Larson Electronics LLC
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Product ID: 147690

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



Image:

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.

HUL-LED25WRE-12.3-50GCR-HD-24I LED Spotlight w/ Cord Reel

Lamp Type: Cree LED
Dimensions: Light: 10.75"H x 4.36"W x 3.75"D Transformer: 8.7"L x 2.5"W x 1.5"D
Weight: 35 lbs
Voltage: 100-277V AC to 24V DC
Watts: 25W
Lumens: 2,000
Luminous Efficacy: 80 Lm/W
LED Light Color: White
LED Life Expectancy: 50,000 hours
Lighting Configuration: 5° Spot Beam
Amps: 6.25A @ 24V DC
Waterproof Rating: IP67
Transformer Operating Temperature: -30°C to +70°C
Transformer Efficiency: 92%
Transformer Protection: Short Circuit/Overload/ Over Voltage
Wiring: 50` 12/3 SOOW
Cord Cap Options: 5-15 Straight, 6-15 Straight, L5-15 Twist, L6-15 Twist, UK BS1363, Intl. Schuko, Pigtail
Cord Reel Material: Steel
Spotlight Housing Material: ABS Polymer & Aluminum Alloy
Housing Color: Black
Lens Material: Polycarbonate
DC Output Connector: 1` Pigtail, 2 Pin Deutsch Connector

Ratings/Approvals

IP67 Waterproof to 1 Meter
Impact/Vibration Resistance
Shatterproof Lens
50` 12/3 SOOW Cord Reel
Encapsulated Transformer Converts 100-277V AC to 24V DC
Inline Twist Lock Disconnect
Kellems Cord Grips

Special Orders - Special Requirements

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

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Mounting: Surface Mounting for Cord Reel & Transformer, Handheld Light **E-mail:** sales@larsonelectronics.com

The HUL-LED25WRE-12.3-50GCR-HD-24I from Larson Electronics is a Handheld LED Spotlight w/ 50` Cord Reel that combines high output Cree LEDs and a 120mm parabolic reflector to deliver a powerful 2,000 lumens with a focused beam reach of over 1,000 feet while drawing only 25 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. An encapsulated transformer takes input current ranging from 100 to 277 VAC and will output 24 Volt DC current at 6.25 amps in order to operate the spotlight.

The HUL-LED25WRE-12.3-50GCR-HD-24I 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 and transformer on this unit both feature an IP67 waterproof rating which allow 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. Operators may quickly and safely remove electrical connection from the unit using an inline twist lock disconnect located between the cord reel and the transformer.

Spotlight Features: The spotlight on the HUL-LED25WRE-12.3-50GCR-HD-24I delivers an impressive 2,000 lumens while drawing only 25 watts of energy. With a combination of high output Cree LEDs and a 120mm parabolic reflector, this spotlight projects a tightly focused cool white beam reaching up to 1,000 feet. This beam clearly and sharply illuminates objects all the way to the end of the beam reach. The Cree LED units in this light have been chosen for their high lumen per watt ratio and extreme longevity. These Cree LEDs generate 80 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.

This IP67 rated spotlight features an ultra-durable ABS polymer body, an aluminum alloy light head housing, and an impact resistant polycarbonate lens. Waterproof, dustproof, and shockproof, the HUL-LED25WRE-CPR is built to work hard and survive demanding outdoor use.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge

While the HUL-LED25WRE-12.3-50GCR-HD-24I 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 HUL-LED25WRE-12.3-50GCR-HD-24I LED spotlight features an articulated light head that can be tilted up and down independently of the handle for more precise beam positioning. The nylon handle has a no-slip textured surface that ensures a firm grip even in wet conditions. The booted push button provides additional protection from dust and water and is conveniently placed to allow operators easy forefinger access to the switch for quick on/off action even while wearing gloves.

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 80 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 80 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.

Transformer: The HUL-LED25WRE-12.3-50GCR-HD-24I features an encapsulated transformer that takes input current ranging from 100-277V AC and converts it into 24V DC to operate the spotlight. The transformer is equipped with kellems cord grips on both sides and is connected to the cord reel via a one foot whip and Deutsch connector. The other side of the transformer is equipped with a second 1` whip that is terminated in a choice of general area cord caps. An inline twist lock disconnect is available between the reel and the transformer for complete removal of electrical connection.

Integrally designed protection includes overload, short circuit and over voltage safeguards to prevent overheating and unit damage in case of faults or overly heavy current draw. This unit will shut down when an over current or over voltage condition is encountered and recovers when manually turned back on.

The encapsulated transformer has a -30°C to +70°C operating temperature range and is UL UL1012 and UL60950-1 compliant as well as compliant with worldwide safety regulations for lighting. This unit has a 92% conversion efficiency and is suitable for use with moving LED signs and similar LED equipment. This transformer is rated IP67 waterproof which makes it suitable for both indoor and outdoor use.

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 general use handheld LED spotlight with cord reel fixture is equipped with 100 feet of 12/3 chemical and abrasion resistant SOOW cord that is connected to the encapsulated transformer via a Deutsch connector. The opposite side of the transformer is equipped with a 1` whip 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.

Cord Reel Features: The cord reel on the HUL-LED25WRE-12.3-50GCR-HD-24I 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 HUL-LED25WRE-12.3-50GCR-HD-24I 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 HUL-LED25WRE-12.3-50GCR-HD-24I is rated IP67 waterproof and is suitable for both indoor and outdoor applications. This handheld LED spotlight with 100` cord reel and encapsulated transformer 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 HUL-LED25WRE-12.3-50GCR-HD-24I 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. Pendant and Swivel Bracket mount included
8. Low profile - Light weight
9. 2,000 Lumen output from 25 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)

There are no Faqs

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Product ID: 147690

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:

-Cord Cap
Example: -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):

- **CE Certificate**(https://www.larsonelectronics.com//images/product/CECert/147690.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com//images/product/Msds/147690.PDF)
- **Operations Manual**(https://www.larsonelectronics.com//images/product/Manual/147690.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com//images/product/RoHSCert/147690.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com//images/product/WiringDiagram/147690.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/147690.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/147690.JPG)
- **HigResPic3**(https://www.larsonelectronics.com//images/product/HigResPic3/147690.JPG)
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- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)