







Fenix TK30 White Laser Flashlight

TECHNICAL PARAMETERS

| ANSI/PLATO FL1 | High | Low | Strobe |
|---|---------------------------|----------------|------------|
|  Output | 500 lumens | 100 lumens | 500 lumens |
|  Runtime | 3 hours | 6 hours | / |
|  Distance | 1,200 meters | 600 meters | / |
|  Intensity | 363,866 candela | 89,600 candela | / |
|  Impact Resistance | 1 meter | | |
|  Waterproof | IP68, 2 meters underwater | | |

Note: The above specifications are the test results given by Fenix through its laboratory testing using the Fenix ARB-L21-5000U 21700 rechargeable Li-ion battery under the temperature of 21±3°C and humidity of 50% - 80%. The true performance of this product may vary according to different working environments and the actual battery used.

PRODUCT FEATURES

- White laser light with a max output of 500 lumens and beam distance of 1200 meters.
- A 5000mAh rechargeable 21700 Li-ion battery included.
- Tactical tail switch for instant activation.
- Functional side switch for output selection.
- Boot-up battery level indication, low-voltage warning, and intelligent memory circuit.
- Intelligent protection against high surface temperature.
- Reverse polarity protection, to protect from improper battery insertion.
- Made of durable A6061-T6 aluminum.
- Premium type HAIII hard-anodized anti-abrasive finish.
- 5.15 oz / 146 g (excluding battery).
- 6.22" x 1.26" x 1.02" / 158 x 32 x 26 mm.
- Laser Classification: Class IIIb / **Class 3B**

OPERATING INSTRUCTION

SWITCHES

The tail switch is the tactical switch, the side switch is the functional switch.

ON/OFF

When the light is off, tap the tail switch to momentarily turn on the light, release it the light will go out.

Fully press the tail switch to constantly turn on the light, press once again to turn off the light.

OUTPUT SELECTION

When the light is switched on, single click the functional side switch to cycle through Low→High.

STROBE

When the light is switched on, press and hold the functional switch for 0.8 seconds to enter strobe. Single click the functional side switch to turn back to the previously used output.

INTELLIGENT MEMORY CIRCUIT

The light memorizes the last selected output excluding strobe. When turned on again the previously used output will be recalled.

BATTERY LEVEL INDICATION

When the light is switched on, the battery level indicator inside the side switch will light up to display the battery status, the indicator will stay on for 3 seconds before it goes off.

Green light on: saturated

Green light flashes: sufficient

Red light on: poor

Red light flashes: critical

Note: This only works with Fenix ARB-L21 Series 21700 rechargeable Li-ion battery.

BATTERY SPECIFICATIONS

| Type | Dimensions | Nominal Voltage | Recommended |
|-----------------------------|------------|-----------------|----------------------|
| Rechargeable Li-ion Battery | 21700* | 3.6V | Fenix ARB-L21 Series |
| Rechargeable Li-ion Battery | 18650 | 3.6V | Fenix ARB-L18 Series |

Warning: The Fenix dedicated ALF-18 battery holder must be used together when using 18650 Li-ion batter.

*18650 and 21700 Li-ion batteries are powerful cells designed for commercial applications and must be treated with caution and handled with care. Only use 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 tail cap to insert the battery with the anode side (+) towards the light head, then screw the tail cap back on.

Low-voltage Warning

When the voltage level drops below the preset level, the flashlight is programmed to downshift to a lower brightness level until Low output is reached. When this happens in Low output mode, the indicator in the mid of the functional side switch will flash red to remind you to recharge or replace the battery. To ensure normal use, the flashlight will not turn off automatically and will work till the battery runs out completely.

Note: This only works with Fenix ARB-L21 Series 21700 rechargeable Li-ion battery.

Intelligent Protection

The light will accumulate a lot of heat when used on Turbo output level for extended periods. When the light reaches a temperature of 65°C or above, the light will automatically step down by a few lumens to reduce temperature. When the temperature is reduced, the output will gradually return.

USAGE AND MAINTENANCE

- Disassembling the sealed head can cause damage to the light and will void the warranty.
- Fenix recommends only using quality battery with proper built-in protections.
- If the light will not be used for an extended period, remove the battery, or the light could be damaged by electrolyte leakage or battery explosion.
- The included battery needs to be charged when it is near depletion. Please immediately charge the battery when it is depleted without concern of affecting the Li-ion battery. It has no memory effect.
- Unscrew the tail cap half a turn or take out the battery to prevent accidental activation during storage or transportation.
- Long-term use can result in O-ring wear. To maintain a proper water seal, replace the ring with an approved spare (included) when damaged.
- Periodic cleaning of the battery contacts improves the lamp's performance as dirty contacts may cause the lamp to flicker, shine intermittently or even fail to illuminate for the following reasons:

A: The battery needs replacing.

Solution: Replace battery (Ensure battery is 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.

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

INCLUDED

Fenix TK30 white laser flashlight, ARB-L21-5000U rechargeable Li-ion battery, USB Type-C charging cable, Lanyard, Holster, Spare O-ring, User manual, Warranty card

WARNING

- This flashlight is fitted with white laser light, and the emitted beam contains laser components (lower than 0.45W). Improper use may cause visual impairment or skin burns.
- Do not shine the flashlight directly into anyone's eyes to prevent visual impairment to the user or others.
- Do not stare at the facula for a long time at a close distance to prevent visual impairment.
- Do not illuminate the skin for a long time to prevent skin burns.
- Non-professional people are prohibited from disassembling this product.
- Keep the product in a safe place out of reach of children. Children are not allowed to use the product without supervision.