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HUL-18-HID

15 Million Candlepower - HID Handheld Spotlight - IP67 Waterproof - 2500' Long x 80' Wide Spot Beam

Product ID: 46865

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.

HUL-18-HID Spotlight

Lamp Type: HID High Intensity Discharge
Dimensions: 10" High 5.5" Diam 4.25" Depth
Weight: 1.2 Lbs
Voltage: 12 or 24 VDC
Watts: 35 Watts
Lamp Output: 3200 Lumen, 15 Million Candlepower
Light Color: White
Beam: 2500-L x 80-W
Ambient Operating Temp: -40°C to 105°C
IP Rating: IP67 Waterproof
Vibration tolerance: 8.6G RMS
Mounting: Handheld Portable
Wiring: 16ft Coil Cord w/Cigarette Plug, 21ft Cord with Ring Terminals, 16ft Cord w/Battery Clamps, 16ft Cord with Cigarette Plug

Special Orders - Special Requirements
Contact us for special requirements
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The Larson Electronics HUL-18-HID Spotlight is a rugged and effective HID spotlight designed to provide users with a powerful, durable, and easy to use source of reliable light. This spotlight has a 35 watt HID bulb which produces a light beam approximately 2500’ long by 80’ wide. This spotlight includes a detachable 16 foot coil cord with cigarette plug for easy connection to vehicle

and equipment power sources.
This durable and weatherproof spotlight is ruggedly designed to withstand heavy duty use and includes a 16 foot coil cord and cigarette plug adapter to allow connection to any vehicle or ATV equipped with a cigarette plug. This light contains a single 35 watt HID bulb paired with a precision aluminum reflector and borosilicate hardened glass lens to produce a powerful 3200 lumen, 15 million candlepower light beam that reaches 2500 feet in length and 80 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 spotlight is built for durability and comfort with an impact resistant housing, an ergonomically designed 5 inch tall polycarbonate handle that matches the contours of your hand, and a light head that can be adjusted vertically. The 5.5 inch diameter lamp and reflector assembly is protected by a borosilicate hardened glass lens that is sealed against water and dust to provide an IP67 rating and weatherproof protection.
Power options include 12 or 24 volt DC versions for use with most common vehicle, boat or ATV electrical systems. This spotlight is a powerful and rugged design ideal for use in hunting, utility, emergency, industrial/commercial and military/law enforcement applications.



Click Photo to Enlarge



Click Photo to Enlarge

The image on the left shows a long, dark road similar to a long corridor, illuminated with nothing but moonlight. The image on the right is the same road, now being illuminated with the HUL-18-HID; The HUL-18-HID is clearly and easily reaching the distant trees over 1800` away, even while cutting through the distant street light.

Each HUL-18 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 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.



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

Durability-Convenience: The HUL-18-HID Spotlight is constructed of impact resistant materials including a nylon housing and polycarbonate handle. The lamp assembly contains an aluminum reflector and borosilicate hardened glass lens. The lamp assembly is sealed against water and dust and the entire unit is IP67 rated waterproof to 1 meter.
Power: Each HUL-18-HID 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 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.

Versatility: The entire unit weighs only 1.2 lbs. The light head is mounted to the handle with an adjustable hinge that allows the head to be adjusted vertically. The five inch tall 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.

Note on Voltage: Most vehicles are 12 Volt DC. 24 Volts ***DOES NOT*** mean more power. Running a 12V power source will result in a very dim or non-functioning light, and may cause internal damage to the light as well. For common vehicle use, please order 12V.

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Frequently Asked Questions (FAQ)






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AL-85-HID-5inch

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HUL-18-HID

Product ID: 46865

Warranty: 36 Months.

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

Options:

HUL-18-HID-Voltage-Cord

Example: HUL-18-HID-12-16CPCC

Voltage	
12V	-12
24V	-24

Cord	
16 CIG COIL	-16CPCC
16 CIG	-16CP
21 RING TERMS	-21RT
16 BATT CLAMPS	-21BC
16 FLYING LEADS	-16.PIGTAIL
16 STRAIGHT CORD	-16SC
NO CORD	-NC

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **Solidworks EASM File**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**