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RL-85-LED-45W-CPR

12 Million Candlepower Rechargable LED Light Hunting Spotlight- 45 Watts - Pistol Style - 4000 Lumens

Product ID: 272955

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

RL-85-LED-45W-CPR Rechargeable Handheld Spotlight
Lamp Type: Cree LED
Dimensions: 7.95"L x 2.75"W x 8.37"D
Weight: 3 lb
Voltage: 120-240 V AC or 12-24 V DC
Total Watts: 45W
Total Lumens: 4,000
Candlepower: 12 Million
Luminous Efficacy: 88.89 Lm/W
LED Lamp Life Expectancy: 50,000+
Wiring: Detachable Charger
Cord Options: 5-10P (US Charger), Schuko (Intl 240V Charger), or Cigarette Plug (DC Charger)
Beam Type: Spot
Housing Material: Aluminum Alloy & Nylon
Housing Color: Black
Lens Material: Polycarbonate
Mounting: Handheld

Quick Summary
IP67 Waterproof
Dustproof
Shockproof
Impact/Vibration Resistant Construction
Lightweight
Portable
Continual On/Off Switch
Push Once to Power On, Push Again to Power Off

Special Orders - Special Requirements
Contact us for special requirements

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The RL-85-LED-45W-CPR super bright handheld 12 million candlepower rechargeable spotlight from Larson Electronics is lightweight, ultra rugged, and features a comfortable ergonomic design. This unit uses high output Cree LEDs and an advanced reflector and lens configuration to

generate 4,000 lumens while drawing only 45 watts of power. Recharging on 12-24 V DC or 120 V or 240 V, this IP67 rated waterproof spotlight is ideal for hunting, camping, marine, and boating use as well as for first responders and emergency services. The RL-85-LED-45W-CPR features a continual on/off switch that requires one press to stay on and another press to turn off.

Light Features: The RL-85-LED-45W-CPR 12 million candlepower rechargeable handheld spotlight delivers an impressive 4,000 lumens while drawing only 45 watts of energy. In combination with a single high output Cree LED and a 6.75" parabolic reflector, this light cuts through the darkness with an ultra-focused 30° spot beam that clearly and sharply illuminates objects all the way to the end of the beam reach. The Cree LED unit in this light has been chosen for its high lumen per watt ratio and extreme longevity. This Cree LED generates 89 lumens per watt and have a 70% lumen retention at 50,000 hours, giving them better efficiency and operational life than traditional light sources.

This IP65 rated spotlight features an ultra-durable ABS shockproof polymer body, an aluminum alloy light head housing, and an impact resistant 6.75" polycarbonate lens. While the HL-85-LEDWRE-45W-CPR is built to withstand rugged use and harsh outdoor conditions, comfort and ease of operation haven`t been sacrificed. This unit is ergonomically designed for balanced and comfortable handling. The nylon handle has a no-slip textured surface that ensures a firm grip even in wet conditions. The booted push button is conveniently placed to allow operators easy forefinger access to the switch for quick on/off action.

Larson Electronics offers additional options for the RL-85-LED-45W-CPR spotlight, including red and green lenses. For more information, contact sales@larsonelectronics.com.



Click Photo to Enlarge

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

Cree Specific: This lamp uses a single Cree LED unit that has been chosen for its high lumen per watt ratio and extreme longevity. This Cree LED generates a robust 89 lumens per watt effective lumen output and have a 70% lumen retention at 50,000 hours, giving them better efficiency and operational life than traditional light sources.



Click Photo to Enlarge



Click Photo to Enlarge

Power: The rechargeable RL-85-LED-45W-CPR spotlight comes equipped with a 7.4V 2600MA lithium battery and is recharged using an included AC charger. A 120 V or 240 V wall charger comes standard, or an optional vehicle charger that operates on 12-24 V 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.
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)









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RL-85-LED-45W-CPR

Product ID: 272955

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

RL-85-LED-45W-CPR-Charger

Example: RL-85-LED-45W-CPR-US

Charger	
120V USA	-US
220-240V INTERNATIONAL	-INTL
DC CHARGER	-DC

Links (Click on the below items to view):

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