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HML-10-LED-FL

Hand Magnetic LED Flood Light - Adjustable Tilting Base - 18 Watts - 1,800 Lumens

Product ID: 149983

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-10-LED-FL Handheld LED Flood Light

LEDs: PAR36 Solid State LED
Dimensions: 4.5" Lens, 3.25" Base
Watts: 18
Voltage: 12V DC
Weight: 2.65 Lbs
Lighting Configuration: Flood
Mounting: 100 lbs Grip Magnetic Mount Impact Resistant Plastic Handle
Cord Options: 16` Coil, 21` w/ Ring Terminals, 16` w/ Battery Clamps, 16` Straight or 16` w/ Flying Leads
Amps: 0.83 (on 12 volts)
Lumens: 1,800
LED Light Color: 6000K
LED Life Expectancy: 50,000 hours
Optics Efficiency: 90%
Materials: Rubber Coated Aluminum Housing, Polycarbonate Lens
Housing Colors: Black

HML-10-LED Features

Portable, Handheld
1,800 Lumens
100 Lbs Grip Magnetic Base
Multiple Cord Options
Weatherproof
Low 0.83 Amp Draw @ 12 VDC

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

CE Certified

3 year warranty replacement on this LED light. After 30 days, the customer ships the failed LED light and/or LED bulb to Larson Electronics at their expense. If the failure is a manufacturer defect, we will ship a new replacement to the customer. If failure occurs within 30 days of receipt, Larson Electronics will provide a return label via email to the

customer. When the failed light is returned, Larson Electronics will ship a new replacement.

Buy American Compliant

The Larson Electronics HML-10-LED-FL Handheld flood light offers high light output and a compact profile combined with a durable handle and a 100 lbs grip magnetic base. This LED flood light is weatherproof and produces 1,800 lumens while drawing only 10 watts of power @ 0.83 amps from a 12 volt electrical system. This light runs on 12V DC and provides a highly durable and compact lighting solution that is ideal for military, law enforcement, commercial, security and hunting applications.

The HML-10-LED-FL handheld flood light from Larson Electronics produces a wide flood beam of bright light. Using our latest 18 watt PAR36 solid state LED bulbs, the HML-10-LED-FL draws only 0.83 amps on 12 volts DC. The HML-10-LED-FL is constructed of rubber coated weatherproof aluminum housing, able to withstand the effects of wet environments, conditions and applications. This particular unit is equipped with a 3.25 inch diameter, 100lb grip magnetic base. The operator can use the reverse pistol grip handle to position the beam. The tension style hinge brackets will then keep the light in the desired position until the operator moves it again.

The HML-10-LED-FL is an LED equipped version of our HML-5M-CP found in the Escalation of Force Kit used by US Armed Forces. These high powered flood lights are used to illuminate the area in front of a vehicle, or around the vehicle. The 100 pound grip magnet base holds the light in place on protective barriers and gun turrets on the military HUMVEE, even under the most aggressive road and off-road conditions.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.



16ft Coil Cord w/Cigarette Plug



21ft Cord with Ring Terminals



16ft Cord w/Battery Clamps



16ft Cord with Cigarette Plug

Click Images to Enlarge

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 flood light. 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.

Neither the lens, nor the fixture produces temperatures above 75 degrees F. The heavy gauge steel handle bracket supports the hinged lamp head and solid polypropylene handle. Easily field serviceable.

Heat Management: Heat is the single largest factor in premature LED failure and color shifting. As a result, many manufacturers reduce the output of their LEDs to reduce the amount of heat produced. These LED light bars utilize an extruded aluminum housing that incorporates an advanced heat radiating fin design which dissipates heat efficiently to produce the maximum amount of power and longevity from the integrated Cree LEDs. The end result is more light and longer LED life with higher average lumen maintenance after 50,000 hours.

Mounting: This light is mounted to 3.25 inch diameter magentic base with 100lbs of grip and an impact resistant plastic handle for simple placement on any ferrous metallic surface and easy operation. The stainless steel hinge assembly on this unit allows the light angle to be adjusted for optimal light control. The adjusting hinges on this light are tensioned, allowing the user to simply position the light as desired without any need for locking the unit into place. Once positioned, the light will hold its position until the user again repositions it.

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.

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Frequently Asked Questions (FAQ)


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MISTER

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HML-10-LED-FL

Product ID: 149983

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:

HML-10-LED-FL-Cord

Example: HML-10-LED-FL-16CP.CC

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

Links (Click on the below items to view):

- Operations Manual
- SpecSheetSpanish
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map