







# Fenix LD60 Flashlight

The LD60 outdoor flashlight provides unmatched performance and flexibility with three light sources. Thanks to the separate circuit design, the LD60 works well even when one or two LEDs are compromised. Utilizing three CREE XM-L2 LEDs, the LD60 offers 2800-lumen max output while a single press on the side switch is all you need for output selection and instant strobe.

## Technical Parameters

ANSI/NEMA FL1	General Mode					Strobe
	Turbo	High	Mid	Low	Eco	
 OUTPUT	2800 Lumens	1500 Lumens 500 Lumens	160 Lumens	30 Lumens	2800 Lumens	
 RUNTIME	1h30min *	3h	9h	29h	150h	
 DISTANCE	460m□Max□					
 INTENSITY	53000cd□Max□					
 IMPACT RESISTANT	1m					
 WATERPROOF	IPX-8□underwater 2m					
ACCESSORIES	Holster, lanyard and spare O-ring					

Notice: The above-mentioned parameters (lab-tested by Fenix using 3400mAh ARB-L2S rechargeable Li-ion batteries) are approximate and may vary between flashlights, batteries and environments.

\*The flashlight will drop down into the High brightness level after working about 3 minutes in the Turbo mode. Therefore, the runtime of Turbo output is an accumulated time.

©Utilizes three Cree XM-L2 (U2) LEDs with a lifespan of 50,000 hours

©Powered by three 18650 rechargeable Li-ion batteries or six 3V CR123A Lithium

batteries

- ⊙155mm (Length) x 63mm (Head diameter) x 46mm□Tube diameter□
- ⊙364-gram weight (excluding batteries)
- ⊙Digitally regulated output - maintains constant brightness
- ⊙Reverse polarity protection guards against improper battery installation
- ⊙Over-heat protection to avoid high-temperature of the surface
- ⊙Triple LEDs with separate circuit design
- ⊙Camera tripod mountable
- ⊙Intuitive one-button operation
- ⊙Made of durable aircraft-grade aluminum
- ⊙Premium Type III hard-anodized anti-abrasive finish
- ⊙Toughened ultra-clear glass lens with anti-reflective coating

## Operation

### On/off

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

### Output selection

With the light on, press the button to cycle through five brightness levels in the order of Turbo>Eco>Low>Mid>High.

### Instant strobe

When the light is turned on:

Press and hold the button for 1.2 seconds to activate strobe, press the button again to return the light to normal lighting mode.

When the light is turned off:

Press and hold the button for 1.2 seconds to activate strobe mode temporarily until the button is released

### 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

LD60 will accumulate a lot of heat when it is working in Turbo output. To avoid overheating, it will automatically drop down into the High brightness level after working in Turbo output for 3 minutes. If the non-stop Turbo output is needed, just reset it again.

### Battery Specifications

Type	Dimensions Nominal Voltage	Usability		
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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	✗
3.2V Usable/Rechargeable Battery (Li-ion)	18650	3.6V/3.7V	Cautious*	!
Rechargeable Battery 16340 □LiFePO <sub>4</sub> □ Rechargeable Battery □LiFePO <sub>4</sub> □	18650	3.2V	Banned	✗

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 risk for combustion or explosion but cell damage or short circuiting are potential risks the user assumes.

### Battery Replacement

Unscrew the tail cap to put in the battery with the anode (+) toward the light head, plug the locating pin at the tail cap into one of the three positioning holes on the light body and then screw the tail cap 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.

Ⓢ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.

ⓈUnscrew the tail cap one-half turn or take out the battery to prevent accidental activation during storage or transport.

ⓈThe light can be powered by one 18650 battery or two CR123A batteries loaded in one or two battery compartments. 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 one third /two thirds.

ⓈDue to the separate circuit design, the output of the three LEDs may vary when the flashlight is loaded with batteries of different capacity.

⊗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](http://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**

LD60 is a high-intensity lighting device capable of causing eye damage. Avoid shining the light directly into anyone's eyes.

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