# Explosion Proof Light - 250 Watt - Pedestal Mount
# 100 foot Cord with Explosion Proof Plug
# Instruction Manual

Thank you for your purchase of the Larson Electronics EPL-PM-1X300 Portable Explosion Proof Light. Please follow the steps below in order to operate and maintain this product.

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.
- Use only UL listed components suitable for Class I Division 1, Groups C & D and Class II Division 1, Groups F & G installation.
- All threaded connections must engage five full threads.

## OPERATING

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

Luminaire construction is designed for use indoors and outdoors in marine and wet locations, where moisture, dirt, corrosion, vibration, and rough usage may be present.

This unit comes preconfigured with 100ft SOOW cord from factory. The unit is factory sealed and ready for use out of the box.

1. Position light in desired location near power source.
2. Plug the light into compatible outlet providing **120V AC 60Hz**.
3. This lamp is “instant-on” and will illuminate once power is supplied. DO NOT look directly at light when powering on.

## AIMING

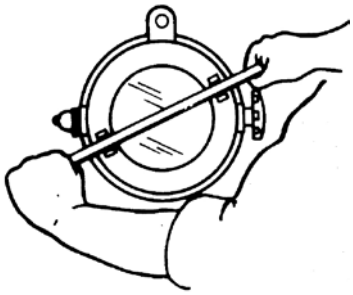
1. Loosen tightening knob on side of fixture.
2. Pivot light up or down to desired angle.
3. Tighten knob to secure position.
4. (If Applicable) Adjust the rotation of light with tightening bolt near the base.

Use the top handle for maneuvering the unit.

## REMOVAL AND REPLACEMENT OF COVER

In most cases, a rectangular steel bar can be placed between the lugs provided on the face of the cover and rotated counterclockwise to accomplish the removal. See figure below. Excessive force must not be used as bar may slip and cause injury.

Before replacing the cover, thoroughly clean the threads in both the cover and shell, then lubricate threads with thin film of a non-drying grease or petrolatum. This will enable the cover to be turned more easily and will facilitate its removal later.



Thread the cover onto the shell by hand until the cover contacts the shell o-ring. Use the rectangular steel bar to rotate the cover another 1/12 to 1/10 of a turn or between 2.50 inches (64 mm) and 3.00 inches (76 mm) measured on the outside diameter. Excessive force must not be used as bar may slip and cause injury. *Be sure lens cover is secure before continuing use in hazardous areas!*

## MAINTENANCE

It is recommended that you implement a standard monthly or more frequent preventive maintenance schedule. Safety requires a thorough visual examination of the unit for physical damage that might cause a spark or result in the ignition of hazardous atmospheres.

Maintenance includes a careful examination to ensure at least:

- **A.** The Light Body is not cracked, broken or breeched.
- **B.** The Lens is not cracked or chipped.
- **C.** The Cable is not frayed and is gripping tightly in all points of cable contact.
- **D.** The Cable Jacket is completely intact and that no internal conductors or conductor insulation is exposed.
- **E.** The Connection Box is not cracked, broken or breeched.
- **F.** The Cord Plug is not cracked or damaged and the Ground Post is intact.

For your safety and to maximize the life of the light, avoid rough usage such as:

- **G.** Pulling the Light by the Cable, which could weaken or damage the cable.
- **H.** Impacting the lens with hard, sharp or heavy objects, which could cause the lens to scratch, chip, crack, or shatter.
- **I.** Disconnecting the Cord Plug from the receptacle by pulling on the Cable.

Keeping the light clean and free of material splatter, overspray, and debris during usage will ensure the maximum life and luminosity of the light.

## TROUBLESHOOTING

Refer to the guide below or contact the manufacturer if the fixture does not function properly.

- ➔ Is the correct line voltage being supplied to the fixture?
- ➔ Is the fixture properly grounded?
- ➔ Make sure installed power switch is functioning properly (if applicable).

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 at 1-800-369-6671 or email sales@larsonelectronics.com for further assistance.

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