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: 105949

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.

LE-2XXX-RCM Rechargeable Golight Spotlight Battery Pack

Type: Golight Spotlight Battery Pack
Battery Type: Lithium Ion / 12 Cells, 2,200ma Per Cell
Case Dimensions: 6" W x 6" D x 6" H
Weight: 4 lbs
Capacity: 8.8 Amp Hours
Battery Voltage: 12V DC
Switch: Booted On/Off
Battery Recharge Time: 2 hours
Charging Unit: 110V AC - 240V AC 50/60hz Wall Charger
Wiring: Flying Leads w/ Butt Splices
Case Material: CNC Machined Aluminum
Housing Color: Black or White
Mounting: 5 inch Diameter, 200 lbs Grip Magnetic Base

Ratings/Features:

Compatible with 2000 Series Golight Radioray Spotlights
Lithium Ion Rechargeable Battery
IP67 Waterproof to One Meter
Two Hour Recharge Time
Convenient Magnetic Mount
CNC Machined Aluminum Base
Made in the USA

Special Orders - Special Requirements

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

Made in Texas

The LE-2XXX-RCM from Larson Electronics is a rechargeable battery pack that is compatible with Golight Radioray 2000 series spotlights. This rechargeable lithium ion battery pack provides 12V DC voltage and 8.8 amp hours of capacity. The LE-2XXX-RCM also features a CNC machined aluminum base with mounting magnet and a fast 2

hour charge time while weighing only four pounds.

Please note that no spotlight is included with this charger

The LE-2XXX-RCM is an ideal accessory for the 2000 series of Golight Radioray spotlights by offering operators a lightweight yet powerful 12V DC rechargeable power source. This portable lithium ion battery pack provides the long life and easy charging of lithium batteries combined with an 8.8 amp hour capacity rating. Operators can determine battery run time by dividing watts of the desired light source by 12 and then dividing the result into 8.8. This will give them the run time for that light on this battery pack.

The LE-2XXX-RCM rechargeable lithium ion battery pack provides 12 volts DC with an 8.8 amp hour capacity and can be recharged from a fully discharged state in only two hours. An included wall charging unit allows users to recharge this unit from any common 110V AC – 240V AC 50/60hz wall outlet and an optional vehicle charger is available. This rechargeable battery pack will power Golight halogen for 90 minutes+, Golight HID for 3 hours+ or Golight LED for 3 hours+ and is an ideal companion accessory for Golights where it is not convenient to access vehicle or equipment power.

An IP67 waterproof rated housing provides protection against water and dampness and a booted on/off switch provides simple power control. Included with this battery pack is a CNC machined aluminum base with a 200 lbs grip 5 inch diameter magnetic mount base, which provides secure mounting of the pack to ferrous metallic surfaces. This magnetic base will hold the unit securely to metal surfaces, allowing users to operate their equipment without the inconvenience of managing a loose battery supply. The LE-2XXX-RCM is offered in either a white or black finish.

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.

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

Frequently Asked Questions (FAQ)

Q. I purchased a military surplus 24V light, can you convert it to 12V?

A. The light can have the internal board converted to 12V. A cheaper and faster solution is to purchase our 12V to 24V transformer (part # DCP-12x24-10A-WP). This will be wired between the power source and light, and allow the 24V light to operate on a 12V vehicle.

Q. Can you repair my light for me?

A. Yes we can. Before sending in your light for repair, you must obtain a Return Authorization Number and include the RGA form in the packaging with your light. Service repair fees may apply.

Q. Are replacement parts available for my existing light?

A. Yes. Replacement parts are available for most models. You can purchase them directly from our website, or contact sales.

Q. What is the amp draw of my light?

A. Halogen lamps draw 5.5 amps at 12V DC. LED lamps draw 3.7 amps at 12V DC.

Q. Can I purchase a longer remote harness for my light with a hard wired remote?

A. Yes. We offer replacement cable and extension cable in 20-foot and 32-foot. An extension cable will plug in between your existing cable and the light. A replacement cable fully replaces your existing cable. Part numbers for these cables by product. Contact sales to purchase extension or replacement cables.

Q. Can I control one light from two remotes?

A. Yes. For wireless remotes, both remotes must be programmed to the same light. See reprogramming instructions on GL-30100 for how to do this. For hard wired lights (excluding GL-5XXX series), a X-splitter cable is needed. Part numbers for X splitter varies by product. Contact sales to purchase an X-splitter cable.

Q. Can I control multiple lights from one remote?

A. Yes. For wireless remotes, both lights must be programmed to the same remote. See reprogramming instructions on GL-30100 for how to do this. For hard wired lights (excluding GL-5XXX series), a Y-splitter cable is needed. Part numbers for Y splitter varies by model. Contact sales to purchase a Y-splitter cable.

Q. How long is the power cord?

A. For permament mount lights with wireless remotes, a 1-foot power cord is provided with tinned leads ready for installation. For portable models, a 15-foot power cord with a universal 12V cigarette plug is provided. We offer alternative cords for portable models that can be purchased separately, including ring terminals and battery clamps. For permament mount lights with hard wired remotes, we offer 20-foot and 32-foot remote cables.

Q. Can I convert my hardwired light to a wireless remote?

A. If the light was originally manufactured as both wireless and hard-wired, you can purchase a replacement remote and program it to your light. If you purchased a military spec 24V light with no transceiver, the light cannot be converted to wireless.

Q. For wireless remotes, what is the operating distance and frequency?

A. The wireless handheld and wireless dash mount remotes operate up to 100' distance away from the light. The remote operates on 433 Mhz.

Q. What remote options are available for the Radioray?

A. We offer wireless handheld, wireless dash mount, and hard wired dash mount remotes for the GL-2XXX, GL-7XXX, and GL-9XXX series. The GL-5XXX series is only offered with a hard wired in-line remote.

Q. I own a halogen Radioray. Can I upgrade to a LED light or do I need to purchase a new light?

A. Yes. Halogen lights can be upgraded to LED by purchasing the GL-15444 LED module. This is compatible with GL-2XXX, GL-5XXX, GL-7XXX, and GL-9XXX models.

Q. What is the difference between Radioray and Radioray GT models?

A. The Radioray GT series was introduced in 2019. The upgraded Radioray GT series features: updated exterior housing, higher torgue drivetrain, more precise pan/tilt control, upgraded stainless steel mounting bracket, enhanced resistance to vibration and impact, and new wiring harness.

Q. Should I order a 12V or 24V light?

A. Most customers need a 12V light. Standard vehicles and ATVs operate on 12V. Military vehicles operate on 24V. 24V does not mean it will be brighter. Operating a 24V light on a 12V power source will make halogen lights half as bright while LED lights will not operate. The motors will rotate very slowly and the light will appear broken.

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



Image:

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



Image:

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: 105949

Export Control Classification Number (ECCN): EAR99

Options:

-Finish
Example: -BLK

Finish	
BLACK	-BLK
WHITE	-WHT

Links (Click on the below items to view):

- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com//images/product/Msds/105949.PDF)
- **Operations Manual**(https://www.larsonelectronics.com//images/product/Manual/105949.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com//images/product/SpecSheetSpanish/105949.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com//images/product/WiringDiagram/105949.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/105949.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/105949.JPG)
- **HigResPic3**(https://www.larsonelectronics.com//images/product/HigResPic3/105949.JPG)
- **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)