# NITECORE ®
## The All-Round Flashlight Expert

# LR30 Portable Camping light
## User Manual

## Features

· White/red dual light sources
· Utilises 6 high performance white LEDs and a red LED
· Dual lighting modes: White illumination (3 adjustable brightness) and red illumination (Includes constant, blinking and SOS)
· Powered by a single 18650 or 2 x CR123 or 2 x RCR123 batteries
· Single switch design offers easy one handed operations
· Takes advantages of highly translucent diffuser, allowing all light source to be well distributed
· Built-in power indicator reports remaining battery power (Patent No. ZL201220057767.4)
· Built-in power indicator doubles as positioning medium
· High efficiency constant current circuit
· Electrical reverse polarity protection
· Magnetic base
· Made from durable PC materials
· Waterproof in accordance with IPX6
· Impact resistant to 1.5 metre

## Dimensions
Size：3.62" ×1.72" ×1.24"
Weight: 2.18oz (62gram) (without battery)

## Accessories
Waterproof ring

## Battery Options

| | TYPE | Nominal voltage | Compatible |
|---|---|---|---|
| 18650 Rechargeable Li-ion battery | 18650 | 3.7V | Yes (Recommended) |
| Primary Lithium battery * | CR123 | 3V | Yes |
| Rechargeable Li-ion battery * | RCR123 | 3.7V | Yes |

## Output & Runtime

| FL1 STANDARD | HIGH | MID | LOW | RED |
|---|---|---|---|---|
| (lumens) | 205 LUMENS | 85 LUMENS | 12 LUMENS | 45 LUMENS |
| 18650 | *3h30min | 8h30min | 62h | 8h |
| 2×CR123 | *2h30min | 6h | 46h | 5h30min |
| (beam diameter) | 20m (Beam Diameter) | | | |
| (impact resistant) | 1.5m (Impact Resistant) | | | |
| (waterproof) | IPX6 (Rated) | | | |

**NOTICE:**
The stated data has been measured in accordance with the international flashlight testing standards ANSI/NEMA FL1, using 1 x Nitecore 18650 battery (3.7V, 3400mAh) or 2 x CR123 batteries (3V, 1700mAh) under laboratory conditions. The data may vary in real-world use due to different battery use or environmental conditions.
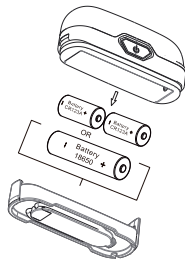*The runtime for "High" measured in the chart includes the runtime for when brightness is adjusted from "High" to prevent overheating.

## Operating Instructions
### Battery installation
Insert one 18650 or two CR123/RCR123 batteries with polarities pointing toward the right direction, as marked inside the battery compartment.
**Note:** Upon battery installation, the built-in power indicator will blink to report battery power, for more information, please refer to the "Power Tips" section.

## ON/OFF
Hold down the power button to switch the light on, hold down the button again to switch it off.

## Brightness Adjustment
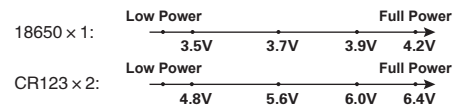With the light turned on, tap the power button repeatedly to cycle through Low-Mid-High.
**Note:** The LR30 will automatically lower its output from "High" after 10 minutes to prevent overheating and extend battery life.

## Red Lighting (Red Illumination/Red Flashing/SOS)
With the light turned off, press the power button twice to turn the red LED on, press the power button to cycle through Red Flashing-SOS-Red Illumination.

## Power Tips
Upon battery installation, the built-in power indicator will blink to report battery voltage (accurate to 0.1V). For instance, when battery voltage is measured at 4.2V, the power indicator will blink 4 times followed by a short pause, then another 2 blinks.

| 18650 × 1: | Low Power | | | Full Power |
|---|---|---|---|---|
| | 3.5V | 3.7V | 3.9V | 4.2V |

| CR123 × 2: | Low Power | | | Full Power |
|---|---|---|---|---|
| | 4.8V | 5.6V | 6.0V | 6.4V |

## Positioning
With the light turned on, hold down the power button for 3 second turns the light off, which in turn activates the power indicator to blink once every 2 seconds, this serves to remind users the location of the LR30. With a fully charged 18650, the LR30 will remain operational for 6 months with the power indicator activated, and 12 months in standby with the power indicator deactivated.

## Precautions
1. DO NOT insert batteries backward, doing so renders the product inoperative.
2. Always use quality batteries, and remove batteries from the product when it will be left unattended for extensive period.
3. Avoid direct eye exposure
4. DO NOT disassemble, modify the product, it may damage the product and void its product warranty
5. All modes will be inoperative with the exception of "Low" when battery level drops below 10%.

## Replacing Batteries
Batteries should be replaced when output appears to be dim and unresponsive, or when the power indicator is blinking rapidly.

## Warranty Details
Our authorized dealers and distributors are responsible for warranty service. Should any problem covered under warranty occurs, customers can contact their dealers or distributors in regards to their warranty claims, as long as the product was purchased from an authorized dealer or distributor. NITECORE's Warranty is provided only for products purchased from an authorized source. This applies to all NITECORE products.

Any DOA / defective product can be exchanged for a replacement through a local distributor/dealer within the 15 days of purchase. After 15 days, all defective / malfunctioning NITECORE® products can be repaired free of charge for a period of 60 months (5 years) from the date of purchase. Beyond 60 months (5 years), a limited warranty applies, covering the cost of labor and maintenance, but not the cost of accessories or replacement parts.
The warranty is nullified if the product(s) is/are broken down, reconstructed and/or modified by unauthorized parties, or damaged by batteries leakage.
For the latest information on NITECORE® products and services, please contact a local NITECORE® distributor or send an email to service@nitecore.com.

※All images, text and statements specified herein this user manual are for reference purpose only. Should any discrepancy occurs between this manual and information specified on www.nitecore.com. Sysmax Industry Co., Ltd. reserves the rights to interpret and amend the content of this document at any time without prior notice.

Please find us on facebook:
NITECORE Flashlights

CE

20161018

---

*Thanks for purchasing NITECORE!*