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LE-0130

24 Watt Rechargeable Handheld LED Spotlight - 2700 Lumens - Li-Ion Battery - 3000' Spot Beam

Product ID: 93

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.

LE-0130 LED Searchlight

Lamp Type: LED
Dimensions: 11"-L 3.4"-W 5.75"-H
Weight: 3.66 Lbs
Voltage: 14.4V DC
Amps: 13.3 amps 60 Seconds for Start, 3.3 amps Run
Watts: 24
Lumens: 2500
LUX- Flood: Full Power: 10 / 50% Power: 25
LUX- Spot: Full Power: 1,050 / 50% Power: 525
Luminous Efficacy: 104 Lm/W
Lamp Life: 50,000+ Hours
Color Temp: 5700K
Spot Beam: 3000`
Lighting Configuration: Spot: 11° / Flood: 45°
Operating Temperature: -10°C to +45°C
IP Rating: IP55
Charging unit: 120 VAC, Wall Charger Only
Housing Material: High-Impact Nylon
Lens: Clear

Features

Outperforms Surefire Hellfighter™
Rechargeable Lithium-Ion Battery
3000 Foot Beam
Weatherproof
Included Case - Wide/Flood Lens
IP55 Rating
Full Charge in 3-5 Hours

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Fax: 1-903-498-3364

Mounting: Portable Handheld

E-mail: sales@larsonelectronics.com

The LE-0130 rechargeable 24 watt LED handheld light contains 4 6W LED bulbs and produces 2,500 lumens of intense light output. The LE-0130 produces a 3000 foot beam in the 5700K color range and in side by side tests and outperforms the $4,000+ Surefire Hellfighter in brightness and distance. This high power HID light reaches full power in less than 2 seconds, is waterproof, and will run for 160 minutes at full power on a single charge of its 14.4V, 5,000mAh rechargeable lithium-ion battery.

The LE-0130 is an LED searchlight with four 6W LED bulbs producing 2,500 lumens (approximately 15 million candlepower in a retail setting). A snap on diffuser lens is included in the blow mold style carrying case that enables the operator to convert the light to a soft, wide flood beam that covers an area 200 feet long and 200 feet wide. The LE-0130 LED searchlight is "instant on" and takes less than 2 seconds to come to full power and color and is rated for 50,000 hours of life.



Carrying Case



Spot to Flood Lens



14.4V 5,000mAh Lithium-ion Battery







In comparisons against the Surefire Hellfighter ($4000+), the LE-0130 clearly reaches a longer distance with a brighter beam. The Surefire Hellfighter has some other unique features that make it applicable for crew served weapons which accounts for some of the price difference. The LE-0130 also includes a 160 minute full power run-time 14.4V, 5,000mAh rechargeable lithium ion battery, which the Surefire Hellfighter does not include. We mention simply to illustrate the performance, quality and value aspect of this light against a very high quality tactical solution like the Hellfighter. The LE-0130 is assembled in the United States and carries a 3 year warranty.

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.

This rechargeable LED light is weatherproof and resists the intrusion of water and dust. A booted push button switch on the top and a flat bottom surface makes the LE-0130 a

popular handheld, weatherproof work light for indoor and outdoor use.

The 5000mAH lithium-Ion battery in this unit is charged via an included 120 Volt AC wall charger and charging cord. This unit is charged in approximately 3-5 hours and has a runtime of 160 minutes at full power on a single charge. An integral micro-relay enables the user to power this LED light from 12/24V vehicle or boat cigarette plug socket directly. Once disconnected, the light will automatically switch to the lithium-ion battery. These lithium ion batteries require no special charging procedures and have no charge memory issues. Using the latest lithium ion battery technology allows this unit to be recharged regardless of current charge levels, so there is no need to fully discharge the light before recharging. The battery will hold its charge for 16 months, even when on the shelf.
The LE-0130 LED light is configured to deliver a spot beam in excess of 3000 feet. A snap on diffuser lens is included in the blow mold style carrying case that enables the operator to convert the light to a soft, wide flood beam that covers an area 200 feet long and 200 feet wide. The LE-0130 features four 6W long-lasting LED bulbs and is rated for a service life of 50,000+ hours.
The light comes with a blow mold carrying case, LED light, 5000 mAh battery, AC adapter, shoulder strap and flood lens. The case has room to store a spare battery and accessory vehicle coil cord with cigarette plug. Spare batteries are available and easily changed by unscrewing the round screw on tail cap at the back of the light to accesses the battery which slides out. A second battery can be used while another discharged battery is charging. The light can also be used without a battery, by simply attaching the optional accessory coil cord to the plug in the back of the light. The LE-0130 LED searchlight will run indefinitely from an alternate 12/24V power source, including vehicle, boat and ATV cigarette plug sockets. The light can be attached via accessory cord to any power source ranging from 9-32 volts. THERE IS NO VEHICLE CHARGER FOR THE BATTERY. The battery is charged via the included wall outlet charging unit. For vehicle charging of the battery, a 75 Watt inverter is required.



Click Photo to Enlarge



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Accessories: The most popular accessory is the RL-11-MB which is a swiveling, tilting magnetic base that is removable. This enables the operator to attach the light to any steel surface and position the beam. It is also popular for non-metallic surfaces, because the same beam positioning ability works on non-metallic surfaces as well. Basically, the operator can set the light down and the swiveling and tilting base holds the beam position that the operator establishes for the light. The magnetic base can be unscrewed and removed so that the RL-11 is more portable for traditional handheld use. Other popular accessories include the covert IR lens, snap on red hunting lens, snap on amber lens for fog/smoke, and the accessory coil cord with cigarette plug.
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.

Superior LED Benefits

1. 50,000+ hour lifespan.

2. Instant on/off operation.
3. Fixture constructed of high-impact nylon with aluminum alloy front housing.
4. Superior color rendering compared to HPS, LPS, MH.
5. Retains 70% lumen output after 50,000 operating hours.
6. Durable carrying case included.
7. 14.4V, 5,000mAh rechargeable Li-ion battery pack included
8. Low profile - Light weight
9. 2500 Lumen output from only 24 watts

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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Product ID: 93

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- Dimensional Drawing 2D
- MSDS (Material Safety Data Sheet
- Operations Manual
- SpecSheetSpanish
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map