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HL-85-3W1-IR

Infrared LED Handheld Spotlight - Pistol Grip Spotlight w/ 16' Coil Cord - 3 Watt

Product ID: 49576

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.

HL-85-3W1-IR Spotlight
Lamp Type: Infrared LED
Dimensions: 4.5"-L 1.5"-Depth 5/8" W
Weight: 10.Oz
Watts: 3 watts
Voltage: 9 - 32 VDC
Materials: Aluminum - High Impact Nylon
Lamp Life Expectancy: 50,000 Hours
Connection: 16` Cord, Cigarette Plug
Wavelength: 750Nm, 850 Nm, 940 Nm
Beam Type: Spot

Features

Special Orders - Special Requirements
Contact us for special requirements

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The Larson Electronics HL-85-3W1-IR Infrared LED Pistol Grip Spotlight is an extremely rugged and effective IR spotlight designed to give users in operations requiring infrared illumination a powerful, durable and easy to use source of IR light. This IR spotlight produces an infrared light beam approximately 1,800' long by 175' wide in the 850 Nm range. It is available in 750Nm, 850Nm and 940Nm. Requires no tools for servicing, and runs off of any voltage from 9 to 32VDC.

This light weight, infrared LED spotlight is ergonomically designed to produce a well balanced and easily managed handheld infrared light source that can withstand abuse under tactical conditions and operate with any voltage ranging from 9 to 32 volts DC. This light contains a single infrared LED which is paired with a patent pending reflector

design to produce an infrared light beam that reaches 1,800 feet in length and 175 feet in width. 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. 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 a detachable 16 foot coil cord with cigarette plug provides easy connection to any vehicle or equipment with a cigarette plug socket.
This IR 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.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge

Versatile Power Options: This pistol grip infrared spotlight operates on any voltage ranging from 9 to 32 volts DC. Each HL-85-3W1-IR comes with a detachable 16 foot coil cord with cigarette plug. The cord is detached via a weatherproof, 2 pin Deutsch connector which easily and securely attaches and detaches the coil cord from the spotlight. Other cords, including 21 foot cords with ring terminals (C-21RT), 16 foot cord with spring battery clamps (alligator clips) (C-16BC) and a 16 foot straight cord with cigarette plug (C-16CP) are available.
Durability-Convenience: The HL-85-3W1-IR Infrared LED Pistol Grip Spotlight contains a single infrared 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 can be accessed through a simple snap cover in the base.



Click Photo to Enlarge

Versatility: The entire unit weighs only 14 ounces and comes with an included wrist lanyard for added carrying security. This light comes standard in 850Nm light output configuration for use with more common night vision devices. 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 infrared illumination.

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Frequently Asked Questions (FAQ)



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HL-85-3W1-IR

Product ID: 49576

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

Options:

HL-85-3W1-IR-Wavelength

Example: HL-85-3W1-IR-730NM

Wavelength	
730NM	-730NM
850NM	-850NM
940NM	-940NM

Links (Click on the below items to view):

- Catalog Page - Product Series
- DXF (2D CAD Model)
- Operations Manual
- SpecSheetSpanish
- STEP File (3D CAD Model)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map