

- Nighttime signaling up to **20 miles** (32 KM), under optimum conditions
- Daytime signaling up to 1-3 miles (1.6-4.8 km)
- Locate reflective material up to 1 mile (1.6 km)
- Waterproof to 80 Feet (24 m)
- Operates 40 hours on easily replaceable CR123 battery
- Compact and lightweight, only 3 oz
- Rugged anodized aluminum, corrosion resistant
- Long life laser diode - 10,000 hours meantime to failure
- Limited Lifetime Warranty - details enclosed

Under the exception provided by federal law (HR658), Rescue Lasers are legal to signal an aircraft for help in an emergency

Lasers should never be aimed at an aircraft for any other reason

These instructions are available online in other languages

The Rescue Laser Light™ is covered by U.S. Patents 6,007,219; 6,163,247; 6,280,057; 6,295,007; 6,688,755 and Canadian Patent 2,313,469

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Manufactured in the USA

**Greatland Laser
PO Box 792
Willow, AK 99688
USA**

Rescue Laser Light™

Emergency Distress Signal

Signal up to 20 Miles!

Get Found!

Signal for Rescue
Locate Reflective Material

Perfect for every Outdoor Adventurer

Boaters - Pilots - Military
Hikers - Campers - Hunters
Winter Sports

**40 hour Battery life
Waterproof to 80 feet
Rugged and Portable
Safe and Easy to Use
Environmentally Friendly**



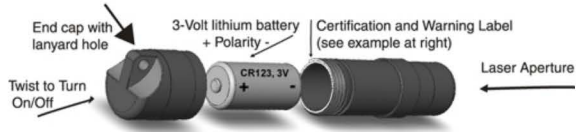
RLL013-01

Rescue Laser Light™

CR123 Battery

Limited Lifetime Warranty

Rescue Laser Light™ Model Number: RLL013-01



Assembly and Operation

1. To assemble, unscrew end cap. Insert 3-volt lithium battery as shown in the diagram above and then screw on end cap.
2. Point the light output end (laser aperture) down for safety and continue tightening end cap until laser light is switched on (visible through front cap). Remove protective plastic cap on front end of unit. Turn sight ring until aligned with vertical laser line. Your Rescue Laser is ready for use.
3. Ensure Rescue Laser is secured so it cannot be lost. Use the hole in the end cap to secure with a tether or lanyard.
4. To turn Rescue Laser off, point the light output end (laser aperture) down for safety and twist then unscrew black end cap until the laser is off, plus one more turn. Replace protective cap to keep lens clean.

Signaling*

Aim Rescue Laser in direction of target (aircraft, boat, vehicle, rescue party) you wish to signal. With the laser line vertical (up and down), point laser aperture toward the target. Make a "V" with your outstretched hand over the intended target. With the laser held near your eye in line of sight, very slowly scan the vertical laser back and forth between your fingers toward the target making each finger red as you scan and line up target through the sight ring. **Important:** Always point the laser output and away from your eyes.



Keep signaling until you have positive contact with your rescuers or target and they are able to see you without the use of a signaling device.

* Signals up to 20 miles away. Testing conducted with the naked eye, on a clear moonless night with no background or environmental lighting. The effectiveness of any signaling device may be compromised by actual environmental conditions.

Detecting

When looking for reflective materials, point the laser aperture toward the object you are scanning and hold the laser near your line of sight to see the return flash from the object.



Safety Summary

CAUTION: use of controls or adjustments, or performance of procedures other than specified herein may result in hazardous radiation exposure

This laser process machine is certified as a Class 3R Laser Product and complies with IEC/EN 60825-1, 2007-03 US DHHS 21 CFR Subchapter J

AVOID DIRECT EYE EXPOSURE TO THE BEAM

This device should only be used to signal at a distance greater than 13 feet (4 meters).

During routine maintenance procedures such as cleaning the exterior, the power should be turned to the off position.

