Larson Electronics LLC
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Phone: 800.369.6671

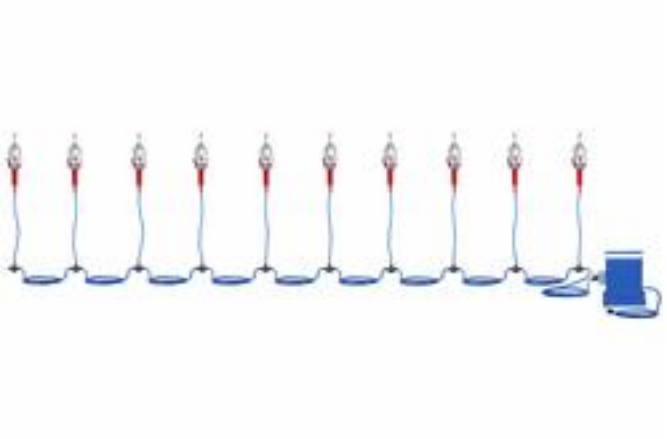
www.LarsonElectronics.com
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**EPL-SL-10-TXF**

# Explosion Proof String Light - 10 Drop Lights - Spans 100ft - Includes 120/240VAC to 12/24V DC Xfmr

**Product ID: 68759**

**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-10-TXF**
**UL Listing: United States**
**Dimensions- Each Lamp:** L-16.5" Diam-5"
**Total Watts:** 1000, 750, or 260 Depending on Lamps
**Single Lamp Watt:** 26, 75 or 100 watts
**Input Voltage:** Universal Voltage 120-277V AC 50/60 Hz
**Output Voltage:** 24V DC
**Amps:** 6.25 (75W), 5 (60W), or 2.17 (26W) @ 120V AC
**Mounting:** Handheld / Hanging via Aluminum Hooks
**Wiring:** 90` 14/3 SOOW Cable - Twist Lock Plug - Inline Stepdown Transformer
**Transformer Wiring:** 3` 14/3 SOOW Cable
**Total Length:** 115`
**Single Lamp Weight:** 5lbs
**Total Weight:** 120lbs

**U.L. Ratings**
Class 1, Division 1, Groups C, D (75 Watt)
Class 1, Division 2, Groups C, D (75 Watt)
Class 2, Division 1, Groups, F, G (60 Watt)
Class 2, Division 1, Groups, F, G (60 Watt)
Class 1, Zone 1, Group IIB
NEMA 4X

**Special Orders - Special Requirements**
Contact us for special requirements

**Toll Free:** 1-800-369-6671
**Intl:** 1-903-270-1187
**Fax:** 1-903-498-3364
**E-mail:** sales@larsonelectronics.com

## Made in the USA

**The Larson Electronics EPL-SL-10-TXF Explosion Proof String Light set is UL Listed Class 1 Division 1 Groups C and D, and is ideal for general close work and inspection activities in hazardous locations requiring explosion proof protection. Included with this temporary stringer is a portable power transformer, inverting high voltage input to low voltage output for powering the explosion proof hand lamps**

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Click here to see the LED version of this light

This explosion proof string light set from Larson Electronics contains a total of ten, 26 watt, 60 watt, or 75 watt work lights depending upon configuration, equipped with aluminum hooks and connected in series along 90 feet of 14/3 SOOW explosion proof cord. A molded T junction is mounted every ten feet, with 3 feet of 16/3 SOOW cord connecting a single drop light to the backbone. With this arrangement, each drop light cannot spark if pulled apart or dragged. The cord on this unit is terminated with . An 25 foot tail section of main SOOW cord is terminated in an industrial grade twist lock cord cap to securely connect to the transformer, allowing ample length for connection to power sources. The portable step-down transformer operates on 120 volts or 240 volts AC and steps it down to 24 volt DC to power the low voltage drop lights.

Click Photo to Enlarge

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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 machined aluminum housings, cast aluminum guard, tempered glass lamp globe, 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. Each molded T section contains a hook eyelet, allowing operators to suspend the entire backbone off the ground and out of the work space.
This stringer light set is Class 1, Division 1 rated for Groups C and D with the 75 watt bulb option and Class II, Division 1 Groups F and G with a 60 Watt bulb maximum for compliance to the Class 2 rating. This unit qualifies for both Class 1 Division 1 and Class 2 Division 1 with the optional 26 Watt Compact Fluorescent bulb. Choose your lamp wattage and type below when ordering. This unit can also be ordered in 120VAC, 220VAC or 240VAC configuration for operation with these voltages.

**Stringer Energy Consumption Comparison**

| | Incandescent | CFL | LED |
|---|---|---|---|
| Wattage | 750 watts | 260 watts | 100 watts |
| Amp Draw @ 120V AC | 6.25 amps | 2.17 amps | 0.84 amps |
| Amp Draw @ 24V DC | 31.25 amps | 10.84 amps | 4.17 amps |
| Lamp Life Expectancy | 1,500 hours | 8,000 hours | 50,000 hours |
| Color Temperature | 2800K | 4300K | 6000K |
| Operation cost per year (8hs/day @ 11c/kWh) | $240.9 | $83.52 | $32.12 |

**Made in USA Quality**

1. Federal Spec Cord.
2. Explosion Proof.
3. Total of 10- 75 watt, 60 watt or 26 Watt Lamps.
4. Non-sparking aluminum construction.
5. UL Class 1 Div 1 Class 2 Div1
7. 120VAC Operation
8. SOOW cable.
9. Aluminum Hooks for Convenient Placement.
10. Portable step down transformer for low voltage operation.

