

Fenix LD75C Flashlight

Extreme outputs, compact size plus multi-color LED, the LD75C flashlight lights up your favorite outdoors with four color options. LD75C puts 4200-lumen output with 490-meter throw inside a package that is less than 16-centimeter long, and can be stowed easily in a backpack, glove compartment, or tool case. The light also features five brightness levels, instant strobe and instant turbo.

Features

- Utilizes Cree XM-L2 U2 LEDs and XM-L color LED with a lifespan of 50,000 hours
- Powered by 4 rechargeable Li-ion 18650 batteries or 8 CR123A lithium batteries
- 158mm (Length) x 52mm (Diameter) x 74mm (Head)
- 430-gram weight (excluding batteries)
- Digitally regulated output - maintains constant brightness
- Double circuit design for flexible power options and better reliability
- Reverse polarity protection guards against improper battery installation
- Over-heat protection to avoid high-temperature of the surface
- Side switches for ON/OFF and output selection
- Made of durable aircraft-grade aluminum
- Premium Type III hard-anodized anti-abrasive finish
- Toughened ultra-clear glass lens with anti-reflective coating

Battery Replacement

Unscrew the tail cap to insert the batteries with the anode side (+) toward the light head, screw the tail cap back on.

The light can be powered by two 18650 batteries or four CR123A batteries loaded in correct battery compartments (as the diagram below shows). Under this condition, only the corresponding LED will light up and the runtime of each brightness level remains the same but the output is reduced by half.



Technical Parameters

ANSI/NEMA FL 1	General Mode					Multi-color LED				Strobe
	Eco	Low	Mid	High	Turbo	White	Red	Green	Blue	
OUTPUT	40lumens	200lumens	600lumens	1800lumens	4000lumens	200lumens	140lumens	190lumens	45lumens	4000lumens
RUNTIME	175h	35h	11h	3h	1h30min*	11h	14h	11h	11h	/
DISTANCE	490m (Max)									
INTENSITY	60000cd (Max)									
IMPACT RESISTANCE	1m									
WATERPROOF	IPX-8, underwater 2m									
ACCESSORIES	Holster, lanyard and spare O-ring									

Notice: The above-mentioned parameters (lab-tested by Fenix using ARB-L2S rechargeable Li-ion batteries with thermal control function turned off) are approximate and the actual output and runtime may vary between different situations and batteries used.

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	X
Rechargeable Battery (Li-ion)	18650	3.6V/3.7V	Cautious*	!
Rechargeable Battery (LiFePO4)	16340	3.2V	Usable	✓
Rechargeable Battery (LiFePO4)	18650	3.2V	Banned	X

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

*18650/16340 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 for combustion or explosion but cell damage or short circuiting are potential risks the user assumes.

Battery Level Indicator*

The battery level indicator lights up the multi-color LED for 3 seconds to show the remaining power of the batteries loaded. To activate the battery level indicator, just double press the C button when the light is turned off.

Green LED constant-on: sufficient power level

Blue LED constant-on: high power level

Red LED constant-on: low power level

Red LED flashing: critical power level

*The battery level indicator only supports 18650 Li-ion rechargeable batteries.

Operation

The white light and colored light are controlled separately and can be turned on at the same time. The button with power icon controls the white LEDs and the button with C icon is for multi-color LED and the button with sun icon is for instant turbo and strobe function.

White light

ON/OFF

Press and hold the button with power icon for 0.5 seconds to turn the light on or off.

Output selection

Press the button with power icon to cycle through five brightness levels in the order of Turbo>Eco>Low>Mid>High when the white light is turned on

Colored light

ON/OFF

Press and hold the button with C icon for 0.5 seconds to turn the light on or off.

Output selection

Press the button with C icon to cycle through four output options in the order of Blue>Green>Red>White when the colored light is turned on.

Instant turbo

Press and hold the button with sun icon for 1 second to activate turbo mode directly. To return to previous condition, just press the button again.

Instant strobe

To activate strobe mode, just press the button with sun icon. It will flash between 6Hz and 15Hz every two seconds. Press the button again will return the light to previous condition.

Intelligent Memory Circuit

The flashlight memorizes the last brightness level used but it will not remember strobe mode. The next time you turn the flashlight on, it will light up at the last used brightness level.

Over-heat Protection

The light will accumulate a lot of heat when it is working at high lumen output levels. The flashlight will automatically adjust the output to prevent the light from overheating. If non-stop full output is needed, just press the power button again.

Usage and Maintenance

- Please don't disassemble the sealed head, doing so can cause damage to the flashlight and will void the warranty.
- We recommend the use of high quality battery. If the flashlight is not to be used for an extended period, remove the battery, or the flashlight could be damaged by electrolyte leakage or battery explosion.

The flashlight may be accidentally activated when stored, transported or placed in a pocket. Unscrew the tail cap one-half turn or take out the battery to avoid unwanted operation.

The O-ring may be worn out after using for a long time. If this happens, please replace the O-ring with a new one to keep the flashlight properly sealed against water.

Please clean the contacts of your light from time to time, especially if the light flickers or doesn't light up. There may be several reasons for a flickering or not working light:

Reason A: The battery needs replacing.

Solution: Replace the battery (Please confirm the correct orientation of positive and negative ends).

Reason B: The threads, PCB board contact or other contacts are dirty.

Solution: Clean the contact points with an alcohol soaked cotton swab.

If the above methods don't work, please refer to the warranty policy.

Product Warranty

We will replace products with 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 of Fenixlight Limited (www.fenixlight.com). You'll receive an extra six months of warranty coverage once you have successfully registered. By participating in an optional customer survey, you are entered in a drawing for free Fenix products.

Warning

LD75C is a high-intensity lighting device capable of causing eye damage. Avoid shining the light directly into anyone's eyes.