Explosion Proof Light on Adjustable Rail / Ladder / Scaffold Bracket Mount
70 Watt Metal Halide - Instruction Manual

The EPL-JH70-120 metal halide hazardous area light fixture from Larson Electronics is capable of illuminating an area 13,000 square feet in size. Weather proof and U.L. listed for marine use, this metal halide lamp 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.

WARNING:

USER SHOULD BE TRAINED IN THE PROPER USE AND MAINTENANCE OF THIS DEVICE. IF WIRING OR LAMP REPLACEMENT INSTRUCTIONS ARE NOT FOLLOWED EXACTLY, THE LAMP MAY NOT BE SUITABLE FOR THE HAZARDOUS LOCATION INVOLVED. WHEN LAMP IS CONNECTED TO A POWER SOURCE IN HAZARDOUS AREA, PLUG AND MATCHING RECEPTACLE MUST BE SUITABLE FOR HAZARDOUS LOCATION INVOLVED. WHEN LAMP IS CONNECTED TO POWER SOURCES OUTSIDE OF HAZARDOUS AREA, STANDARD DUTY PLUGS AND RECEPTACLES MAY BE USED.

PERIODIC INSPECTION OF THE LAMP AND CORD IS NECESSARY.

THE CORD MUST BE ROUTINELY CHECKED FOR CUTS, BREAKS, OR ANY SEVERE ABRASIONS, AND IF ANY ARE FOUND, THE CORD MUST BE REPLACED BEFORE RESUMING USE OF THE LAMP.

THE GLOBE IS MADE OF TEMPERED GLASS. IF THIS GLASS BECOMES SCRATCHED OR CHIPPED IT SHOULD BE REPLACED IMMEDIATELY.

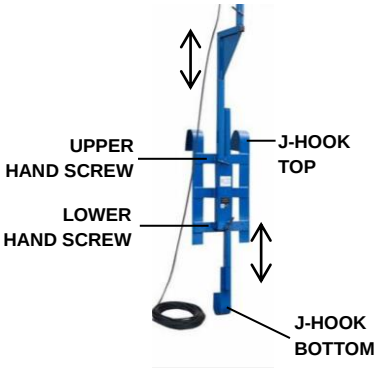
MOUNTING

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.



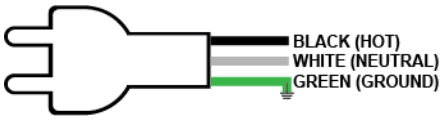
TO ADJUST LIGHT AFTER MOUNTING

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 (see attached wiring diagram)

This unit comes preconfigured with selected cord cap, and beam spread. Once deployed, plug cord cap into compatible receptacle with

Voltage: 120 Volts AC



WARNING: CHECK NAMEPLATE FOR PROPER VOLTAGE. DAMAGE FROM IMPROPER VOLTAGE WILL VOID WARRANTY.

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. We recommend routine checks to be made on a yearly basis. Frequency of use and environment should determine this. It is recommended to follow an Electrical Preventive Maintenance Program as described in NFPA 70B: Recommended practice for Electrical Equipment.
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.

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