**Lamp Features**

Up to 1000 watts of illumination
Non-sparking aluminum housings
Light weight mold T Junctions
Cast aluminum guard prevent lamp or globe damage
Tempered Soda-Lime Glass Lamp Globe
Integrated lamp shock absorbers prevent drop damage
Swivel hook for hanging and hands free operation
14/3 SOOW Abrasion Resistant Cable

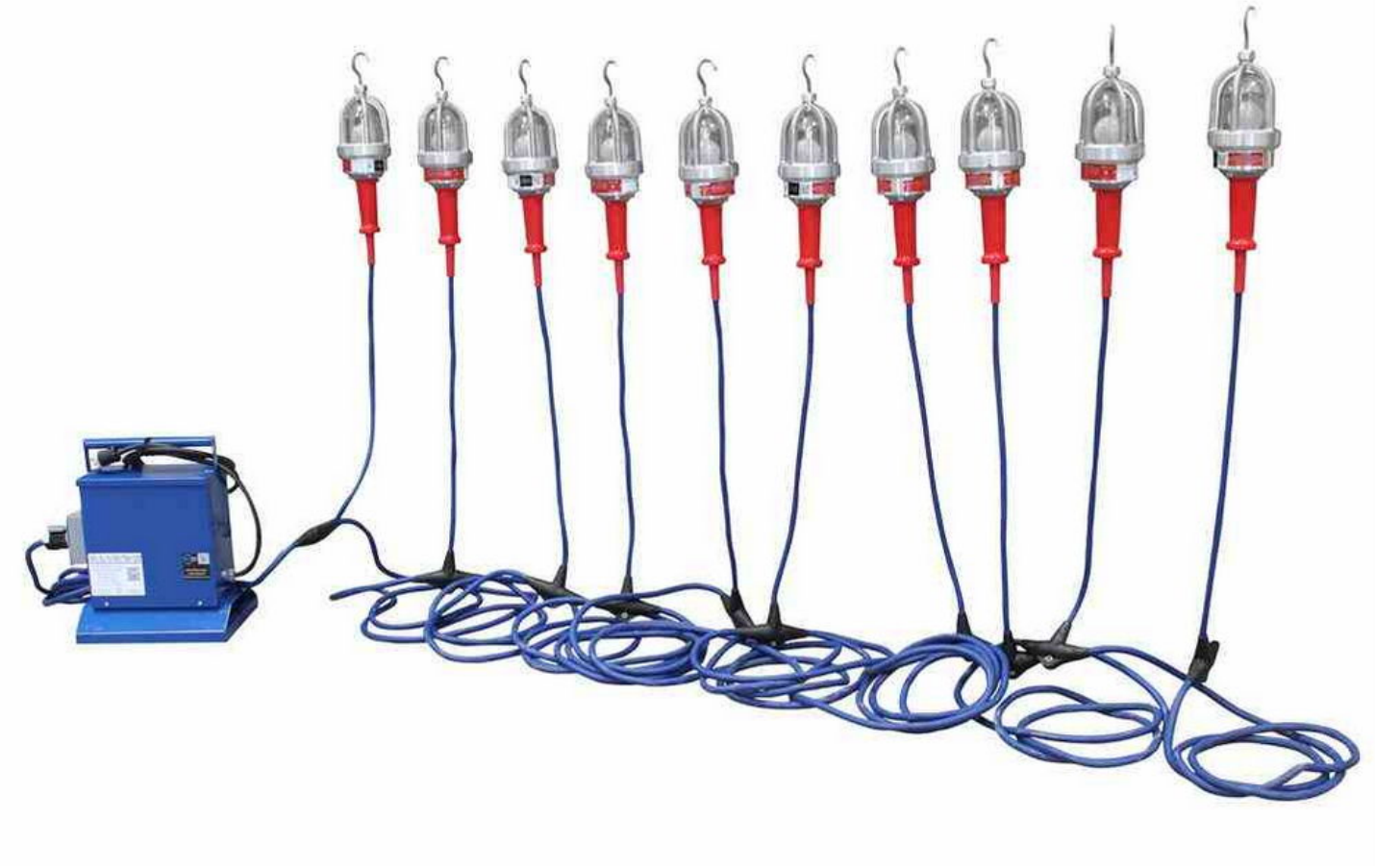
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# Frequently Asked Questions (FAQ)




EPL-SL-10-TXF-75W-120V




2311
L5-20P

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**EPL-SL-10-TXF**

**Product ID: 68759**

**Harmonized System (HS) Code:** 85131000

**Export Control Classification Number (ECCN):** EAR99

**Options:**

**EPL-SL-10-TXF-Wattage-Input Voltage-Output Voltage**

**Example: EPL-SL-10-TXF-100W-120V-12VDC**

| Wattage | |
|---|---|
| 100W | -100W |
| 60W | -60W |
| 75W | -75W |
| 26W | -26W |

| Input Voltage | |
|---|---|
| 120V60HZ | -120V |
| 220V50HZ | -220V |
| 240V/60HZ | -240V |

| Output Voltage | |
|---|---|
| 12V DC | -12VDC |
| 24V DC | -24VDC |

Links (Click on the below items to view):

- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- CE Certificate
- Certificate 1, Misc
- Certificate 2, Misc
- Certificate 3, Misc
- Dimensional Drawing 2D
- MSDS (Material Safety Data Sheet
- Operations Manual
- RoHS Certificate (Restriction of Hazardous Substances)
- STEP File (3D CAD Model)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- Video1
- Video2
- Video3
- Video4
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map