

Explosion Proof LED Light 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 EPL-TL-1X10W-C-PM Class I Division 1 and Class II Division 1 Warning Light from Larson Electronics is approved for use in wet locations and marine environments. This single lamp explosion proof LED light is designed for use in industrial environments and indicates when painting is underway.

Mounting

The EPL-TL-1X10W-C-PM will get a surface mount junction box and elbow extension mounted to the top of the fixture that will allow it to be mounted to a wall. This is pre-installed to the light. The warning panels will need to be installed using the supplied hardware and pre-drilled holes. Attach the panels to the flanges on the upper outside edge of the fixture using one screw, one washer, and one nut per hole. Once all panels are secured, mount the light to the wall using the pre-drilled mounting holes in the flanges of the junction box. Be sure the chosen mount surface is flat and capable of supporting the load of the unit. Consider wiring/conduit routing when mounting fixture. Adhere to all applicable local and National Electrical Code and building code when installing, especially in hazardous area locations.

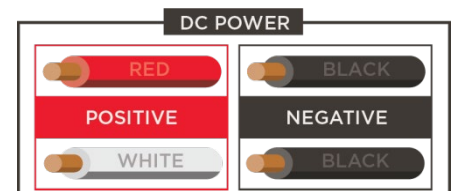
Wiring

We strongly encourage a licensed electrician install this product, in all locations, especially in outdoor areas where weatherproofing may be required or in hazardous area locations.

Warning: Check product label for correct input voltage! This product is available in multiple voltage ratings, please check the label on your fixture for proper voltage rating before connecting power.

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. Take measures as outlined by the NEC to maintain ratings within the hazardous area.



Maintenance

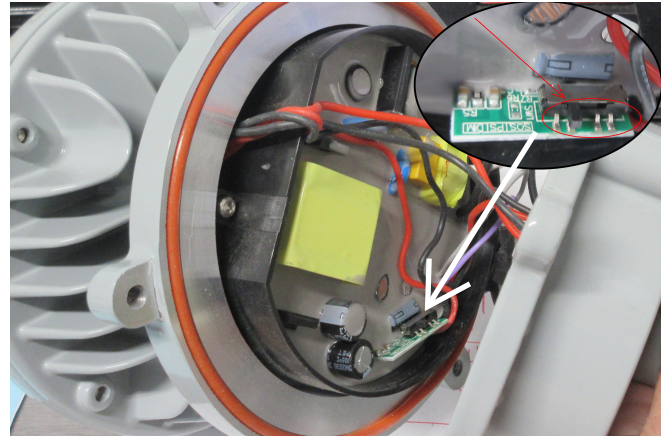
There are no serviceable parts inside the fixture. However, it is good practice to routinely clean and check the fixture for proper function. Driver can be replaced if needed.

- Disconnect power running to the lamp and be sure the fixture is cool to the touch.
- Use a non-abrasive glass cleaning solution to clean the lens and panels.

Note: *It is not necessary to open the fixture and clean or touch the LED's.*

Change Steady/Strobe Setting

In order to switch light settings between steady burn and strobe, you will need to access the board of the light by opening the back of the unit as shown. Once the board is accessible, locate the small switch and change to the desired position. Be sure flame path is free from damage or debris and light is sealed again properly before operation.



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 EPL-TL-1X10W-C-PM series is designed to provide years of reliable performance. Should the need for replacement parts arise, please contact Larson Electronics. Driver can be replaced if needed.

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.