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HL-85-LEDWRE-45W-CPR-12.3-50GCR

45W Handheld LED Spotlight w/ 50' 12/3 SOOW Cord Reel - 12-32V DC

Product ID: 154615

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-12.3-50GCR LED Spotlight w/ Cord Reel
Lamp Type: Cree LED
Dimensions: Light: 7.95"L x 8.37"H x 2.75"D
Weight: 35 lbs
Voltage: 12-32V DC
Watts: 45W
Lumens: 4,000
Luminous Efficacy: 89 Lm/W
LED Light Color: White
LED Life Expectancy: 50,000 hours
Beam Configuration: 30° Spot
Candlepower: 12 Million
Amps: 6.25A @ 24V DC
Wiring: 50` 12/3 SOOW, Junction Box
Plug: L5-15 Twist, Battery Clamps, Ring Terminals, or Junction Box
Cord Reel Material: Steel
Spotlight Housing Material: ABS Polymer & Aluminum Alloy
Housing Color: Black
Lens Material: Polycarbonate
Mounting: Surface Mounting for Cord Reel

Ratings/Approvals
IP67 Waterproof to 1 Meter
Impact/Vibration Resistance
Shatterproof Lens
50` 12/3 SOOW Cord Reel
Low Voltage
Short Circuit/Overload/Over Voltage

Special Orders - Special Requirements
Contact us for special requirements
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The HL-85-LEDWRE-45W-CPR-12.3-50GCR from Larson Electronics is a Handheld LED Spotlight w/ 50` Cord Reel that 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. The cord reel contains 50 feet of 12/3 SOOW cable to provide plenty of reach around the work

area or job site. This low voltage spotlight operates on 12-32V DC and includes a variety of options for wiring.

The HL-85-LEDWRE-45W-CPR-12.3-50GCR offers operators a versatile and powerful handheld lighting solution for a wide variety of different locations including warehouses, garages, shops, farm buildings and storage facilities just to name a few. The spotlight on this unit is rated IP65 waterproof allowing this LED spotlight with cord reel to be used in areas where moisture or water may be present as well as in both indoor and rough outdoor conditions.

Spotlight Features: The spotlight on the HL-85-LEDWRE-45W-CPR-12.3-50GCR is a 12 million candlepower handheld spotlight that 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-12.3-50GCR spotlight 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.

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 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. The Cree LED units in this light have been chosen for their high lumen per watt ratio and extreme longevity. These Cree LEDs generate 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.

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.

Wiring/Plug: This general use handheld LED spotlight with cord reel fixture is equipped with 50 feet of 12/3 chemical and abrasion resistant SOOW cord contained within a retractable cord reel. Line-in terminations include: L5-15P twist lock plug, battery clamps, ring terminals, or junction box wiring. The L5-15P twist lock receptacle that prevents operators from plugging directly into standard wall plugs, protecting the unit from electrical damage. Battery clamps are included for quick connection to batteries and ring terminals offer permanent battery terminal connection. The junction box wiring offers customers to provide their own wiring

methods, which allows easy integration into existing trailer or vehicle wiring. This unit operates on 12-32V DC.

Cord Reel Features: The cord reel on the HL-85-LEDWRE-45W-CPR-12.3-50GCR provides a 50 foot long 12/3 cord for long range and convenient operation. The cord reel is designed for a lift/drag of up to 50FT of 12AWG/3C SOW/SOOW round cable. Reel with cable installed/tested comes with 50FT active travel plus an additional 2FT for safety wrap and hook up. This reel is UL Listed (UL/cUL), and is constructed of durable steel, has a red powder coat finish and includes a ball stop and a ratchet with a lockout feature.

Durability: The HL-85-LEDWRE-45W-CPR-12.3-50GCR from Larson Electronics is built to last and designed with durability and ruggedness in mind. The cord reel is powder coated for corrosion resistance and long-lasting durability while the spotlight is capable of operating in rough and abusive conditions. The HL-85-LEDWRE-45W-CPR-12.3-50GCR is rated IP67 waterproof and is suitable for both indoor and outdoor applications. This handheld LED spotlight will stand up to long term use in very rough conditions while continuing to operate at maximum levels for an extended length of time.

Suggested Applications: The HL-85-LEDWRE-45W-CPR-12.3-50GCR is ideal for work area and job site lighting in locations such as warehouses, storage facilities, garages, farm buildings, workshops and and other indoor or outdoor location that requires a handheld source of high-intensity LED light powered from standard power outlets.

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

1. Low power consumption.
2. Instant on/off operation.
3. Fixture constructed of extruded corrosion resistant copper free aluminum alloy.
4. Superior color rendering compared to HPS, LPS, MH.
5. Retains 70% lumen output after 50,000 operating hours.
6. Powder coated aluminum fixture body.
7. Surface mount cord reel & handheld spotlight.
8. Low profile - Light weight
9. 4,000 Lumen output from 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)


WARNING
ELECTRIC COLLECTOR
ENCLOSURE/SHUT OFF
POWER BEFORE
REMOVING COVER

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Product ID: 154615

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

HL-85-LEDWRE-45W-CPR-12.3-50GCR-Wiring

Example: HL-85-LEDWRE-45W-CPR-12.3-50GCR-L5.15P

Wiring	
L5-15P TWIST	-L5.15P
BATTERY CLAMP	-BC
RING TERMINALS	-RT
JUNCTION BOX	-JB

Links (Click on the below items to view):

- Catalog Page - Product Series
- Operations Manual
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map