150W Magnetic Ceiling Mount Explosion Proof LED Light - 10000 Lumens - Group B - Hydrogen Approved
Instruction Manual

Thank you for your purchase of the Larson Electronics EPL-MBC-1MLED-B Magnetic Ceiling Mount Explosion Proof LED Light. Please follow the steps below in order to operate and maintain this product.

IMPORTANT

READ CAREFULLY BEFORE OPERATING THIS FIXTURE. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE. THE EPL-MBC-1MLED-B 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 FRONT LENS. TURN THE 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.

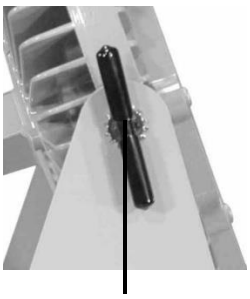
- PEOPLE WITH PACEMAKERS SHOULD CONSULT THEIR PHYSICIAN(S) BEFORE USE. ELECTROMAGNETIC FIELDS IN CLOSE PROXIMITY TO HEART PACEMAKER COULD CAUSE PACEMAKER INTERFERENCE OR PACEMAKER FAILURE.
- KEEP FINGERS AWAY FROM MAGNET(S) WHEN MOUNTING AS INJURY COULD OCCUR.

OPERATING

Before operation, confirm that the power source will provide the correct voltage indicated on the product nameplate. Ensure the receptacle will accept the cord cap attached to the light.

Check product nameplate for Ratings and Approvals.

Affix light in the desired location and run its power cord to a compatible power source. Mount light to a metal surface that can structurally support the load. Six 200lb. grip magnets hold the fixture in any position. Ensure all safety requirements are followed for the hazardous area.



HAND SCREW

Avoid excess tension between cord and light to reduce stress on the magnets. Mark area as needed to avoid potential trip hazards or cable snags causing the light to dismount.

The light head can be adjusted by loosening the hand screws on each side. Once loose, position the light head in the desired angle and tighten the hand screws to hold the light in place. Use caution while adjusting as to not pinch your fingers between light and mount.

This light is "instant-on" once plugged in to a live circuit. Do not face the light while energizing to avoid direct eye exposure.

AVOID DIRECT EYE EXPOSURE *Do not look at the face of or directly into the light when plugging in or when illuminated.*

MAINTENANCE

It is recommended that you implement a standard monthly or more frequent preventive maintenance schedule. Safety requires a thorough visual examination of the unit for physical damage that might cause a spark or result in the ignition of hazardous atmospheres.

Maintenance includes a careful examination to ensure at least:

- **A.** The Light Body is not cracked, broken or breeched.
- **B.** The Lens is not cracked or chipped.
- **C.** The Cable is not frayed and is gripping tightly in all points of cable contact.
- **D.** The Cable Jacket is completely intact and that no internal conductors or conductor insulation is exposed.
- **E.** The Connection Box is not cracked, broken or breeched.
- **F.** The Cord Plug is not cracked or damaged and the Ground Post is intact.
- **G.** The magnets are fully in-tact with no visible cracks or damage.

For your safety and to maximize the life of the light, avoid rough usage such as:

- **H.** Pulling the Light by the Cable, which could weaken or damage the cable.
- **I.** Impacting the lens with hard, sharp or heavy objects, which could cause the lens to scratch, chip, crack, or shatter.
- **J.** Disconnecting the Cord Plug from the receptacle by pulling on the Cable.

Keeping the light clean and free of material splatter, overspray, and debris during usage will ensure the maximum life and luminosity of the light.

TROUBLESHOOTING

Refer to the guide below or contact the manufacturer if the fixture does not function properly.

- ➔ Is the correct line voltage being supplied to the fixture?
- ➔ Is the fixture properly grounded?
- ➔ Make sure installed power switch is functioning properly (if applicable).

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 at 1-800-369-6671 for further assistance.

Please visit LarsonElectronics.com for **Warranty** and **Return** information.