

EPL-SL-10-FL1524-LED

Explosion Proof LED Aluminum String Lights - Class 1 Div 1 - 10 Lights - SOOW Cord

Product ID: 49627



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-10-FL1524-LED String Lights

Listing: United States
Dimensions: Lamp Only- L-27 " Dia-3.25"
Weight: 14.5 lbs per unit
Total Watts: 150 watts
Voltage: 120-277V AC or 11-25V AC/DC
Lamp Lengths: 2 Foot
Mounting: Aluminum Hook
Wiring: 95' 14/3 SOOW Cable - 10' between lamps - 25' input whip
Lamp Type: LED Tube Lamp

Ratings

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

Special Orders- Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
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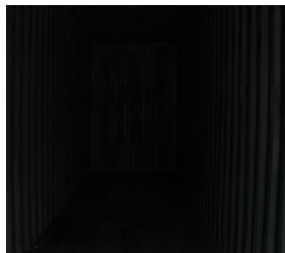
Made in the USA

The Larson Electronics EPL-SL-10-FL1524-LED Hazardous Area LED String Light Set is approved 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 10 lamp explosion proof LED string light set from LarsonElectronics.com comes complete with a 90 foot long explosion proof cord for long range and convenient operation. Each lamp on this hazardous location area string light set 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. 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 from 120-277V AC or 11-25V AC/DC.



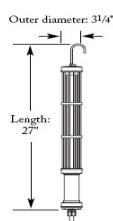
40' Container Dark



[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 10 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 10% as much electrical current.

This unit incorporates ten explosion proof hand lamps connected in series and is suitable for use in areas where petrochemical vapors and various dusts are present. The aluminum housings, rubber bump guards, and abrasion resistant cord make this a very durable unit that will resist damage from chemicals, abrasion, vibrations and impacts. This string lighting solution will provide the lighting you require in a flexible, easy to manage configuration. The hand lamps can be moved around and hooked to different points on your scaffold. The lights, however must remain within 10 feet of one other. A T-junction is mounted every ten feet, with 2 feet of 16/3 SOOW cord connecting a single drop light to the 14/3 backbone.

[Click Photos to Enlarge](#)



5-15 Straight Blade Plug

6-20 Straight Blade Plug

A 25' input whip terminated in an explosion proof cord cap completes the explosion proof protection of this string light. Cord cap options include a 5-15 15 amp straight blade plug for use with 120V explosion proof outlets or a 6-20 20 amp straight blade plug for use with 220-240V explosion proof outlets.

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
- Explosion proof cord









Frequently Asked Questions (FAQ)