10 Million CP Rechargeable LED Light Hunting Spotlight
36W - 120/277V - Pistol Style - 3200 Lumens
Instruction Manual

Thank you for your purchase of the Larson Electronics HL.RL-85-LED-36W-CPR-1227.

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 HL.RL-85-LED-36W-CPR-1227 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:

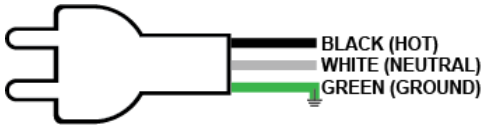
USER SHOULD BE TRAINED IN THE PROPER USE AND MAINTENANCE OF THIS DEVICE. THIS LINE CORD IS INTENDED TO ALLOW OPERATORS TO EXTEND POWER TO EQUIPMENT WHEN STATIONARY OUTLETS ARE NOT READILY AVAILABLE.

IMPROPER USE OF THIS CORD, PLUG, AND RECEPTACLE CAN LEAD TO SERIOUS INJURIES OR DEATH TO PERSONNEL.

PERIODIC INSPECTION OF THE CORD IS NECESSARY.
THE CORD MUST BE ROUTINELY CHECKED FOR CUTS, BREAKS, OR ANY SEVERE ABRASIONS, AND IF ANY ARE FOUND, THE CORD MUST BE REPLACED BEFORE RESUMING USE.

Standard Cord Cap

This unit comes pre-wired from factory with the selected cord cap. Take precautionary steps for weatherproofing all connections if installed in a location where water may come in contact with the unit. All outdoor installations and indoor installations near a wet location require the use of a GFCI device for safety, according to the National Electrical Code® (NEC). Ensure the unit is properly grounded.



The HL.RL-85-LED-36W-CPR-1227 super bright handheld 10 million candlepower spotlight from Larson Electronics is lightweight, ultra rugged, and features a comfortable ergonomic design. This unit uses seven high output Cree LEDs and an advanced reflector and lens configuration to generate 3,200 lumens with a beam reach of over 1,600 feet while drawing only 36 watts of power. What sets this LED spotlight apart from other models is that it charges while it is plugged into a power source even when it is in use. The cord can be detaached from the light by disconnecting it from the power supply to use this light like a rechargeale unit. Operating on 120-277V AC standard wall voltage that is stepped down via waterproof inline transformer to 12-24V DC, this IP67 rated waterproof spotlight is ideal for a wide variety of applications. The HL.RL-85-LED-36W-CPR-1227 features a continual on/off switch that requires one press to stay on and another press to turn off. This unit can be used while plugged in or it can be unplugged and used via battery operation.

POWER

The rechargeable HL.RL-85-LED-36W-CPR-1227 spotlight comes equipped with a 7.4V 2600MA lithium battery and an inline transformer that steps down 120-277V AC to the low voltage required to run the light. A 120V or 240V wall charger comes standard, as well as a vehicle charger that operates on 12-24V DC. This light has a work time of 2.5-3 hours on a single charge. Recharging from a fully discharged state takes 3 hours.



The HL.RL-85-LED-36W-CPR-1227 features a unique charging function that allows the spotlight to be charged while it is plugged into a power source and while it is in use. The cord can be disconnected at any time from the power supply to turn this unit into a rechargeable unit. Once the spotlight is unplugged for portable use, it will offer operators an equivalent battery life to however long it was plugged in for. For example, if the LED spotlight was plugged in and being used for one hour, the battery would then have one hour of portable use available. Once the battery dies, the HL.RL-85-LED-36W-CPR-1227 can immediately be plugged back in for battery recharge while still being able to be used as a normal spotlight during the recharging process.

POWER

This general use LED spotlight is equipped with 20 feet of 16/3 chemical and abrasion resistant SOOW cord between the light and transformer as well as an additional 3 feet extending from the transformer that is fitted with an industrial grade cord cap for easy connection to common wall outlets. Plug options include standard 5-15 15 amp straight blade plug for 110V wall outlets with ground, standard 6-15 15 amp straight blade plug for 220-240V wall outlets with ground, NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets, NEMA L6-15 15 amp twist lock plug for 240V twist lock outlets, British BS1363 13 amp fused 3-blade plug for United Kingdom outlets, or a two pin 16 amp rated Schuko plug with ground contact and socket for European outlets up to 250V. Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug.

DETACHABLE CORDS


DEUTSCH CONNECTOR

- The 12V coil 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 leave the cord connected to the power source and remove to store the light.
- Additional or replacement cords can be ordered from our website.

*We offer 16 foot coil cords with a cigarette plug (C-16-CC-CP), 21 foot cords with ring terminals (C-21- RT), 16 foot cords with battery clamps (C-16-BC), and 16 foot straight cords with cigarette plugs (C-16 CP).

MOUNTING

1. These units are handheld via the pistol grip handle

MAINTENANCE AND BATTERY

- Charge this spotlight using only the provided charger and cord.
- Charge this spotlight every 2 months during periods of non-use.
- Unplug the unit and allow to cool before attempting to clean any part.
- Only use a soft cloth moistened with a mild solution of water and detergent on the outer surface of the spotlight when cleaning.
- Periodically inspect the condition of recharge adapters, connectors and wires. Replace any components that may have become worn or broken.
- This spotlight is designed to provide years of service however, when the internal battery reaches the end of its service life, the battery should be properly disposed of

WARNINGS

- **WARNING:** Never place spotlight face down when light is on or is still hot from recent use. Doing so could burn/ignite surfaces such as sets, carpets, etc. and cause major property damage. Always turn off when not in use.
- **WARNING:** Always unplug charger from light and power source when not in use.
- **WARNING:** To prevent serious damage to eyesight, never look directly into light when light is on. **DO NOT** shine light into the face of someone else.
- **WARNING:** DO NOT allow children to handle or operate this spotlight.
- **WARNING:** DO NOT use this product for anything other than its intended use.
- **WARNING:** DO NOT charge or operate in close proximity of combustible or flammable materials.
- **WARNING: DO NOT** charge battery in gas tight enclosure.
- **WARNING: DO NOT** attempt to charge battery pack using both AC and DC chargers at the same time.
- **WARNING: DO NOT** attempt to charge or operate this spotlight if cord, plug, battery, bulb or any other part of the spotlight is damaged or corroded.
- **WARNING:** Use only charging devices that are provided with this rechargeable LED spotlight or its replacement parts.
- **WARNING: DO NOT** disassemble or tamper with the battery pack.
- **WARNING: DO NOT** dispose of battery in a fire as this might result in an explosion.

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 HL.RL-85-LED-36W-CPR-1227 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.