

36W Dimmable LED Spotlight w/ Inline Transformer - Pistol Grip - 1600' Beam - 10 Million CP

Part #: HL-85-LED-CPR-PWM6-1227



The HL-85-LED-CPR-PWM6-1227 from Larson Electronics is a super bright handheld 10 million candlepower dimmable spotlight with inline transformer that 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. This light operates on 120-277V AC voltages and includes a 25 foot cord between the light and transformer and another 1` of cord between the transformer and the general area cord cap for connection to general wall outlets. The HL-85-LED-CPR-PWM6-1227 features a continual on/off switch that requires one press to stay on and another press to turn off as well as a rotating dimmer switch to allow operators to easily adjust the brightness of the spotlight to accommodate an array of different tasks.

Light Features: The HL-85-LED-CPR-PWM6-1227 super bright hand held 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-PWM6-1227 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-PWM6-1227 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. Operators can quickly and easily adjust the brightness of the handheld spotlight via a rotating switch. This ability to adjust the brightness of the light produced by this spotlight greatly increases the versatility of this unit.

On/Off Switch Operation: The HL-85-LED-CPR-PWM6-1227 LED hand held 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-PWM6-1227 an easy to use and convenient source of portable LED light.

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5-15 Straight Blade Plug
15 Amp / 125V Rated



L5-15 Twist Lock Plug
15 Amp / 125V Rated



L6-15 Twist Lock Plug
15 Amp / 250V Rated



UK BS1363 Straight Blade Plug
13 Amp / 250V Rated / Internal Fuse



Intl Schuko 2-Pin Plug
16 Amp / 250V Rated / Grounded



Flying Leads / Pigtail Wires

Wiring/Plug: This handheld LED spotlight is equipped with 25 feet of 16/3 chemical and abrasion resistant SOOW cord between the spotlight and the transformer and an additional 1 foot of cord from the other end of the transformer that is fitted with an industrial grade cord cap for easy connection to common wall outlets. Plug options include standard 5-15 15 amp straight blade plug for 110V wall outlets with ground, standard 6-15 15 amp straight blade plug for 220-240V wall outlets with ground, NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets, NEMA L6-15 15 amp twist lock plug for 240V twist lock outlets, British BS1363 13 amp fused 3-blade plug for United Kingdom outlets, or a two pin 16 amp rated Schuko plug with ground contact and socket for European outlets up to 250V. Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug.

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.

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.

High Quality Features

Superior LED Benefits

1. Low power consumption.
2. Instant on/off operation.
3. ABS shockproof polymer body.
4. Aluminum alloy light head housing.
5. Retains 70% lumen output after 50,000 operating hours.
6. Ergonomic nylon handle.
7. Built for Toughness and Durability
8. Low profile - Lightweight
9. 3,200 Lumen output from only 36 watts.
10. Rotating switch to adjust brightness of spotlight.

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 LED 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.

Specifications / Additional Information

HL-85-LED-CPR-PWM6-1227 Handheld Dimmable LED Spotlight

Lamp Type: Cree LED

Dimensions: 7.95"L x 2.75"W x 8.37"D

Weight: 1.5 lbs

Voltage: 120-277V AC

Total Watts: 36W

Total Lumens: 3,200

Candlepower: 10 Million

Luminous Efficacy: 88.89 Lm/W

LED Lamp Life Expectancy: 50,000+

Wiring: 25` Cord Between Light & Transformer, 1` Between Transformer & Cord Cap

Cord Options: 5-15 Straight, 6-15 Straight, L5-15 Twist, L6-15 Twist, UK BS1363, Intl. Schuko, Pigtail

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

Rotating Switch for Brightness Control

Special Orders- Requirements

Contact us for special requirements

Toll Free:1-800-369-6671

Intl:1-903-498-3363

E-mail: sales@larsonelectronics.com

1 year warranty replacement on this LED light (or LED bulbs for light fixtures with removable LED bulbs). 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. Please click here to see our 1 Year Warranty pamphlet.

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Part #: HL-85-LED-CPR-PWM6-1227 (147662)

Warranty: 12 Months

Options:

HL-85-LED-CPR-PWM6-1227- **CORD CAP**

Example: HL-85-LED-CPR-PWM6-1227-5.15

CORD CAP	
5-15 Straight	-5.15
6-15 Straight	-6.15
L5-15 Twist	-L5.15
L6-15 Twist	-L6.15
UK BS1363	-BS1363
Intl. Schuko	-Schuko
Pigtail	-Pigtail









Links (Click on the below items to view):

- [SpecSheet Spanish](#)
- [Hi-Res Image 1 - 10 Million Candlepower LED Spotlight \(Main\)](#)
- [Hi-Res Image 2 - 10 Million Candlepower LED Spotlight \(Back\)](#)
- [Hi-Res Image 3 - 10 Million Candlepower LED Spotlight \(Disassembled\)](#)
- [Hi-Res Image 4 - 10 Million Candlepower LED Spotlight \(Cord\)](#)
- [Hi-Res Image 5 - 10 Million Candlepower LED Spotlight \(Dimmer\)](#)
- [Hi-Res Image 6 - 10 Million Candlepower LED Spotlight \(DCP\)](#)