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HL-85-10W1-110V

110V LED Spotlight - 800 Lumen - 600'L X 120'W Spot Beam - Pistol Grip Style

Product ID: 49601

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-85-10W1-110V Spotlight
Dimensions: 4.5"-L 1.5"-Depth 5/8" W
Weight: 9 lbs Including Transformer and Cord
Watts: 10 watts
Voltage: 110 VAC Via Transformer
Lumens: 800
Lamp Life Expectancy: 120,000 Hours
Lamp Type: LED
Wiring: 25` Cord, Inline Transformer
Light Color: 6000K
Beam Angle : 120°
Need more power? Take a look at our High Intensity Discharge (HID) Spotlight with 3200 lumens and 15 million Candlepower

Special Orders - Special Requirements
Contact us for special requirements
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The Larson Electronics HL-85-10W1-110V Pistol Grip Spotlight is an extremely rugged and effective spotlight designed to give users a powerful and easy to use source of reliable light. This spotlight produces 800 lumens and a light beam approximately 800' long by 175' wide. This pistol grip spotlight requires no tools for servicing and runs on common 110 VAC current via an included inline transformer.

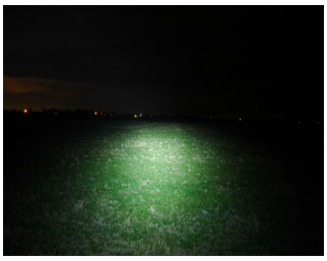
This light weight, 10 watt, LED spotlight is ergonomically designed to produce a well balanced and easily managed handheld light source that can withstand abuse under tactical conditions. This light contains a single 10 watt LED rated at 120,000 hours of operational life which is paired with a patent pending reflector design to

produce a light beam that reaches 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 assembly fully potted within a lamp assembly constructed of machined aluminum. The LED lamp assembly is protected by a thick Lexan lens. 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 included stepdown transformer which converts common 110 VAC household current to 12 VDC for powering the light.

The following pictures show (1) a large open field with minimal ambient light and (2) the same field being illuminated by the HL-85-10W1-110V



Click Photo to Enlarge



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Versatile Power Options: This pistol grip spotlight operates on common 110 VAC household current through the inclusion of a 25 foot cord and an inline transformer. This waterproof transformer steps down common household 110 AC to 12 VDC for powering this spotlight. This spotlight can also be disconnected from the transformer and operated on any voltage ranging from 9 to 32 volts DC. 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-85-10W1-110V 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 120,000 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 waterproof machined aluminum lamp housing is finished with an anodized coating for corrosion resistance and16 gauge wiring is used to connect the internal components for maximum reliability and durability.
Versatility: The entire unit weighs only 9 lbs including transformer and cord 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 portable illumination.

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Frequently Asked Questions (FAQ)









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
- Dimensional Drawing 2D
- DXF (2D CAD Model)
- Operations Manual
- SpecSheetSpanish
- STEP File (3D CAD Model)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
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- HigResPic8
- HigResPic9
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map