







Fenix™ TK45

Fenix TK45 utilizes the most advanced lighting technology to throw an amazing 760 lumens beam, which is much brighter than a 10W HID light, and comparable to a car headlight. This performance is exceptional in a middle sized flashlight, designed to meet the high brightness requirement for searching, caving and many other outdoor activities. With its outstanding performance and compact size compared to a traditional 2D flashlight, it is a perfect combination of high performance and comfortable use.

With four output levels, max 29 nights runtime and versatile flashing modes, TK45 meets most requirements for lighting, and makes a compelling flashlight for the outdoor adventurer, off-road trail, etc.

Technical Parameters

ANSI/FSC	General Mode				Flashing Mode		
	Turbo	High	Mid	Low	Strobe	SOS	Warning Flashing
 OUTPUT	760 LUMENS	312 LUMENS	95 LUMENS	8 LUMENS	760 LUMENS	95 LUMENS	95 LUMENS
 RUNTIME	2h	6h 30min	22h	232h			
 DISTANCE	200m						
 INTENSITY	10000cd						
 IMPACT RESISTANT	1m						
 WATERPROOF IPX- 8□underwater 2m							
ACCESSORIES	Lanyard and spare o-ring						

© Cree XP-G LED (R5) with a lifespan of 50,000 hours

© Uses eight 1.5V AA (Ni-MH, Alkaline) batteries

- ⊙ 202mm (Length) x 39.2mm (Diameter) x 56mm (light head)
- ⊙ 324-gram weight (excluding batteries)
- ⊙ Digitally regulated output maintains constant brightness
- ⊙ Reverse polarity protection guards against improper battery installation
- ⊙ Dual switch in the front, fast and simple operation
- ⊙ Made of durable aircraft-grade aluminum
- ⊙ Premium Type III hard-anodized anti-abrasive finish
- ⊙ Toughened ultra-clear glass lens with anti-reflective coating

Notice: The above-mentioned parameters (lab-tested with 2500mAh Lithium battery) are approximate and may vary between flashlights, batteries and environments.

Operation Instruction

The right button with a power source mark is a power switch button and the left button with a recycling symbol is a mode switch button.

A single press on the power switch can turn on/off the flashlight; press it twice rapidly can change between the general mode and the flashing mode.

With the flashlight on, a single press on the mode switch button allows mode selection;

In the general mode, a single press on the mode switch button allows switching between Turbo → Low → Mid → High → brightness levels;

In the flashing mode, a single press on the mode switch button allows switching between Strobe → SOS → Warning flashing;

TK45 memorizes the brightness level and the different flashing functions after working continually above 2 seconds except the mode. When turned off and then on, the flashlight automatically enters the general (non-flashing) mode.

Battery Specifications

Type	Dimensions	Nominal voltage	Usability	□
Ni-MH battery	AA	1.2V	Recommended	✓
Alkaline battery	AA	1.5V Usable	✓	
Rechargeable Battery (Li-ion)	14500	3.7V	Banned *	×
Rechargeable Battery (LifePO4)	14500	3.2V	Banned *	×

* Please do not use the banned batteries, or it will causes damages to the flashlight.

Warning: please do not mix o using batteries of other manufacture, capacity, size or type. Doing so will cause damages to the batteries or flashlights.

Battery Replacement

Unscrew the tail cap to take out the battery magazine (Eight AA batteries divided into four individual packs of two), insert the batteries with the negative terminal towards the spring. After loading the batteries into the magazine, insert the magazine with its top spring towards LED assembly; screw the tail cap to test.

Usage and Maintenance

◎ To avoid slow battery discharge; Unscrew the head of the flashlight a half turn if you don't use the flashlight for several days.

◎ Please don't disassemble the sealed head as doing so can cause damage to the flashlight and will void the warranty.

◎ To get the most from this TK45, Fenix recommends using high-performance Ni-MH rechargeable batteries. Alkaline batteries will reduce runtimes significantly.

◎ High-quality batteries are essential and must be removed when the flashlight will not be used for an extended period of time. As with other performance electronics, TK45 can be damaged by battery leakage and the potential for 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 TK45 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.

Product Warranty

We will replace products with documented 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.

Warranty Card Registration

We kindly suggest that you register your guarantee card on the official website of Fenixlight Limited. 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

TK45 is a high-intensity lighting device and capable of causing eye damage to the user or others so please avoid shining the light directly into anyone's eyes.

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