Larson Electronics LLC
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RNT-EPL-SL-10

RENTAL Explosion Proof String Lights - 10 Individual Incandescent Hand Lamps - Class I, Div. I

Product ID: 47481

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.

RNT-EPL-SL-10
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
Voltage: Stnd-120VAC-60Hz, 220VAC-50Hz, or 240VAC-60Hz
Amps: 8.34 (100W), 6.25 (75W), or 2.17 (26W) @ 120V AC

Mounting: Handheld / Hanging via Aluminum Hooks

Wiring: 115` 14/3 SOOW Cable - 10` between lamps - 25` input whip
Total Length: 115`

Cord Cap: 5-15 or 6-20 Explosion Proof Plug

Single Lamp Weight: 5lbs

Total Weight: 90lbs

Rental Type: Monthly, Weekly, Daily

In an effort to cut back on contracts and various other paper work, Larson Electronics processes rentals like purchases until the product is returned. (Rent to Own Rates) This means, we will charge the customer for the product total and credit back the difference once the fixture is returned. Weekly and Monthly terms are available. Customer must pay shipping to and from the destination. Please contact us at (903) 498-3363 for further information if required.

Rental Prices for the RNT-EPL-SL-10
Monthly..$543.00 USD
Weekly....$362.00 USD

U.L. Ratings
Class 1, Division 1, Groups C, D (100W)
Class 1, Division 2, Groups C, D (100W)
Class 2, Division 1, Groups, F, G (75W)
Class 2, 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

Subtract rental cost from total cost for the amount that will be credited back to customer upon return of product. Customer can choose to convert their rental to a purchase at any time during the rental period. When returned, deductions will also be made for shipping, repairs, and excessive cleaning, if needed.

Made in the USA

This unit is for rentals

The Larson Electronics RNT-EPL-SL-10 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.

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, 75 watt or 100 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. The cord on this unit is terminated with a Class 1, Division 1 explosion proof plug for complete protection. With this arrangement, each drop light cannot spark if pulled apart or dragged. An 25 foot tail section of main SOOW cord is included to allow ample length for connection to power sources.

100 Watt Incandescent Bulb



Molded T Connector w/ Hook Ring



25` whip w/ EXP Plug

Click Photos to Enlarge

Click Photos to Enlarge

Click Photos to Enlarge

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.

Click Photos to Enlarge



5-15 Straight Blade Plug



6-20 Straight Blade Plug

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. A 25` input whip terminated in an explosion proof cord cap completes the explosion proof protection of this string light. Cord cap options include a 5-15 15 amp straight blade plug for use with 120V explosion proof outlets or a 6-20 20 amp straight blade plug for use with 220-240V explosion proof outlets.

Stringer Energy Consumption Comparison

	Incandescent	CFL	LED
Wattage	1000 watts	260 watts	100 watts
Amp Draw @ 120V AC	8.34 amps	2.17 amps	0.84 amps
Amp Draw @ 277V AC	3.61 amps	0.94 amps	0.36 amps
Amp Draw @ 12V DC	83.34 amps	21.67 amps	8.34 amps
Amp Draw @ 24V DC	41.67 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)	$321.2	$83.52	$32.12

Made in USA Quality

1. Chemical and abrasive resistant cord
2. Explosion Proof.
3.Total of 10- 100 watt, 75 watt or 26 Watt Lamps.
4. Non-sparking aluminum construction.
5. UL Class 1 Div 1 Class 2 Div1
6. Red and gray paint finish
7. 120VAC Operation
8. SOOW cable.
9. Aluminum Hooks for Convenient Placement.

