

EPL-SL-5X75-12V-TXF

Explosion Proof String Lights - 5 X 100 Watt Lights - Class I Division 1 - Includes stepdown xmfr

Product ID: 144817

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-5X75-12V-TXF

UL Listing: United States

Dimensions- Each Lamp: L-16.5" Diam-5"

Total Watts: 800

Single Lamp Watt: 100 watts

Voltage: 120V, 220V or 240V AC 50/60 Hz -Stepped down to 12V AC Via Stepdown Transformer

Amps: 8.3 on 120 Volts (0.83 individually)

Mounting: Aluminum Hooks / Handheld

Wiring: SOOW

Transformer Type: 120 OR 220 to 12V AC Within NEMA 3R Enclosure

Total Length: 100' - 10' 10/3 SOOW between lamps - 25' 10/3 SOOW between first lamp and transformer - 10' 16/3 between transformer and cord cap

Cord Cap: 5-15, 6-15, L5-15, L6-15, BS1363, Schuko, or Pigtail

Total Weight: Lamps and Transformer- 258lbs

Weight: Lamps- 193lbs

Weight: Transformer- 65lbs

U.L. Ratings

Class I Division 1 Groups C & D(100W)

Class I Division 2, Groups C, D (100W)

Class II Division 1 Groups F & G (75W)

Class II Division 1 Groups F & G (75W)

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-5X75-12V-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 500 Watt explosion proof string light set from Larson Electronics contains five 100 watt drop lights equipped with aluminum hooks, connected in series along 75

feet of 16/3 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 an industrial grade plug for connection to the included 120V AC, 220V AC, or 240V AC 50/60Hz 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. 25` additional feet of the main SOOW cord can be left outside the tank to connect to the transformer.

The included portable transformer converts 120/220 Volts AC to 12 Volts AC for the 12 Volt 100 Watt 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 25 foot 16/3 SOOW cord with standard cord plug.



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This unit incorporates five 100 watt 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 move around and hooked to different points on your scaffold.

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5-15 Straight Blade Plug
15 Amp / 125V Rated



L5-15 Twist Lock Plug
15 Amp / 125V Rated



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

Plug: Plug options include standard 5-15 15 amp straight blade plug for 110V wall outlets with ground, standard 6-15 15 amp straight blade plug for 220-240V wall outlets with ground, NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets, 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.

Made in USA Quality

1. SOOW Backbone
2. Explosion Proof (Class I & Class II)
- 3.5 X 100 Watt Lamps for 500 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. 120V AC or 220V AC to 12V AC Operation
8. SOOW cable.
9. Aluminum Hooks for Convenient Placement.

Lamp Features

Each drop light produces 100 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

Frequently Asked Questions (FAQ)







EPL-SL-5X75-12V-TXF

Product ID: 144817

Harmonized System (HS) Code: 85131000

Export Control Classification Number (ECCN): EAR99

Options:

EPL-SL-5X75-12V-TXF-Input Voltage-Cord Cap

Example: EPL-SL-5X75-12V-TXF-120VAC-5.15

Input Voltage	
120V AC	-120VAC
220V AC	-220VAC
240V AC	-240VAC

Cord Cap	
5-15 STRAIGHT	-5.15
6-15 STRAIGHT	-6.15
5-20 STRAIGHT	-5.20
6-20 STRAIGHT	-6.20
L5-15 TWIST	-L5.15
L6-15 TWIST	-L6.15
L5-20 TWIST	-L5.20
L6-20 TWIST	-L6.20
UK BS1363	-BS1363
INTL SCHUKO	-SCHUKO
PIGTAIL	-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](#)
- [Operations Manual](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [Wiring Diagram](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [Video1](#)
- [Video2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)