

HML-6M

35W HID Spotlight w/ 200lb Grip Magnetic Base - 3200 Lumens - 12/24V DC - Ball Joint Swivel Mount

Product ID: 90

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.

HML-6M HID Spotlight w/ 200lb Magnetic Base & Ball Joint Mount

Lamp Type: HID Xenon D2
Dimensions: Lens: 4.5"H x 7"W
Weight: ~7 lbs
Voltage: 12V DC or 24V DC
Watts: 35W
Lumens: 3200
Luminous Efficacy: 91.4 Lm/W
Color Temperature: 7000K - Bright White
Lighting Configuration: Spot Beam
Beam Length: 1850'
Amps: 4.8A (Startup); 3.3A (Avg. After 60 Seconds) @ 12V DC - 2.4A (Startup); 1.7A (Avg. After 60 Seconds) @ 24V DC
Ambient Operating Temp Range: -40°C to +105°C
Waterproof Rating: IP65
Vibration Resistance: 8.6Grms
Wiring Options: 16` Cigarette Coil, 16` Cigarette, 21` Ring Terminals, 16` Battery Clamps, 16` Flying Leads
Housing Material: Die Cast Aluminum
Housing Color: Black
Lens Material: Hardened Borosilicate Glass
Optic: Precision Metal Reflectors
Mounting: 200 lbs Grip Magnetic Base
Adjustment: Flexible Ball Joint for 360° Rotation & 130° Tilt

Ratings/Approvals

IP65 Waterproof
Impact/Vibration Resistance
Shatterproof Lens
Ambient Op Temp -40°C to +105°C
Available with Choice of Cord and Plug
Ideal for Hunting and Outdoor Applications
Extremely Durable and Versatile

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671

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The HML-6M from Larson Electronics is a HID Spotlight with 200lb Grip Magnetic Base and Adjustable Ball Joint Mount that produces 3,200 lumens of light while drawing only 35 watts from a 12V or 24V DC low voltage power source. This spotlight is equipped with a 200lb grip magnetic base for quick and easy mounting to flat, magnetic surfaces. The flexible ball joint mount allows the HML-6M to be swiveled and tilted in the desired direction while the light is mounted.

The HML-6M is a powerful HID spotlight that produces 3,200 lumens of bright white (7000K) light in a spot beam that measures 1850` long and 150` wide. This spotlight is constructed from durable cast aluminum with a durable powder coated finish and is equipped with a handle mounted on top that makes for easy transportation and swivel/tilt adjustment. The innovative ball joint mount on this spotlight allows the light to be rotated 360 degrees and tilted up to 130 degrees which allows operators to adjust the light in the direction they need it the most. A hand locking mechanism keeps the light pointing in the desired direction.



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The HML-6M features a hardened borosilicate glass lens that measures 4.5 inches tall by 7 inches wide. Precision metal reflectors allow the 35 watt HID Xenon D2 type lamp to produce an 1850` long spot beam that can be used to illuminate targets from a long distance. The internal HID ballast in this spotlight has "instant on" functionality and comes to full power in 15 seconds.

Power/Voltage: The HML-6M can operate on any voltage ranging from 9-32V DC including 12V DC and 24V DC. On 12V DC, this spotlight draws 4.8 amps on startup and 3.3 amps average draw after 60 seconds. On 24V DC, this spotlight draws 2.4 amps on startup and 1.7 amps average draw after 60 seconds.

Durability: The HML-6M HID spotlight can hold up in rough and abusive conditions. This spotlight features dust and water resistance via gaskets and seals, an IP65 waterproof rating and a vibration tolerance of 8.6G RMS. The HML-6M has an operating temperature of -40°C to +105°C and weighs approximately seven pounds.



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.

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Mounting: The HML-6M HID spotlight is equipped with a five inch diameter magnetic base that boasts 200 pounds of grip strength. This magnetic base makes this spotlight incredibly easy to securely mount to flat magnetic surfaces such as vehicles and guns.

Suggested Applications: Hunting, fishing, off-roading, ATVs, security, military applications and any other application that requires a powerful spotlight that can withstand extreme conditions.

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.

Frequently Asked Questions (FAQ)









HML-6M

Product ID: 90

Harmonized System (HS) Code: 8512.20.2080

Export Control Classification Number (ECCN): EAR99

Options:

HML-6M-Cord

Example: HML-6M-16CP

Cord	
16 CIG PLUG	-16CP
21 RING TERMINAL	-21RT

Links (Click on the below items to view):

- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [HigResPic10](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)