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RL-85-10W1-R2

10W LED Light - Rechargeable L-ion - Pistol Style - 800 Lumens - 1500' X 100' Beam - 4° Spot Optic

Product ID: 257541

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-85-10W1-R2 Spotlight
Lamp Type: LED
Dimensions: 4.5"-L 1.5"-Depth 5/8" W
Weight: 14.Oz
Watts: 10 watts
Voltage: Rechargeable- Universal Smart Charger
Lumens: 800
Lamp Life Expectancy: 120,000 Hours
Beam Lux: At 10 Ft: 1,050 At 15 Ft: 390
Beam Output: 1500' x 100'
Battery: Lithium Ion
Charge Time: 2.5 Hours
Light Color : 6000K
Beam Type : Very Tight Spot
Need more power? Take a look at our High Intensity Discharge (HID) Spotlight with 3200 lumens and 15 million Candlepower

Features
High Output 10 Watt LED
Lightweight Pistol Grip Design
No Tools Field Serviceable
120,000 Hour LED Lamp Life
Heavy Duty Nylon and Aluminum Construction
Rechargeable Lithium Ion Battery
4° Spot Optic

Special Orders - Special Requirements
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The Larson Electronics RL-85-10W1-R2 LED Pistol Grip Spotlight is an extremely rugged and effective spotlight designed to give users a powerful, durable and easy to use source of reliable light. This spotlight produces 800 lumens and a light beam approximately 1500’ long by 100’ wide with a 4° spot optic, creating a very tight, pencil beam output. This pistol grip

spotlight requires no tools for servicing and runs for 5 hours on a single charge.
This light weight, 10 watt LED spotlight is ergonomically designed to produce a well balanced and easily managed handheld light source that can withstand abuse under tactical conditions and operate for 5 hours on a single charge of its integrated lithium ion battery pack. This light contains a single 10 watt LED rated at 120,000 hours of operational life which is paired with a patent pending reflector design to produce a light beam that reaches 1500 feet in length and 100 feet in width. The beam has a 4-degree spot optic, which results in a very tight, pencil beam light output, ideal for far distances. This beam is strong enough to allow operators to read signs, license plates, addresses and other similar markings at the far end of its total range.



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Click Photo to Enlarge



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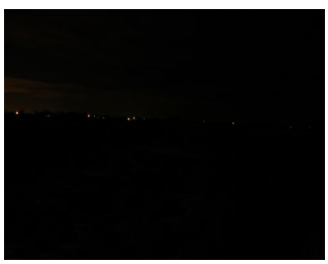
This pistol grip spotlight is designed for durability with a handle constructed of high impact nylon and an LED fully potted within a lamp assembly constructed of machined aluminum. The LED lamp assembly is protected by a thick Lexan lens and the integral lithium ion battery pack provides long battery life rated at 1,000's of charge cycles. This lamp and the materials it is constructed from are water, UV ray, impact and vibration resistant and designed to be easily field serviceable. This unit requires no tools to remove any components and the internal connectors are accessed through a snap in base at the bottom of the handle.
Power for this spotlight is provided via an integral lithium ion battery pack for the highest reliability and durability possible. This unit charges in 2.5 hours and provides 5 hours of runtime when fully charged. The lithium ion batteries used in this unit do not require special charging practices to preserve their effectiveness or longevity and can be recharged when only halfway depleted or only charged to a fraction of their full capacity and will not suffer from degradation or battery memory issues. This means you do not need to wait until the batteries are fully depleted before recharging them, nor do you need to allow them to fully recharge before using the unit. This allows users to operate this unit at any time without having to follow complex or highly inconvenient battery charging procedures.

Periodically, Larson Electronics donates some RL-8510W-1 lights to the Kuala Gandah Elephant Sanctuary. The elephant sanctuary was established in 1989 within the Krau Wildlife Reserve, and is managed by the Malaysian Department of Wildlife and National Parks. Here many orphaned elephants are raised and given shelter. Not long after tourists found out about the elephant shelter the town quickly evolved into a popular tourist attraction. Kuala Gandah (Lanchang) is probably the best place on Peninsular Malaysia to come face to face with an elephant.



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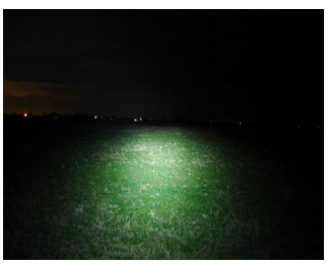

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Lithium Ion Reliability: The lithium ion batteries used in this unit do not require special charging practices to preserve their effectiveness or longevity and can be recharged when only halfway depleted or only charged to a fraction of their full capacity and will not suffer from degradation or battery memory issues. This allows users to use this unit at any time without having to follow complex or highly inconvenient battery charging procedures. Finally, these batteries hold their charge for up to 12 months, allowing users to avoid the need for constant maintenance charging. The included universal smart charging unit is compatible with any voltages both domestic and international and plugs into any standard wall outlet. The smart charger that ships with this light operates automatically and will top off the battery and quit once the battery is fully charged, even if the light is left connected to the charger once fully charged.
Durability-Convenience: The RL-85-10W1-R2 Pistol Grip LED Spotlight contains a single LED that is fully potted within a machined aluminum lamp housing and protected by a thick Lexan lens. This LED has an expected life span of 50,000+ hours and the entire LED lamp housing can be removed and replaced. This light is constructed of UV, water and impact resistant materials including a handle constructed of high impact nylon for extreme durability and resistance to damage from vibrations, shocks and impacts. The machined aluminum lamp housing is finished with an anodized coating for corrosion resistance. 16 gauge wiring is used to connect the internal components for maximum reliability and durability.
Versatility: The entire unit weighs only 14 ounces. This light has a 3/8-16 inch brass nut fastener imbedded in the base of the handle to allow mounting this light to a tripod or magnetic base like our MM-2 or MM-5. We also offer permanent mount bases, which can be screwed into the base as well. This unit is fully field serviceable and requires no tools to disassemble or reassemble. This unit is ideal for military, security and law enforcement as well as hunting and any application that requires an extremely durable and effective source of portable illumination.

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Frequently Asked Questions (FAQ)









RL-85-10W1-R2

Product ID: 257541

Harmonized System (HS) Code: 8512.20.2080

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Catalog Page - Product Series**
- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **Video1**
- **Video2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**