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RL-15-LED-CPR-100LB

15W LED Light w/ 100lb Magnet Mount - Rechargeable Battery w/ USB Port - 1100 Lumens - Lightweight

Product ID: 146851



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
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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.







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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.









MATERIAL SAFETY DATA SHEET

Model ICR18650S3 Lithium Ion Rechargeable Battery

LG CHEMICAL LTD

1. Chemical Product and Company Identification

Product Identification

LG CHEM ICR18650S3 Lithium-Ion Battery

Manufacturer

LG Chemical Ltd.
Twin Tower
Youido-Dong 120, Youngdeungpo-Ku
Seoul, Korea

Emergency Telephone Number

82-2-3773-7256

2. Composition Information

Hazardous Ingredients	%	CAS Number
Aluminum Foil	2-10	7429-90-5
Metal Oxide (proprietary)	20-50	
Polyvinylidene Fluoride (PVDF)	<5	24937-79-9
Copper Foil	2-10	7440-50-8
Carbon (proprietary)	10-30	7440-44-0
Electrolyte (proprietary)	10-20	
Stainless steel, Nickel and inert materials	Remainder	N/A

* Equivalent Lithium Content: 0.66g, Electric Power Capacity: 7.92Wh

3. Hazards Identification

Emergency Overview

May explode in a fire, which could release hydrogen fluoride gas.
Use extinguishing media suitable for materials burning in fire.

Primary routes of entry

Skin contact	:	NO
Skin absorption	:	NO
Eye contact	:	NO
Inhalation	:	NO
Ingestion	:	NO

Symptoms of exposure

Skin contact
No effect under routine handling and use.

Skin absorption
No effect under routine handling and use.

Eye contact
No effect under routine handling and use.

Inhalation
No effect under routine handling and use.

Reported as carcinogen
Not applicable

4. First Aid Measures

Inhalation
Not a health hazard.

Eye contact
Not a health hazard.

Skin contact
Not a health hazard.

Ingestion
If swallowed, obtain medical attention immediately.

IF EXPOSURE TO INTERNAL MATERIALS WITHIN CELL DUE TO DAMAGED OUTER CASING, THE FOLLOWING ACTIONS ARE RECOMMENDED ;

Inhalation
Leave area immediately and seek medical attention.

Eye contact
Rinse eyes with water for 15 minutes and seek medical attention.

Skin contact
Wash area thoroughly with soap and water and seek medical attention.

Ingestion
Drink milk/water and induce vomiting; seek medical attention.

5. Fire Fighting Measures

General Hazard
Cell is not flammable. Combustion products include, but are not limited to hydrogen fluoride, carbon monoxide and carbon dioxide.

Extinguishing Media
Use extinguishing media suitable for the materials that are burning.

Special Firefighting Instructions
If possible, remove cell(s) from fire fighting area. If heated above 160°C, cell(s) may explode/vent.

Firefighting Equipment
Use NIOSH/MSHA approved full-face self-contained breathing apparatus (SCBA) with full protective gear.

6. Accidental Release Measures

On Land
Place material into suitable containers and call local fire/police department.

In Water
If possible, remove from water and call local fire/police department.

7. Handling and Storage

Handling
No special protective clothing required for handling individual cells.

Storage
Store in a cool, dry place.

8. Exposure Controls / Personal Protection

Engineering controls

Keep away from heat and open flame. Store in a cool dry place.

Personal Protection

Respirator

Not required during normal operations. SCBA required in the event of a fire.

Eye/face protection

Not required beyond safety practices of employer.

Gloves

Not required for handling of cells.

Foot protection

Steel toed shoes recommended for large container handling.

9. Physical and Chemical Properties

State	Solid
Odor	N/A
PH	N/A
Vapor pressure	N/A
Vapor density	N/A
Boiling point	N/A
Solubility in water	Insoluble
Specific gravity	N/A
Density	N/A

10. Stability and Reactivity

Reactivity
None

Incompatibilities
None during normal operation. Avoid exposure to heat, open flame, and corrosives.

Hazardous Decomposition Products
None during normal operating conditions. If cells are opened, hydrogen fluoride and carbon monoxide may be released.

Conditions To Avoid
Avoid exposure to heat and open flame. Do not puncture, crush or incinerate.

11. Toxicological Information

This product does not elicit toxicological properties during routine handling and use.

Sensitization	Teratogenicity	Reproductive toxicity	Acute toxicity
NO	NO	NO	NO

If the cells are opened through misuse or damage, discard immediately. Internal components of cell are irritants and sensitizers.

12. Ecological Information

Some materials within the cell are bioaccumulative. Under normal conditions, these materials are contained and pose no risk to persons or the surrounding environment.

13. Disposal Considerations

California regulated debris

RCRA Waste Code : Nonregulated

Dispose of according to all federal, state, and local regulations.

14. Transport Information

Lithium Ion batteries are considered to be "Rechargeable batteries" and meet the requirements of transportation by the U.S. Department of Transportation(DOT), International Civil Aviation Administration(ICAO), The 50th edition of International Air Transportation Association(IATA, 2009) special provision A45/A154 and belong to non-dangerous goods.

15. Regulatory Information

OSHA hazard communication standard (29 CFR 1910.1200)

_____Hazardous ____✔___Non-hazardous

Frequently Asked Questions (FAQ)