

Explosion Proof LED Light – Wall Mount Instruction Manual

Do not attempt operation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet. Read carefully before operating. Retain these instructions for future reference.

WARNING:

- USER SHOULD BE TRAINED IN THE PROPER USE AND MAINTENANCE OF THIS DEVICE.
- TO PREVENT IGNITION OF A HAZARDOUS ATMOSPHERE, THE SUPPLY CIRCUIT SHOULD BE DISCONNECTED WHEN INSTALLING, RE-LAMPING OR PERFORMING ANY MAINTENANCE ON THIS FIXTURE.
- WHEN INSTALLING THIS FIXTURE IN HAZARDOUS LOCATIONS, CHECK THE OPERATING TEMPERATURE LIMITS PRIOR TO INSTALLATION TO BE SURE IT CONFIRMS TO THE ENVIRONMENTAL TEMPERATURE RESTRICTIONS AND NEC CLASSIFICATIONS. CHECK THE FIXTURE'S METAL NAMEPLATE FOR TEMPERATURE (T) RATINGS.
- THE GLOBE IS TEMPERED GLASS. DO NOT SCRATCH OR CHIP. TURN THE POWER OFF BEFORE STARTING INSTALLATION, REPAIR OR RE-LAMPING.
- OPERATE THIS FIXTURE ONLY AT THE VOLTAGE OF YOUR SPECIFIC SUPPLY CIRCUIT. FAILURE TO DO SO WILL RESULT IN DAMAGE TO THE FIXTURE.
- SUBSTITUTE COMPONENTS MAY IMPAIR EXPLOSION PROOF SAFETY.
- THE GLOBE IS MADE OF TEMPERED GLASS. IF THIS GLASS BECOMES SCRATCHED OR CHIPPED IT SHOULD BE REPLACED IMMEDIATELY.

LAMP INSTALLATION

The EPL-80-141-VAC-WM LED from Larson Electronics operates on 120-240 VAC and provides operators with a very long lived and powerful alternative to traditional HID and incandescent lights. Weather proof and Nema 4X compliant for marine use, this LED light comes standard in wall mount configuration with several available color options.



On/Off Operation

1. Install fixture's mounting accessory per instructions supplied with the mount (See Mounting Options).
2. Loosen the lock-in screw (A).
3. Unscrew and remove the globe support assembly from fixture tank (C).
4. Verify that the supply line voltage and fixture nameplate voltage are compatible.
5. Make sure the external threads at the top of the fixture tank are free of any dirt, metal chips or other foreign materials. Apply a thin coat of lubricant to the threads.
6. Tighten the set screw on the side of the mounting accessory.
7. Referring to the fixture nameplate, install the proper size and type of lamp.
8. Make sure the globe support threads are clean. To prevent galling of threads, apply a thin coat of lubricant to the male threads. Thread the globe support assembly into the fixture tank and turn until there is no gap between the flanges.
9. Tighten the locking screw (A).
10. To install the guard (D) loosen the 4 screws (B), slip the guard over the screws and rotate it to the locked position. Tighten the screws firmly.

Join or "lap" marks may form during the pouring of molten glass in the globe manufacturing process. It is not unusual for these marks to become visible. This is a common and normal occurrence for large explosion proof globes and does not affect performance. Take extreme care not to cross-thread the fixture when installing into mounting accessory. Install fixture by threading into the mounting accessory; the electrical contacts will automatically engage. Be sure the fixture is tight. This fixture is factory sealed.

Wall Mounting

1. Remove the wiring box from the arm and attach box to the mounting surface.
2. Pull leads to the box and through the arm to the wiring chamber.
3. Attach the arm to the wall box.
4. The mounting screws should be tightened in alternate sequence.



Wiring Instructions

Remove the wiring access plug. For high voltage fixtures, connect neutral to white fixture wire and line to black fixture wire, connect ground (earth) to ground lug inside the fixture. For low voltage fixtures, connect low voltage (+) to white fixture wire, and low voltage (-) to black fixture wire. Make all wiring connections accordance with accepted NEC and local wiring procedures for factory sealed fixtures. Be sure any unused wiring entrances are closed with closure plugs provided.

USE AND CARE

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

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 1-800-369-6671 FOR FURTHER ASSISTANCE.

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