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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

RL-16-LED-M

Rechargeable LED Area Light - Magnetic Mount Base - L-ion Battery - 1000 Lumens

Product ID: 144682

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.

RL-16-LED-M Rechargeable LED Area Light
Lamp Type: LED
Dimensions: 12"H x 6.1"L x 3.5"W
Weight: 3.3 lbs
Lumens: High 1,000; Low 500
Beam Angle:
Lighting Configuration: Flood Beam
Battery: Rechargeable Lithium
Runtime: High 4 Hours; Low 8 Hours
Charge Time: 6 Hours
LED Lamp Life Expectancy: 50,000+ Hours
Housing Material: 6061-T6 Aluminum
Lens Material: Tempered Glass
Mounting: Magnetic Base; Hanging Handle

Added Benefits
Lightweight 6061-T6 aluminum housing
Handle doubles as a hanging hook
Trunnion bracket allows pivot and tilt
Magnetic mount base
Rated IP67 waterproof

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The RL-16-LED-M Rechargeable LED Area Light from Larson Electronics is a slim profile, portable floodlight designed for maximum versatility. With no power cord to get in the way, a carrying handle that doubles as hanging hook and a powerful magnetic mount base, this fixture is ready to go wherever the job takes you. Its streamlined, lightweight design allows for smooth and easy handling without sacrificing light output or durability. A single sealed push button allows the operator to easily switch between high and low settings with the high setting providing 1,000 lumens and the low 500 lumens. This RL-16-LED-M is crafted from

lightweight 6061-T6 aluminum, has a vibration and impact resistant tempered glass lens, and is IP67 rated waterproof. Rugged and durable construction is combined with lightweight and versatile design to make the RL-16-LED-M portable LED floodlight ideal for a range of applications including general task lighting, construction, emergency services, fire and rescue, military, security, garage and bay lighting.

Light Features: Measuring 12”H x 6.1”L x 3.5”W and weighing only 3.3lbs, the RL-16-LED-M is designed for lightweight, easy maneuverability. Its slim profile means that it can fit into even the tightest of spaces. A single sealed push button allows the operator to easily switch between high and low floodlight settings, delivering a bright glare-free 1,000 lumens on high and 500 lumens on low. The RL-16-LED-M is powered by a rechargeable lithium ion battery and has a runtime of 4 hours on high and 8 hours on low.

The ergonomic, no-slip handle can be used for handheld carrying or as an adjustable hook to the hang the lamp in an overhead position. The LED lamp is affixed to a trunnion bracket that permits both front to back tilting and side to side pivoting, allowing the operator to aim the beam precisely where light is needed most. The trunnion bracket is mounted to a powerful magnetic base which can be attached to any ferrous metal surface including walls, ceilings, and machines.

Though designed for ease of operation, maximum user control and versatility, toughness and functionality haven’t been sacrificed. The RL-16-LED-M is built to withstand daily heavy duty wear and tear. The housing is constructed from lightweight 6061-T6 aluminum and is powder coated for added corrosion resistance and durability. The tempered glass lens is impact and vibration resistant. This portable LED floodlight is IP67 rated waterproof and meets the requirements of NFPA-1971-8.6.

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. Solid state LED lighting is also safer for the environment as LEDs are 100% recyclable. And recycling simultaneously reduces operating costs by eliminating the need for the expensive special disposal services required with traditional gas burning and arc type lamps.

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

Mounting: The RL-16-LED-M portable area floodlight features a powerful magnetic base that allows it to be mounted any ferrous metal surface. Additionally, the carrying handle doubles as a hook which allows the fixture to be hung as an overhead light.

Battery/Charging: The rechargeable lithium ion battery powers this light for up to 4 hours on high and 8 hours on low. The RL-LED-16-M is shipped with both an AC and DC charger power supplies. Recharging from a fully depleted state takes 6 hours

Applications: Rugged and durable construction is combined with lightweight and versatile design to make the RL-16-LED-M portable LED floodlight ideal for a range of applications including general task lighting, construction, emergency services, fire and rescue, military, security, garage and bay lighting.

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. Housing constructed from lightweight 6061-T6 aluminum
2. Corrosion resistant, IP67 waterproof, withstands daily wear and tear
3. Magnetic mounting base and hanging handle allow for versatile positioning
4. Brightness and contrast are balanced to reduce eye fatique
5. Slim design allows fixture to be used in tight spaces
6. Rechargeable Lithium L-ion battery
7. Highly efficient heat dissipation.
8. Includes AC & DC power supplies and a USB cord
9. Lighter weight, slimmer, brighter alternative to fluorescent configurations
10. Energy efficient without compromising light output

Superior LED Benefits

1. 60,000 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)









RL-16-LED-M

Product ID: 144682

Warranty: 60 Months
Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**
- **SpecSheetSpanish**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**