

HML-5M

24 Volt Magnetic Spotlight w/ Control Handle - 70 Watt Halogen - Adjustable - Waterproof

Product ID: 70

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-5M 24 Volt Magnetic Mount Military Spotlight

Lamp Type: H3 Halogen
Dimensions: 6" Light Head, 7" Handle
Weight: 1.5 lbs
Voltage: 24 volt DC
Total Watts: 70W
Amperage: 2.92A @ 24V DC
Total Lumens: 1,750
Luminous Efficiency: 25 Lm/W
Lamp Life: 400 Hours
Color Temp: 3000K
Lighting Configuration: Spot Pattern
Housing Material: ABS Plastic
Lens Material: Polycarbonate
Handle Material: Polypropylene
Mounting Material: Powder Coated Steel & Stainless Hardware
Mounting: 100 lb Magnetic Mount w/ Control Handle
Wiring: 21' Cord with ring terminals

Features/Quick Summary

100% Portable
Waterproof / Shock Resistant
Operates on 24 Volts Direct Current
2-Pin Quick Disconnect
100lb Magnetic Grip Mounting Base
Integrated On/Off Toggle Switch
Weather, Sand & UV Resistant
Integrated On/Off Toggle Switch
Adjustable - 140° Tilt / 360° Pivot
High Quality Military Light
Can be Exported Worldwide
Made in the USA

Special Orders - Special Requirements

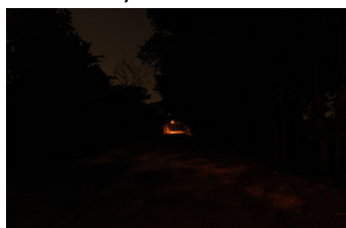
Contact us for special requirements
Toll Free: 1-800-369-6671
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Made in the USA

The Larson Electronics HML-5M is a high powered 10 million candle power military spotlight that operates on 24V. This portable spotlight is equipped with a 100 pound grip magnetic, 7" powder coated handle, and solid polypropylene reverse pistol grip handle. A tension hinge enables

the lamp housing to tilt 140° up and down, 360° rotation, and keep the position once released.

This hand operated magnetic spotlight is effective for semi-permanent mounting and handheld use when high powered illumination is required. The 100 pound grip magnetic base holds the light in place on protective barriers, vehicle panels, and gun turrets on the military HUMVEE, even under the most aggressive road and off-road conditions. Hunters may use this light while mounted to the top of the vehicle. When spotting, they can move the light quickly to follow the movement of the animal. Once the animal is identified, the tension hinge will semi lock in the light and operators can move in on foot. The military uses this base in a similar fashion, scanning the peripheral for assailants, roadside bombs, etc. However, once the convoy is stopped and the shooting begins, the rotation and tilt angles are semi locked in, reducing the light from straying away from its target during vehicle or artillery related vibration that can alter the angle of the lighting.



This image shows a dark road, illuminated by the moonlight and a distant street light.

[Click Photo to Enlarge](#)



This image shows the HML-5M illuminating the same dark road as above, easily reaching distances of up to 500'

[Click Photo to Enlarge](#)

This 24 volt magnetic mount military spotlight configuration is unique to Larson Electronics LLC and the Larson Electronics range of industrial grade spotlights and flood lights. This "reverse pistol grip" frame includes a steel bracket system that maintains beam position after placement. Combined with a 6" lamp and 3.25" 100lb magnetic base, this light configuration is counterbalanced for easy handheld use. More importantly, users can easily move from handheld use to vehicle or equipment mounting, since the handle system does not preclude simultaneous use of the magnetic mounting base. The magnetic spotlight is ideal for semi-permanent mounting on ferrous metal surfaces.

The light head is constructed of injection molded ABS plastic and fitted with a impact and shatter resistant polycarbonate lens. The sand, UV, and weather resistant spotlight housing effectively dissipates heat while providing weather protection for the toggle switch, internal H3 lamp, and fixture wiring harness. The unique design of the spotlight housing enables continuous use in the most inclement weather conditions without risk of corrosion or damage.

The HML-5M has a 21 foot straight cord with 3/8" ring terminals for direct battery connection and inline quick disconnect. The cord connects to the light fixture via weatherproof 2-pin molded SAE connector. A simple on/off toggle switch is conveniently located at the back side of the light head and within reach of the solid polypropylene handle.

Note On Voltage: Most vehicles are 12 Volts DC. 24 Volts **DOES NOT** mean more power. Running a 24V light from 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.

Frequently Asked Questions (FAQ)









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Product ID: 70

Warranty: 60 Months

Harmonized System (HS) Code: 8512.20.2080

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)