EXP Scaffold Mount LED
Remote Mount Emergency Backup - Day/Night Sensor - C1D1 & C2D1 - 150' Cord
Instruction Manual

The EPL-JH16C-1MLED-150C-XEMG-XDNS-10C Explosion Proof LED Light from Larson Electronics is rated Class I Divisions 1-2 Groups C & D and Class II Divisions 1-2 and uses LEDs to produce 17,500 lumens of light while drawing only 150 watts. This hazardous area Cree LED light features a remote mount emergency battery backup and a day/night sensor, and comes attached to an aluminum rail/ladder mount bracket that allows operators to easily mount this unit to ladders, handrails, catwalks and other similar structures.

Included with this LED work light is an integral power transformer that allows operators to power this unit from common 120-277 VAC current. 150 feet of cord and user configured cord cap provides simple connection to standard wall outlets and ample length for easy placement in the workspace.

WARNING

To avoid the risk of fire or electric shock, this product should be inspected and maintained by a qualified electrician only, in accordance with all applicable electrical codes.

MOUNTING

In order to mount the light head to the aluminum rail/ladder mount follow the steps below:

1. Make sure the hand screw is loose.
2. Slide light head over top of mount and tighten hand screw.

To mount aluminum mount:

1. Securely mount the frame to any rail, ladder or scaffolding capable of holding the weight using the J-hooks.
2. The bottom J-hook can be loosened with the hand screw toward the base.
3. Loosen the lower hand screw and slide the bottom J-hook down.
4. Attach the top two J-hooks to the rail first, then push the bottom toward the next available rail.
5. Slide the bottom J-hook up until hooked and tighten hand screw.
6. The J-bracket can adjust 26 inches to 43 inches for various size mounting locations.



TO ADJUST LIGHT AFTER MOUNTING

The center mount pole is adjustable and can be elevated to three feet above the mounting bracket, helping to improve coverage and reduce glare. Loosen the upper hand screw and slide the light head vertically. Do not over extend! Allow at least 2 feet of pole within frame.

WIRING AND PLUG:

This LED light comes preconfigured with 150ft SOOW cord and cord cap. After placing lamp in desired area, ensure the battery is connected within the junction box to enable the battery backup. Run cord and plug into compatible outlet **OUTSIDE the Hazardous Area!** Output voltage must operate within 120-277V AC 50/60 Hz.

MAINTENANCE

Caution: To avoid personal injury, disconnect power to the light and allow the unit to cool down before performing maintenance.
Warning: No user serviceable parts inside of fixture. Risk of electric shock. Removal of the lens will void the warranty.

1. Perform visual, mechanical and electrical inspections on a regular basis.
2. The lens should be cleaned periodically as needed to ensure continued photometric performance. Clean the lens with a damp, non-abrasive, lint-free cloth. If not sufficient, use mild soap or a liquid cleaner.
3. Inspect the cooling fins on the luminaire to ensure that they are free of any obstructions or contamination (i.e. excessive dust build-up). Clean with a non-abrasive cloth if needed.
4. Do not operate if the lens is cracked or damaged. All fasteners should be properly seated.

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.

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