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HL-85-LED-CPR-5.15P

10 Million Candlepower LED Spotlight - 36W - Pistol Grip - 1600' Beam - 3200 Lumens - 5-15P

Product ID: 154768

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.

HL-85-LED-CPR-5.15P Handheld Spotlight
Lamp Type: Cree LED
Dimensions: 7.95"L x 2.75"W x 8.37"D
Weight: 1.5 lb
Voltage: 12/24 VDC
Total Watts: 36 W
Total Lumens: 3,200
Candlepower: 10 Million
Luminous Efficacy: 88.89 Lm/W
LED Lamp Life Expectancy: 50,000+
Wiring: 16` Coil Cord w/ 5-15P Cord Cap
Beam Type: Spot
Housing Material: ABS Polymer & Aluminum Alloy
Housing Color: Black
Lens Material: Polycarbonate
Mounting: Handheld

Quick Summary
IP67 Waterproof
Dustproof
Shockproof
Impact/Vibration Resistant Construction
Lightweight
Portable
Continual On/Off Switch
Push Once to Power On, Push Again to Power Off

Special Orders - Special Requirements
Contact us for special requirements
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The HL-85-LED-CPR-5.15P super bright handheld 10 million candlepower spotlight from Larson Electronics is lightweight, ultra rugged, and features a comfortable ergonomic design. This unit uses seven high output Cree LEDs and an advanced reflector and lens configuration to generate 3,200 lumens with a beam reach of over 1,600 feet while drawing only 36 watts of power. Equipped with a 5-15P cord cap that operates on 12-24 VDC, this IP67 rated waterproof spotlight is ideal for

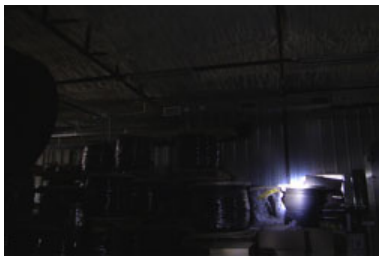
hunting, camping, marine and boating use as well as for first responders and emergency services. The HL-85-LED-CPR-5.15P features a continual on/off switch that requires one press to stay on and another press to turn off.

Light Features: The HL-85-LED-CPR-5.15P super bright handheld spotlight delivers an impressive 3,200 lumens while drawing only 36 watts of energy. With a combination seven high output Cree LEDs and a 5" reflector, this spotlight cuts through the 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 generate 56 lumens per watt effective lumen output and 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 the light spillage and waste that is common with many spotlights. 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 distance. With the HL-85-LED-CPR-5.15P 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 reach.

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-LED-CPR-5.15P 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 placed to allow operators easy forefinger access to the switch for quick on/off action.

On/Off Switch Operation: The HL-85-LED-CPR-5.15P LED handheld spotlight features a continual on/off switch. This means that the spotlight will stay on after a single button press and remain on until the power button is pressed again. Operators simply press the button once and will have a continual source of high-intensity LED light for their illumination needs until the on/off switch is pressed again to turn the light off. There is no need to keep pressure on the on/off switch at all times when light is desired unlike other spotlight models on the market that feature a trigger type switch. This operation of the on/off switch makes the HL-85-LED-CPR-5.15P an easy to use and convenient source of portable LED light.



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 a robust 55.5 lumens per watt effective lumen output and have a 70% lumen retention at 50,000 hours, giving them better efficiency and operational life than traditional light sources.

Wiring/Plug: The HL-85-LED-CPR-5.15P LED spotlight is equipped with a detachable 16 foot coil cord that is terminated in a 5-15P cord cap.

PLEASE NOTE: The cord cap on this spotlight must be connected to low voltage. The cord cap CANNOT be connected to 120 V wall plugs. LOW VOLTAGE USE ONLY

Applications: Hunting, Marine & Boating, Camping, Emergency Services, First Responders

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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Product ID: 154768

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Catalog Page - Product Series**
- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**