70 Watt Low Voltage Portable Explosion Proof LED Light
Magnetic Base - 150' SOOW Cord
Instruction Guide

Thank you for your purchase of the Larson Electronics EPL-BS-70LED series light. This light is completely assembled, tested and ready for use when shipped from the factory. Please follow the steps below in order to operate and maintain this product.

IMPORTANT

READ CAREFULLY BEFORE OPERATING THIS LIGHT. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE. IF UNSURE ABOUT ANY PART OF THESE INSTRUCTIONS, CONSULT A QUALIFIED ELECTRICAL PROFESSIONAL. THE EPL-BS-70LED 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: OPERATE ONLY AT THE VOLTAGE LISTED ON THE PRODUCT LABEL.

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

WARNING: WHEN INSTALLING THIS LIGHT 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.

WARNING: DO NOT SCRATCH OR CHIP THE FRONT LENS. TURN THE POWER OFF 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.

INSTALLATION

Before operation, confirm that the power source will provide the correct voltage indicated on the product nameplate. Ensure the receptacle will accept the cord cap attached to the light.



Check product nameplate for Ratings and Approvals.

Place the light in the desired location and run its power cord to a power source. Ensure all safety requirements are followed for the hazardous area.

WARNING: Transformer **MUST** remain **OUTSIDE** Hazardous Area!

This light is instant-on and will illuminate once energized.

Multi-voltage capability allows this light to be powered via
Voltage to Transformer: 110-277V AC 50/60Hz

ADJUSTMENT

Loosen the hand screw on side of the light to make vertical adjustments. Tighten hand screw once desired angle is achieved.

The light can be mounted in any direction to a sturdy metallic surface. Ensure the mounting surface can withstand the weight.

When removing, pull light straight off. Do not drag the magnets as this could scratch the surface light is mounted to.

Use the handle on top for easy maneuverability.

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.

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.