

EPL-SL-3-FL1524-LED-TXF-220V

Explosion Proof LED Aluminum String Lights - C1D1 - 220-240V - 3 Lights - SOOW Cord - 2' Drop Lights

Product ID: 222550

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-3-FL1524-LED-TXF-220V String Lights

Lamp Type: LED Tube Lamp

Dimensions: Lamp Only 27"L; 3.25" Diameter

Weight: 50 lb (14.5 lb per lamp)

Total Watts: 45 Watts

Voltage: 220-240 VAC 50/60Hz Stepped Down to 24 V AC/DC

Lamp Lengths: 2 Foot

Mounting: Aluminum Hook

Wiring: 10' 14/3 SOOW Between Each Lamp; 20' 16/3 SOOW Between First Lamp & Transformer; 10' 16/3 SOOW Between Transformer & General Area 220 V Cord Cap

Cord Cap Options: 6-15, 6-20, L6-15, L6-20, BS1363, Schuko, or Pigtail

U.L. Ratings

Class I, Divisions 1 & 2, Group D

Class II, Division 1 Groups E, F, G

Class III, Division 1 & 2

Special Orders- Requirements

Contact us for special requirements

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Made in the USA

The EPL-SL-3-FL1524-LED-TXF-220V from Larson Electronics is a Hazardous Area LED String Light Set that is U.L. approved Class I Divisions 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. The EPL-SL-3-LED-TXF-220V

features an inline transformer that steps down 220-240 V, 50/60 Hz line-in voltage to the 24 volts required to operate the lamps. Twenty feet of cord is included between the transformer and the first lamp with ten feet of spacing between each lamp.

PLEASE NOTE: THE TRANSFORMER MUST BE LOCATED OUTSIDE THE HAZARDOUS LOCATION

This 3 lamp explosion proof LED string light set from Larson Electronics.com comes complete with a 30 foot long explosion proof cord for long range and convenient operation. 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. 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.

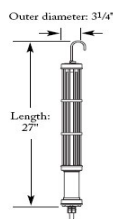
This explosion proof string light set from Larson Electronics contains a total of three 15 watt work lights equipped with aluminum hooks and connected in series along 30 feet of 12/3 SOOW explosion proof cord. A molded T junction is mounted every ten feet, with 3 feet of 14/3 SOOW cord connecting a single drop light to the 12/3 SOOW backbone. The cord on this unit is terminated with a choice of 220 V cord caps. Please make your selection below when ordering. With this arrangement, each drop light cannot spark if pulled apart or dragged. A 20 foot section of 16/3 SOOW cord connects the first lamp and the transformer while a 10 foot tail section of 16/3 SOOW cord is included to allow ample length for connection to power sources.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. 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 is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life. LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

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. This unit is configured to operate on 220-240 V, 50/60Hz current that is stepped down via an inline transformer to the 24 V required to operate the lamps.



40' Container Dark



Click Photos to Enlarge



Container With EPL-SL-10-FL1524-LED

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 (3) 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.

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L6-15 Twist Lock Plug
15 Amp / 250V Rated



UK BS1363 Straight Blade Plug
13 Amp / 250V Rated / Internal Fuse



Intl Schuko 2-Pin Plug
16 Amp / 250V Rated / Grounded



Flying Leads / Pigtail Wires

Wiring/Plug: This explosion proof LED string light set is equipped with 10 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for easy connection to common wall outlets. An additional 20 feet of 16/3 cord is outfitted between the transformer and first lamp with 10 feet of 12/3 SOOW spacing between each individual lamp. Plug options include standard 6-15 15 amp straight blade plug for 220-240V wall outlets with ground, standard 6-20 20 amp straight blade plug for 220-240V wall outlets with ground, NEMA L6-15 15 amp twist lock plug for 240V twist lock outlets, NEMA L6-20 20 amp twist lock plug for 240V twist lock outlets, British BS1363 13 amp fused 3-blade plug for United Kingdom outlets, or a two pin 16 amp rated Schuko plug with ground contact and socket for European outlets up to 250V. Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.



Frequently Asked Questions (FAQ)









EPL-SL-3-FL1524-LED-TXF-220V

Product ID: 222550

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPL-SL-3-FL1524-LED-TXF-220V-Cord Cap

Example: EPL-SL-3-FL1524-LED-TXF-220V-6.15

Cord Cap	
6-15 STRAIGHT	-6.15
6-20 STRAIGHT	-6.20
L6-15 TWIST	-L6.15
L6-20 TWIST	-L6.20
UK BS1363	-BS1363
INTL SCHUKO	-SCHUKO
PIGTAIL	-PIGTAIL

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- [HigResPic1](#)
- [Video1](#)
- [Video2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)