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HL-85-3W1-UV405-110V

110V Handheld Ultraviolet LED Spotlight - 25' Cord - UV405 Wavelength - 3 Watts

Product ID: 49604

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-UV405-110V Spotlight

Lamp Type: 3 Watt UV (Ultraviolet 405Nm)

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

Weight: 14.Oz

Watts: 3 watts

Voltage: 110-277V AC w/ inline transformer (9-32 VDC)

Materials: Aluminum - High Impact Nylon

Lamp Life Expectancy: 50,000 Hours

Wiring: 25` cord w/ inline transformer, 5-15 plug

Light Color: 405Nm

Beam Type: Spot

Features

Special Orders - Special Requirements

Contact us for special requirements

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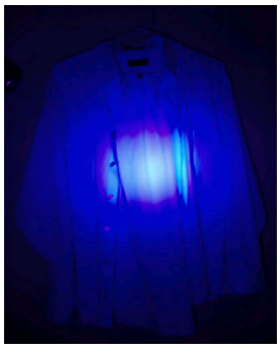
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The Larson Electronics HL-85-3W1-UV405-110V Ultraviolet LED Pistol Grip Spotlight is an extremely rugged and effective UV spotlight designed to give users in operations requiring UV illumination a powerful, durable and easy to use source of UV light. This UV spotlight produces an ultraviolet light beam in the 405Nm range, requires no tools for servicing, and operates on 110V via an included inline transformer.

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 110-277V AC. 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 405Nm end of the light spectrum. Nominal intensity would be 5500-6000 µW/cm 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 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. This unit uses a single powerful UV LED, not a cluster of low quality and low power LEDs.



Click Photo to Enlarge Click Photo to Enlarge Click Photo to Enlarge

Versatile Power Options: This pistol grip UV spotlight operates 110-277V AC via the included inline transformer. This includes common 110V, 120V, 220V and 277V AC, 50/60 hz. By removing the inline transformer, this handheld light will operate on any voltage ranging from 9 to 32 volts DC. Each HL-85-3W1-UV405-110V comes with a detachable 25 foot cord. The cord is detached via a weatherproof, 2 pin Deutsch connector which easily and securely attaches and detaches the 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-UV405-110V 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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HL-85-10W1

HL-85-3W1-UV405-110V

Product ID: 49604

Harmonized System (HS) Code: 9405.10.8020

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

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