# (ENGLISH)Fenix CL22R Camping Lantern

## Warning

◎Do place this lantern out of the reach of children!

◎Do NOT shine the lantern directly into the eyes of anyone!

◎Do NOT place lantern near flammable objects as high temperatures can cause objects to overheat and become flammable/ignite!

◎Do NOT use the lantern in inappropriate ways such as holding the unit in your mouth, doing so could cause serious personal injury or death if the headlamp or internal battery fails!

◎This lantern will accumulate a lot of heat while operating, resulting in a high temperature of the lantern outer case. Pay close attention to the thermal condition of the lantern to avoid burns.

◎Turn off the lantern to prevent the lantern from overheating during storage or transportation.

◎The LEDs of this lantern are not replaceable; so the whole lantern will need to be replaced when any of the LEDs reaches the end of its lifespan.

## Technical Parameters

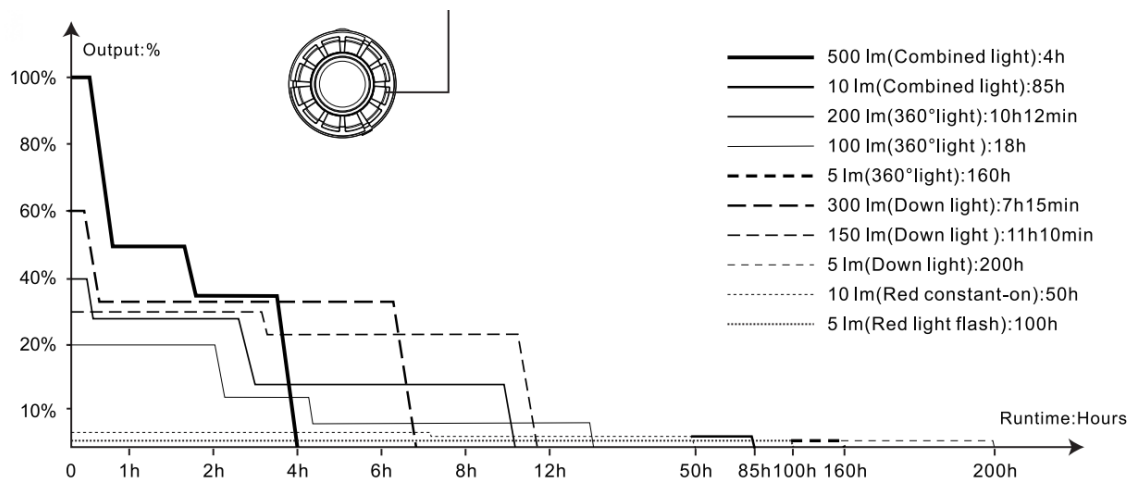| Mode | General Mode | | | | | | | | Scene Mode | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 360°(High) | 360°(Med) | 360°(Low) | Down(High) | Down(Med) | Down(Low) | Combined(High) | Combined(Low) | Red constant-on | Red flashing | Colors jumping | Colors morphing |
| **Output** | 200 lumens | 100 lumens | 5 lumens | 300 lumens | 150 lumens | 5 lumens | 500 lumens | 10 lumens | 10 lumens | 5 lumens | 17 lumens | 17 lumens |
| **Runtime** | 10 hours 12 minutes* | 18 hours | 160 hours | 7 hours 15 minutes* | 11 hours 10 minutes | 200 hours | 4 hours* | 85 hours | 50 hours | 100 hours | / | / |
| **Beam Diameter** | 20 meters | | | | | | | | | | | |
| **Distance** | 80 meters | | | | | | | | | | | |
| **Impact Resistance** | 1.5 meters | | | | | | | | | | | |

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| ~~~~<br>**Waterpro of** | IP65 |

Note: The above specifications are from the results produced by Fenix through its laboratory testing using one built-in 2600mAh battery under the temperature of 21±3°C and humidity of 50% - 80%. The true performance of this product may vary according to different working environments and usage duration.

The Beam Diameter is the max beam diameter of 360°lighting mode, and the Distance is the max beam distance of Down light mode.

The **Beam Diameter** is the max beam diameter of 360° lighting mode, and the **Distance** is the max beam distance of Down light mode.

*The High output is measured in total of runtime including output at reduced levels due to the built-in temperature protection mechanism.



