12W Infrared Dimmable LED Light Emitter - Extreme Environment - Magnetic Base - 90'L X 70'W Beam Instruction Manual

This light 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. An internal, universal input, power-factor-corrected switch-mode supply allows it to be used from any nominal 9-42V DC supply without any variation in light output.

WARNING

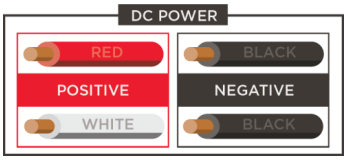
To avoid the risk of fire or electric shock, this product should be installed, inspected and maintained by a qualified electrician only, in accordance with all applicable electrical codes.

MAGNETIC MOUNTING

- The 200 lbs magnet mounting design on the LEDLB-4E-IR-M-PWM6 allows for easy fixture placement and removal. This mounting system includes a power cord with a cigarette plug connector which makes this unit ideal for vehicle and equipment lighting applications where the unit can simply be attached or removed as needed. Please note, the magnetic base on this unit increases the units overall height.
- To adjust, loosen bolts on either side just enough to adjust light head. Tighten bolts once desired position is achieved.

POWER

Connect power to power supply outputting low voltage between 9-42 volts DC. This variable voltage allows greater versatility without affecting light output. Ensure deutsch connectors are properly connected.



LED WIRING

The LEDLB-4E-IR-M-PWM6 comes with your preselected choice of 16ft Coil Cord w/Cigarette Plug, 21ft Cord with Ring Terminals, 16ft Cord w/Battery Clamps, or 16ft Cord with Cigarette Plug

1. To connect take the male deutsch connector located on the end of the cable into the female deutsch connector protruding from the light.
2. Inset the cigarette plug into vehicle outlet.
3. Connect Ring Terminals to power source.
4. Connect Battery Claps to it's respective power source.

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 cooking 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.