

Explosion Proof Blasting Light Green LED Blasting Gun Light - 4 Watt - Rechargeable Instruction Manual

Thank you for your purchase of the Larson Electronics BLG-LED-4REX-GRN.

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.

IMPORTANT

READ CAREFULLY BEFORE INSTALLING THIS FIXTURE. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE. THE BLG-LED-4REX-GRN 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.

Never place spotlight face down when light is on. Doing so could burn/ignite surfaces such as seats, carpeting, etc. and cause major property damage. Always turn spotlight off when not in use.

Avoid direct eye exposure the light source when light is on. **DO NOT** shine light into the face of someone else.

DO NOT touch lens of light when on or recently on. The lens/cooling fins will be hot after long periods.

DO NOT allow children to handle or operate this light.

DO NOT use this product for other than its intended use.

DO NOT operate in close proximity of combustible or flammable materials.

DO NOT attempt to operate this light if cord, plug, battery, lens or any part of the light is damaged or corroded.

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.
- PRODUCT MUST BE CONNECTED TO A WIRING SYSTEM WITH AN EQUIPMENT-GROUNDING CONDUCTOR.

TO AVOID EXPLOSION:

- MAKE SURE THE SUPPLY VOLTAGE IS WITHIN THE 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 PRODUCT NAMEPLATE.
- DO NOT OPERATE IF THE LENS, CORD, SEALS, HOUSING, RECEPTACLES, ETC. IS CRACKED OR DAMAGED. IF SO, DISCONTINUE USE AND CONTACT MANUFACTURER FOR REPLACEMENT PARTS.
- ALL FASTENERS SHOULD BE PROPERLY SEATED.

WARNING:

- DO NOT CHARGE BLAST GUN LIGHT WITHIN HAZARDOUS AREA. REMOVE THE LIGHT FROM ITS MOUNT AND CHARGE IT OUTSIDE OF THE HAZARDOUS LOCATION.

The Larson Electronics BLG-LED-4REX-GRN Explosion Proof LED Blasting Gun Light has a 4 watt LED that produces 130 lumens of intense LED illumination and is designed for extreme durability in media blasting applications. This powerful green LED light is designed to be mounted to any standard blasting gun and is powered by rechargeable batteries so no cords or transformers are necessary. This light will run for 4 hours at full power on a single charge. A specially designed mounting system and quick change protective shield allows operators to use this unit as a blasting gun mounted light source that will stand up to abusive use.

INSTALLATION

MOUNTING TO BLAST GUN

Mount the U-bracket from the blasting light to any standard blasting gun. Two bolts keep the bracket in place.

INSTALL/REMOVE LED MODULE

Remove the four screws at the front of the protective lens cap on the gun mount. Once removed, separate the front cap from the rest of the mount. Wiggle the light back and forth until you are able to slide it through the front of the mount. Insert the new light by placing the back end of the light through the mount and pull tight to ensure it is snug. Replace the protective lens cap and re-insert the four screws to fasten the cap to the mount.

NOTE: Install protective lens prior to use in the field!

OPERATION

- The light features a Head-mounted push button Switch
- Depress the push button switch once to turn the light on at full intensity. Depress and hold the switch for one second for low intensity.
- Depress and hold the switch for ten seconds for a very low intensity. (Moonlight Mode) A single press of the switch from any "on" mode will turn the flashlight off.

The protective lens is a simple slide in, slide out configuration. A slot in the bottom of the lens holder allows particles to clear when performing lens changes.



**VIDEO GUIDE**
SCAN THE QR CODE TO WATCH A VIDEO GUIDE FOR THIS PRODUCT

- 1 Load a **QR Code Reader App** on your **Smartphone**.
- 2 Start the **QR Code Reader App**.
- 3 Scan the code on the left with your **Smartphone**.

RECOMMENDED APP

**QR Code Reader**
By Scan, Inc.





CHARGING

Fully charge your flashlight before first use. Several charge/discharge cycles may be needed to achieve full battery capacity. The flashlight may be stored in the charger continuously when not in use. To charge the flashlight, first turn it off and insert it into the charger. The triangular plate on the head fits into a mating recess in the charger. With the plate toward the charger, slip the barrel of the light between the charger arms and pull downward until it locks into place. The red LED on the charger housing must light to insure that the battery is being charged. Keep the flashlight and charger contacts clean at all times. Poor contact can cause charger malfunctions. An abrasive pencil eraser works well to clean the contacts. It should be fully charged in 12 hours. Red LED remains on as long as flashlight is in the charger.

Observe the red LED:

- If the LED does not blink rapidly and continuously, indicating a full charge, within 3.25 hours check the contacts and the charger's power supply wiring. If no obvious problem is found, return the system for service.
- Proper function of the fast charge circuitry can be determined by inserting a flashlight into the charger for at least 5 minutes. Turn the flashlight "on" and the red LED should switch to blink mode within 5 minutes. The fast charger is equipped with circuitry to prevent fast charging in temperature extremes (below 40° F and above 115°)
- When temperature is within the acceptable range fast charging will begin.



BATTERY REPLACEMENT

Simply unscrew the tail cap and slide the battery from the flashlight. Replace the battery inserting the contact end first and reattach the tail cap.

- Replacement Lens (BLG-LED-4REX-198)
- Replacement Battery (BLG-LED-4REX-104)
- Replacement LED Module (BLG-LED-4REX-131)
- Replacement Collar (BLG-LED-4REX-130)
- Replacement Mount Bracket Assembly (BLG-LED-4REX-132)

MAINTENANCE

There are no serviceable parts inside the fixture. However, it is good practice to routinely clean and check the fixture for proper function.

- Disconnect power running to the lamp and be sure the fixture is cool to the touch.
- Use a non-abrasive glass cleaning solution to clean the lens.

Note: It is not necessary to open the fixture and clean or touch the LED's.

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 BLG-LED-4REX-GRN 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 1-800-369-6671 FOR FURTHER ASSISTANCE.

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