

HML-3BB

12 Volt handheld Spotlights with Magnetic Base - HML-3BB

Product ID: 23

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.

This twelve volt magnetic spotlight and floodlight configuration is unique to Larson Electronics LLC and the Larson Electronics range. This "reverse pistol grip" frame includes an aluminum bracket system that maintains beam position after placement. Combined with a 6 inch lamp and 3.25 inch 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.

Unlike post mounted lights, which require drilling into the vehicle's frame and creating exposure to weather, these lights can be attached anywhere there is a ferrous metal surface. In fact, this powerful magnetic base, with 100 pounds of gripping power, is strong enough to keep the light affixed to the vehicle while in motion.

The handle frame is corrosion proof and is built with aircraft grade aluminum, polished in a vibratory deburring process. The solid polypropylene handle will never soil, decompose or require replacement. The chrome dipped light housing effectively dissipates heat while providing weather protection for the toggle switch, lamp and lamp wiring harness. The unique design of the light housing enables continuous use in the most inclement weather conditions without risk of corrosion or damage.

The magnetic spotlight is ideal for semi-permanent mounting on ferrous metal surfaces. The magnetic base is 3.25 inches in diameter and the 100 pounds of gripping power is commonly used to mount this spotlight and floodlight choice to vehicles. In fact, this powerful magnetic base is strong enough to keep the light affixed to the vehicle even while in motion. Unlike permanent post mounted lights, where drilling can cause corrosion and weatherproofing issues, users can mount the light when needed and store the light when not in use. This light represents the ultimate in versatility, both in semi-permanent mounting and in handheld use. The Hand Magnetic Light is ideal for users who continuously move the light into different mounted positions.

Standard configuration includes a 16-foot straight 2X16 AWG zip cord and SAFCO Valox cigarette lighter adapter with 10 AMP fuse. Upgrades include coil cords, various plug types. Please review our accessories section for more information on upgrades.

Dimensions: 8.0 inches H X 5 inches L X 6.25 inches W
Weight: 4 pounds

This 12 volt magnetic spotlight contains a sealed, all-glass 50 watt lamp that provides 1750 Lux of illumination at 25 feet (by comparison, a 4 D-cell Mag-Lite produces 300 lux at 25 feet). This lamp is rated at 8 million candlepower within a Larson Electronics spotlight. The lens of this spotlight is covered with a "blue eye" style coating. This coating is designed to reduce the glare on outer edges of the spotlight's beam caused by fog, haze, rain, snow, etc. Combined with a focusing shield over the bulb, this blue coating improves the spotlight's projected beam visibility in the worst weather. Like the entire all-glass range of Larson Electronics spotlights, this lamp was designed and built for aircraft landing lights. As a result, this spotlight not only produces a bright beam, but it also is resistant to vibration and weather related damage. This spotlight is most commonly purchased for bad weather use, because this spotlight delivers the most light to the target regardless of atmospheric, moisture related interference. The life of this lamp is rated at 150 hours within a Larson Electronics spotlight with magnetic base. This Larson Electronics spotlight is equipped with a 3.25 inch diameter magnet with 100 pounds of magnetic grip. Replacements lamps are readily available through Larson Electronics and www.larsonelectronics.com.



Frequently Asked Questions (FAQ)









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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](#)
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- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)