

**100W Sealed Beam HIR Spotlight - Adjustable Locking Magnetic Base- 12 Million Candlepower-  
750' Beam  
HML-4-ALM**



**Made in the USA**

**The HML-4-ALM from Larson Electronics is a 12 million candlepower sealed beam spotlight that enables the operator to control position of the light beam and place the light securely at any angle on a metallic surface. The adjustable locking magnetic base that this spotlight is attached to features 360 degrees of rotation and 180 degrees of tilt. The magnetic base is 5" in diameter and has 200 pounds of magnetic grip. These magnetic lights are used as military spotlights, searchlights, utility spotlights, roof mount spotlights, hunting lights, work lights, and linesman lights.**

The HML-4-ALM is a 100 watt sealed beam spotlight that projects 2750 LUX at 25 feet and reaches distances of 750 feet. This sealed beam unit features a halogen infrared reflective (HIR) bulb. This type of halogen bulb achieves a greater light output while drawing the same wattage as traditional halogen bulbs. This greater light output is due to a special coating used on the bulb and capsule that allows visible light to pass through while reflecting infrared (IR) heat back onto the filament of the bulb. The specially designed halogen capsule of HIR lamps features a multi-layered thin film coating that allows visible light to pass through while reflecting infrared energy back to the filament. The reflected energy helps keep the filament within this spotlight at its optimum. The life of the lamp is rated at 450 hours and is the brightest halogen light of the ML series.

**\*Please note that this sealed beam spotlight does not produce light in the infrared (IR) spectrum.\***

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This magnetic sealed beam spotlight enables the operator to control the rotation and elevation of the light beam. As an ideal searchlight configuration, the operator positions the beam by changing the angle of the lamp. These lights 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. Interlocking aluminum and stainless steel u-brackets secure the elevation of the light beam once positioned. The lamp head is 6 inches in diameter and 3.5 inches

deep. The housing of this unit is UV and salt water resistant. An on/off toggle switch is located on the back of the lamp housing.

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16ft Coil Cord w/Cigarette Plug  
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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.

**Mounting:** This light features an adjustable locking magnetic base that features 360 degrees of rotation and 180 degrees of tilt. The spring loaded pem bolt enables the user to easily change and lock the angle of rotation or tilt into one of the index holes. No amount of vibration will change the setting until the operator pulls back the spring loaded pin and selects a new position and locks that position in by releasing the spring loaded pin into one of the index holes. A 5" diameter, 200lb grip magnetic base enables the base to secure a light on vehicles and equipment under severe vibratory 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](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.

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**Options:**

**HML-4-ALM-Cord**

**Example: HML-4-ALM-16CP.CC**

Cord	
16' CIG COIL	-16CP.CC
16' CIG	-16CP
21' RING TERMS	-21RT
16' BATT CLAMPS	-16BC
16' FLYING LEADS	-16.PIGTAIL

Links (Click on the below items to view):

- [Addpic1large](#)
- [Addpic2large](#)
- [Addpic3large](#)
- [Addpic4large](#)
- [Hi-Res Image 1 - 12 Volt Spotlight with Adjustable Locking Magnetic Base](#)
- [Hi-Res Image 2 - 12 Volt Spotlight with Adjustable Locking Magnetic Base](#)
- [Hi-Res Image 3 - 12 Volt Spotlight with Adjustable Locking Magnetic Base](#)
- [Hi-Res Image 4 - 12 Volt Spotlight with Adjustable Locking Magnetic Base](#)
- [Hi-Res Image 5 - 12 Volt Spotlight with Adjustable Locking Magnetic Base](#)
- [Hi-Res Image 6 - 12 Volt Spotlight with Adjustable Locking Magnetic Base](#)
- [Hi-Res Image 7 - 12 Volt Spotlight with Adjustable Locking Magnetic Base](#)
- [Hi-Res Image 8 - 12 Volt Spotlight with Adjustable Locking Magnetic Base](#)
- [Hi-Res Image 9 - 12 Volt Spotlight with Adjustable Locking Magnetic Base](#)
- [Hi-Res Image 10 - 12 Volt Spotlight with Adjustable Locking Magnetic Base](#)
- [large](#)
- [Manual](#)
- [medium](#)
- [SpecSheet](#)