LED Search Light - 12-24V DC, 460,000 Candela - Wireless Remote, Permanent Mount - White Housing Instruction Manual

Thank you for your purchase of a GL-2xxx or GL-3xxx series LED search light from Larson Electronics.

WARNING

Standard Warning (General)

WARNING:

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.
CRITICAL SAFETY INSTRUCTIONS:

- INSTALLATION SHOULD ONLY BE CONDUCTED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH NEC AND ANY RELEVANT LOCAL BUILDING CODES.
- RISK OF FIRE OR ELECTRIC SHOCK. FIXTURE INSTALLATION REQUIRES KNOWLEDGE OF FIXTURE'S ELECTRICAL SYSTEMS. IF NOT QUALIFIED, CONTACT A QUALIFIED ELECTRICIAN.
- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- MAKE SURE THE SUPPLY VOLTAGE IS THE SAME AS THE FIXTURE'S RATED VOLTAGE.
- TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR SHARP OBJECTS. SUITABLE FOR DAMP LOCATIONS.

SAFETY NOTICE

- If replacing LED module, the LED module connector should be connected correctly for positive and negative wires.
  RED and BLUE: Positive (+)
  BLACK and BROWN: Negative (-)

- FCC RULE Part. 15.21：Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

- This searchlight is a Radio Frequency (RF) device which operates on Channel 433.92 MHz. It will send out RF energy when it is in operation.

  1. RF energy may affect some electronic equipment.
  2. Some electronic equipment on vehicles or boats may be affected by RF energy.



IMPORTANT NOTICE

If searchlight DC power is disconnected (wires disconnected from battery or power supply switched off), after reconnecting to power, make sure to turn on the searchlight using the wireless or wired remote, to make a full 360° rotation, in order to reset the home position memory.

SAVE THESE INSTRUCTIONS

Magnetic Warning

- 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 WHEN MOUNTING AS INJURY COULD OCCUR.

OPERATION

1. Press on/off button to turn the search light on or off.
2. Change direction of the light beam by pressing the direction buttons.

▲ Up Button ▼ Down Button ◀ Left Button ▶ Right Button

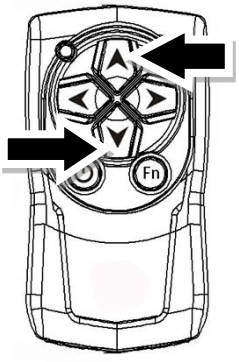
3. Utilize the Function button to switch speed.

Fn Dual speed (Fast / Slow)



HANDHELD WIRELESS REMOTE PROGRAMMING

1. Switch off DC Power or disconnect from battery.
2. Make sure there is NO other transmitter operating at the same time.
3. Switch on DC power, within 5 seconds press remote up ▲ and down ▼button once simultaneously.
4. Searchlight will flash to acknowledge the remote. Connection has been made.
5. Up to 4 remotes may be used with the searchlight (programming a fifth remote will replace the first). To program a second remote, within five seconds of programming the first remote, press the second remote's up and down button once simultaneously. Repeat to program additional remotes.



Wireless Remote Battery: 2x 23A batteries (included)

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. 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.

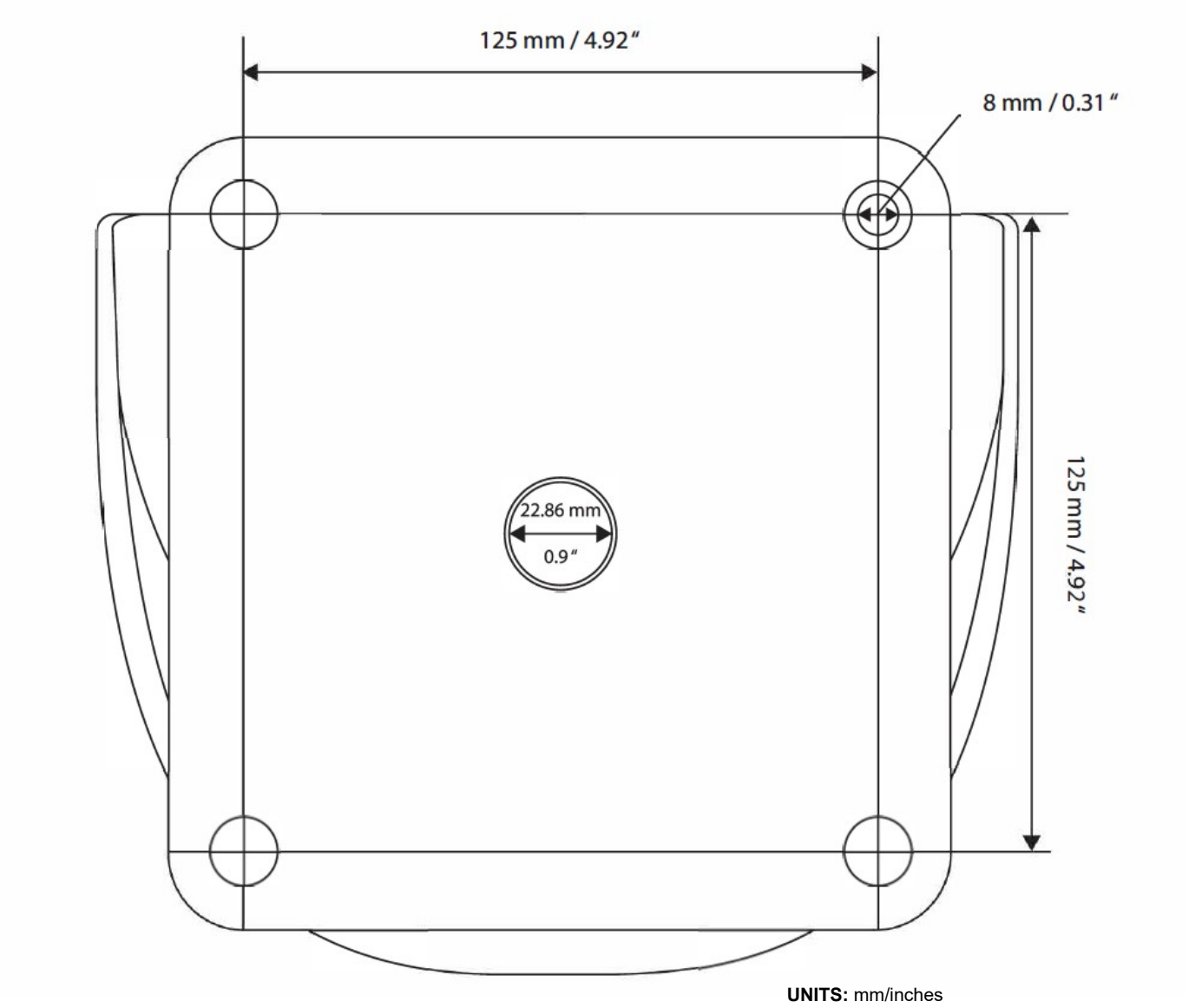
REPLACEMENT PARTS

The GL-2xxx and GL-3xxx Series LED Search Lights are 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.

MOUNTING TEMPLATE - SEARCH LIGHT



UNITS: mm/inches

PLEASE NOTE: If you obtain this mounting template from the Larson Electronics website or any other electronic form, make sure to verify the dimensions of it with an accurate measuring device before using. Duplicate templates may not be at a true 1:1 scale. Take any deviations into account before drilling or mounting the search light.