

EPL-TFM-150LED-RT

150 Watt Explosion Proof LED Portable Light

Instruction Manual

This explosion proof light is designed for illumination of industrial locations. It uses the latest in solid state lighting technology for long life, low maintenance and high efficiency.

The unique design focuses the light where it is needed, giving improved efficiency over a conventional HID luminaire..

Included with this LED light is 100 feet of SOOW cord terminated in a 1523 explosion proof straight blade plug.

NOTE: This light needs to be plugged into an explosion proof environment.

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.

To avoid explosion:

- Make sure the supply voltage is within the luminaires' 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 luminaire nameplate.
- Do not operate if the lens is cracked or damaged. All fasteners should be properly seated.

ADJUSTMENT

The lamp can be easily adjusted up or down 90 degrees and locked into position by simply loosening the two hand screws located on either side of the light head and retightening them once the desired angle is found.

This portable explosion proof flood light is multi-voltage capable and configured to operate on 120-277 volts 50/60 Hz. The lamp is T5 temperature rated, Design Lights Consortium approved, and the LED light head retains 80% of its lumen output after 60,000 hours of use, far longer than incandescent or fluorescent lamps. The entire assembly is ETL listed Class 1, Divisions 1-2, Class 2, and Divisions 1-2 for use in hazardous locations and approved for paint spray booths.



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.

RATINGS

- Class 1 Division 1, Groups C and D
- Class 1 Division 2, Group C, D
- Class 2 Division 1-2, Groups E, F, G
- Class 3
- CSA Certified to C22.2 No.137-M81
- cETL Certified to UL844 and C22.2 Standards
- LEL Approved
- T5 Temperature Rating

For info on warranty and returns please visit our website: www.Larsonelectronics.com