

Explosion Proof Colored LED Rope Light Instruction Manual

Thank you for your purchase of the Larson Electronics HAL-RSL Series LED Rope Light.

WARNING

TO AVOID THE RISK OF FIRE, EXPLOSION OR ELECTRIC SHOCK, THIS PRODUCT SHOULD BE INSTALLED, INSPECTED AND MAINTAINED BY A QUALIFIED ELECTRICIAN ONLY, IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL CODES.

TO AVOID ELECTRIC SHOCK:

- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- PRODUCT MUST BE CONNECTED TO A WIRING SYSTEM WITH AN EQUIPMENT-GROUNDING CONDUCTOR.

TO AVOID EXPLOSION:

- MAKE SURE THE SUPPLY VOLTAGE IS WITHIN THE VOLTAGE RATING.
- ENSURE THE MARKED T RATING IS LESS THAN THE IGNITION TEMPERATURE OF THE HAZARDOUS ATMOSPHERE.
- DO NOT OPERATE IN AMBIENT TEMPERATURES ABOVE THOSE INDICATED ON THE PRODUCT NAMEPLATE.
- DO NOT OPERATE IF THE LENS, CORD, SEALS, HOUSING, RECEPTACLES, ETC. IS CRACKED OR DAMAGED. IF SO, DISCONTINUE USE AND CONTACT MANUFACTURER FOR REPLACEMENT PARTS.
- ALL FASTENERS SHOULD BE PROPERLY SEATED.

The HAL-RSL Series 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 in hazardous area locations. The weatherproof luminaire is available in many different lengths and emits a beam of light available in red, blue, green, amber or purple output.

Mounting

We strongly encourage a licensed electrician install this product, in all locations, especially in outdoor areas where weatherproofing may be required, and in hazardous area locations. **Always follow all applicable local and national electrical and building code when installing.**

The rope light can be mounted in many different ways, such as with mounting clips or hangars, and should be mounted a minimum of 12 feet above the hazardous area, such as in a tunnel or paint spray booth. Mounting specifics are left to the end user, as there are many possible applications. Some models will feature a junction box with seal-offs and surface mounting brackets that will also need to be mounted to a flat surface, such as a wall or ceiling. Be sure lights are secure and mounted in a way that is capable of supporting the load, near enough to supply power, and follow all applicable local and national electrical code when installing.

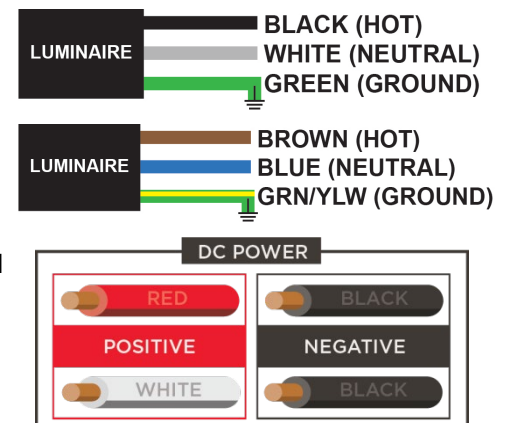
Wiring

We strongly encourage a licensed electrician install this product, in all locations, especially in outdoor areas where weatherproofing may be required, and in hazardous area locations. **Always follow all applicable local and national electrical and building code when installing.**

Warning: Check product label for correct input voltage!

Attach supply line wires to the appropriate light fixture wires as shown in the applicable diagram →

Secure each pair of wires according to the diagram. Utilize a junction box or similar device and take precautionary steps for weatherproofing all connections if installed in a location where water may come in contact with the unit. Ensure the unit is properly grounded and that wiring is done according to all local and national electrical/building codes.



MAINTENANCE

There are no serviceable parts inside the fixture. However, it is good practice to routinely clean and check the fixture for proper function.

- Disconnect power running to the lamp and be sure the fixture is cool to the touch.
- Use a non-abrasive cleaning solution to clean the tubing.
- Perform visual, mechanical and electrical inspections on a regular basis. We recommend routine checks to be made at least on a yearly basis. Frequency of use and environment should determine this. It is recommended to follow an Electrical Preventive Maintenance Program as described in NFPA 70B: Recommended practice for Electrical Equipment.

USE AND CARE

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use.

REPLACEMENT PARTS

The HAL-RSL Series is designed to provide years of reliable performance. Should the need for replacement parts arise, please contact Larson Electronics.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.