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

HL-85-CPR-MS-6C

10 Million Candlepower LED Spotlight - 36 Watts, Pistol Grip - 1600' Beam, 3200 lms - Momentary Switch - 6' Cord

Product ID: 279432

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



Image: HL-85-CPR-MS-6C

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.

HL-85-CPR-MS-6C Handheld Spotlight w/ Momentary Switch

Lamp Technology: Cree LED
Dimensions: 7.95"-L x 2.75"-W x 8.37"-D
Weight: 1.5 lbs
Voltage: 12/24V DC
Total Watts: 36W
Total Lumens: 3,200 lms
Candlepower: 10 Million
Luminous Efficacy: 88.89 Lm/W
LED Lamp Life Expectancy: 50,000+
Color Temp: -
Color Rendering Index: -
Beam Type: Spot
Lighting Configuration: -
Power Efficiency: -
Power Factor: -
Amps: -
Ambient Operating Temp Range: -
Housing Material: ABS Polymer & Aluminum Alloy
Housing Color: Black
Lens Material: Polycarbonate

Quick Summary

IP67 Waterproof
Dustproof
Shockproof
Impact/Vibration Resistant Construction
Lightweight
Portable
Momentary On/Off Switch
Hold Switch Down to Turn On, Release to Turn Off

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187

Mounting: Handheld
Cord Options: 6' Coil Cord w/ Cig Plug, 6' Straight Cord w/ Cig Plug, 6' Cord w/ Ring Terminals, 6' Cord w/ Battery Clamps or 6' Straight Cord w/ Flying Leads

Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

The HL-85-CPR-MS-6C 10 Million Candlepower LED Spotlight from Larson Electronics is lightweight, ultra rugged, and features a comfortable ergonomic design. This 36-watt unit uses seven high output Cree LEDs and an advanced reflector/lens configuration to generate 3,200 lumens with a beam reach of over 1,600 feet. Designed to operate on 12-24V DC, the IP67 rated waterproof spotlight is ideal for hunting, camping, marine and boating as well as for first responders and emergency services. The HL-85-CPR-MS-6C features a momentary switch that keeps the light on as long as the button is held down and turns the light off when the switch is released.

Light Features: The HL-85-CPR-MS-6C super bright handheld spotlight delivers an impressive 3,200 lumens while drawing only 36 watts of energy. With a combination of seven high output Cree LEDs and a 5" reflector, this spotlight cuts through darkness with a beam length of over 1,600 feet. The Cree LED units in this light have been chosen for their high lumen per watt ratio and extreme longevity.

These Cree LEDs have a 70% lumen retention at 50,000 hours, giving them better efficiency and operational life than traditional light sources. The unique shape and shallow contour of the 120mm reflector is paired with a convex lens and inset lens position to efficiently capture and project a focused beam of light while reducing light spillage and waste. This efficient design also reduces casting, a phenomenon that occurs when wasted light "spills" around the light source. Often times, when surrounded by water, snow or other reflective surfaces, this light spillage prevents the human eye from adjusting properly and seeing objects at a distance. With the HL-85-CPR-MS-6C spotlight configuration, 90% of the emitted light is captured and focused, clearly and sharply illuminating objects all the way to the end of the beam.

This IP67 rated waterproof spotlight features an ultra-durable ABS shockproof polymer body, an aluminum alloy light head housing, and an impact resistant polycarbonate lens. While the HL-85-CPR-MS-6C is built to withstand rugged use and harsh outdoor conditions, comfort and ease of operation haven't been sacrificed. This unit is ergonomically designed for balanced and comfortable handling. The 4.5"L x 1.5"D and 5/8 inch thick nylon handle has a no-slip textured surface that ensures a firm grip even in wet conditions. The booted push button is conveniently located to allow operators easy forefinger access to the switch for quick on/off action.

On/Off Switch Operation: The HL-85-CPR-MS-6C LED handheld spotlight features a momentary on/off switch. This means that the spotlight will stay on as long as the switch is held down by the operator and will turn off as soon as the switch is released.



Click Photo to Enlarge

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.

Cree Specific: This lamp uses Cree LED units that have been chosen for their high lumen per watt ratio and extreme longevity. These Cree LEDs generate powerful illumination and have a 70% lumen retention at 50,000 hours, giving them better efficiency and operational life than traditional light sources.



6ft Coil Cord w/Cigarette Plug



6ft Cord with Ring Terminals



6ft Cord w/Battery Clamps



6ft Cord with Cigarette Plug

Click Images to Enlarge

Wiring/Plug: Options for cords include: 6-foot coil cord with cigarette plug (-6CP.CC), 6-foot straight cord with cigarette plug (-6CP), 6-foot cord with ring terminals (-6RT), 6-foot cord with spring battery clamps/alligator clips (-6BC) or 6-foot straight cord with flying leads (-6.PIGTAIL). The cord is detached via a weatherproof, 2-pin Deutsch connector, which easily and securely attaches and detaches the cord from the spotlight. This light can be ordered in either 12 volt or 24 volt configuration, allowing it to be used with any compatible vehicle or ATV.

Applications: Hunting, marine & boating, camping, emergency services, first responders and more.

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.

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

Frequently Asked Questions (FAQ)

There are no Faqs

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



Image: HL-85-CPR-MS-6C

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



Image: HL-85-CPR-MS-6C

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



Image: HL-85-CPR-MS-6C

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



Image: HL-85-CPR-MS-6C

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

HL-85-CPR-MS-6C

Product ID: 279432

Export Control Classification Number (ECCN): EAR99

Options:

HL-85-CPR-MS-6C-Cord
Example: HL-85-CPR-MS-6C-6CP.CC

Cord	
6 CIG COIL	-6CP.CC
6 CIG STRAIGHT	-6CP
6 RING TERMS	-6RT
6 BATT CLAMPS	-6BC
6 FLYING LEADS	-6.PIGTAIL

Links (Click on the below items to view):

- **Catalog Page - Product Series**(https://www.larsonelectronics.com/images/product/CatalogPage/279432.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/279432.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/279432.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/279432.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/279432.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/279432.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/279432.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/279432.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/279432.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)