Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

ML-1-200lb-BC

ML-1-200lb-BC Flood Light with 200lb Grip Magnetic Base - Spring Battery Clamps

Product ID: 187

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



Image: ML-1-200lb-BC

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.

US Border Patrol specification flood light.

The Magnetic Light (ML) (TM) series of spotlight and flood lights are MADE IN THE USA and enable the operator to control the rotation and elevation of the light beam. An ideal searchlight configuration, the operator positions the beam by changing the angle of the lamp. Magnetic Lights (ML) have magnetic mount bases, measuring 3.25 inches in diameter, with 100 pounds of magnetic pull. Magnetic Lights are used as military spotlights, searchlights, utility spotlights, roof mount spotlights, hunting spotlights, work lights and linesman lights.
Magnetic Utility Light (ML) will hold their position once the operator positions the beam. The operator can adjust the tension bolts to increase or lessen the "position holding" hinge depending on the amount of vibration in the environment. Magnetic Lights can be used on vehicles, boats and heavy equipment.
- ML-1 is a 35 watt flood light. It emits a dispersed (diffused) beam that is approximately 65 feet wide by 75 feet long. This beam is intended for illuminating a work area. It is not intended to project a directional, focused beam that will reach great distances. This light is effective as a

work light, because the trapezoidal lens minimizes the "bright ball" effect on your eyes when you look directly into it. The life of this lamp is rated at 675 hours within a Larson Electronics floodlight.
- 5 inch diameter round magnetic base with 200 pounds of magnetic grip, enables the light to be mounted securely to any metal surface. Larson Electronics provides magnetic mount plates to attach to non-ferrous surfaces. These plates enable the use of all the Larson Electronics' remote control spotlights with magnetic bases on any surface, including fiberglass, wood and concrete. These mounting plates are sold separately.
- Interlocking aluminum and stainless steel u-brackets secure the elevation of light beam once the operator positions the beam. The operator can tilt the lamp head up and down with pressure from a single hand. The tension on the hinge system will hold the lamp head in place once the operator positions it. This means that the operator can position the light beam at any angle and the light will hold that angle until the operator changes the tilt of the beam.
- UV and salt resistant lamp housing measures 6 inches in diameter and 3.5 inches deep.
- On/off toggle switch located on the back of the lamp housing controls power to the lamp.
- Detachable cord options include 16 foot cord with cigarette plug, 21 foot cord with spring battery clamps, 21 foot cord with 3/8 inch ring terminals, 10 foot coil cord with cigarette plug, 16 foot cord with cigarette plug with on/off switch and 21 foot cord with ring terminals and inline on/off switch. Each Control Light is equipped with a one foot pig tail with 2 pin SAE connector. All cords manufactured by Larson Electronics (www.larsonelectronics.com) are compatible with the Magnetic Utility Light (MUL) with magnetic base.
- 7 year warranty covers all components except lamp. Lamp is easily field serviceable and can be changed within 3 minutes.
- ML measure 7.5 inches tall and weigh 1 pound. The lamp housing is 6 inches wide and 3.75 inches deep.
- MAGNETIC LIGHTS (ML) ARE MADE IN THE USA.

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Frequently Asked Questions (FAQ)

There are no Faqs

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

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Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/187.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/187.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/187.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/187.JPG)
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- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/187.JPG)
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