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HL-85-HID

15 Million Candlepower Handheld Spotlight - 35 Watt HID - 3200 Lumens - Spot / Flood Combo

Product ID: 1908

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-HID Spotlight

Lamp Type: High Intensity Discharge (HID)

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

Weight: 14.Oz

Watts: 35 watts

Voltage: 12 - 24 VDC

Output:: 3200 Lumens

Lamp Life Expectancy: 4500 Hours

Beam Lux in Spot: At 10 Ft: 5,080 At 15 Ft: 3,560

Beam Lux in Flood: At 10 Ft: 1,890 At 15 Ft: 1,188

Wiring Options: 16` Cigarette Coil, 16` Cigarette, 21` Ring Terminals, 16` Battery Clamps or 16` Flying Leads

Beam Type : Adjustable, Spot or Flood

CE Certified

Features

High Output 35 Watt HID Bulb

Lightweight Ergonomic Design

No Tools Field Serviceable

16 Foot Coil Cord

Heavy Duty Nylon/ Polycarbonate Construction

12/24 Volt DC

15 Million Candlepower

Special Orders - Special Requirements

Contact us for special requirements

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Buy American Compliant

The HL-85-HID from Larson Electronics is an Handheld HID Spotlight that is extremely rugged and powerful spotlight and is designed to provide maximum output and high reliability. This spotlight produces a 3200 lumen light beam capable of reaching over 2800 feet in length and can be user adjusted to produce either a tightly focused and intense spotlight beam or a wide

floodlight beam. This light operates on 12 or 24 volts DC and includes a choice of cigarette plug cords for connection to vehicles, boats ATV`s and similar vehicles.

This lightweight and waterproof 35 watt HID spotlight is ergonomically designed to produce a well balanced and easily managed handheld light source that can withstand demanding conditions and use. The entire unit weighs only 14 oz and is constructed with a high impact nylon handle and lamp housing and a thick polycarbonate lens for extreme durability. The unique lens and reflector design of this unit allows it to produce a high quality spotlight beam with exceptional intensity and long reach without irregularities or lens artifacts.



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Click Photo to Enlarge

Click Photo to Enlarge

Users can also lift the locking tab behind the lamp housing and rotate the lamp head to adjust the beam configuration. Rotating the housing adjusts the beam from a wide, soft flood pattern to a tight, spot beam reaching up to 2800 feet in length. Continued rotation to the extreme disconnects the lamp head from the handle assembly, allowing operators to quickly and easily replace the bulb when necessary.
our Larson Electronics HL-85-HID handheld spotlight is ideal for work, security, hunting and spotting.

"When it comes to hunting predators I want every advantage I can get. I trust my success to Larson Electronics. They are without a doubt the best spotlight you can find for night hunting." - Dustin Butler, Team Foxpro

"This is by far one of the best spotlights that we`ve used"- Wild Hog Hunters Review



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Click Photo to Enlarge



Click Photo to Enlarge



An unlit parking lot with a building 300 feet away.

Click Photo to Enlarge



The same parking lot lit by the HL-85-HID with the building clearly visible.

Click Photo to Enlarge

This units` reflector is designed to provide maximum efficiency and power by capturing and focusing all of the light produced by the 35 watt HID bulb. The shallow convex lens produces minimal light loss and beam spillage with over 90% of the produced light concentrated and focused. While many typical spotlights lose as much as 50% of their output to light escaping around the lens and creating beam spillage, our spotlight

produces a well focused and directed light beam of excellent whiteness, intensity and power. The 35 watt bulb in this unit is rated at 4500 hours of operational life and produces 3,200 lumens.



16ft Coil Cord w/Cigarette Plug



21ft Cord with Ring Terminals



16ft Cord w/Battery Clamps



16ft Cord with Cigarette Plug

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Wiring: Each light 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. This light can be ordered in either 12 volt or 24 volt configuration, allowing it to be used with any vehicle or ATV equipped with a cigarette plug. Choose voltage below when ordering.
Operation: The HL-85-HID is designed to operate with either 12 or 24 VDC, draws 4.8 amps at start for 60 seconds and 3.3 amps continuous. A booted push button switch provides easy one finger operation and the no-slip textured surface of the handle provides a sure grip even in wet conditions. A lanyard attachment at the top of the handle adds further protection against dropping should operators lose their grip.
The ergonomic handle is 4.5 inches long, 1.5 inches deep and 5/8 inch thick and 3/8-16 inch brass nut fixture embedded in the base of the handle allows operators to attach a magnetic base like our MM-2 or MM-5 to the light. This feature also allows the light to be mounted to a standard tripod as well. The HL-85-HID spotlight is designed for easy field maintenance with simple internal connectors accessed through the snap in base at the bottom of the handle and a lamp housing that is easily removed to access the bulb and wiring. No tools are required to change any part of the light including the bulb.



5 inch lens

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7 inch lens (Optional)

We also now offer a 5 inch diameter and a 7 inch diameter lens. Although the difference is not significant, the 5 inch lens produces a tighter spot beam while the 7 inch lens produces a wider coverage flood pattern.
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)






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HL-85-HID

Product ID: 1908

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

Options:

HL-85-HID-Lens Size-Cord Type

Example: HL-85-HID-5inch-16CP.CC

Lens Size	
5 INCH	-5inch
7 INCH	-7inch

Cord Type	
16 CIG COIL	-16CP.CC
16 CIG	-16CP
21 RING TERMS	-21RT
16 BATT CLAMPS	-21BC
16 FLYING LEADS	-16PIGTAIL

Links (Click on the below items to view):

- Catalog Page - Product Series
- Dimensional Drawing 2D
- Operations Manual
- SpecSheetArabic
- SpecSheetFrench
- SpecSheetSpanish
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- Video1
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- ISO 9001 Certification
- Business Certificate
- Shipping Time Map