

Explosion Proof LED Aluminum Drop Light Instruction Manual

INTRODUCTION

This document covers the operation, maintenance, and re-lamping procedures for an EPL-FL1524-LED series hazardous location work light. The lamp is shipped with selected voltage and cord cap from factory. Double check product nameplate for correct voltage.

This light is suitable for the following hazardous locations only:

Class I, Divisions 1 & 2, Group D
Class II, Divisions 1 & 2, Groups E, F, and G
Class III, Divisions 1 & 2

Refer to the National Electric Code (NEC) NFPA 70 for more information on hazardous locations.

The EPL-FL1524-LED work light runs on the voltage specified on product label. Check that the light being used matches this criteria for operation. Be sure that the line has appropriate termination and is grounded properly.

Run cable and cord cap to compatible outlet with correct voltage. This light is "instant-on" and will illuminate once power is supplied.

MAINTENANCE:

WARNING: It is very important that only qualified personnel perform maintenance and repair operations in a NON-HAZARDOUS area. The integrity of the component assembly and flame-path must be maintained in order to provide adequate protection for personnel using this light. Comply with all NEC Rules and Regulations when performing maintenance operations. Failure to comply with these could result in an explosion, electrical shock, or personal injury.

CLEANING:

WARNING: DO NOT use any solvent or cleanser that contains alcohol, hydrocarbons, or has potential to cause an explosion. Using this type of cleanser could cause an explosion or serious personal injury.

CAUTION: Clean external parts of work light only; internal parts do not require cleaning. Applying solvent could result in damage to the electrical equipment.

The EPL-FL1524-LED can be cleaned by applying Simple Green® or an equivalent cleanser and wiping any dust or grease off with a rag. After cleaning process is performed, allow adequate time for light to completely dry before placing in operation.

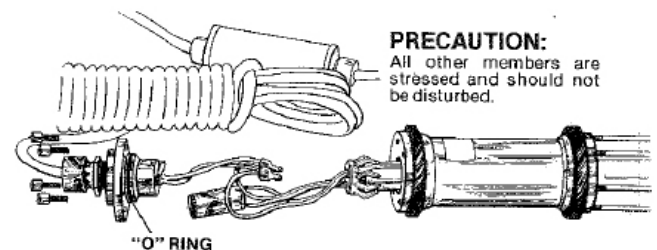
WARNING: When performing maintenance operations disconnect power. Failure to do so could result in electrical shock.

USAGE INSPECTION: Prior to each use make a thorough visual inspection of the work light for any chips, cracks, or burns within the glass, aluminum handle, and cage. Check the entire length of the cord for any frays or visible wires that could affect the performance of the light. Check that all the rubber bumpers are integral with the aluminum. If there are any frays in the cord, cracks in the glass or disturbances in the aluminum outside of normal wear, remove the light from service immediately and contact Larson Electronics.

TO REPLACE A LAMP:

WARNING: When re-lamping work light, disconnect power. Failure to do so could result in electrical shock.

1. Remove four bolts on handle with Allen Head Wrench
2. Pull cap gently and evenly outward
3. Wiring assembly and tube should slide out
4. Replace necessary parts
5. Check "O" Ring - must be in good condition
6. Slide assembly back into handle and tube
7. Fasten securely with 4 bolts.
8. Test in non-hazardous location before using in hazardous location to ensure proper operation of light.



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.