Explosion Proof 10 Watt LED Strobe Light
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. IF WIRING OR LAMP REPLACEMENT INSTRUCTIONS ARE NOT FOLLOWED EXACTLY, THE HANDLAMP MAY NOT BE SUITABLE FOR THE HAZARDOUS LOCATION INVOLVED. WHEN HANDLAMP IS CONNECTED TO A POWER SOURCE IN HAZARDOUS AREA, PLUG AND MATCHING RECEPTACLE MUST BE SUITABLE FOR HAZARDOUS LOCATION INVOLVED. WHEN HANDLAMP IS CONNECTED TO POWER SOURCES OUTSIDE OF HAZARDOUS AREA, STANDARD DUTY PLUGS AND RECEPTACLES MAY BE USED.

STANDARD PLUG AND TRANSFORMER MUST ONLY BE CONNECTED TO A RECEPTACLE LOCATED OUTSIDE THE HAZARDOUS AREA! IMPROPER USE OF THIS HANDLAMP, ASSOCIATED PLUG, RECEPTACLE, AND CORD CAN LEAD TO SERIOUS INJURIES OR DEATH TO PERSONNEL.

PERIODIC INSPECTION OF THE HANDLAMP AND CORD IS NECESSARY.

THE CORD MUST BE ROUTINELY CHECKED FOR CUTS, BREAKS, OR ANY SEVERE ABRASIONS, AND IF ANY ARE FOUND, THE CORD MUST BE REPLACED BEFORE RESUMING USE OF THE HANDLAMP.

THE GLOBE IS MADE OF TEMPERED GLASS. IF THIS GLASS BECOMES SCRATCHED OR CHIPPED IT SHOULD BE REPLACED IMMEDIATELY.

LAMP INSTALLATION

Install fixture's mounting accessory per instructions supplied with the mount (See Mounting Options below).

1. Loosen the lock-in screw (A).
2. Unscrew and remove the globe support assembly from fixture tank (C).
3. Verify that the supply line voltage and fixture nameplate voltage are compatible.
4. 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.
5. Tighten the set screw on the side of the mounting accessory.
6. Referring to the fixture nameplate, install the proper size and type of lamp.
7. 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.
8. Tighten the locking screw (A).
9. 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.

Pendant Mounting

1. Thread the fixture onto the conduit, sealing around the conduit using approved NEC procedures. Flats are provided at the top of the fixture to tighten with a wrench.
2. After securing to the conduit, tighten the set screw.

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.

Ceiling Mounting

1. Attach fixture to mounting surface using the two mounting tabs provided.

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 lowvoltage (+) 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.