

Rechargeable UV LED Light UV 365 nm - 16 Hour Runtime, Pistol Grip - NDT/Spot Curing Instruction Manual

IMPORTANT

READ CAREFULLY BEFORE INSTALLING THIS FIXTURE. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE. THE RL-85-3W1-UV365 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.

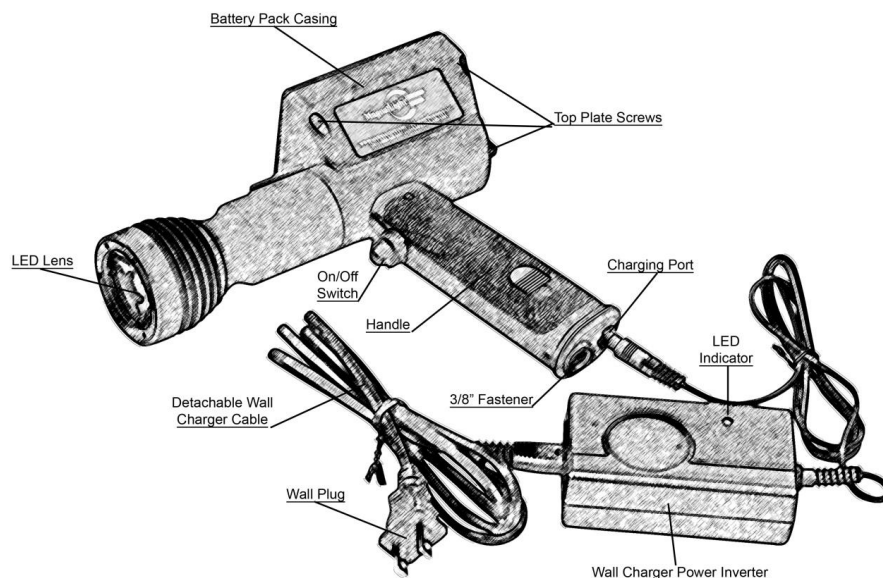
DO NOT allow children to handle or operate this light.

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: ULTRAVIOLET LIGHT IS HARMFUL TO EYES AND SKIN. DO NOT STARE DIRECTLY INTO THE ULTRAVIOLET BEAM WITHOUT WEARING PROTECTIVE GEAR TO PROTECT EYES FROM LONG TERM DAMAGE. UNPLUG LAMP BEFORE SERVICING.



POWER

1. This rechargeable spotlight can be plugged into a standard household wall charger. The charger connects to the light at the base of the handle.
2. The charger will have a solid red indicator light when the battery is charging.
3. Charge time will vary based on remaining battery charge and battery condition. Maximum charge time is 4 hours.
4. The spotlight can be turned on while the charger is plugged in. However, the spotlight *will not* charge while the light is being operated.
5. This LED spotlight has a lithium ion battery. The battery can be charged as little or as much as desired without “memory” issues. Lithium ion batteries *do not* need to be fully drained before charging nor fully charged before continuing usage.
6. The LED indicator will turn green when the battery is fully charged.

WARNING: While the charger is intelligent enough to back off the charger when the battery is fully charged, it is not recommended that you leave the light on the charger indefinitely. Ultimately, the heat created by the charger and the battery will degrade the components. Leaving the battery to charge for a day will not cause damage. However, leaving the battery to charge for multiple days or weeks continuously will degrade the life of the charger and the battery.

7. Lithium ion batteries generally will discharge very slowly while not being used. You can expect a fully charged lithium ion battery to last 9-12 months on the shelf if the light was fully charged when stored.

CHANGING THE BATTERY

The battery is not designed to be “swapped out” in the field. It can be done, but it is not designed to operate like a cordless drill, allowing the operator to snap a replacement battery into place.

1. Remove the 4 screws holding the top cover in place on the rear of the main housing. This is the squared section. The 4 screws can be seen when you turn the light upside down. Once the top cover is removed, you will see the battery pack.
2. The battery pack consists of 6 cells welded together. A single Molex style connector brings power from the battery to the LED bulb. Disconnect this connector and remove the battery pack

as a whole. Double sided tape secures the battery pack. Be sure that if the tape has lost its adhesion qualities that you replace it when replacing the battery pack.
3. Replace the battery pack (part number RL-85-BATT), replace tape if required, reconnect the power connector from the battery to the light, and replace the top cover. Secure the 4 top cover screws.
4. Lithium ion batteries have a very long life. Users should not have to replace the battery pack often.

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.