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RL-85-3W1-RED

Red LED Pistol Grip Hunting Spotlight - 16 Hour Runtime - Rechargeable Lithium Ion - 3 Watt LED

Product ID: 50369

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-85-3W1-RED Spotlight
Lamp Type: Red LED
Dimensions: 4.5"-L 1.5"-Depth 5/8" W
Weight: 14.Oz
Watts: 3 watts
Voltage: Rechargeable- Universal Smart Charger
Materials: Aluminum - High Impact Nylon
Lamp Life Expectancy: 50,000 Hours
Battery: Lithium Ion
Charge Time: 2.5 Hours
Light Color: Red
Beam Type: Spot

Features

Special Orders - Special Requirements

Contact us for special requirements

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The RL-85-3W1-RED Red LED Pistol Grip Spotlight from Larson Electronics is an extremely rugged and effective red LED spotlight designed provide a durable and easy to use source of red light for speciality applications. This portable spotlight produces a powerful red light beam reaching approximately 600' long by 175' wide, requires no tools for servicing, and runs for 16 hours on a single charge of its included lithium ion battery pack.

This light weight LED spotlight is ergonomically designed to produce a well

balanced and easily managed handheld source or red illumination that can withstand abuse under tactical conditions and operates for 16 hours on a single charge of its integrated lithium ion battery pack. This light contains a single 3 watt LED which is paired with a patent pending reflector design to produce a red light beam that reaches 600 feet in length and 175 feet in width. 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 red LED spotlight 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.

Lithium Ion Reliability: This pistol grip red LED spotlight contains an integral lithium ion battery pack for the highest reliability and durability possible. This unit charges in 2.5 hours and provides 16 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 unit can be partially recharged, used, then the recharging process can be finished later as time allows without any loss of battery life as would happen with NiCad batteries if they were used in this manner. 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.

Durability-Convenience: The RL-85-3W1-RED Red LED Pistol Grip Spotlight contains a single red 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 and an integral lithium ion battery pack provides 16 hours of runtime and requires 2.5 hours for a full charge. 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.

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 red illumination.

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Frequently Asked Questions (FAQ)









RL-85-3W1-RED

Product ID: 50369

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
- DXF (2D CAD Model)
- MSDS (Material Safety Data Sheet
- Operations Manual
- SpecSheetSpanish
- STEP File (3D CAD Model)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- Video1
- Video2
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map