

# RESCUE LASER LIGHT

HELP IS IN THE DISTANCE



LINE UP TARGET BETWEEN  
YOUR FINGERS



WHILE AIMING, SLOWLY MOVE  
LASER BACK AND FORTH



NOTE:  
LINE SHOWN FOR  
DEMONSTRATION ONLY.  
LINE WILL NOT BE  
VISIBLE DURING ACTUAL  
SIGNALLING.

6000 ft

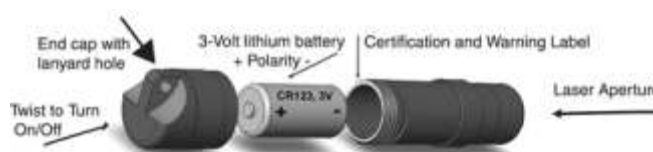


SLOWLY MOVE THE LASER BACK  
AND FORTH ACROSS YOUR TARGET.  
AT 16 MILES YOU HAVE 6000 FT.  
FAN OF LIGHT TO HIT YOUR TARGET.

NOTE: THIS FAN LIGHT WILL NOT BE VISIBLE  
THE TARGET WILL SEE A BRILLIANT FLASH ONLY  
WHEN THE FAN CROSSES THEIR LINE OF VISION.

## GUIDELINES FOR USING RESCUE LASER LIGHT SIGNALING DEVICES

- To assemble, insert CR123 lithium battery with the positive end (+) facing out toward the black end cap, screw on end cap. This is opposite of most flashlights.
- Do not look directly into the laser. Point the light output end (laser aperture) down for safety and continue tightening end cap until the laser light is visible. This will also tell you the orientation of the laser line; it should be vertical.
- Aim laser light 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 line pointing away from you and held near your eye in line of sight, very slowly scan the vertical laser line back and forth between your fingers toward the target (five degrees or slower per second). If you are not wearing gloves make sure that laser is at least 30cm away from skin.
- The person viewing this will see a bright flash of light and it will be distinct enough without the need of using binoculars to pinpoint your position. Unlike traditional pyrotechnics, Rescue Lasers have an extended signaling capability and the rescue craft can follow it to you.
- To turn laser off, point the light output end (laser aperture) down for safety then unscrew black end cap until the laser is off, plus one more full turn. Replace protective rubber colored front cap to keep lens clean.
- This is a directional device and must be aimed at rescuer. To operate this to full potential you must follow the instructions above.



### SAFETY SUMMARY

**CAUTION** - use of controls or adjustments, or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This laser process machine is certified as a Class 3R Laser Product to the requirements of the US Federal Product Performance Standard for Laser Products contained in the regulations in 21 CFR Subchapter J. United Kingdom Military Laser Safety Committee Certificate number: MLSCC/0477/01/01

### AVOID DIRECT EYE EXPOSURE TO THE BEAM.

- Do not point at people who are less than 13 feet (4 meters) away.
- Do not point at binoculars who are less than 150 feet (46 meters) away
- Possibility of skin damage –If not wearing gloves ensure laser is not operated within 30cm of skin.
- During the performance of routine maintenance procedures such as cleaning the exterior or changing batteries 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.



[HTTP://WWW.RESCUE-LASER.CO.UK](http://www.rescue-laser.co.uk)

# RESCUE LASER LIGHT



These up-to-the-minute devices offer a simple and effective way of pinpointing your position to a rescue ship or aircraft searching for you. The laser "torch" emits a fan-shaped beam which is pointed at the target and moved slowly back and forth across it. The rescue crew will see a flashing red light which they will be able to home in on.

Laser flares and lights have a number of advantages over pyrotechnic flares for guiding rescuers to the casualty:

1. Longer in-use life. A typical white pyrotechnic flare, a one-off device, lasts for less than a minute whereas the Rescue Laser Flares® lasts for hours. Whilst this depends on the weather and the amount of ambient light, in clear conditions and no ambient light the laser devices can be seen
2. Location. Laser flares and lights can be used to illuminate reflective materials such as those on oilskins and lifebuoys out to a range of 1 mile.
3. Ease of use. Having a simple twist method of switching on and off, laser flares and lights are easy to use.
4. Safety. Laser flares and lights are battery powered and are not a fire hazard. They are much safer to use than a pyrotechnic flare and they can be carried by air.
5. No Mechanical moving parts.
6. No Hazardous materials to be disposed of after they expire.

## FEATURES

- Night time signalling device visible up to 20 miles away, optimal conditions. Effective in daytime up to 3 miles.
- Locate reflective material up to one mile (1.6 km)
- Waterproof to 80 feet (24 m).
- Runs 40 hours on CR123a Lithium Battery
- Carry in your survival gear or attach to a lifejacket.
- Non Flammable, environmentally safe
- Long life laser diode - 10,000 hours meantime to failure
- 3.75" Long

# SPRmarine

MARINE & SURVIVAL EQUIPMENT SUPPLIERS

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