Hazardous Location Signal/Traffic Light
50 Watt C1D2 - 5 Lamps - Strobe or Steady
Instruction Manual

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-TL-5X10W-C Class 1, Division 2 Chemical Resistant LED Traffic Light from Larson Electronics is chemical resistant and approved for use in wet locations and marine environments. This waterproof LED equipped light is designed for use in industrial refueling stations and areas where trucks and equipment pick up or deposit hazardous materials.

Installation



We strongly recommend that only a licensed electrician install this product.
WARNING: *Make sure that the power is disconnected before installing.*

The HAL-TL-5X10W-C is designed for mounting to any sturdy, flat surface that is capable of supporting the load of the fixture. **This fixture is heavy and must be mounted to a surface that can structurally support the load.** Secure the unit firmly to the surface. Failing to comply can result in breakage, allowing the fixture to fall, which can cause serious injury or death.

It is strongly suggested to use two licensed electricians to proceed with the final mounting of the fixture to avoid any possible personnel injury or damage to the fixture. Depending on mounting height and scaffolding, a hydraulic man–lift or two good quality ladders should be used.

WARNING: *Check the fixture label to ensure correct input voltage and frequency!*
Be sure to follow all safety protocols and codes for the location!

- Do not install fixture in any classified location where the marked operating temperature exceeds the ignition temperature of the hazardous atmospheres.
- Consult fixture nameplate for the suitability ambient temperature shown on the nameplate.
- Refer to fixture nameplate for minimum supply wire temperature rating.
- Verify that the supply voltage agrees with fixture rating as indicated on nameplate.
- All local and national electrical/building codes must be followed when installing this fixture. For code interpretation, consult your local authority.
- Product must be intact and all cap threads fully engaged. Do not use if glass is cracked or damaged.

**Installation instructions continued on next page.*

1. Turn off power at electrical panel.
2. Locate surface mounting holes on the rear flange of the fixture. Raise fixture into place and drive mounting screws through predrilled mounting holes, or use bolts, nuts, and washers to secure fixture in place. **Must be mounted to a rigid surface capable of supporting the load of the fixture.**
3. Bring power to fixture junction box. Wire to correct voltage following all appropriate procedures for the hazardous area. ***Check product label for correct voltage!!***
   NOTE: Fixture must be grounded. Check ground continuity before energizing the fixture.
4. See wire labels for connections. Connect HOT to marked lamp color leads. Complete circuit by attaching neutral. For models with more than one light, attach additional line lead or switch to control colors independently.
5. Visually inspect all connections to ensure all codes and procedures have been followed for the hazardous location.

Bulb Replacement

WARNING: Disconnect this fixture from supply circuits before removing globe to avoid exposing hot surfaces or electric arcing to hazardous atmospheres. Do not re-energize until the globe has been re- installed. Failure to comply with this warning can cause fire or explosion which can result in serious injury or death.

1. Remove outer guard by turning counterclockwise to remove. Carefully unscrew screw globe assembly to remove.
2. Remove lamp and replace.
   NOTE: Verify that the replacement lamp complies with lamp specifications on fixture nameplate, then install.
3. Reverse step 1 to re-install globe and guard assembly.

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-TL-5X10W-C 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.