







TK35UE 2018 Flashlight

Technical Parameters

ANSI/PLATO FL1	General Mode						Flash Mode	
	Turbo		High	Med	Low	Eco	Strobe	SOS
 Output	3200 Lumens	2000 Lumens	1000 Lumens	350 Lumens	100 Lumens	20 Lumens	3200 Lumens	100 Lumens
Tactical Mode		√					√	
Outdoor Mode	√		√	√	√	√	√	√
 Runtime	1h 30min	2h	3h 40min	10h 50min	38h 40min	152h	/	/
 Distance	300m	233m	169m	100m	55m	20m	/	/
 Intensity	22,500cd	13,600cd	7,140cd	2,500cd	760cd	100cd	/	/
 Impact Resistance	1m							
 Waterproof	IP68, underwater 2m							

Notice: The abovementioned parameters (lab-tested by using two Fenix ARB-L18-3500 18650 rechargeable Li-ion batteries) may vary between flashlights, batteries and environment.

- Cree XHP70 LED, with lifespan of 50,000 hours
- Powered by two 18650 rechargeable Li-ion batteries
- 164.5mm Length x 48mm Head diameter x 43mm Body diameter
- 286 grams (excluding batteries)

- Max 3200 Lumens and 300m beam distance
- Innovative toggle switch for free switching between tactical, outdoor and lockout modes
- Micro USB rechargeable battery holder
- Instant off and lockout function effectively avoids accidental activation
- **Instant** strobe
- Battery level indication and low-voltage warning
- Digitally regulated output maintains constant brightness
- Reverse polarity protection to protect from improper battery insertion
- Made of durable **high-strength and oxidation-resistance aluminum**
- **Premium type HAIII hard-anodized anti-abrasive finish**
- Toughened ultra-clear glass lens with an anti-reflective coating

Operating Instruction

Switches

The big one is the tactical switch.

The small one is the functional switch.

The toggle switch is for mode switching.

Mode Switching

In any state, turn the toggle switch from left to right, to select between tactical, outdoor and lockout modes.

Tactical Mode

Tap the Tactical switch to momentarily turn on the light, release it the light will go out. Fully press the Tactical switch to constantly turn on the light, press once again to turn off the light.

With the light switched on, press and hold the Functional switch over 1 second to enter Strobe, press and hold the Functional switch again for 1 second to return to General mode.

In Tactical mode, only Turbo on General mode and Strobe on Flash mode are available.

Outdoor Mode

Tap the Tactical switch to momentarily turn on the light, release it the light will go out. Fully press the Tactical switch to constantly turn on the light, press once again to turn off the light.

With the light switched on, single click the Functional switch to cycle through Eco→Low→Med→High→Turbo. Press and hold the Functional switch over 1 second to enter Flash mode, press and hold the Functional switch again for 1 second to return to General mode.

In Flash mode, single click the Functional switch to cycle through Strobe→SOS.

Lockout Mode

In any state, turn the toggle switch to off mark, the light will go out and enter lockout status, then the Tactical and Functional switches don't work. For security, when Tactical switch is switched on, the battery level indicator on the Functional switch will be lit on to remind that Tactical switch is switched on, turn off the Tactical switch, the battery level indicator will go out.

Instant Strobe

With the light switched off, press the Functional switch to enter instant Strobe, release it the light will return to off status. With the light switched on instant Strobe, then simultaneously press the Tactical switch to constantly lock on Strobe mode.

Intelligent Memory Circuit

The light memorizes the last selected brightness level on Outdoor mode. When turned on again the previously used brightness level will be recalled. Strobe is factory defaulted each time the light is turned on Flash mode.

Boot-up Battery Level Indication

Each time the light is turned on, the battery level indicator will automatically display the battery status for 3 seconds.

Green constant on: saturated

Green flashes: sufficient

Red constant on: poor

Red flashes: critical

Note: This only works on rechargeable LI-ion 18650 battery.

Intelligent Protection

The light will accumulate a lot of heat when it is working at Turbo mode. When the light is overheated up to 65 °C or above, the flashlight will automatically step down a few lumens to reduce the temperature; when the temperature is lower than 65 °C, the output will gradually return to Turbo output level.

Low-voltage Warning

When the voltage level drops below the preset level with the light switched on, low voltage warning will be activated automatically, then the battery level indicator on the Functional switch will flash red to remind battery replacement or charging. The flashlight is programmed to step down automatically to a lower brightness level until Eco output is reached. To ensure normal use, the flashlight will not turn off until the battery level runs out or once the battery over-discharging protection activates.

Note: This only works on 18650 Li-ion battery.

Charging

The battery holder features charging function with a standard Micro USB port.

1. Take the battery holder out of the light, plug the USB port of the charging cable into any USB power supply. and plug the Micro USB side of the charging cable into the charging port of the battery holder.

2. The charging indicator will display red while charging, and will turn to solid green when fully charged.

Note: Avoid conductive object like coins, screws and keys when takes the battery holder out of the light, to protect from circuit damage caused by electrode short circuit.

Battery Specification

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L18 Series	18650	3.6V/3.7V	Recommended	√√
Rechargeable Battery (Li-ion)	18650	3.7V	Cautious*	!
Non-rechargeable Battery (Lithium)	CR123A	3V	Emergency**	!
Rechargeable Battery (Li-ion)	16340	3.7V	Banned	×

Warning: Do not mix batteries of different brands, sizes, capacities or types. Doing so may cause damage to the flashlight or the batteries being used.

*18650 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.

**For emergency situation, 4*CR123A batteries can be used, while it is prohibited to charge.

Battery Replacement

Unscrew the **head** to take out the battery holder, and then insert the batteries in accordance with the polarity marks. After loading the batteries into the holder, insert the holder with its convex top towards the **light tail**. Screw the **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.
- ©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:

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.

C: The battery protection board is in a protective state and unable to free from it.

Solution: Take out the battery holder and replace it, or replace the batteries.

If the above methods don't work, please contact your authorized distributor.

Included

1 x Spare O-ring, 1 x Lanyard , 1 x Holster, 1 x USB charging cable

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.