Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

EPL-SL-8X75-220V-12V-TXF

Explosion Proof String Lights - 8 X 75 Watt Lights - Class 1, Division 1 - 220/240VAC to 12VAC

Product ID: 50958

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-8X75-220V-12V-TXF
UL Listing: United States
Dimensions - Each Lamp: L-16.5" Diam-5"
Total Watts: 600
Single Lamp Watt: 75 watts
Voltage: 220V / 230V / 240V AC 50Hz
Amps: .6 on 220 Volts
Mounting: Aluminum Hooks
Wiring: SEOOW
Plug End Wiring: 3` 14/3 Yellow SOOW Cable w/ 220V Cord Cap
Cord Cap Options: 6-15P, 6-20P, BS1363, Schuko or Flying Leads
Transformer Type: 220 to 12VAC Within NEMA 3R Enclosure
Total Length: 100`
Total Weight: Lamps and Transformer- 265lbs
Weight: Lamps- 200lbs
Weight: Transformer- 65lbs

Ratings/Approvals
Class 1, Division 1 Groups C, D
Class 2, Division 2 Groups , F, G

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-8X75-220V-12V-TXF Explosion Proof String Light set is UL Listed Class I Division 1 Groups C and D and is ideal for general close work and inspection activities in hazardous locations requiring explosion proof protection.

This 600 Watt explosion proof string light set from Larson Electronics contains eight, 75 watt incandescent drop lights equipped with aluminum hooks, connected

in series along 80 feet of 10/3 SOOW explosion proof cord. A sealed aluminum junction box is mounted every ten feet, with 3 feet of 16/3 SOOW cord connecting a single drop light to each junction box. The cord on this unit is terminated with a twist lock plug for connection to the included 220V AC to 12V AC transformer. With this arrangement, each drop light cannot spark if pulled apart and the aluminum junction boxes will not spark if dragged. 20 additional feet of the main SOOW cord can be left outside the tank to connect to the transformer.
The included portable transformer converts 220 Volts AC to 14 Volts AC for the 12 Volt 75 Watt incandescent drop lights. The transformer is enclosed within a NEMA 3R enclosure and includes a twist lock receptacle and weather proof cover. This transformer is mounted on a stand and has a 3 foot 14/3 yellow SOOW cord with a choice of 220V cord cap.

Click Photo to Enlarge | Click Photo to Enlarge | Click Photo to Enlarge

---

This unit incorporates eight 75 watt incandescent drop lights connected in series and is suitable for use in areas where petrochemical vapors and various dusts are present. The aluminum housings with rubber bumper guards, polycarbonate lamp covers 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.

Click Photos to Enlarge



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 light fixture is equipped with 3 feet of yellow 14/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for easy connection to common wall outlets. Plug options include standard 6-15 15 amp straight blade plug for 220-240V wall outlets with ground, NEMA L6-15 15 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.

Made in USA Quality

1. SEOOW Backbone
2. Explosion Proof (Class I & Class II)
3.8 X 75 Watt Lamps for 600 Total Watts.
4. Rugged fabricated steel and cast aluminum construction.
5. Blue and Gray paint finish.
6. UL Class I Div1 Class II Div2
7. 220V/230V/240V AC to 12VAC Operation
8. SEOOW cable.
9. Aluminum Hooks for Convenient Placement.
10. Choice of 220V cord cap.

Lamp Features

Each drop light produces 75 watts of illumination
Non-sparking aluminum housing
Non sparking aluminum junction boxes
Molded rubber bumper guard
polycarbonate shields prevent bulb damage
Integrated lamp shock absorbers prevent drop damage
Swivel hook for hanging and hands free operation
Explosion proof cord

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Frequently Asked Questions (FAQ)



Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364







Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

EPL-SL-8X75-220V-12V-TXF

Product ID: 50958

Harmonized System (HS) Code: 85131000
Export Control Classification Number (ECCN): EAR99

Options:

EPL-SL-8X75-220V-12V-TXF-Cord Cap

Example: EPL-SL-8X75-220V-12V-TXF-6.15P

Cord Cap	
6-15P	-6.15P
6-20P	-6.20P
BS1363	-BS1363
SCHUKO	-Schuko
FLYING LEADS	-Pigtail

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**
- **MSDS (Material Safety Data Sheet**
- **RoHS Certificate (Restriction of Hazardous Substances)**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **Video1**
- **Video2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**