

## Fenix CL25R Camping Lantern

The CL25R puts power where it counts with high portability. Employing a special battery holder for low temperature performance, the Micro-USB rechargeable CL25R offers six outputs including a moonlight mode and red light from one 18650 Li-ion rechargeable battery or two CR123A batteries. The CL25R is also equipped with built-in hanging loop, tripod socket and magnet for hang-anywhere functionality.

- Compact and high intensity, max 350 lumens
- Excellent cold-resistant design
- White light with four output options and red light with two output options
- Powered by one 18650 Li-ion rechargeable battery or two CR123A Lithium batteries
- Reverse polarity protection guards against improper battery installation
- Micro-USB rechargeable, with battery level indicator and low voltage warning function
- 25-meter beam width
- Built-in magnet and tripod socket for easy attachment
- Luminous single button switch for easy and fast operation
- Waterproof to IPX-6 standard

## Technical Parameters

ANSI/NEMA FL 1	General Mode				Red Light	
	Turbo	High	Mid	Low	Constant-on	Flashing Red
OUTPUT	350 Lumens	200 Lumens	50 Lumens	0.8 Lumens	1.5 Lumens	1.5 Lumens
RUNTIME	18650	2h15min*	5h	23h45min	600h**	44h
	CR123A	2h5min*	4h10min	18h50min	500h	42h
DISTANCE	25m(Max)					
IMPACTRESISTANT	IPX-6					
WATERPROOF	1.5m					
WEIGHT	177 g(excluding batteries and other accessories)					
DIMENSION	52 mm (Length) x 52mm (Width) X 99mm (Height)					

Note: The above-mentioned parameters (lab tested by Fenix using 2300mAh ARB-L2M 18650 rechargeable battery and quality CR123A Lithium batteries) are approximate and may vary between flashlights, batteries and environments.

\*The CL20 will drop down into the High brightness level after working about 10 minutes in the Turbo mode. Therefore, the runtime of Turbo output is an accumulated time.

\*\* When powered by higher-capacity 18650 battery, the runtime will be longer.

## Operation

### White Light

#### ON/OFF

Press and hold the switch for 0.8 seconds to turn the light on or off.

#### Output selection

Press the switch to cycle through four brightness levels in the order of Low > Mid > High > Turbo when the light is turned on.

The CL25R only switches between Low output and Mid output when being charged.

### Red Light

Double press the switch to activate the red light when the light is turned on. Double press it again to return to white light.

#### Output selection

Press the switch to switch between constant-on and flashing red when the red light is activated.

### Intelligent Memory Circuit

The light memorizes the last used output of white light and the next time you turn it on, it will light up at the memorized output.

### Over-heat Protection

The CL25R will accumulate a lot of heat when it is working in turbo output. To avoid overheating, it will drop down to high output after

output. To avoid overheating, it will drop down to high output after working in turbo for 10 minutes. If the non-stop turbo output is needed, just reset it again.

### Low-voltage Warning Function

When the voltage level drops below the preset level, the indicator light on the switch blinks red to remind you to recharge the CL25R or replace the battery.

### Charging

1. The CL25R can be connected to the USB cables for digital products such as mobile phones with standard Micro-USB charging port. When charging, connect the USB cable to a USB power adapter (sold separately), and remove the anti-dust plug at the top of the CL25R to reveal the charging port and plug the Micro-USB end of the USB cable into the light's charging port. Then the indicator light on the switch turns red to indicate the charging process has begun. The indicator turns solid green when the battery is fully charged. We recommend using a power adapter with output over 5V, 1.5A. It takes about 2.5 hours to fully charge a 2300mAh Fenix ARB-L2M Li-ion 18650 battery.

Note:

- Once charging is completed, disconnect the USB cable from the light and be sure to secure the anti-dust plug cover.
- Please do not charge the CL25R when the light is turned on, doing so will extend the charging time or the battery can not be fully charged.

## Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L2 Series	18650	3.6V/3.7V	Recommended	✓
Non-rechargeable Battery (Lithium)	CR123A	3V	Usable	✓
Rechargeable Battery (Li-ion)	16340	3.6V/3.7V	Banned	✗
Rechargeable Battery (Li-ion)	18650	3.6V/3.7V	Cautious*	!
Rechargeable Battery (LiFePO4)	16340	3.2V	Banned**	✗
Rechargeable Battery (LiFePO4)	18650	3.2V	Banned**	✗

Warning:

1. Please do not mix batteries of different brands, size, capacity or type. Doing so may cause damage to the camping lantern or the batteries being used.  
2. Do not use the CL25R camping lantern to charge the banned batteries, or it may cause explosion.

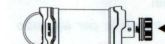
\*18650 Li-ion batteries are powerful cells designed for commercial applications and must be treated with caution and handled with care. Quality batteries with circuit protection will reduce the potential risk for combustion or explosion but cell damage or short circuiting are potential risks the user assumes.

\*\* The CL25R can be powered by using 18650/16340 LiFePO4 rechargeable battery, but using the camping lantern to charge them may cause damage or even explosion to the battery. To avoid the potential danger, please do not use these two kinds of batteries.

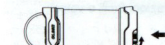
## Battery Replacement



Unscrew the battery cover counterclockwise.



Insert the battery with the anode side (+) toward the light's head.



Put the battery cover back on and screw it clockwise to secure it.

Note:

The CL25R is shipped with Fenix 2300mAh ARB-L2M 18650 rechargeable Li-ion battery. Please remove the battery insulation tab before first use.

## Parts Included

- |   |      |
|---|------|
| 1. CL25R                                      | 1PCS |
| 2. O-ring for water seal                      | 1PCS |
| 3. User manual                                | 1PCS |
| 4. Warranty card                              | 1PCS |
| 5. Micro-USB cable                            | 1PCS |
| 6. 2300mAh ARB-L2M rechargeable 18650 battery | 1PCS |

## Usage and Maintenance

- Please don't disassemble the sealed head as doing so can cause damage to the light and will void the warranty.
- Please use batteries of high quality, and take out the battery if you do not use the light for a long time, or the light can be damaged by electrolyte leakage or battery explosion.
- Long-term use can result in O-ring wear. To maintain a proper water seal, replace the ring with an approved spare.
- Periodic cleaning of the battery contacts improves the light's performance as dirty contacts may cause the CL25R to flicker, shine intermittently or even fail to illuminate for the following reasons:  
Reason A: The batteries need replacing.  
Solution: Replace batteries (Please confirm the correct installation of anode and cathode).
- Reason B: The threads, PCB board contact or other contacts are dirty.  
Solution: Clean the contact points with a cotton swab soaked in rubbing alcohol.

If the above methods don't work, please refer to the warranty policy before contacting your authorized distributor.

## Product Warranty

We will replace products with documented manufacturing defects within 15 days of purchase and repair a light free of charge within 24 months of purchase if problems develop with normal use; if repair is required after 24 months from the date of purchase, we will charge for parts. The total repair fee is dictated by the cost of the replaced materials.

## Product Registration

We kindly suggest that you register your product on the official website for Fenixlight Limited ([www.fenixlight.com](http://www.fenixlight.com)). You can get an extra six-month warranty period once you have successfully registered. By participating in an optional customer survey, you are entered in a drawing for free Fenix products.

## Warning

The CL25R is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the light directly into anyone's eyes.

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