Output:%

Legend:
- 500 lm(Combined light):4h
- 10 lm(Combined light):85h
- 200 lm(360°light):10h12min
- 100 lm(360°light ):18h
- 5 lm(360°light):160h
- 300 lm(Down light):7h15min
- 150 lm(Down light ):11h10min
- 5 lm(Down light):200h
- 10 lm(Red constant-on):50h
- 5 lm(Red light flash):100h

Runtime:Hours

## Product Features

◎500 lumens max combined output.

◎Utilizes one COB, one Redslight SC1818C cold white LED, and twelve WS2812B-3535 LEDs; with a lifespan of 50,000 hours each.

◎360° lighting mode has a max beam diameter of 20 meters, while Down light mode has a max beam distance of 80 meters. Both modes can be used together.

◎White and red light sources for various lighting demands.

◎Bottom colorful atmosphere lights create a romantic ambiance.

◎Powered by a built-in 2600mAh battery.

◎Universal USB Type-C charging port and battery level indication.

◎Rotary switch and electronic switch for easy and fast operation.

◎Built-in hanging loop and included double snap hook allow for easy carry and hanging.

◎Size: 1.50'' x 1.65'' x 4.53''/38 x 42 x 115 mm.

◎Weight: 4.76 oz/135 g.

◎IP65-rated protection and 1.5 meters impact resistance.

## Operating Instructions

### On/off

With the lantern switched off, press and hold the top electronic switch for 0.5 seconds to turn on the lantern and enter the Scene mode. Press and hold the top electronic switch for 0.5 seconds again to turn off the lantern.

Rotate the rotary switch clockwise from the OFF state to enter the General mode and rotate the rotary switch counterclockwise to the OFF state to turn off the lantern.

### Mode Switching/Output Selection

In General mode, single click the top electronic switch to cycle through 360° lighting mode→Down light mode→Combined lighting mode(360° lighting mode + Down light mode).

For these three modes, rotate the rotary switch clockwise to change their brightness from low to high and rotate counterclockwise to change their brightness from high to low.

In Scene mode, single click the top electronic switch to cycle through Red constant-on→Red flashing→Colors jumping→Colors morphing.

### Intelligent Memory Circuit

In General mode, the lantern memorizes the last selected mode. When turned on again the previously selected mode will be recalled.

In Scene mode, the lantern memorizes the last selected output. When turned on again the previously selected output will be recalled.

## Charging

1. Open the anti-dust cover to reveal the USB Type-C charging port and connect the USB Type-C

socket of the charging cable to the lantern.

2. When charging, the charging indicators will flash from left to right to display the charging status.

3. The four indicators will be constant-on after charging is completed.

**Note:**

1. The lantern can be operated while charging and the actual max output of the 360° lighting mode is limited to 100 lumens.

2. The normal charging time of the lantern is approximately 3 hours from depleted to fully charged with a 5 V/1 A or higher power charging adapter.

3. Once charging is completed, be sure to close the anti-dust cover to maintain the dustproof and waterproof ability.

## Battery Level Indication

Each time the lantern is turned on, the indicator(s) will show

the battery level and will last for 3 seconds. With the lantern switched off, single click the top electronic switch to check the battery level and the indicator(s) will last for 3 seconds.

Four lights on: 100% - 80%

Three lights on: 80% - 60%

Two lights on: 60% - 40%

One light on: 40% - 20%

One light flashes: 20% - 1%

## Intelligent Overheat Protection

The lantern will accumulate a lot of heat when used at high output levels for extended periods. When the lantern reaches a temperature of 50°C/122°F or above, it will automatically step down a few lumens to reduce the temperature. When the temperature drops below 50°C/122°F, the lantern will gradually recall the preset output level.

## Low Voltage Warning

When the voltage level drops below the preset level, one of the battery level indicators constantly blinks to remind you to timely recharge the battery. To ensure normal use, the lantern will not turn off automatically and will work till the battery level runs out.

## Usage and Maintenance

◎Disassembling the sealed parts in lantern can cause damage to the lantern and will void the warranty.

◎Fully charge the lantern in time to ensure normal function the next time it is needed.

◎Recharge a stored lantern every three months to maintain optimum performance of the battery.

◎The lantern may flicker, shine intermittently or even fail to illuminate due to poor battery level. Please recharge the lantern.

If this method doesn't work, please contact your authorized distributor.


## Included

Fenix CL22R camping lantern, USB Type-C charging cable, Double snap hook, User manual, Warranty card