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Product ID: 106093

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image:

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-CPR Spotlight
Lamp Type: High Intensity Discharge (HID)
Dimensions: Handle- 4.5"-L 1.5"-Depth 5/8" W
Weight: 20.0 Oz
Watts: 55 watts
Voltage: 12 - 24 VDC
Output: 5000 Lumens
Candlepower: 30 Million
Lamp Life Expectancy: 4500 Hours
Cord : 16 Foot Coil Cord with Cigarette Plug
Beam Type : Adjustable, Spot or Flood

Features
High Output 55 Watt HID Bulb
Lightweight Ergonomic Design
No Tools Field Serviceable
16 Foot Coil Cord
12/24 Volt DC
CE Certified

Special Orders - Special Requirements
Contact us for special requirements
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When your number one priority is simply getting as much light as possible to an area, HID lights can`t be beat. The HL-85-HID-CPR super bright handheld spotlight boasts an intense 5,000 lumen output and a tightly focused beam that reaches over 5,000 feet. Rustproof, shockproof, and IP65 rated waterproof, the HL-85-HID-CPR is ideal hunting, hiking, camping, security and military applications as well as for boating and marine use. Larson Electronics

offers this light in a 7" reflector size. This light operates on 12 or 24 volts DC and includes a 16 foot coil cord with cigarette plug for connection to vehicles, boats ATV`s and similar vehicles.

Combining a powerful 55W HID bulb and a specialized reflector and lens placement, the HL-85-HID-CPR handheld spotlight penetrates the darkness with 5,000 lumens of super bright light and a beam length of over 5,000 feet. The adjustable lens is offered in a 7" lens and is adjustable from spot to flood to provide flexibility in the field without having to carry multiple products.

The unique shape and shallow contour of the reflector is paired with a convex lens and inset lens position to efficiently capture and project a focused beam of light while reducing the light spillage and waste that is common with many spotlights. This efficient design also reduces casting, a phenomenon that occurs when wasted light “spills” around the light source. Often times, when surrounded by water, snow or other reflective surfaces, this light spillage prevents the human eye from adjusting properly and seeing objects at distance. With the HL-85-HID-CPR spotlight configuration, 90% of the emitted light is captured and focused, clearly and sharply illuminating objects all the way to the end of the beam reach.

Users can 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 5,000 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.

The HL-85-HID-CPR super bright handheld HID spotlight features a lightweight, weighting in at only 20 oz., yet ultra durable design. The ABS polycarbonate body and lens provide impact and shatter resistance, enabling this light to take the toughest of abuse in the field and on the jobsite. And because the 55W HID bulb contains no filament, it is much more stable and resilient than halogen bulbs. While the HL-85-HID-CPR is built to withstand rugged use and harsh outdoor conditions, comfort and ease of operation haven’t been sacrificed. The nylon handle has a no-slip textured surface that ensures a firm grip even in wet conditions. The booted push button is conveniently placed to allow operators easy forefinger access to the switch for quick on/off action.

We offer a 7" diameter lens which produces a tight spot beam.

This unit`s 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 55 watt bulb in this unit is rated at 4500 hours of operational life and produces 5,000 lumens.

our Larson Electronics HL-85-HID-CPR 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



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge

The HL-85-HID-CPR is designed to operate with either 12 or 24 VDC, draws 7 amps at start for 60 seconds and 4.6 amps continuous, and is equipped with a 16 foot coil cord ending in a standard cigarette socket plug. We also offer optional cords including heavy jacketed straight cords as optional accessories that are terminated with spring battery clamps, cigarette plugs, battery ring terminals, NATO connectors and Hubbell plugs, and the C-25CP 25 foot straight cord with heavy jacket and molded cigarette plug. 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-CPR 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.



16ft Coil Cord w/Cigarette Plug



21ft Cord with Ring Terminals



16ft Cord w/Battery Clamps



16ft Cord with Cigarette Plug

Click Images to Enlarge

Power: Each HL-85-HID-CPR Spotlight 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 on 11-32V DC, including 12 volt or 24 volt DC, allowing it to be used with any vehicle or ATV equipped with a cigarette plug. Choose voltage below when ordering.

Versatility: The entire unit weighs only 20 oz. The adjustable light head allows this unit to be used

as both a spotlight and a flood light, saving space and time in the field, and allows operators to configure this light to their application with each use. The handle is ergonomically designed to fit the contours of your hand for a comfortable grip. This unit is ideal for hunting as well as military, security and law enforcement use and any application that requires an extremely durable and effective source of portable illumination.

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Frequently Asked Questions (FAQ)

There are no Faqs

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Image: 30 Million Candlepower Handheld Spotlight

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Image: 50 Watt HID Handheld Spotlight



Image: 5500 Lumens Handheld Spotlight

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Image: Spot / Flood Combo Handheld Spotlight

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Product ID: 106093

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

Options:

-Cord Type
Example: -16CP.CC

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**(https://www.larsonelectronics.com//images/product/CatalogPage/106093.PDF)
- **Dimensional Drawing 2D**(https://www.larsonelectronics.com//images/product/DimensionalDrawing/106093.PDF)
- **Operations Manual**(https://www.larsonelectronics.com//images/product/Manual/106093.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com//images/product/SpecSheetSpanish/106093.PDF)
- **STEP File (3D CAD Model)**(https://www.larsonelectronics.com//images/product/Step/106093.ZIP)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/106093.JPG)
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