



## LD41 Flashlight

Fenix LD41 is a high-performance outdoor flashlight with a wide range of applications. It employs the unique dual tail cap switch to provide quick switching between four brightness levels and two flashing modes—and a momentary-on function. The elongated all-metal housing, containing four readily-available AA batteries with sufficient power, makes it comfortable to hold. Featuring constant brightness and waterproofing to IPX-8 standards, LD41 can be a good partner in different outdoor conditions and in emergencies.

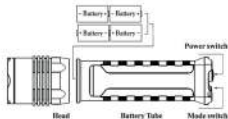


# LD41

Max 960 Lumens

## User manual

*Illuminate Your Adventure*



## Technical Parameters

ANSI/NEMA FL1	General Mode				Strobe	SOS
	Turbo	High	Mid	Low		
☀️ OUTPUT	960 Lumens	400 Lumens	150 Lumens	6 Lumens	960 Lumens	150 Lumens
🕒 RUNTIME	1h*	2h 25min	9h30min	200h		
📏 DISTANCE	300m (Max)					
➕ INTENSITY	22500cd (Max)					
✓ IMPACT RESISTANCE	1m					
🌧️ WATERPROOF	IPX-8, underwater 2m					
🧰 ACCESSORIES	Holster, lanyard, spare O-ring and rubber switch boot					

\*Please note that the LD41 will automatically enter into the High brightness level from the Turbo brightness level after a 25-minute working time with the security setting. So the runtime of the Turbo brightness level is the accumulated time.

- Uses Cree XM-L2 (U2) LED with a lifespan of 50,000 hours
- Uses four AA (Ni-MH, Alkaline ) batteries
- 175mm (Length) x 40mm (Diameter)
- 190-gram weight (excluding batteries)
- Digitally regulated output maintains constant brightness
- Reverse polarity protection guards against improper battery installation
- Low-voltage reminder indicates when battery replacement is needed
- Anti-roll, slip-resistant body design
- Tactical tail cap switch with momentary-on function
- Tail mode switch, one click for brightness selection
- Made of durable aircraft-grade aluminum
- Premium Type III hard-anodized anti-abrasive finish
- Toughened ultra-clear glass lens with anti-reflective coating

Notice: The above-mentioned parameters (lab-tested with 2500mAh Ni-MH batteries) are approximate and may vary between flashlights, batteries and environments.

## Operation Instruction

Two tail cap switches include the large button (power switch) and the small button (mode switch).

Press the power switch lightly to momentarily activate the flashlight.

Press the power switch completely to turn on the flashlight and lock it. Another press will unlock and turn it off.

With the flashlight on,

A single press on the mode switch allows switching between Turbo → Low → Mid → High → brightness levels.

To enter into Strobe mode, simply press and hold the mode switch for about one second.

To enter into SOS mode, press and hold the mode switch for about three seconds.

To return to the non-flashing mode when in Strobe or SOS mode, press the mode switch once.

While in the general mode, LD41 memorizes the brightness level. When turned off and then on again, the flashlight automatically enters the general mode.

Overheating protection: LD41 will accumulate a great deal of heat when working in the turbo brightness level for a long time. To avoid overheating the flashlight, LD41 will downshift from TURBO to HIGH after 25 minutes of use. If TURBO is needed for extended periods, simply reset it, recognizing heat build-up is probable.

## Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Ni-MH Battery	AA	1.2V	Recommended	✓
Alkaline Battery	AA	1.5V	Usable	✓
Non-rechargeable Battery (Li-ion)	AA	1.5V	Usable	✓
Rechargeable Battery (Li-ion)	14500	3.7V	Banned	✗

### Warning:

Please do not mix using batteries of multiple manufacturers, varying size, capacity or type. Doing so may cause damage to the LD41 or the batteries being used.

## Battery Replacement

Unscrew the light head to take out the battery holder. Insert the batteries correctly according to the signs at the bottom of the battery cassette. Put the battery holder into the tube with the round side of the battery holder toward the light head and the groove in the side toward the raised place in the inner wall of the tube. Screw the light head back on to test.

## Usage and Maintenance

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

○ The circuit is programmed with a low-voltage protection function. If low voltage is detected, it will enter into the lower brightness level. If low voltage is detected in the Low brightness level, it will blink three times a second every 5 minutes. To allow normal use, LD41 will not turn off automatically and will continue to work until the batteries are depleted.

○ To get the most from this LD41, Fenix recommends using high-performance Ni-MH rechargeable batteries. Alkaline batteries will reduce runtimes significantly.

○ If the flashlight is not to be used for an extended period, remove the batteries as the flashlight could be damaged by electrolyte leakage or battery explosion.

○ To avoid accidental activation, remove the batteries before packing and transporting the LD41.

○ 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 LD41 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 Fenix 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

LD41 is a high-intensity lighting device and capable of causing eye damage to the user or others so please avoid shining the light directly into anyone's eyes.