# 12W Explosion Proof Handheld LED Light
# 120-277VAC Stepped Down 12/24VDC - Magnetic Trunnion Mount
# Instruction Manual

Do not attempt installation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet.

## WARNING:

**READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. CRITICAL SAFETY INSTRUCTIONS:**

- 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.
- Luminaire must be supplied by a wiring system with an equipment grounding conductor.

***To avoid burning hands:***

- Make sure lens and housing are cool when performing maintenance.

***To avoid explosion:***

- Make sure the supply voltage is the same as the luminaire voltage.
- Do not install where the marked operating temperatures exceed the ignition temperature of the hazardous atmosphere.
- Do not operate in ambient temperatures above those indicated on the luminaire nameplate.
- Use proper supply wiring as specified on the luminaire nameplate.
- All gasket seals must be clean.
- Before opening, electrical power to the luminaire must be turned off. Keep tightly closed when in operation.
- All threaded connections must engage five full threads.
- People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.
- Keep fingers away from magnet when mounting as injury could occur.

Refer to the luminaire nameplate for specific classification information, maximum ambient temperature suitability, and corresponding operating temperature (TCode).

This fixture comes preconfigured with selected Cord cap, Output Voltage and Beam Angle from factory.

## MOUNTING & WIRING

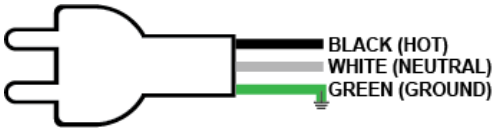
Affix light in the desired location and run its power cord and transformer to a compatible power source **OUTSIDE THE HAZARDOUS AREA**! Only the light fixture is explosion proof rated. The transformer enclosure and cord cap must remain outside the hazardous location at all times during operation.

Mount light to a ferrous metal surface that can structurally support the load. This fixture is supported with a single 200-lb grip magnet.

Loosen the two set screws on the bracket to adjust vertical position of light as necessary.

Avoid excess tension between cord and light to reduce stress on the magnet. Mark area as needed to avoid potential trip hazards or cable snags causing the light to dismount.

Compare voltage to Product Label before energizing!



This light is “instant-on” once plugged in to a live circuit. Do not face the light while energizing to avoid direct eye exposure.

**AVOID DIRECT EYE EXPOSURE** *Do not look at the face of or directly into the light when plugging in or when illuminated.*

## MAINTENANCE

1. Perform visual, electrical, and mechanical inspections on a regular basis. The environment and frequency of use should determine this. However, it is recommended that checks be made at least once a year. We recommend an Electrical Preventive Maintenance Program as described in the National Fire
2. Protection Association Bulletin NFPA No. 70B: Recommended Practice for Electrical Equipment Maintenance (www.nfpa.org).
3. The lens should be cleaned periodically to ensure continued lighting performance. To clean, wipe the lens with a clean, damp cloth. If this is not sufficient, use a mild soap or a liquid cleaner such as Collinite NCF or Duco #7. Do not use an abrasive, strong alkaline, or acid cleaner. Damage may result.
4. Visually check for undue heating evidenced by discoloration of wires or other components, damaged parts, or leakage evidenced by water or corrosion in the interior. Replace all worn, damaged, or malfunctioning components, and clean gasket seals before putting the luminaire back into service.
5. Electrically check to make sure that all connections are clean and tight.
6. Mechanically check that all parts are properly assembled.

## REPLACEMENT PARTS

The EXHL-TRN-LE1-XLV-M is designed to provide years of reliable lighting performance. Should the need for replacement parts arise, please contact Larson Electronics at the contact information below.

Should further information not covered by these instructions be required, please contact Larson Electronics at 1-800-369-6671 or sales@larsonelectronics.com for further assistance.

Please visit LarsonElectronics.com for **Warranty** and **Return** information.