

HML-16LED-CP

Handheld LED Light -2880 Lumens - 200lb grip magnetic base - 16" cord with cigarette plug

Product ID: 1774

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.

Buy American Compliant

The HML-16LED-CP handheld LED Light with 5 inch diameter, 100 pounds of grip magnetic base, vibration-resistance, detachable 16 foot cord and cigarette plug with on/off rocker switch. Contains 16 3-watt high-powered LEDs, producing a total of 2880 Lumens of output.

The HML-16LED-CP with its 2880 lumens of output, is a great floodlight to use indoors, or act as a supplementary floodlight on vehicles. With its magnetic base and efficient heat dissipation, the handheld LED light is ideal for indoor and outdoor applications, the handheld LED light can be attached to trucks, heavy equipment such as mining and extreme weather equipment, or used in petrochemical field areas. The durability of the HML-16LED-CP handheld LED light has also made them ideal for gate security, building security and outdoor lighting around houses and buildings. Each weatherproof, low profile LED light produces high power light output. This LED light produces 2880 lumens, while only drawing 4 amps on 12 volts (2 amps on 24 volts) and lasting 292,000 hours.

Each light bar is manufactured with an extruded aluminum housing and stainless steel mounting hardware for strength and durability. The led light head measurements are width: 6" by height: 5" depth 3.5". The handheld HML-16LED-CP has an adjustable head for aiming vertically and horizontally. The operator can attach the light to a metal surface with the magnet and use the reverse pistol grip handle to position the angle of the light beam. The tension style hinge base will hold the position that the operator sets until the it is

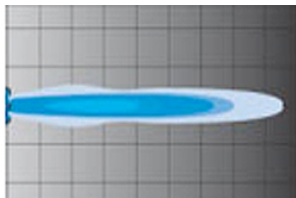
repositioned. Rubber shock isolators insulate the LED light head making the handheld HML-16LED-CP resistant to vibrations.

The LED emitter light is powered via a heavy duty, 16 foot coil cord with a cigarette plug that is detachable via a 2 pin weatherproof, molded connector. We also offer a 16 foot straight cord with a cigarette plug, a 21 foot straight cord with battery clamps or a 21 foot straight cord with ring terminals. The cord ends with a cigarette plug that includes a rocker switch that controls the on/off power to the light head. Choose your cord type below.

**HML-16LED-CP 40° Flood Beam
(Opt)**



**HML-16LED-CP 10° Spot Beam
(Std)**



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.

Durability: The HML-16LED-CP handheld LED light from Larson Electronics offers IP68 rated construction that is designed to withstand the rigors of demanding of environmental and operating conditions. These units can operate in temperatures of -40 degrees Celsius to 80 degrees Celsius, are waterproof to 3 meters and resist ingress of dust, dirt and humidity. The housings are formed from extruded aluminum and the lenses are unbreakable polycarbonate. The Edixeon® LEDs offer inherent LED resistance to shocks and vibrations contributing to these units 15.6Grms rating of vibration tolerance.

Voltage Control: These units are able to monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels across a specific range. These light bars can operate on current ranging from 9 to 48VDC without any modifications necessary as a result. This multi-voltage capability makes these units ideal for mobile and stand alone applications such as those found on commercial boats, heavy equipment and vehicles where power systems don't always operate with 12 volts and external generators, transformers or inverters are impractical.

Mounting: This light is mounted to 3.25 inch diameter magnetic 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. Included with this light is a 16 foot coil cord ending in a cigarette plug adapter, allowing this light to be operated from any cigarette plug outlet.

click on image to enlarge

A road lit by car headlights

A road lit by headlight and the HML-16LED-CP

Made in USA Quality

1. Each unit dielectrically tested.
2. Fixture arrives assembled to reduce installation time and cost. Adjustable magnetic mounting brackets enable the operator to position light as desired.
3. Fixture constructed from machined corrosion resistant aluminum alloy.
4. No ballast to replace.
5. No warm-up times.
6. Instant on LED lighting
7. High purity optics to produce a tight spot beam or a wide flood beam.
8. Impact and shatter resistant polycarbonate lens.

Superior LED Benefits

1. 50,000+ hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.
8. Qualifies buildings for LEED and other sustainable business certifications.
9. Bright, even light maintains consistent color over time.
10. Instant on/off – No flickering, delays or buzzing.
11. Very good color rendering.
12. Vibration/impact resistant.
13. Significantly cooler operation.
14. Less frequent outages, higher output improves workplace safety.
15. low amp draw.
16. Small form factor.
17. Large number of useful applications.

Specifications / Additional Information

HML-16LED-CP

LEDs: 7-Cree 3 Watt LED Emitters

Dimensions: 5"-W 6"-H 3.5"-D

Head Dimensions: 6"-W 6.5"-H 2.75"-D

Watts: 48

Voltage: 12-36 VDC

Weight: 3.5 Lbs

Lighting Configuration: 10° Spot or 40° Flood

Mounting: 100 lbs Grip Magnetic Mount Impact Resistant Plastic Handle

Wiring: 16 Ft Coil Cord-Cigarette Plug

Amps: 4 (on 12 volts) 2 (on 24 volts)

Lumens: 2880

HML-16LED-CP Features

Cree 3 Watt LED Emitters

LEDs Driven At 80%

-40 C~ +80C Operating Temp Range

RoHS Compliant

70% Lumen Retention @65,000 hours

Portable, Handheld

IP68 Rated Waterproof to 3 meters

Special Orders- Requirements

LED Light Color: 7000K

Contact us for special requirements

LED Life Expectancy: 292,000 hours

Toll Free: 1-800-369-6671

Optics Efficiency: 90%

Intl: 1-903-270-1187

Materials: Aluminum Housing, Polycarbonate Lens

E-mail: sales@larsonelectronics.com

Housing Colors: Black or White

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.

Scroll Down to Purchase-



Frequently Asked Questions (FAQ)



HML-16LED-CP

Product ID: 1774

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

HML-16LED-CP-Voltage-Beam Pattern

Example: HML-16LED-CP-12V-SP

Voltage	
12 VOLTS	-12V
24 VOLTS	-24V
36 VOLTS	-36V

Beam Pattern	
SPOT	-SP
FLOOD	-FL

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)