

(ENGLISH)Fenix TK35R Flashlight

Technical Parameters

ANSI/ PLATO FL1	Burst	High	Med	Low	Eco	Strobe	UV High	UV Low
 Output	5800 lumens	2000 lumens	800 lumens	350 lumens	30 lumens	3000 lumens	3 W	1.5 W
 Runtime	3 hours*	3 hours 15 minutes	4 hours	9 hours 20 minutes	105 hours	/	7 hours 30 minutes	14 hours 30 minutes
 Distance	610 meters	370 meters	230 meters	150 meters	30 meters	/	/	/
 Intensity	93000 candela	35000 candela	13300 candela	5800 candela	500 candela	/	/	/
 Impact Resistance	1 meter							
 Submersible	IP68							

Note: According to the ANSI/PLATO FL1 standard, the above specifications are from the results produced by Fenix through its laboratory testing using two Fenix ARB-L18-4000 batteries 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 batteries used.

*The Burst output is measured in total of runtime including output at reduced levels due to temperature or protection mechanism in the design.

Warning

- ⓈDo NOT shine the light directly into the eyes of anyone!
- ⓈDo NOT place this light in the reach of children!
- ⓈDo NOT place light head near flammable objects, high temperatures can cause objects to overheat and become flammable/ignite!
- ⓈDo NOT use the light in inappropriate ways such as holding the unit in your mouth, doing so could cause serious personal injury or death if the light or internal battery fails!
- ⓈThis light will accumulate a significant amount of heat while operating, resulting in a high temperature of the light shell. Pay close attention to avoid burns.
- ⓈTurn off and lock the light or remove the batteries to prevent accidental activation when the light is placed in a closed and flammable environment such as pockets and backpacks!
- ⓈThe LEDs of this light are not replaceable; so the whole light will need to be replaced when any one of the LEDs reaches the end of its lifespan.
- ⓈAlways wear certified UV protection goggles when using UV light!

Product features

- ⓈUtilizes four Luminus SFT25R LEDs and one Luminus SST08 UV LED.
- ⓈEquipped with a high-precision 365 nm UV LED for authenticating credentials, security codes, etc.
- Ⓢ5800 lumens maximum output, 610 meters maximum beam distance.
- ⓈSilent dual tactical switches at the light tail for instant burst and instant strobe.
- ⓈFlexisensa control toggle switch enables seamless switching among General mode, Lockout mode, and UV mode.
- ⓈLamp body is made of high-intensity aluminum alloy.
- ⓈPowered by two included Fenix ARB-L18-4000 batteries.
- ⓈLight tail features a USB Type-C charging port with a waterproof sliding port cover.
- ⓈBattery level indicator in the functional switch shows the current battery level.
- ⓈIntelligent overheat protection and low-voltage warning.
- ⓈSize: 6.06" x 1.69"/154 × 43 mm.
- ⓈWeight: 12.06 oz/342 g (including batteries).

Operating Instructions

Mode Switching

In any state, rotate the toggle switch to select the needed mode, rotate the toggle switch to the left end to enter the General mode, rotate the toggle switch to the right end to enter the UV mode, and to the middle to enter the Lockout/off mode.

On/off

With the light turned off and unlocked, tap the tactical switch to turn on the light silently, release it and the light will go out.

Fully press the tactical switch to constantly turn on the light, press again the light will go out.

Instant Burst

With the light turned off and unlocked, fully press the tactical switch for 0.5 seconds to enter the Burst output and maintain this output; single click the functional switch to shift to the Eco output or fully press the tactical switch to turn off the light.

Strobe Mode

With the light turned on, press and hold the functional switch for 0.5 seconds to enter the Strobe mode. Single click the functional switch or tap the tactical switch to recall the previously used output.

With the light turned off and unlocked, press the functional switch to enter the Strobe mode, release it and the light will go out.

Output Selection

General mode: with the light turned on, single click the functional switch to cycle through Eco→Low→Med→High→Burst.

UV mode: with the light turned on, single click the functional switch to select between UV high and UV low.

Lockout/off mode: with the light turned on, in any state, turn the toggle switch to Lockout/off mode to turn off and lock the light. Clicking or pressing the dual tail switches will not change the locked status.

Note:

Since UV light is generally invisible to the human eye, users may overlook its presence in bright environments. To prevent unnecessary loss or damage from accidentally leaving the UV light on, the battery level indicator in the functional switch will alternately flash red and green as a reminder when the UV light is activated.

Intelligent Memory Circuit

The light automatically memorizes the last selected output excluding Strobe.

When turned on again the previously used output will be recalled.

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L18-4000	18650	3.6 V	Recommended	
Fenix ARB-L18 Series	18650	3.6 V	Recommended	

*Do not use a 16340 or 21700 battery.

**Do not mix batteries of different brands, sizes, capacities, or types.

****18650** Li-ion batteries are powerful cells designed for commercial applications and must be treated with caution and handled with care. Using low-quality batteries or mishandling batteries (such as short-circuiting or overheating) could lead to combustion and jeopardize the safety of users and property. Any adverse effects resulting from the use of low-quality batteries are not covered by any Fenix warranty or liability. Using quality batteries with circuit protection will reduce the potential for combustion or explosion.

Battery Replacement

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

Charging

1. Slide the port cover on the light tail to reveal the charging port, then connect the USB Type-C end of the charging cable to the light.
2. The indicator will display red while charging and will turn green when fully charged.
3. When charging fails or the batteries are reversely connected, the battery level indicator will flash red or remain off to remind users to check the batteries.
4. The normal charging time is about 2 hours from depleted to fully charged with a 9 V/3 A charging adapter or about 4 hours from depleted to fully charged with a 5 V/2.4 A charging adapter.

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

Battery Level Indication

Each time the light is turned on, the indicator in the functional switch will indicate the battery level and will last for 3 seconds.

Green light on: 100% - 85%

Green light flashes: 85% - 50%

Red light on: 50% - 25%

Red light flashes(fast): 25% - 1%

*Note: This only works with a Fenix ARB-L18 Series 18650 rechargeable battery.

Low-voltage Warning

When the voltage level drops below the preset level, the flashlight is programmed to downshift to a lower brightness level until the lowest output is reached. When this happens in the lowest output, the battery level indicator blinks red

slowly to remind users to recharge or replace the battery in a timely manner. To ensure normal use, the light will not turn off automatically and will work till the battery level runs out or the battery protection is triggered. Turn off the flashlight will also stop the battery level indicator from flashing.

*Note: This only works with a Fenix ARB-L18 Series 18650 rechargeable battery.

Intelligent Overheat Protection

The light will accumulate a lot of heat when used at high output levels for extended periods. When the light reaches a temperature of 60°C/140°F or above, it will automatically step down a few lumens to reduce the temperature. When the temperature drops below 60°C/140°F, the light will gradually recall the preset output level.

Usage and Maintenance

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

ⓈFenix recommends using excellent quality batteries.

ⓈIf the light will not be used for an extended period, remove the batteries, or the light could be damaged by electrolyte leakage.

ⓈLock the light, unscrew the light body a few turns or take out the batteries 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 light and battery contacts improves the light's performance as dirty contacts may cause the lamp to flicker, shine intermittently or even fail to illuminate for the following reasons:

A: Poor battery level.

Solution: Recharge or replace the batteries.

B: The contact or contact point of the batteries or light is dirty.

Solution: Clean the contact points with a cotton swab soaked in rubbing alcohol.

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

INCLUDED

Fenix TK35R flashlight, 2 x ARB-L18-4000 batteries, USB Type-C charging cable, Holster, Lanyard, Spare O-ring, User manual, Warranty card