Explosion Proof Low Profile LED Light Fixture
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.

THE EPL-LP-48-LED 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: 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 LENS. TURN 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.

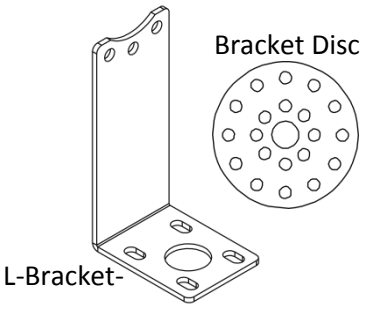
WARNING: SUBSTITUTE COMPONENTS MAY IMPAIR EXPLOSION PROOF SAFETY.

⚠ THIS FIXTURE REQUIRES USE OF SEALING COMPOUND IN ORDER TO MEET ALL RATINGS! ⚠

MOUNTING

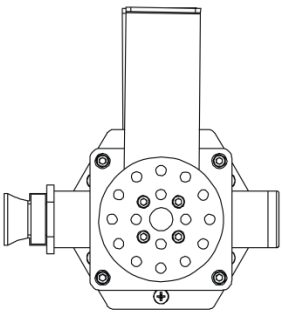
Surface Brackets:

1. Mount the included L-Bracket Disc's to the sides of light fixture using 4 holes. Ensure holes line up with L-Bracket's in your desired angle.
2. Attach L-Bracket's to Bracket Disc using the provided bolts.
3. Affix light fixture to surface using predrilled holes on L-Bracket top.
4. Once brackets are mounted to surface (ceiling, floor or wall), the light fixture can be removed from brackets by removing the set screws that hold the L-Bracket to the Bracket Disc and adjusting the fixture. The fixture can be adjusted at 15° intervals.
5. Feed wire to fixture via conduit to the junction box.



Suspension Mounting:

1. Remove end caps from fixture where you plan to mount conduit.
2. Suspend light fixture by rigid pipe via 3/4" NPT.
3. Feed wire to fixture via conduit to the junction box.



Hang Mounting:

1. Hang mount light fixture with cable/chain capable of supporting the weight.
2. Two eyelets on either side of the fixture allow for hanging with hooks.
3. Feed wire to fixture via flex conduit to the junction box.

WIRING

1. Find junction box labeled "**PRIMARY**" and feed LINE wiring through conduit into junction box.
2. Attach ground lead.
3. Connect supply wires to luminaire wire leads (or terminal blocks) per the attached wiring diagrams using methods that comply with all applicable codes. Tighten all electrical connections.
4. Close all unused conduit entries with conduit plugs. To ensure water-tightness, lubricate conduit plugs with lubricant before installing, and secure wrench-tight with at least five (5) full threads engaged (42-52 ft.-lb. for 3/4" plugs, and 58-68 ft.-lb. for 1" plugs).
5. Close wire housing onto cover module, making sure that all wires are safely inside hub. Tighten captive closing screw to 30 in.-lbs. (3.4 N-m).
6. Activate supplying circuit to test the assembled luminaire.





7. Feed-thru wiring is available on opposite end of fixture for powering additional light fixtures. ***Be sure feed-thru wires are capped off when unused!***

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 EPL-LP-48-LED 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.

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.