Larson Electronics LLC
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RL-85-HID-KT-R1

15 Million Candle Power Rechargeable HID Handheld Spotlight Kit - Charger, Shoulder Strap, MB

Product ID: 272802

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-HID-KT-R1 HID Spotlight Kit

Lamp Technology: High Intensity Discharge (HID)

Kit Contents: HID Light, AC Charger, DC Vehicle Charger, Shoulder Strap and Magnetic Base

Dimensions: -

Weight: 3 lbs 6 oz (Light Only)

Charging Voltage: 120-240V AC 50/60 Hz (Wall Charger) or 12/24V DC (Vehicle Charger)

Total Watts: 35W

Output: 15 Million Candlepower

Luminous Efficacy: -

Lamp Life Expectancy: 4,500 Hours

Color Temperature: -

CRI: -

Lamp Type: -

Lamp Base: -

Replacement Lamp: -

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

Light Configuration: Spot or Flood

Amps: -

Ambient Operating Temp Range: -

Materials: Nylon, Polycarbonate

Mounting: Magnetic Base, Shoulder Strap or Handheld Pistol Grip

Features

High Output 35 Watt HID Bulb

Lightweight Ergonomic Design

No Tools Field Serviceable

Heavy Duty Nylon/ Polycarbonate Construction

Rechargeable Lithium Ion Battery

15 Million Candlepower

Special Orders - Special Requirements

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Battery Type: Lithium-ion

Runtime: Up to 2 Hours

Charge Time: 8 Hours

AC Wall Charging Plug: 5-15 Straight Blade for USA or Schuko 2-pin plug for international models

DC Vehicle Charger Plug: Included

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

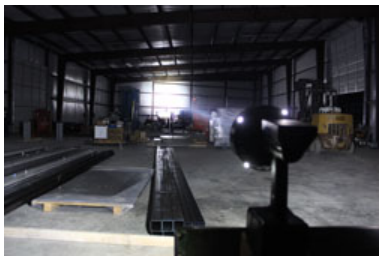
E-mail: sales@larsonelectronics.com

The Larson Electronics RL-85-HID-KT-R1 Rechargeable HID Handheld Spotlight Kit is designed to provide maximum output and complete portability. This spotlight produces a 15 million candlepower light beam 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 can be recharged with included AC and DC chargers. A 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.

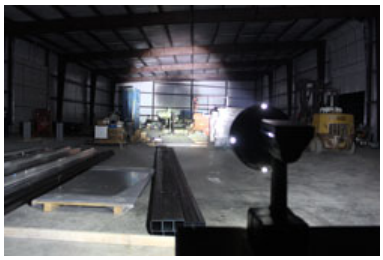
"When it comes to hunting predators I want every advantage I can get. I trust my success to Larson Electronics. They are without a doubt the best spotlight you can find for night hunting." - Dustin Butler, Team Foxpro



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. A booted push button switch provides easy one finger operation.

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.







5 inch lens

7 inch lens (Optional)

Click Photo to Enlarge

Charging: The RL-85-HID-KT-R1 comes with both AC charging for connection to wall outlets and DC charging for connection to vehicles. An included compact lithium-ion battery pack is recharged in 8 hours by a 120-240V AC 50/60 Hz wall outlet plug. The AC charger is equipped with a 5-15 straight blade wall plug for USA models, and a two-pin schuko plug adapter for international models. For DC charging, the kit features a vehicle charger that is compatible with 12/24V DC. The 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.

Mounting: The outdoor light kit has three mounting options for maximum flexibility. A heavy-duty magnetic base enables quick and tool-less mounting on compatible surfaces. An included shoulder strap can be used to carry the spotlight on the shoulder for hands-free applications. Operators may also carry the light via a pistol grip handle. 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 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.

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.

Summary of Specs:

- 15 million candle power output
- Up to 2 hours of runtime
- Range up to 1,600 meters (spotlight)
- Features light focus (flood or spot light) for identifying remote targets
- Equipped with lamp and reflectors in order to provide pure clear light
- Unbreakable lenses with reflector to give high light intensity search light
- Comes with lithium battery, AC charger and DC vehicle charger
- Can keep the battery charged for approximately one month
- Outer cover made from unbreakable polymer, black color in shining or reflecting light
- Weatherproof
- Includes adjustable shoulder strap
- Can be used in horizontal position
- Equipped with magnetic base in order to be mounted on metal parts or wall
- Equipped with hand grip to move or be directed in any direction
- Replacement parts available

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Frequently Asked Questions (FAQ)




RL-85-HID


RL-85-HID



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Product ID: 272802

Export Control Classification Number (ECCN): EAR99

Options:

RL-85-HID-KT-R1-Lens Size-Charger

Example: RL-85-HID-KT-R1-5-USA

Lens Size	
5 INCH	-5
7 INCH	-7

Charger	
USA	-USA
INTERNATIONAL	-INTL

Links (Click on the below items to view):

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- HigResPic10
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map