(ENGLISH)Fenix TK05R Flashlight

Technical Parameters

ANSI/ PLATO FL1	HIGH	MED	LOW	STROBE
☀ OUTPUT	1000 lumens	350 lumens	30 lumens	1000 lumens
🕐 RUNTIME	50 minutes*	1 hour 45 minutes	14 hours 30 minutes	/
◼ DISTANCE	450 meters	260 meters	75 meters	/
◎ INTENSITY	50600 candela	17000 candela	1450 candela	/
✓ IMPACT RESISTANCE	1 meter			
〰 SUBMERSIBLE	IP68			

Note: The above specifications are the test results produced by Fenix through its laboratory testing using the included Fenix ARB-L18-1100 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.

*The High output is measured in total of runtime including output at reduced levels due to the built-in temperature protection mechanism.

Warning

◎DO place this flashlight out of the reach of children!

◎Do NOT shine the flashlight directly into the eyes of anyone!

◎Do NOT place light head near flammable objects, high temperatures can cause objects to overheat and become flammable/ignite!

◎Do NOT use the flashlight in inappropriate ways such as holding the unit in your mouth, doing so could cause serious personal injury or death if the flashlight or internal battery fails!

◎This flashlight will accumulate a significant amount of heat while operating, resulting in a high

temperature of the flashlight shell. Pay close attention to avoid burns.

◎Loosen the tail cap or take out the battery to prevent accidental activation during storage or transportation.

◎The LED of this flashlight is not replaceable; so the whole flashlight will need to be replaced when the LED reaches the end of its lifespan.

Product features

◎1000 lumens maximum output, 450 meters maximum beam distance.
◎Uses one Osram CSLPM1.TG LED with a lifespan of 50,000 hours.
◎Powered by one Fenix ARB-L18-1100 rechargeable battery.
◎Inner waterproof USB Type-C charging port.
◎Instant strobe.
◎Dual tail switch for fast, single-handed operation.
◎Made of durable A6061-T6 aluminum.
◎Premium type HAIII hard-anodized anti-abrasive finish.
◎Size: 4.53"× 1.26"× 0.93"/115 × 32 × 23.5 mm.
◎Weight: 3.49 oz/99 g(excluding battery) ; 4.37 oz/124 g(including battery).

Operating Instructions

On/off

Tap the tactical switch to momentarily turn on the light, release it and the light will go out. Fully press the tactical switch to constantly turn on/off the light.

Output Selection

With the light switched on, single click the functional switch to cycle through Low→Med→High.

Strobe

With the light switched off, press the functional switch to enter strobe, release it the light will go out.

With the light switched on, press and hold the functional switch for 0.5 seconds to enter strobe, press the functional switch once again to recall the previously used output or fully press the tactical switch to turn the flashlight off.

Intelligent Memory Circuit

The flashlight automatically memorizes the last selected output excluding Strobe.

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
ARB-L18-1100	18350	3.6 V	Recommended	√√
ARB-L18-1100P	18350	3.6 V	Usable	√
Other types of Li-ion battery	18350	3.6 V	Usable	√
Other types of Li-ion battery	16340	3.6 V	Usable	√
Non-rechargeable Battery (Lithium)	CR123A	3.0 V	Banned	×

*18650 Li-ion batteries are powerful cells designed for commercial applications and must be treated with caution and handled with care. Only using quality batteries with circuit protection will reduce the potential for combustion or explosion. Cell abuse or short circuiting are considered user induced damage and are not covered by any Fenix warranty or liability.

Battery Replacement

Unscrew the light tail and insert the battery with the anode side (+) towards the light head, then screw the light tail back on.

Charging

1. Open the anti-dust cover to reveal the charging port, then connect the USB Type-C end of the charging cable to the flashlight.

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

3. Once charging is completed, be sure to unplug the charging cable and close the anti-dust cover.

Note:
1. When charging fails or the battery is inserted backward, the battery indicator will flash red to remind the user to check the battery.

2. The normal charging time of the flashlight is approximately 1.5 hours from depleted to fully charged. The flashlight cannot be operated while charging.

3. Recharge a stored light every four months to maintain the optimum performance of the battery.

4. If the battery level indicator blinks or fails to operate, please check out the battery. It is strictly prohibited to charge the flashlight while using a CR123A battery.

*Note: This feature only works with a Fenix ARB-L18-1100 battery, a Fenix ARB-L18-1100P battery, a Fenix ARB-L16-800UP battery, or a Fenix ARB-L16-700UP battery.

Battery level indication

Each time the light is turned on, the indicator will show   the current battery level and will last for 3 seconds.

Green light on: saturated 100% - 85%

Green light flashes: sufficient 85% - 50%

Red light on: poor 50% - 25%

Red light flashes: critical 25% - 1%

*Note: This feature only works with a Fenix ARB-L18-1100 battery, a Fenix ARB-L18-1100P battery, a Fenix ARB-L16-800UP battery, or a Fenix ARB-L16-700UP battery.

Intelligent Overheat Protection

The lamp will accumulate a lot of heat when used at high output levels for extended periods. When the light reaches a temperature of 55°C/131°F or above, the light will automatically step down a few lumens to reduce the temperature. When the temperature drops below 55°C/131°F, the light automatically recalls the previously used output level.

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, the battery level indicator blinks red to remind you to replace or recharge the battery.

*Note: This feature only works with a Fenix ARB-L18-1100 battery, a Fenix ARB-L18-1100P battery, a Fenix ARB-L16-800UP battery, or a Fenix ARB-L16-700UP battery.

Usage and Maintenance

◎Disassembling the sealed head can cause damage to the light and will void the warranty.

◎Fenix recommends using an excellent quality battery.

◎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.

◎Remove 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.

◎Periodic cleaning of the battery contacts improves the light's performance as dirty contacts may cause the light to flicker, shine intermittently or even fail to illuminate for the following reasons:

A: Poor battery level.

Solution: Replace or recharge the battery (Ensure the 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 TK05R flashlight, ARB-L18-1100 battery, USB Type-C charging cable, Lanyard, Holster, Spare O-ring, User manual, Warranty card