

HAL-RSL-100-C1D1-X12I-1227

200W Explosion Proof LED Rope Light - 100' Length - 120VAC - C1D2

Product ID: 267988

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.

HAL-RSL-100-C1D1-X12I-1227 - 100' Explosion Proof LED Rope Light

Device Type: Round 2-Wire C1D2 Explosion Proof LED Rope Light
Watts: 200 watts (0.8 w/ft)
Length: 100 feet
Light Color: Cool White
Color Temperature: 5600K
PVC Tube Diameter: 1/2"
LED Bulb Spacing: Every 1"
Rope Color: Clear White
Input: 120 V
Step Down Component: C1D2 Encapsulated Inline Transformer w/ Seal-Offs on Both Ends
Expected Lifespan: 100,000+ hours
Texture Type: Flexible
Cut: Yes (Every 4 Inches)
Dimensions: 120' x 6" inches"
Weight: 95 lb
Mounting: Surface Mount Brackets on Encapsulated Transformer for Ceiling Mounting

Ratings/Approvals

Certified for United States & Canada
Class I, Division 2, Groups C & D
Class II, Division 2, Groups E, F, G
Weatherproof
Suitable for Marine Applications and Wet Locations
IP66 Weatherproof

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

The HAL-RSL-100-CC1D1-X12I-1227 from Larson Electronics is a Round 2-wire LED Rope Light that is rated for use in Class I Division 2 suitable for marine applications, including boat docks, ship yards and perimeter lighting systems. The weatherproof luminary measures 100 feet and

emits a cool white beam of light at a color temperature of 5600K. This unit comes with an encapsulated C1D2 inline transformer for 120VAC input. The encapsulated transformer on the HAL-RSL-100-CC1D1-X12I-1227 features a seal-off on both ends and surface mounting brackets for mounting the rope light to ceilings within Class I Division 2 hazardous environments. The HAL-RSL-100-CC1D1-X12I-1227 should be mounted a minimum of twelve feet above the hazardous environment in locations such as tunnels and paint spray booths.

The HAL-RSL-100-CC1D1-X12I-1227 LED rope light features 0.8 watts per foot for a total of 200 watts. This unit is compatible with 120V input voltage. The LED rope light measures 100 feet with 1/2" PVC tubing. Reinforced with weatherproof protection, the solid state light comes with an expected lifespan of 100,000+ hours. During operation, the luminary emits a bright, cool white beam with a color temperature rating of 5600K (no flicker, smooth glow). For customized lengths, it is possible to cut the rope light at every four inches. This flexible unit is suitable for wet location use, marine applications, and Class I Division 2 hazardous environments.



[Click Photo to Enlarge](#)

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

Applications: Class I Division 2 hazardous environments where the rope light can be mounted a minimum of 12 feet above the hazardous area such as tunnels and paint spray booths.

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

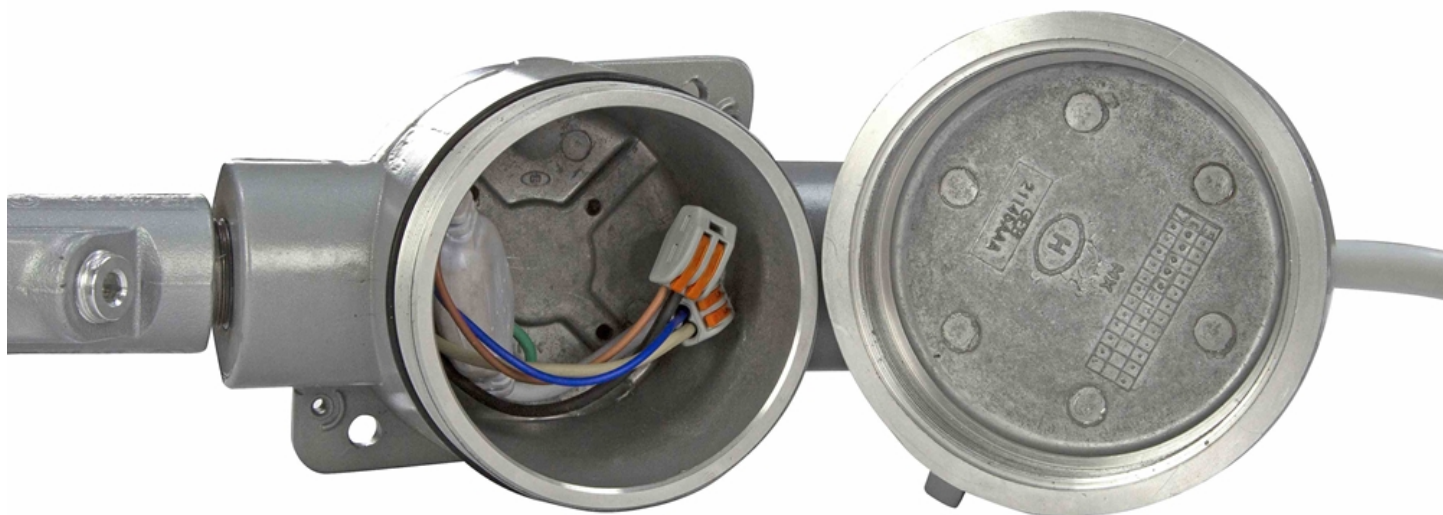
accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Frequently Asked Questions (FAQ)









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Product ID: 267988

Export Control Classification Number (ECCN): EAR99

Options:

HAL-RSL-100-C1D1-X12I-1227-Color

Example: HAL-RSL-100-C1D1-X12I-1227-WHT60K

Color	
6000K WHITE	-WHT60K
5000K WHITE	-WHT50K
45000K WHITE	-WHT45K
4000K WHITE	-WHT40K
3500K WHITE	-WHT35K
3000K WHITE	-WHT30K
RED	-RED
BLUE	-BLU
AMBER	-AMB
GREEN	-GRN
PURPLE	-PRPL

Links (Click on the below items to view):

- [Wiring Diagram](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)