

FENIX
LIGHTING FOR EXTREMES



LD42

HIGH-OUTPUT FLASHLIGHT WITH ROTARY SWITCH

- 1000 lumens maximum output
- Mechanical rotary side switch
- Operates on 4 AA batteries

(English) Fenix LD42 Flashlight

- 1000 lumens max output and 350 meters beam distance
- Patented technique of rotary mode switching - fast operation and accurate selection
- Powered by 4 AA (Ni-MH/alkaline) batteries
- 6.28" x 1.34" x 1.28" (159.5 x 34 x 32.5 mm)
- 3.53 oz / 100 grams (excluding batteries)
- Stainless steel body clip
- Flat body design for comfortable holding
- Digitally regulated circuit for maintaining a stable output
- Reverse polarity protection, to protect from improper battery insertion
- Body with anti-roll and anti-slip design
- Light head is made of durable high-strength and oxidation-resistance aluminum; light body is made of quality plastic
- Premium type HAIII hard-anodized anti-abrasive finish
- Toughened ultra-clear glass lens with an anti-reflective coating

Operating Instruction ①

On/off

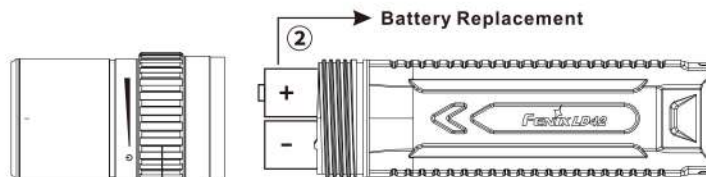
Rotate the mechanical switch to the right side to turn on the light; rotate the switch back left to the OFF mode to turn off the light.

Output Selection

Rotate the mechanical rotary switch to cycle through OFF ⇄ Eco ⇄ Low ⇄ Med ⇄ High ⇄ Turbo.

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Ni-MH Battery	AA	1.2V	Recommended	✓✓
Alkaline Battery	AA	1.5V	Usable	✓



Off
Rotate the switch back left to the OFF mode

On
Rotate the mechanical switch to the right side

Output Selection
Rotate the mechanical rotary switch
OFF ⇄ Eco ⇄ Low ⇄ Med ⇄ High ⇄ Turbo



Non-rechargeable Battery (Lithium)	AA	1.5V	Usable	✓
Rechargeable Battery (Li-ion)	14500	3.7V	Banned	✗

⚠ Warning:

- Do not use the banned battery in case of overvoltage burnout in circuit component.
- Use quality batteries. Do not mix batteries of different brands, sizes, capacities or types. Doing so may cause damage to the lantern or the batteries being used.
- If the light will not be used for an extended period, remove the batteries from the light in case of damage by electrolyte leakage.

Battery Replacement ②

Unscrew the light head to insert the batteries with correct polarity in accordance with the graphics on the top surface of the battery compartment, then screw the light head back on.

Overheat Protection

The light will accumulate a lot of heat when used on Turbo for extended periods. When the light reaches a temperature of 60°C or above, the light will automatically step down to 300 lumens to reduce the temperature. When the temperature drops below 60°C, it will then automatically return to Turbo mode.

Usage and Maintenance

- Disassembling the sealed head can cause damage to the light and will void the warranty.
- Fenix recommends using quality batteries with proper built-in protections.
- If the light will not be used for an extended period, remove the batteries, or the light could be damaged by electrolyte leakage.
- Unscrew the tail cap half a turn or take out the batteries to prevent accidental activation during storage or transportation.

Specifications

ANSI/PLATO FL1	Turbo	High	Med	Low	Eco	OFF
Output	1000 lumens	350 lumens	150 lumens	50 lumens	5 lumens	/
Runtime	1 hour 10 minutes*	2 hours 38 minutes	13 hours 10 minutes	36 hours 40 minutes	130 hours 20 minutes	/
Distance	350 meters	190 meters	125 meters	72 meters	23 meters	/
Intensity	30625 candela	9025 candela	3906 candela	1296 candela	132 candela	/
Impact Resistance	1 meter					
Waterproof	IP68, 2meters underwater					

Note: The above specifications are the test results given by Fenix through its laboratory testing using 4 Pairdeer batteries 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 the actual batteries used.

*The Turbo output is measured in total of runtime including output at reduced levels due to temperature or protection mechanism in the

- Long-term use can result in O-ring wear. To maintain a proper water seal, replace the ring with an approved spare (included) when damaged.
- Periodic cleaning of the battery contacts improves the light's performance as dirty contacts may cause the light to flicker, shine intermittently or even fail to illuminate for the following reasons:

A: The batteries need replacing.

Solution: Replace batteries (Ensure batteries are inserted according to the manufacturer's specifications).

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 contact your authorized distributor.

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Included

LD42 flashlight, 4 AA batteries (alkaline), Body clip, Lanyard, Holster, Spare O-ring, User manual, Warranty card

⚠ Warning

- This flashlight is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the flashlight directly into anyone's eyes.
- This flashlight will accumulate a lot of heat when used for extended periods, resulting in high temperature of the flashlight shell. Pay attention to safe use to avoid scalding.