EPL-PM-1X30LED-100 Instruction Guide
25W Explosion Proof LED Light

Thank you for your purchase of the Larson Electronics EPL-PM-1X30LED-100 Portable Explosion Proof LED Light. Please follow the steps below in order to operate and maintain this product.

IMPORTANT

READ CAREFULLY BEFORE OPERATING THIS FIXTURE. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE. THE EPL-PM-1X30LED-100 MUST BE OPERATED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES. PROPER GROUNDING IS REQUIRED FOR SAFETY.

FOR PERSONAL SAFETY, ALWAYS CONFIRM THE RATING OF ANY KNOWN HAZARDOUS OR POTENTIALLY HAZARDOUS LOCATION WHERE THE LIGHT IS TO BE USED.

WARNING: ALL WIRING SHOULD BE DONE BY A LICENSED ELECTRICIAN IN ACCORDANCE WITH STATE CODES, LOCAL CODES AND NATIONAL ELECTRIC CODE (NEC) STANDARDS.

WARNING: TO PREVENT IGNITION OF A HAZARDOUS ATMOSPHERE, THE SUPPLY CIRCUIT SHOULD BE DISCONNECTED WHEN INSTALLING OR PERFORMING ANY MAINTENANCE ON THIS UNIT.

WARNING: DO NOT SCRATCH OR CHIP THE FRONT LENS. TURN THE POWER OFF AND LET UNIT COOL BEFORE STARTING INSTALLATION OR REPAIR.

WARNING: OPERATE THIS FIXTURE ONLY AT THE VOLTAGE OF YOUR SPECIFIC SUPPLY CIRCUIT. FAILURE TO DO SO WILL RESULT IN DAMAGE TO THE FIXTURE.

WARNING: SUBSTITUTE COMPONENTS MAY IMPAIR EXPLOSION PROOF SAFETY.

- IMPROPER INSTALLATION MAY RESULT IN SERIOUS INJURY AND VOID WARRANTY.
- CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD).
- GROUND FAULT CIRCUIT INTERRUPTER (GFCI) PROTECTION IS TO BE PROVIDED ON THE CIRCUIT(S) OR OUTLET(S) TO BE USED FOR THE WET LOCATION PORTABLE LUMINAIRE.
- RECEPTACLES ARE AVAILABLE HAVING BUILT-IN GFCI PROTECTION AND ARE ABLE TO BE USED FOR THIS MEASURE OF SAFETY.
- THESE INSTRUCTIONS INCLUDE INFORMATION FOR INSTALLATIONS IN BOTH HAZARDOUS LOCATIONS AND MARINE LOCATIONS. MANY SECTIONS APPLY TO BOTH APPLICATIONS. THE APPROPRIATE WARNING AND SPECIAL INSTRUCTIONS SHOULD BE FOLLOWED, DEPENDING ON THE APPLICATION.

OPERATING

This unit comes preconfigured with the selected Voltage, Cord Cap, and Beam Config 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 **VOLTAGE LISTED ON NAMEPLATE**.
3. This lamp is “instant-on” and will illuminate once power is supplied. DO NOT look directly at LED’s 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.

COVER REMOVAL

Rotate lens counter-clockwise to remove. Use a rectangular steel bar as needed. Excessive force must not be used as bar may slip and cause injury. *Be sure lens cover is secure before 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 for further assistance.

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