







The Fenix TK51 Flashlight employs dual LEDs to increase total output with nine, wide-ranging lighting options. Spot and flood beams include 1800 lumen max output and 425m carry distance. For total control, one-button instant turbo and strobe activate even when the TK51 is off.

Technical Parameters

ANSI/NE MA FL1	General Mode								Strobe
	Single lights				Two lights				
	Turbo	High	Mid	Low	Turbo	High	Mid	Low	
 output	900 Lumens	400 Lumens	150 Lumens	10 Lumens	1800 Lumens	800 Lumens	300 Lumens	20 Lumens	1800 Lumens
 Runtime	3hour 30min	9hours	27 hours	420 hours	1hours 45 min	4hours 30min	13hours 30min	210h ours	
 Beam distance	425m								
 Peak beam Intensity	45200cd								
 Impact resistance	1m								
 Water proof	IPX-8								
accessories	Lanyard, spare O-ring								

Notice: The above-mentioned parameters (lab-tested by Fenix using **ARB-L2** rechargeable Li-ion battery) are approximate and may vary between flashlights, batteries and environments.

- ◎Utilizes two Cree XM-L 2 (U2) LEDs with a lifespan of 50,000 hours
- ◎Uses three 18650 rechargeable Li-ion batteries
- ◎188mm (Length) x 48mm (Diameter)
- ◎430-gram weight (excluding the battery)
- ◎Digitally regulated output with low-voltage indicator
- ◎Reverse polarity protection guards against improper battery installation
- ◎three button interface for fast and convenient 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

Three buttons manage all functions, with the left flood icon and right spot icon buttons controlling individual lights.

ON/OFF

1. Press the flood or spot button once to activate individual lights, pressing the power once to turn the light off.
2. Press the power button to activate both flood and spotlights, pressing again to turn the lights off.

BRIGHTNESS LEVELS

With the FLOODLIGHT turned on, press the flood button to cycle through 4 brightness levels in the order of Low > Mid > High > Turbo > Off

With the SPOTLIGHT turned on, press the spot button to cycle through 4 brightness levels in the order of Low > Mid > High > Turbo > Off

INTELLIGENT MEMORY

The Fenix TK51 memorizes the last brightness level used in the general mode, but will not remember the Strobe mode. The next time you turn the flashlight on, it will activate the last brightness level you selected.

INSTANT TWO-LED TURBO (1800 lumens)

Press and hold the power button for one second to activate maximum output until the button is released and the TK51 returns to the previous brightness level.

INSTANT STROBE (1800 lumens)

Press and hold either the spot or flood button for one second to activate strobe mode until the button is released and the TK51 returns to the previous brightness level.

OUTPUT LOCK-OUT

When batteries no longer can sustain the current brightness level, the Fenix TK51 will reduce output level to maintain illumination. Recharging the batteries unlocks this function to return the TK51 to full operational status.

OVER-HEATING PROTECTION

As a high-performance LED flashlight, the Fenix TK51 accumulates heat when operated in Turbo output. When overheating is detected, the TK51 automatically drops down into the High brightness level. Turbo function is restored once the temperature drops to a safer level.

LOW-VOLTAGE INDICATOR

When the voltage level drops below the preset level, the TK51 is programmed to downshift to a lower brightness level. When this happens in Low output mode, the flashlight blinks three times every five minutes to remind you to replace the battery.

Battery Specifications

Type	Dimensions	Nominal voltage	Usability	
FENIX ARB-L2	18650	3.7V	Recommended	✓
3.7V Cautious*! Non-rechargeable Battery (Lithium)	CR123A	3V	Usable	✓
Rechargeable Battery 16340 (Li-ion) Rechargeable Battery (Li-ion)	18650	3.7V	Cautious*	!
Rechargeable Battery □LiFePO4□	16340	3.2V	Usable	✓
Rechargeable Battery □LiFePO4□	18650	3.2V	Usable	✓

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.

Avoid using battery with damaged outer wrapper which may cause a short-circuit

*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 remove the battery holder and insert three 18650 rechargeable batteries* with negative terminals towards the spring. Insert the holder with its top metal ring towards the head of the light and replace the tail cap with threads cleaned and in proper alignment.

***When absolutely necessary, the TK51 can be powered by one or two 18650 batteries, knowing battery lifespan likely will be shortened. Two, four or six CR123A batteries can be used with shortened runtimes at each brightness level.**

USAGE & 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

TK51 is a high-intensity lighting device capable of causing eye damage. Avoid shining the light directly into anyone's eyes.