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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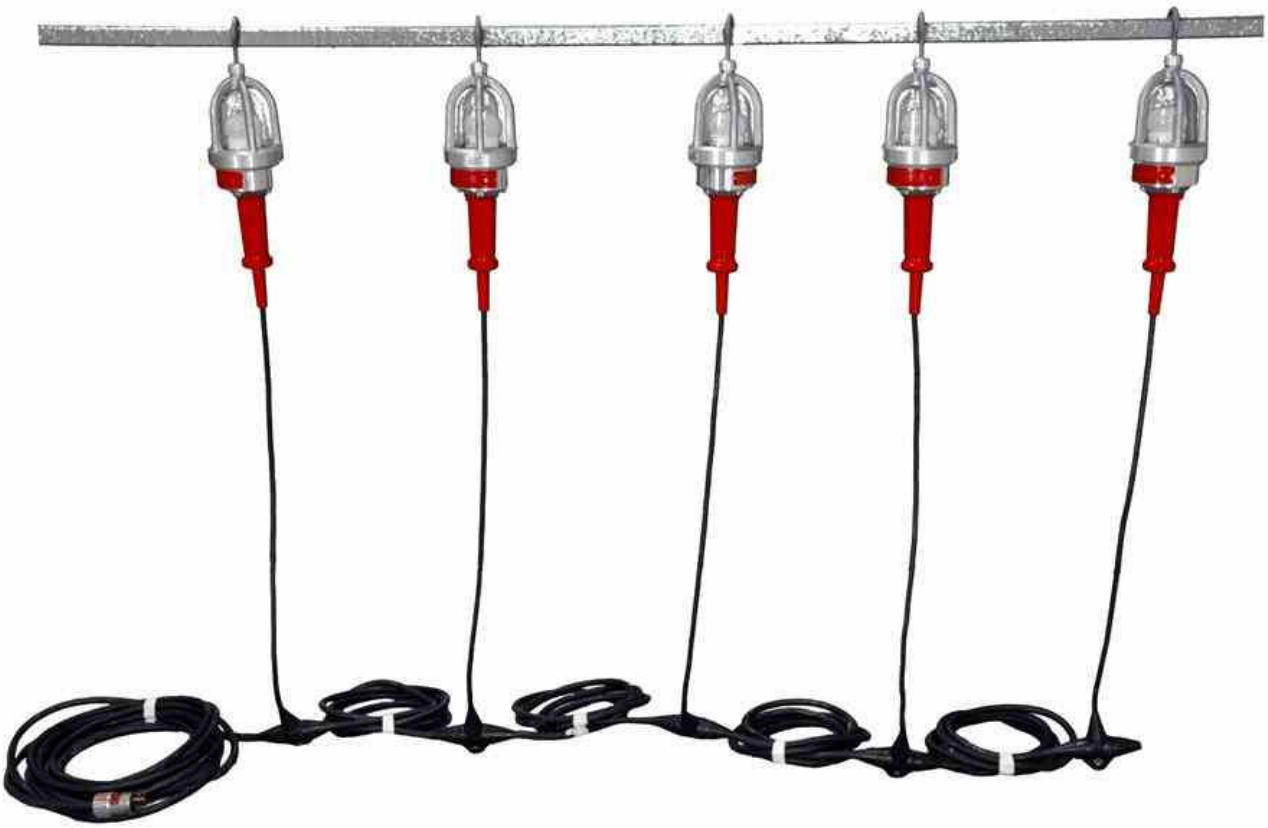
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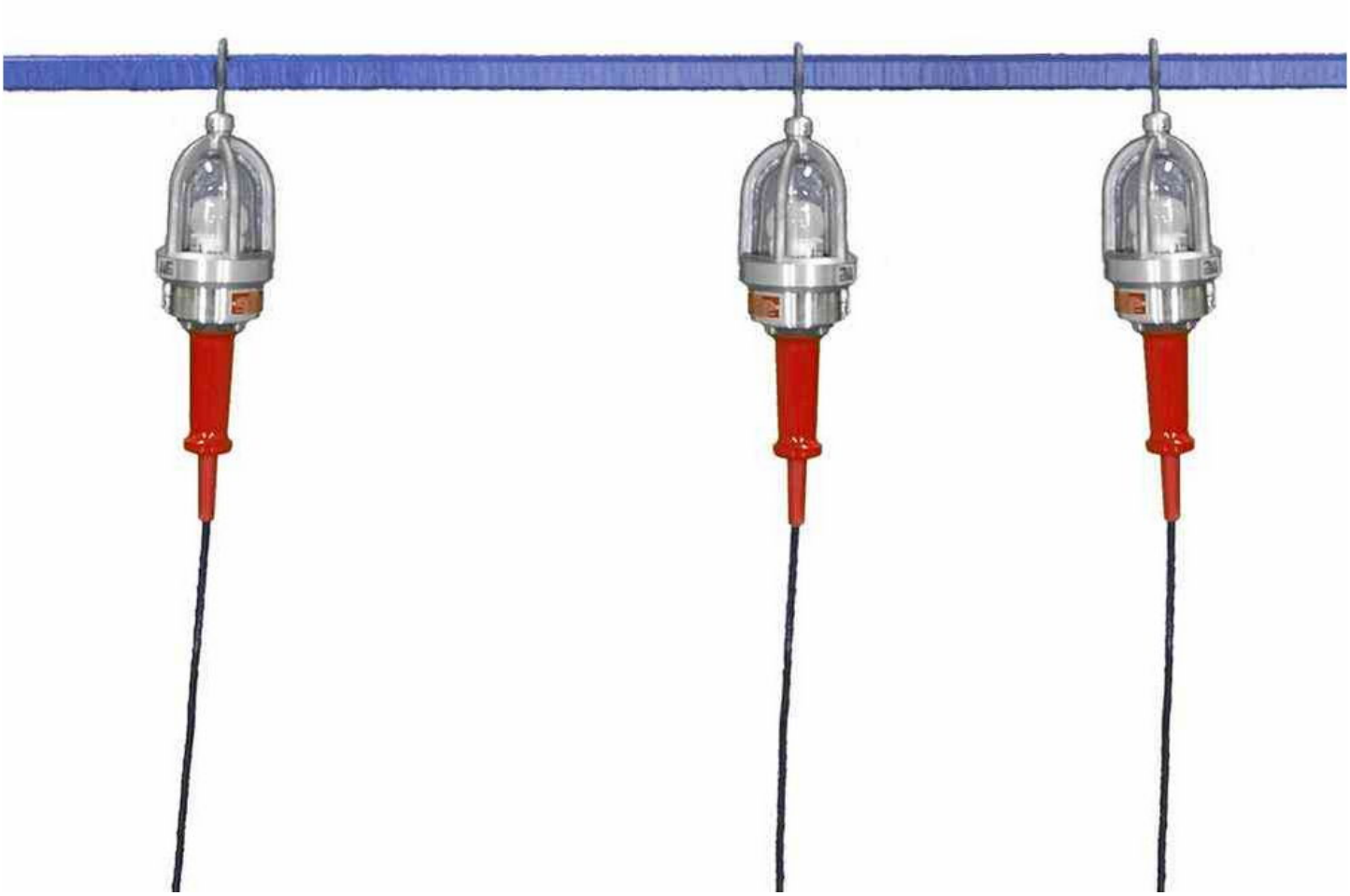
Frequently Asked Questions (FAQ)

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RNT-EPL-SL-10
Product ID: 47481

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

Options:
RNT-EPL-SL-10-Rental Length-Bulb Type-Voltage
Example: RNT-EPL-SL-10-MR-100W-120V

Rental Length	
MONTHLY	-MR
WEEKLY	-WR
DAILY	-DR

Bulb Type	
100W	-100W
75W	-75W
26W CFL	-26WCFL

Voltage	
120V60HZ	-120V
220V50HZ	-220V
240V/60HZ	-240V
12V	-12V
24V	-24V

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