

Fenix TK32 Flashlight User Manual

400 meters (437 yards) from a palm-sized light? No, you are not mistaken. The TK32 Flashlight drives deep downrange to 400 meters with 900-lumen output. Balanced for easy carry, the light also features red, green and blue LEDs and the dual tail switch system is all you need to control this multi-color flashlight.

Technical Parameters

ANSI/NEMA FL1	Turbo	High	Mid	Low
OUTPUT	900 lumens	400 Lumens	130 Lumens	10 Lumens
RUNTIME	1h30min	3h45min	13h	150h
DISTANCE	400m (Max)			
INTENSITY	40000cd (Max)			
IMPACT RESISTANT	1m			
WATER RESISTANT	IPX-8 (2 meters underwater)			
ACCESSORIES	Holster, lanyard and spare O-ring			

Notice: The above-mentioned parameters (lab-tested by Fenix using ARB-L2S 18650 Li-ion battery) are approximate and may vary between flashlights, batteries and environments.

The flashlight will drop down into the high brightness level after working about 15 minutes in the Turbo mode. Therefore, the runtime of Turbo output is an accumulated time.

- Utilizes Cree XM-L2 (U2) LED with a lifespan of 50,000 hours
- Integrated Red, Green and Blue LEDs with 100mW output
- Uses one 18650 rechargeable Li-ion battery or two CR123A batteries
- 159 mm (Length) × 25.4 mm (Body Diameter) × 52mm (Head Diameter)
- 180-gram weight (excluding batteries)
- Digitally regulated output - maintains constant brightness

- Low-voltage warning function to remind users of low power
- Reverse polarity protection to protect from improper battery installation
- Anti-roll, slip-resistant body design
- Dual tail switch for momentary-on and output selection
- Made of durable aircraft-grade aluminum
- Premium Type III hard-anodized anti-abrasive finish
- Toughened ultra-clear glass lens with anti-reflective coating

Operation

Momentary-on

Slightly press and hold the TK32's tail power switch.

Constant-on

Fully press the tail power switch to turn the light on, pressing again to turn the light off.

Output selection

When the light is on, press the tail mode switch to cycle through four brightness levels in the order of Turbo>Low>Mid>High

Colored LEDs

When the light is on, press and hold the mode switch for one second to light up **the colored LEDs**. Press the mode switch to cycle through them in the order of Red>Green>Blue. Press and hold the mode switch for one second to return to white light.

Instant access to red light

When the light is off, press and hold the mode switch to activate the red light momentarily

Intelligent memory circuit

White light

The flashlight memorizes the last used output of white light. The next time you turn the flashlight on; it will activate the last used brightness level of white light.

Colored LEDs

The flashlight memorizes the last used colored LED. The next time you switch from the white light to colored light, it will activate the last used color.

Over-heat Protection:

TK32 will accumulate a lot of heat when it is working in Turbo output. To avoid overheating, the flashlight will automatically drop down into the High brightness level after working in Turbo output for 15 minutes. If the non-stop Turbo output is needed, just reset it again.

Low-voltage Warning Function

When the voltage level drops below the preset level, the flashlight will downshift to a lower brightness level. When the voltage level drops below the threshold voltage in Low output mode, the flashlight will blink three times every five minutes to remind you to replace the battery.

Battery Specifications

Type	Dimensions	Nominal voltage	Usability	
FENIX ARB-L2 Series	18650	3.7V/3.6V	Recommended	√
Non-rechargeable Battery (Lithium)	CR123A	3V	Recommended	√
Rechargeable Battery (Li-ion)	16340	3.7V/3.6V	Cautious*	!
Rechargeable Battery (Li-ion)	18650	3.7V/3.6V	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.

*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 insert the batteries with the anode side (+) toward the light's head, then align the threads and 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.

©Due to the momentary-on tactical switch, 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 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 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

TK32 is a high-intensity lighting device capable of causing eye damage. Avoid shining the light directly into anyone's eyes.