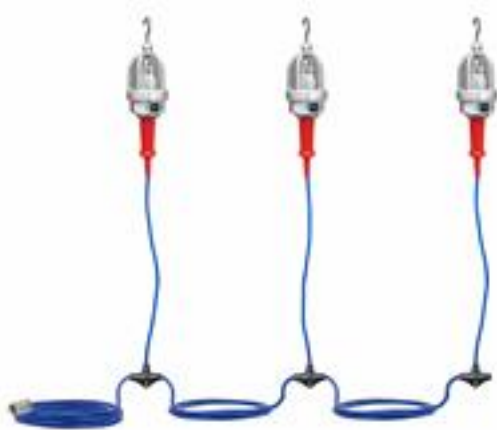


EPL-SL-3

Explosion Proof String Lights - 3 Hand Lamps - Class 1 & Class 2

Product ID: 72867

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-LED

UL Listing: United States

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

Total Watts: 300, 180, or 78 watts

Single Lamp Watts: 100, 60, or 28 watts

Voltage: 120-277V AC or 12-24V DC

Amps: 2.5A (100w) 1.5A (60W) op @ 120V AC

Mounting: Handheld / Hanging via Aluminum Hooks

Wiring: 45' 14/3 SOOW Cable - 10' between lamps - 25' input whip

Total Length: 45'

Single Lamp Weight: 6 lbs

Total Weight: 35 lbs

Approvals

Class 1, Divisions 1 & 2, Groups C, D (100W)

Class 2, Divisions 1 & 2, Groups, F, G (60W)

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-3-LED Explosion Proof String Light set is Class 1 Division 1 Groups C and D approved and is ideal for general close work and inspection activities in hazardous locations requiring explosion proof protection.

This explosion proof string light set from Larson Electronics contains a total of three, 26 watt, 75 watt or 100 watt work lights depending upon configuration, equipped with aluminum hooks and connected in series along 45 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. The cord

on this unit is terminated with a 1523P Class 1, Division 1 explosion proof plug for complete protection. With this arrangement, each drop light cannot spark if pulled apart or dragged. An 15 foot tail section of main SOOW cord is included to allow ample length for connection to power sources.

100 Watt Bulb



Molded T Connector w/ Hook
Ring

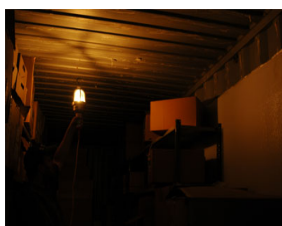


15' whip w/ EXP Plug

[Click Photos to Enlarge](#)

[Click Photos to Enlarge](#)

[Click Photos to Enlarge](#)



100 Watt Incandescent Bulb



With the EPL-SL-3-LED

This unit incorporates three 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 100 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

	<u>Incandescent</u>	<u>CFL</u>	<u>LED</u>
Wattage	300 watts	78 watts	30 watts
Amp Draw @ 120V AC	2.5 amps	0.65 amps	0.25 amps
Amp Draw @ 277V AC	1.08 amps	0.28 amps	0.11 amps
Amp Draw @ 12V DC	25 amps	6.5 amps	2.5 amps
Amp Draw @ 24V DC	12.5 amps	3.25 amps	1.25 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)	\$105.12	\$27.34	\$10.51

Made in USA Quality

1. Federal Spec Cord.
2. Explosion Proof.
3. Total of (3) 100 watt, 75 watt or 26 Watt Lamps.
4. Non-sparking aluminum construction.
5. Class 1 Div 1 Class 2 Div1

Lamp Features

100 watts of LED illumination
Non-sparking aluminum housings
Light weight mold T Juctions
Cast aluminum guard prevent lamp or globe damage
Tempered Soda-Lime Glass Lamp Globe

