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HL-85-LEDWRE-45W-CPR-1227

12 Million Candlepower LED Spotlight - 45 Watt - Pistol Grip - 120-277VDC - 4000 Lumens

Product ID: 149701

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-LEDWRE-45W-CPR-1227 Handheld Spotlight

Lamp Type: Cree LED
Dimensions: 7.95"L x 8.37"H x 2.75"D - 6.75" Lens
Weight: 3 lbs
Voltage: 120-277V AC
Total Watts: 45W
Total Lumens: 4,000
Candlepower: 12 Million CP
Luminous Efficacy: 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: 30° Spot
Housing Material: Aluminum Alloy & Nylon
Housing Color: Black
Lens Material: Polycarbonate
Mounting: Handheld

Quick Summary

IP65 Waterproof
Dustproof
Shockproof
Impact/Vibration Resistant Construction
Lightweight
Portable
Red and Green Lenses Available

Special Orders - Special Requirements

Contact us for special requirements

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The HL-85-LEDWRE-45W-CPR-1227 12 Million candlepower handheld spotlight from Larson Electronics is lightweight, ruggedly built, and features a 16` coil cord with cigarette plug. This handheld LED spotlight operates on voltages ranging from 120-277V AC. This unit uses a single

premium Cree LED and a 6.75" parabolic reflector to generate an impressive 4,000 lumens while drawing a modest 45 watts of power. This powerful IP65 rated spotlight is ideal for hunting, camping, marine and boating use as well as for first responders and emergency services.
Light Features: The HL-85-LEDWRE-45W-CPR-1227 12 million candlepower handheld spotlight delivers an impressive 4,000 lumens while drawing only 45 watts of energy. In combination with a single high output Cree LED and a 6.75" parabolic reflector, this light cuts through the darkness with an ultra-focused 30° spot beam that clearly and sharply illuminates objects all the way to the end of the beam reach. The Cree LED unit in this light has been chosen for its high lumen per watt ratio and extreme longevity. This Cree LED generates 89 lumens per watt and have a 70% lumen retention at 50,000 hours, giving them better efficiency and operational life than traditional light sources.
This IP65 rated spotlight features an ultra-durable ABS shockproof polymer body, an aluminum alloy light head housing, and an impact resistant 6.75" polycarbonate lens. While the HL-85-LEDWRE-45W-CPR-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 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.
Larson Electronics offers additional options for the HL-85-LEDWRE-45W-CPR-1227 spotlight, including red and green lenses. For more information, contact sales@larsonelectronics.com.



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 a single Cree LED unit that has been chosen for its high lumen per watt ratio and extreme longevity. This Cree LED generates a robust 89 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.

Click Photos to Enlarge



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.**Applications:** Hunting, Marine & Boating, Camping, Emergency Services, First RespondersAt 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

1. Low power consumption.
2. Instant on/off operation.
3. Nylon and aluminum alloy body.
4. Durable polycarbonate lens.
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. 4,000 Lumen output from only 45 watts.

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 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.

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Frequently Asked Questions (FAQ)

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HL-85-LEDWRE-45W-CPR-1227

Product ID: 149701

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

HL-85-LEDWRE-45W-CPR-1227-Cord Cap

Example: HL-85-LEDWRE-45W-CPR-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):

- **Catalog Page - Product Series**
- **SpecSheetSpanish**
- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**