Magnetic Mount LED Light Emitter
12 watts - 4 LEDs - 90'L X 70'W Beam - 9-42 Volts DC
Instruction Manual

IMPORTANT

READ CAREFULLY BEFORE INSTALLING THIS FIXTURE. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE. THE LEDLB-4ET-M MUST BE WIRED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES. PROPER GROUNDING IS REQUIRED FOR SAFETY.

WE STRONGLY ENCOURAGE ONLY A LICENSED ELECTRICIAN INSTALL, OPERATE AND MAINTAIN THIS PRODUCT. IF YOU ARE NOT QUALIFIED OR UNFAMILIAR WITH ANY ASPECT OF THIS INSTRUCTION SHEET, CONSULT AN ELECTRICIAN. THERE ARE NO SERVICEABLE PARTS INSIDE.

WARNING: MAKE SURE POWER IS TURNED **OFF** BEFORE STARTING THE INSTALLATION OR PERFORMING ANY MAINTENANCE.

RISK OF FIRE/ELECTRIC SHOCK – DISCONNECT POWER AT BREAKER BEFORE INSTALLING OR SERVICING.
RISK OF PERSONAL INJURY – FIXTURE MAY BECOME UNSTABLE OR DAMAGED IF NOT INSTALLED PROPERLY.
RISK OF BURN – ALLOW FIXTURE TO COOL BEFORE SERVICING.
INFRARED LIGHT MAY CAUSE DAMAGE TO EYES IN VERY INTENSE CONCENTRATIONS.
RISK OF EYE DAMAGE AT SHORT DISTANCES. TURN LIGHT SOURCE OFF BEFORE SERVICING.

The Larson Electronics LEDLB-4ET-M LED Light Bar offers high light output and extreme durability combined with a versatile magnetic trunnion mounting system that provides convenience and 270 degrees of adjustability. This IP68 rated LED light bar is waterproof to three meters and produces 720 lumens while drawing only 12 watts of power @1 amp from a 12 volt electrical system. This light is ideal for use in commercial marine environments as well as industrial applications such as machine vision system lighting, heavy equipment illumination, blasting lighting and mining operations.

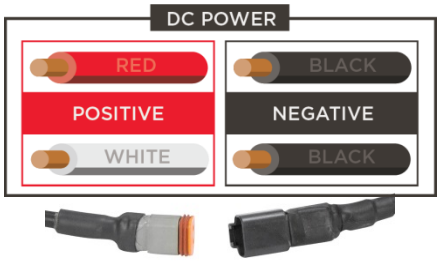
Mounting

The 200lbs grip magnet and cigarette cord mounting design on the LEDLB-4ET-M allows for easy fixture placement. This lighting system includes a Deutsch IPD / LADD DT04-2P connector, which makes this unit ideal for vehicle and equipment lighting applications where the unit can simply be attached or removed as needed. Mating cords with several cord cap options, such as cigarette plug or battery ring terminals, are available for purchase from Larson Electronics if needed. Please note, the magnetic base on this unit increases the units overall height. To adjust angle of the light head, loosen bolts on either side just enough to allow the light to be tilted to the desired position. Tighten bolts once desired position is achieved.



POWER

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



QUICK DISCONNECT
DEUTSCH CONNECTOR

DETACHABLE CORDS

- Cord is attached via a weatherproof 2-pin Deutsch connector.
- The cord is detachable by depressing the tab on the top of the connectors. This enables the operator to remove and store the light while leaving the cord connected to the power source.
- Additional or replacement cords can be ordered from our website. Contact us or visit LarsonElectronics.com for more information.

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.

USE AND CARE

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use.

REPLACEMENT PARTS

The LEDLB-4ET-M is designed to provide years of reliable performance. Should the need for replacement parts arise, please contact Larson Electronics.

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 1-877-348-9680 FOR FURTHER ASSISTANCE.

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