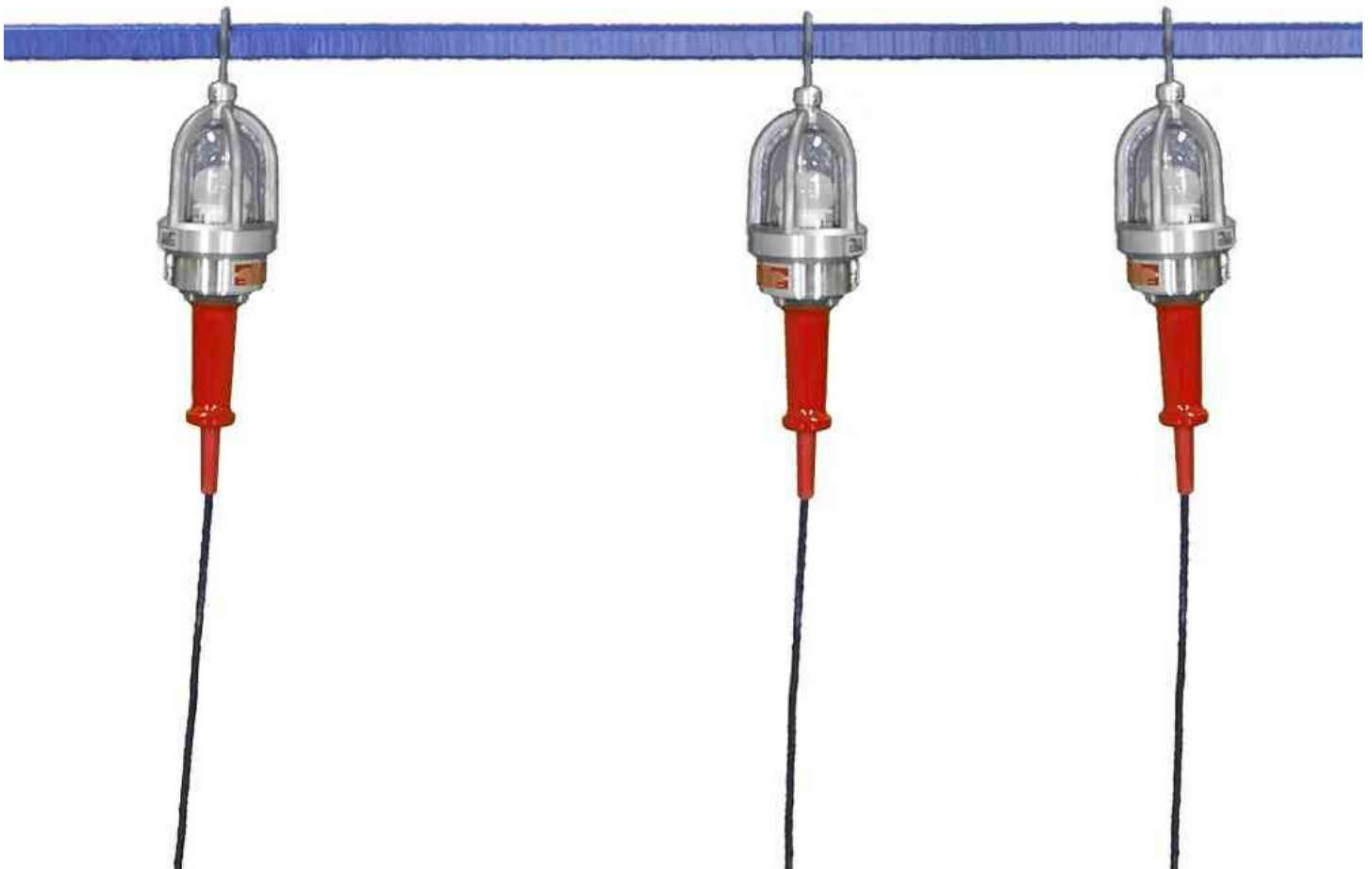
- 7. 120-277V AC or 12-24V DC Operation
- 8. SOOW cable.
- 9. Aluminum Hooks for Convenient Placement.

Integrated lamp shock absorbers prevent drop damage
Swivel hook for hanging and hands free operation
14/3 SOOW Abrasion Resistant Cable



Frequently Asked Questions (FAQ)









EPL-SL-3

Product ID: 72867

Harmonized System (HS) Code: 85131000

Export Control Classification Number (ECCN): EAR99

Options:

EPL-SL-3-Voltage-Cord Cap

Example: EPL-SL-3-1227-1523

Voltage	
120-277V AC	-1227
12-24V DC	-1224

Cord Cap	
5-15P	-1523
5-20P	-2023-125V
6-20P	-2023-250V

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 \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [Video1](#)
- [Video2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)