UNDER NO CIRCUMSTANCE shall attempts be made to disassemble or service this product. All service is to be performed by the manufacturer or their authorized agent.

Rescue Laser Light™ Model Number: RLL013-01



Battery Replacement and Maintenance

The only maintenance required is battery replacement and exterior cleaning. There are no user serviceable components inside the device. Attempting to gain access to the laser components will void the warranty. Turn laser off before changing battery or cleaning.

The Rescue Laser Light™ operates on one 3-volt CR123 battery. To replace the battery, turn Laser off, unscrew end cap, then remove battery. Insert fresh battery as shown in diagram, and then screw on end cap. For optimum performance, the battery should be checked annually and replaced at least once every five years.

Lens may be cleaned with a soft dry cloth or camera lens brush. Do not use cleaning fluids. Exterior may be wiped with a damp cloth to remove surface dirt, then dried.

Troubleshooting

1. **Laser Light does not turn on or stay on** — Verify battery has been inserted with the positive end facing outward as shown in diagram. Check contact between the battery and the end cap. Any corrosion formed by a foreign substance should be carefully removed.
2. **Laser Light failure** — Verify proper battery has been installed, as shown in diagram. If necessary, replace battery.
3. If the above steps have been followed and the Laser Light still does not perform properly, follow the steps in the HOW AND WHEN to make a warranty claim section, or contact us at info@greatlandlaser.com or 907-245-4475.

LIMITED LIFETIME WARRANTY:

Greatland Laser, LLC (Greatland) warrants to the original registered owner that this product is free from defects in parts and workmanship for the life of that owner. To qualify for this warranty, you must register online or complete and return to Greatland the printed warranty registration form. Greatland or an authorized Greatland service provider will repair the product or, at its option, replace a defective Rescue Laser Light™ or any component thereof free of charge. This warranty is in lieu of all other warranties and conditions, express or implied.

EXCLUSIONS: This warranty does not cover any of the following: 1. battery exhaustion; 2. battery leakage; 3. lens damage; 4. damage to or failure of the Rescue Laser Light™ or any component thereof due to alteration, misuse, battery leakage or lack of maintenance.

GREATLAND DISCLAIMS ANY RESPONSIBILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES: Under no circumstances is Greatland, its officers, employees, agents, or affiliates, liable for loss, damage, or expenses of any kind arising out of the use or inability to use this product. Some jurisdictions in Canada and the United States do not allow exclusion or limitation of implied warranties, incidental or consequential damages and/or limitations on transferability, so the above limitations and exclusions may not apply to you.

HOW AND WHEN TO MAKE A WARRANTY CLAIM: 1. In case of battery exhaustion, do not return the Rescue Laser Light™ to Greatland but replace the battery. You can purchase replacement batteries from most retail outlets where photo batteries are sold. 2. If the Rescue Laser Light™ has been damaged by leakage of batteries, do not return the Rescue Laser Light™ to Greatland but determine what brand of battery caused the damage and follow the battery manufacturer's instructions about how to make a damage claim. 3. For warranty returns, send the Rescue Laser Light™ (postage or shipping prepaid) to Greatland Laser, P.O. Box 792, Willow, AK 99688, Attention Warranty/Repair Department. For your protection and to expedite handling and/or postal claims, we recommend that all returns be insured and sent Certified and/or Return Receipt Requested.

In Canada and the United States this warranty gives you specific legal rights, and you may have other rights, which vary from state to state and from province to province. Where any term of this warranty is prohibited by the law of any jurisdiction, such term shall there be null and void, but the remainder of this warranty shall remain in full force and effect.

Register online at www.greatlandlaser.com/product-registration

Or mail the following form:

Warranty Registration - Rescue Laser Light™ - Model #RLL013-01

Date Purchased _____ Serial Number _____

Name _____

Address _____

City _____ State _____ Zip _____

Mail: Greatland Laser, PO Box 792 Willow, AK 99688 USA

Email: info@greatlandlaser.com