15W Explosion Proof LED Drop Light & Reel
C1D1, C2D1 - 120-277V AC - 50 Meter SOOW Cord - EXP Plug
Instruction Manual

WARNING

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.
- PRODUCT MUST BE CONNECTED TO A WIRING SYSTEM WITH AN EQUIPMENT-GROUNDING CONDUCTOR.

TO AVOID EXPLOSION:

- MAKE SURE THE SUPPLY VOLTAGE IS WITHIN THE VOLTAGE RATING.
- ENSURE THE MARKED T RATING IS LESS THAN THE IGNITION TEMPERATURE OF THE HAZARDOUS ATMOSPHERE.
- DO NOT OPERATE IN AMBIENT TEMPERATURES ABOVE THOSE INDICATED ON THE PRODUCT NAMEPLATE.
- DO NOT OPERATE IF THE LENS, CORD, SEALS, HOUSING, RECEPTACLES, ETC. IS CRACKED OR DAMAGED. IF SO, DISCONTINUE USE AND CONTACT MANUFACTURER FOR REPLACEMENT PARTS.
- ALL FASTENERS SHOULD BE PROPERLY SEATED.

The Larson Electronics EHL-LED-7W-LER-50M-16.3 Explosion Proof LED Drop Light & Reel offers powerful illumination in Class I, Division 1 & 2/Class II, Division 1 & 2 environments. Equipped with an explosion proof cord reel and a 164` 16/3 SOOW cord, this 15-watt LED handlamp operates on 120-277V AC. Operators may mount the unit using an aluminum hook located at the top of the drop light.

Mounting

Mounting of the cord reel is achieved via pre-drilled mounting holes in the base of the reel frame. Mounting hardware is not included, but is available from Larson Electronics if you wish to order. Mount to any flat location capable of supporting the load of the cord reel, and make sure it has access to supply power within reach of the power cord. Reel can be mounted to a wall or ceiling, depending on desired application.

The handlamp is designed to be handheld, but can also be mounted using the aluminum hook at the top of the light, allowing for hands free use.



Power

We strongly encourage a licensed electrician install this product, in all locations, especially in outdoor areas where weatherproofing may be required.
Warning: *Check product label for correct input voltage!*

Position device near work area for operation. Run cable to nearby power source. Insert and twist-lock explosion-proof plug into a compatible receptacle within the hazardous environment. See plug operation below.

Plug Operation

Electrical connection between plug and compatible receptacle is accomplished after plug fully inserts into receptacle and rotated clockwise.

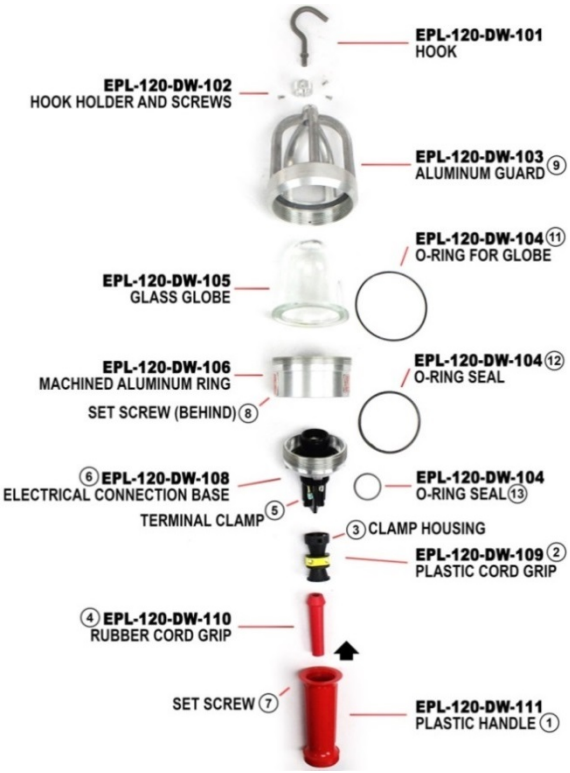
1. Lift receptacle door and locate polarization on mating plug pin and receptacle face. Insert plug straight all the way into receptacle until it cannot go further.
2. Rotate plug clockwise limit (37º), this closes internal contacts and completes circuit. This also mechanically locks plug into receptacle so it cannot be pulled out.
3. To remove plug, push plug inward and turn to counterclockwise, pull plug straight out.

The LED lamp in this hand lamp is "instant-on" and will illuminate once power is supplied.

LAMP REPLACEMENT

Follow the procedures outlined to replace the lamp. No special training is necessary to maintain certifications.

1. Loosen set screw. ⑧
2. Unscrew Guard/Globe assembly ⑨ from handle assembly.
3. Replace with matching lamp.
4. Inspect o-ring seal ⑪. If worn or damaged, it must be replaced to insure watertight seal.
5. Screw globe assembly completely onto lamp base.
6. Tighten set screw securely to 6 in-lbs.



Note: Over tightening can deform threads.

USE AND CARE

Unauthorized modification may impair the function and/or safety of the work light and could affect the life of the equipment. Always check damaged or worn out parts before using the work light. When work light is not in use, store it in a secure place out of the reach of children. Inspect for good working condition prior to storage and before re-use.

REPLACEMENT PARTS

The EHL-LED-7W 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.

Should further information not covered by these instructions be required, please contact Larson Electronics at 1-877-348-9680 or sales@larsonelectronics.com for further assistance.

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 1-877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.