5-12X-FL1524-LED-E2E-Voltage

Example: EPL-SL-5-12X-FL1524-LED-E2E-120V

Voltage	
120V AC	-120V
240V AC	-240V
24V AC/DC	-24V

Links (Click on the below items to view):

- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **Video1**
- **Video2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**