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Product ID: 147597

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



Image:

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-HID-80W-CPR Spotlight
Lamp Type: High Intensity Discharge (HID)
Dimensions: Handle- 4.5"-L 1.5"-Depth 5/8" W
Weight: 3 Lbs 6.Oz
Watts: 35 watts
Voltage: Rechargeable - 120-240V AC 50/60 Hz Wall Charger
Wall Plug: 5-15 Straight Blade for USA - Schuko 2-pin plug for international models
Output:: 15 Million Candlepower
Lamp Life Expectancy: 4500 Hours
Beam Lux in Spot: At 10 Ft: 5,080 At 15 Ft: 3,560
Beam Lux in Flood: At 10 Ft: 1,890 At 15 Ft: 1,188
Battery: Lithium Ion
Beam Type: Adjustable, Spot or Flood

Features
High Output 35 Watt HID Bulb
Lightweight Ergonomic Design
No Tools Field Serviceable
2.5 Hour Runtime
Heavy Duty Nylon/ Polycarbonate Construction
Rechargeable Lithium Ion Battery
15 Million Candlepower

Special Orders - Special Requirements
Contact us for special requirements
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Buy American Compliant

The Larson Electronics RL-85-HID-80W-CPR is an extremely rugged and powerful spotlight designed to provide maximum output and complete portability. This spotlight produces a 15 million candlepower light beam capable of reaching over 2800 feet in length and can be user adjusted to produce either a tightly focused and intense

spotlight beam or a wide floodlight beam. An included rechargeable lithium ion battery pack provides over 2 hours of runtime and high impact nylon and unbreakable polycarbonate construction provides light weight operation and extreme durability.

This light weight and waterproof 35 watt HID spotlight is ergonomically designed to produce a well balanced and easily managed handheld light source that can withstand demanding conditions and use. The entire unit weighs only 3 lbs 6 oz and is constructed with a high impact nylon handle and lamp housing and a thick polycarbonate lens for extreme durability. The unique lens and reflector design of this unit allows it to produce a high quality spotlight beam with exceptional intensity and long reach without irregularities or lens artifacts.

Users can also lift the locking tab behind the lamp housing and rotate the lamp head to adjust the beam configuration. Rotating the housing adjusts the beam from a wide, soft flood pattern to a tight, spot beam reaching up to 2800 feet in length. Continued rotation to the extreme disconnects the lamp head from the handle assembly, allowing operators to quickly and easily replace the bulb when necessary.

Backed by a 3 year warranty, our new Larson Electronics rechargeable handheld spotlight is ideal for work, security, hunting and spotting.

"When it comes to hunting predators I want every advantage I can get. I trust my success to Larson Electronics. They are without a doubt the best spotlight you can find for night hunting." - Dustin Butler, Team Foxpro

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Adjustable Lens - Spot **Click Photo to Enlarge** **Adjustable Lens - Flood**

This units' reflector is designed to provide maximum efficiency and power by capturing and focusing all of the light produced by the 35 watt HID bulb. The shallow convex lens produces minimal light loss and beam spillage with over 90% of the produced light concentrated and focused. While many typical spotlights lose as much as 50% of their output to light escaping around the lens and creating beam spillage, our spotlight produces a well focused and directed light beam of excellent whiteness, intensity and power. The 35 watt bulb in this unit is rated at 4500 hours of operational life and produces 15 million rated candlepower.

The compact lithium ion battery pack is recharged in 4 hours by an included 120-240V AC 50/60 Hz wall outlet plug in charging unit and provides 2.5 hours of operation. The charger is equipped with a 5-15 straight blade wall plug for USA models, and a two pin schuko plug adaptors for international models. A booted push button switch provides easy one finger operation and the no-slip textured surface of the handle provides a sure grip even in wet conditions. A lanyard attachment at the top of the handle adds further protection against dropping should operators lose their grip.

The ergonomic handle is 4.5 inches long, 1.5 inches deep and 5/8 inch thick, and the battery

pack casing is approximately 4.5"L X 3.5"W X 2.5"D. The RL-85-HID-80W-CPR spotlight is designed for easy field maintenance with simple internal connectors accessed through the snap in base at the bottom of the handle and a lamp housing that is easily removed to access the bulb and wiring. No tools are required to change any part of the light including the bulb and battery pack.

5 inch lens **7 inch lens (Optional)**

Click Photo to Enlarge

We also now offer a 5 inch diameter and a 7 inch diameter lens. Although the difference is not significant, the 5 inch lens produces a tighter spot beam while the 7 inch lens produces a wider coverage flood pattern.

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Frequently Asked Questions (FAQ)

There are no Faqs



Image: 15 Million Candle Power Rechargeable Spotlight



Image: HID Pistol Grip Handheld Spotlight RL-85-HID



Image: 35W HID Rechargable Spotlight RL-85-HID



Image: Waterproof HID Spotlight RL-85-HID

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Product ID: 147597

Harmonized System (HS) Code: 8512.20.2080
Export Control Classification Number (ECCN): EAR99

Options:

-Lens Size-Charger
Example: -5-USA

Lens Size		Charger	
5 INCH	-5	USA	-USA
7 INCH	-7	INTERNATIONAL	-INTL

Links (Click on the below items to view):

- **Catalog Page - Product Series**(https://www.larsonelectronics.com//images/product/CatalogPage/147597.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com//images/product/Msds/147597.PDF)
- **Operations Manual**(https://www.larsonelectronics.com//images/product/Manual/147597.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com//images/product/SpecSheetSpanish/147597.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/147597.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/147597.JPG)
- **HigResPic3**(https://www.larsonelectronics.com//images/product/HigResPic3/147597.JPG)
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