







Fenix LD02 Flashlight

Small but mighty, the LD02 flashlight offers up to 100-lumen of light with a 45-meter range all in a tiny 7.6-centimeter package that fits in your pocket or on your keychain. Designed to provide instant lighting wherever and whenever you need it, the LD02 provides three brightness levels to strike a balance between high output and extended runtime.

Technical Parameters

ANSI/NEMA FL1		High	Mid	Low
 OUTPUT		100 lumens	25 lumens	8 lumens
 RUNTIME	Ni-MH Battery	45 min	4h 15min 14h 30min	
	Alkaline Battery	30 min	4h 15min	15h
 DISTANCE		45m□Max□		
 INTENSITY		505cd□Max□		
 IMPACT RESISTANT		1m		
 WATER RESISTANT		IPX-8, underwater 2m		
ACCESSORIES		Key ring, body clip and spare O-ring		

- ◎ Uses Cree XP-E2 LED with a lifespan of 50,000 hours
- ◎ Uses one AAA (Ni-MH, Alkaline) battery
- ◎ 76 mm□15mm, 3 inches*0.6 inches (Length* Diameter)
- ◎ 16-gram□0.6 oz□ weight (excluding battery)
- ◎ Digitally regulated circuit - maintains constant brightness
- ◎ Tail cap switch for ON/OFF operation and output selection
- ◎ Made of durable aircraft-grade aluminum

◎ Premium Type III hard-anodized anti-abrasive finish

Note: The above-mentioned parameters (lab tested by Fenix using 750mAh Ni-MH battery and the included Alkaline battery) are approximate and may vary between flashlights, batteries and environments.

The flashlight will drop down into the Mid output after working about 3 minutes in the High output. Therefore, the runtime of High output is an accumulated time.

Operation

ON/OFF

Press the tail switch to activate the light on Mid output and lock it. Another complete press of the switch turns it off.

Output Selection

When the light is on, tap the tail switch to cycle the brightness level in the order of Mid>Low>High.

Over-heat protection

The light will accumulate a great deal of heat when working in the High output for an extended period of time. In order to avoid overheating, it will down shift the Mid output automatically after a 3-minute High output working time. If further High output is needed, please reset it again.

Battery Specifications

Type	Dimensions	Nominal voltage	Usability	□
Ni-MH Battery	AAA	1.2V	Recommended	√
Alkaline Battery	AAA	1.5V	Usable	√
Non-rechargeable Battery (Lithium)	AAA	1.5V	Usable	√
Rechargeable Battery (Li-ion)	10440/10450	3.7V	Banned	×

Battery Replacement

Unscrew the light head to put in the battery with the anode (+) toward the light head, then align the threads and screw the light head back on.

Usage and Maintenance

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

◎ High-power light should use battery with high current discharge capability; we suggest using high-performance Ni-MH rechargeable battery to increase the runtime of this high-intensity light.

⊗ 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 O-ring may be worn out after using for a long time. If it 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 installation of anode and cathode).

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 contact the distributors and refer to the warranty policy.

Product Warranty

We will replace products afflicted 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 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 LD02 is a high-intensity lighting device capable of causing eye damage. Avoid shining the light directly into the eyes.

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