



**TK35** ULTIMATE EDITION  
Max 2000 Lumens

## User manual

*Illuminate Your Adventure*

### TK35 Ultimate Edition

Fenix TK35UE, this upgraded flashlight integrates exquisite craftsmanship and high performance. With Cree XHP50 LED, it delivers maximum output of 2000 lumens, five brightness levels plus Strobe and SOS, but from more compact body. The dual tail button switch is convenient for fast and simplified operation, realizes one-handed momentary-on function and mode switching. Moreover, paralleled battery compartment, compatibility with both 18650 rechargeable Li-ion and CR123A batteries make it outstand in outdoor searching, caving, standby application for driving and more.

- ✗ Uses Cree XHP 50 LED with a lifespan of 50,000 hours
- ✗ Powered by two 18650 rechargeable Li-ion batteries or four 3V CR123A Lithium batteries
- ✗ 161mm(length) X 50mm(head diameter)
- ✗ 240 grams(excluding batteries)
- ✗ Digitally regulated output maintains constant brightness
- ✗ Reverse polarity protection, to protect from improper battery installation
- ✗ Low-voltage reminder indicates when battery replacement is needed
- ✗ Dual tail button switch for simple and fast operation
- ✗ Made of durable aircraft-grade aluminum
- ✗ Premium Type III hard-anodized anti-abrasive finish
- ✗ Toughened ultra-clear glass lens with anti-reflective coating

### Technical Parameters

ANSI/NEMA FL 1	General Mode					Strobe	SOS
	Turbo	High	Mid	Low	Eco		
OUTPUT	2000 Lumens	1050 Lumens	380 Lumens	120 Lumens	20 Lumens	2000 Lumens	380 Lumens
RUNTIME	1h15min*	3h10min**	9h15min	33h	160h	/	/
DISTANCE	320m (Max)						
INTENSITY	25600cd (Max)						
IMPACT RESISTANCE	1m						
WATERPROOF	IPX-8, underwater 2m						
ACCESSORIES	Lanyard, holster, spare O-ring						

Note: The above-mentioned parameters (lab-tested by using Fenix ARB-L2-3400 18650 rechargeable Li-ion battery) are approximate and may vary between flashlights, batteries and environments.

\*Due to the protective setup of automatically turning to High from Turbo after working 5 minutes, the runtime of the Turbo brightness level is the accumulated time.

\*\*Due to the protective setup of automatically turning to Mid from High after working 30 minutes, the runtime of the High brightness level is the accumulated time.

### Operation Instruction

#### Dual Tail Button Switch

The big tail switch is power switch, and the small one is mode switch.

#### ON/OFF

Slightly tap the power switch to turn on the light temporarily, release it the light will go out

Fully press the power switch to turn on and lock the light constantly, press once again to unlock and turn off the light.

#### Output Selection

With the light on, single-click the mode switch to cycle through Turbo→Eco→Low→Mid→High.

#### Strobe and SOS

With the light on, press and hold down the mode switch for 1 second to enter Strobe mode.

With the light on, press and hold down the mode switch for 3 seconds to enter SOS mode.

Under Strobe and SOS mode, single-click the mode switch to turn back to general output mode.

#### Intelligent Memory Circuit

The flashlight memorizes the last used brightness level of general mode, but it will not remember the Strobe and SOS mode. The next time you turn it on, it will recall that previously brightness level.

#### Over-heat Protection

The flashlight will accumulate a lot of heat when it is working at Turbo or High brightness level. When it works at Turbo for 5 minutes or at High for 30 minutes, the flashlight will automatically adjust the output to prevent the light from overheating. If the Turbo or High output is needed, please reset it again.

#### Low-voltage Warning

When the voltage level drops below the preset level in using 18650 rechargeable Li-ion batteries, the flashlight 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. To ensure normal use, the flashlight will not turn off automatically and will work until the batteries run out completely.

### Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L2 Series	18650	3.7V	Recommended	✓
Non-rechargeable Batter(Lithium)	CR123A	3V	Recommended	✓
Rechargeable Battery(Li-ion)	16340	3.7V	Banned	✗
Rechargeable Battery(Li-ion)	18650	3.6V/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, sizes, capacities or types. Doing so can 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 for combustion or explosion but cell damage or short circuiting are potential risks the user assumes.

### 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 grooves. Put the battery holder into the tube with the round side towards the light head and the raised place in the side towards the groove in the inner wall of the tube. Screw the light head back on.

### Usage and Maintenance

- ⊙ Disassembling the sealed head can cause damage to the light and will void the warranty.
- ⊙ Fenix recommends using excellent quality battery. If the flashlight will not 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 transportation.
- ⊙ Continuous working at Turbo brightness level, the light may activate over-heat protection or light beam trembling, to maintain normal status, please lower the brightness level to cool down the flashlight.
- ⊙ 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 flashlight 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.

Notice: The routine cleaning video can be watched and downloaded through Fenix official website, please log onto the service channel->"maintenance for light".

### Product Warranty

Fenix will replace products with documented manufacturing defects within 15 days of purchase and repair a light free of charge within 3 years of purchase if problems develop with normal use; if repair is required after 5 years from the date of purchase, Fenix will charge for parts. The total repair fee is dictated by the cost of the replaced materials.

### Product Registration

Fenix suggests you register your product on the official website for Fenixlight 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

The flashlight is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the light directly into anyone's eyes.