Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Product ID: 146851

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.

RL-15-LED-CPR-200LB Portable Floodlight

Lamp Type: LED
Dimensions: 3.22" x 3.14" x 3"
Weight: 2 lbs
Voltage: 3.7V
Total Watts: 15W
Total Lumens: 1,100
Luminous Efficacy: 73.3 Lm/W
LED Lamp Life Expectancy: 50,000+
Color Temp: 6000K (cool white)
Beam Angle: 45°
Operating Temperature Range: -40°C to +85°C
Housing Material: Die-cast aluminum
Lens Material: Polycarbonate
Work Time: 4.5 Hours
Battery: 3.7V/3600mA Lithium
Charging: 4.2V/1A AC Charger w/ USB Port
Mounting: 200 lb Magnetic Base

Quick Summary

IP67 Waterproof
Dustproof
Rustproof
Impact/Vibration Resistant
Lightweight
Portable
Carrying Handle
Rechargeable Battery w/ USB Cord

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

Measuring only 3.22" x 3.14" x 3", the RL-15-LED-CPR-100LB from Larson Electronics is an ultra compact portable floodlight that contains five 3 watt high output LEDs that generate 1,100 lumens of cool white light while drawing 15 watts of energy. This

lightweight floodlight includes a carrying handle, a rechargeable 3.7V/3600mA lithium battery, and a strong 100 lb magnetic base for for quick and easy on-the-go mounting. A uniquely designed articulated light head allows for front to back adjustment over a 180° range. This light is impact and vibration resistant, dustproof, rustproof, and rated IP67 waterproof, making it ideal for the rough conditions encountered in hiking, camping, hunting, and outdoor work areas. Whether used for recreation or work (or a little of both), the RL-15-LED-CPR-100LB compact floodlight simply can`t be beat.

Light Features: Don`t let its small size fool you - the RL-15-LED-CPR-100LB magnetic mount portable floodlight is a compact powerhouse built to withstand demanding outdoor conditions and rugged use. This floodlight contains five 3 watt LEDs that generate a total of 1,100 lumens of cool white light while drawing a total of 15 watts of energy. With a 6000K color temperature, this light provides superior color rendering and contrasting properties. Objects are clearly and sharply illuminated throughout the reach of the flood beam. The LED assembly is protected by a rustproof die-cast aluminum housing and an impact and shatter resistant polycarbonate lens. Weather resistant, dustproof and IP67 rated waterproof, the RL-15-LED-CPR-100LB can be used in rough and wet outdoor conditions, including in the rain.



Click Photo to Enlarge | Click Photo to Enlarge | Click Photo to Enlarge

Additionally, the RL-15-LED-CPR-100LB features an articulated light head that can be manually adjusted through a 180° front to back range of motion. The operator simply pushes the light head to the position desired using fingertips. Once adjusted, the light head will stay in place while held/carried by the handle or mounted using the 100 lb magnetic base. An easy to reach sealed power button is located on the base of the unit. To turn the lamp on, the operator presses the button once, and another press turns the unit off.

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.

Click Photo to Enlarge | Click Photo to Enlarge | Click Photo to Enlarge

Power/Wiring/Plug: The RL-15-LED-CPR-100LB portable floodlight contains one rechargeable 3.7V/3600mA lithium battery that is charged via an included USB cable, making it a cinch to charge at any location using a computer, vehicle USB adaptor, or a wall USB charger. It has a 4.5 hour run time on a single charge.

Applications: Camping, Hiking, Marine, Boating and Fishing, Hunting, Work Area Light, Emergency Services

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.

Made in the USA Quality

1. Low power consumption.
2. Instant on/off operation.
3. Machined aluminum body.
4. Superior color rendering compared to Halogen and HID
5. Retains 70% lumen output after 50,000 operating hours.
6. 100 lb grip magnetic base.
7. Built for Toughness and Durability
8. Low profile - Lightweight
9. 1,100 Lumen output from only 15 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: 146851

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

Links (Click on the below items to view):

- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com//images/product/Msds/146851.PDF)
- **Operations Manual**(https://www.larsonelectronics.com//images/product/Manual/146851.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com//images/product/SpecSheetSpanish/146851.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/146851.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/146851.JPG)
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- **HigResPic5**(https://www.larsonelectronics.com//images/product/HigResPic5/146851.JPG)
- **HigResPic6**(https://www.larsonelectronics.com//images/product/HigResPic6/146851.JPG)
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- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)