Fenix CL20 Camping Lantern

Designed with all-season campers in mind, the CL20 camp lantern supports standard AA battery and CR123A lithium battery to ensure optimum performance in cold seasons. The premium neutral white LEDs along with exclusive multifaceted globe provide165-lumen anti-glare light for gear organization and other nighttime camp tasks. With built-in hanging loop and magnet for easy attachment, the additional red light equipped CL20 is a versatile companion whether on campsite or in tent.

Technical Parameters

ANSI/NEMA FL1		Turbo	High	Mid	Low	Red Light	SOS
OUTPUT		165 Lumens	100 Lumens	50 Lumens	8 Lumens	1.5 Lumens	1.5 Lumens
Runtime	Ni-MH Battery	2h 23min	5h15min	11h 28min	71h 40min	27h10 min	
	Alkaline Battery	3h10min	4h 9min	9h 4min	56h 40min	24h15 min	
	CR123A	2h	3h 31min	7h 32min	46h 50min	20h	
DISTANCE		10m					
WATER RESISTANT		IPX-6					
IMPACT RESISTANT		1.5m					

Note: The above-mentioned parameters (lab tested by Fenix using 2500mAh Ni-MH batteries, the included Alkaline batteries and quality CR123A Lithium battery) 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.

◎Utilizes nine neutral white LEDs and two red LEDs with an even and smooth beam
◎White light with four output options and red light with two output options
◎Powered by one CR123A Lithium battery or two AA (Ni-MH, Alkaline) batteries
◎ Built-in magnet for easy attachment
◎ Dimension: 78.4 mm (Length) x 45.2mm (Width) X 59.1mm (Height)
◎103.2-gram weight (excluding batteries)
◎Digitally regulated output - maintains constant brightness
◎ One-button switch for easy and fast operation
◎ Reverse polarity protection guards against improper battery installation
◎ Made of quality plastic and high-transparency material
◎ Waterproof to IPX-6 standard

Operation

White light

On/off

Press the 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.

Red light

Double press the switch to active 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 lighting mode and SOS mode 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:

CL20 will accumulate a lot of heat when it is working in turbo 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.

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Ni-MH Battery	AA	1.2V	Recommended	√
Alkaline Battery	AA	1.5V	Usable	√
Non-rechargeable Battery (Lithium)	CR123A	3V	Usable	√
Rechargeable Battery (Li-ion)	16340	3.7V	Banned	×

Warning:

1. Please do not mix batteries of different brands, size, capacity or type. Doing so may cause damage to the CL20 or the batteries being used.

2. Please do not use the banned batteries, or it will cause damage to the CL20.

3. Please use batteries of high quality, and take out the batteries if you do not use the CL20 for a long time, or the CL20 could be damaged by electrolyte leakage or battery explosion.

Battery replacement

Pull out the hanging loop at the bottom of the light and turn it 90 degrees then pull it

outwards to reveal the battery compartment.

Install the batteries according to the orientation markings in the battery compartment. The inner compartment is for CR123A batteries and the outer compartment is for AA batteries. **Please do not load CR123A battery and AA batteries at the same time**.
Put the bottom cap back on and turn the hanging loop 90 degrees to secure it.

Parts Included

1、CL20
2、O-ring for water seal at the bottom cap
3、User manual
4、Warranty card
5、Two AA batteries

Usage and Maintenance

◎ Please don't disassemble the sealed head as doing so can cause damage to the flashlight and will void the warranty.

◎Use only recommended high performance batteries with this high discharge light: A Ni-MH rechargeable cell is recommended as alkaline batteries will reduce the CL20's runtime.

◎ 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 flashlight's performance as dirty contacts may cause the flashlight 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). 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
CL20 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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