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HL-85-5W1-UV365

5 Watt LED UV Handheld Spotlight - Ultraviolet 365NM - Pistol Grip w/ 16' Coil Cord - 9-32VDC

Product ID: 68975

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-85-5W1-UV365 Spotlight

Lamp Type: 5 Watt UV (Ultraviolet 365Nm)

Dimensions: 4.5"-L 1.5"-Depth 5/8" W

Weight: 14.Oz

Watts: 5 watts

Voltage: 9 - 32 VDC

Materials: Aluminum - High Impact Nylon

Lamp Life Expectancy: 50,000 Hours

Wiring: 16` Cord/Cigarette Plug

Light Color: 365Nm

Beam Type: Spot

Features

Special Orders - Special Requirements

Contact us for special requirements

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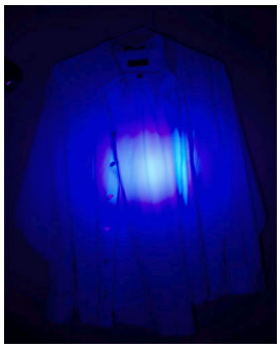
The Larson Electronics HL-85-5W1-UV365 UltraViolet LED Pistol Grip Spotlight is an extremely rugged and effective UV spotlight designed to give users in operations requiring UV illumination a powerful, durable and easy to use source of UV light. This UV spotlight produces an ultraviolet light beam in the 365Nm range, requires no tools for servicing, and operates on any voltage ranging from 9 to 32 volts DC.

This light weight, UV LED spotlight is ergonomically designed to produce a well balanced and easily managed handheld ultraviolet light source that can withstand abuse under demanding conditions and operate on any voltage ranging from 9 to

32 volts DC. This light contains a single ultraviolet LED which is paired with a patent pending reflector design to produce a powerful and effective ultraviolet light beam in the 365Nm end of the light spectrum. Nominal intensity would be 365nm at 12.5 mW/cm² at 12 inches. 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 LED technology provides a lamp life rated at 50,000 hours.
This UV spotlight and the materials are 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. This unit uses a single powerful UV LED, not a cluster of low quality and low power LEDs.



Click Photo to Enlarge

Versatile Power Options: This pistol grip UV spotlight operates on any voltage ranging from 9 to 32 volts DC. Each HL-85-5W1-UV365 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-85-5W1-UV365 LED Pistol Grip Spotlight contains a single Ultraviolet 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 and 16 gauge wiring is used to connect the internal components.
Versatility: The entire unit weighs only 14 ounces and comes with an included wrist lanyard for added carrying security. 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 UV illumination.

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Frequently Asked Questions (FAQ)



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Product ID: 68975

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
- SpecSheetSpanish
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- Video4
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map