(ENGLISH)Fenix HT18R Flashlight

Technical Parameters

| ANSI/ PLATO FL1	Turbo	High	Med	Low	Strobe	SOS
⛭ **Output**	2800 lumens	1000 lumens	350 lumens	30 lumens	2600 lumens	150 lumens
🕐 **Runtime**	1 hour 40 minutes*	2 hours 15 minutes	6 hours 30 minutes	42 hours	/	40 hours
Distance	1100 meters	670 meters	400 meters	100 meters	/	200 meters
◎ **Intensity**	300000 candela	113000 candela	40000 candela	3000 candela	/	10000 candela
✔ **Impact Resistance**	1 meter					
〰 **Submersible**	IP68					

Note: The above specifications are from the results produced by Fenix through its laboratory testing using the Fenix ARB-L21-5000 V2.0 battery, under the temperature of 21±3℃ and humidity of 50% - 80%. The true performance of this product may vary according to different working environments and the actual battery used.

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

Range graph

Output:Lumens

——	2800LM
——	1000LM
——	350LM
– – – –	30LM

2800
1000
500
250
100

0 1h 2h 3h 4h 5h   8h   20h   40h   **Runtime:Hours**
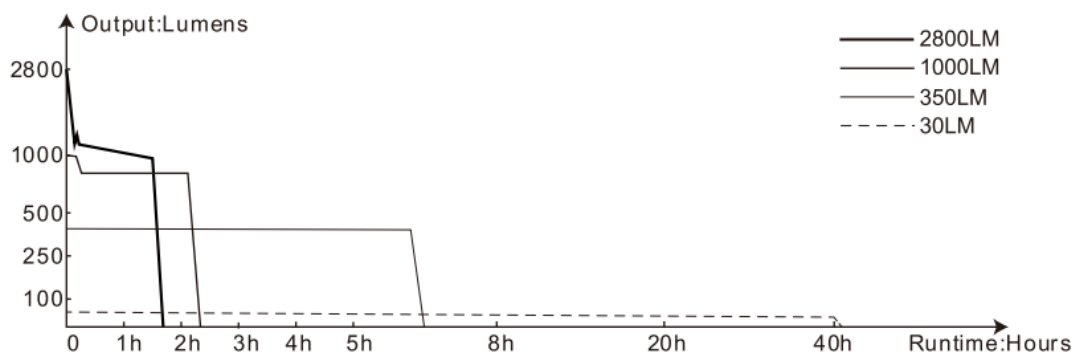
Warning

◎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 as 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. If the battery were to fail while doing so death or serious injury could result.

◎This flashlight will accumulate a lot of heat while operating, resulting in a high temperature of the flashlight outer case. Pay close attention to the thermal condition of the flashlight to avoid burns.

◎Remove the battery from the flashlight to prevent accidental activation when the flashlight is placed in a closed-in and flammable environment such as pockets and backpacks!

◎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

◎2800 lumens maximum output and 1100 meters maximum beam distance.

◎Utilizes one Luminus SFT70 LED with a lifespan of 50,000 hours.
◎Included a Fenix ARB-L21-5000 V2.0 rechargeable battery.

◎Inner waterproof USB Type-C charging port.
◎Included red and green filter adapters.

◎Instant strobe.

◎Dual tail switch for fast, single-handed operation.

◎Boot-up battery level indication and low-voltage warning.

◎Made of durable A6061-T6 aluminum.

◎Premium type HAIII hard-anodized anti-abrasive finish.

◎Size: 7.42'' x 2.68'' x 1.00''/188.5 × 68 × 25.4 mm.

◎Weight: 8.91 oz/252.7 g (excluding battery).

Operating Instructions

Switches

The round tail switch is the tactical switch for instant activation.

The oval tail switch is the functional switch for output selection and instant strobe.

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 flashlight.

Output Selection

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

With the light switched on, press and hold the functional switch to enter the strobe mode, single click the functional switch once again to cycle through Strobe→SOS.

Strobe

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

With the light switched on, press and hold the functional switch to enter the strobe mode.

Intelligent Memory Circuit

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

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB- L21-5000 V2.0	21700	3.6 V	Recommended	√√
Fenix ARB- L21-5000U	21700	3.6 V	Recommended	√√
Fenix ARB- L21-4000P	21700	3.6 V	Recommended	√√
Other types of Li-ion battery	21700	3.6 V	Caution*	!

*21700 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 tail cap and insert the battery with the anode side (+) towards the light head, then screw the tail cap back on.

Charging

1. Open the anti-dust cover to reveal the USB Type-C charging port and plug the USB-A socket of the charging cable into an an appropriate AC powered USB plug/outlet, then connect the USB Type-C socket 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 backwards, the battery level indicator will flash red to notify the user to check the battery condition.

2. The normal charging time of the flashlight is approximately 3.5 hours from depletion 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.

*Note: These features only works with a Fenix ARB-L21 series rechargeable battery.

Battery level indication

Each time the light is turned on, the indicator will indicate the 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-L21 series rechargeable 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 65°C/149°F or above, the light will automatically step down a few lumens to reduce the temperature. When the temperature drops below 65°C/149°F, the light automatically recalls the previously used output level.

Low-voltage Warning

When the voltage level drops below the preset level, the lamp 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-L21 series rechargeable 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 lamp'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: 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 HT18R flashlight, ARB-L21-5000 V2.0 battery, USB Type-C charging cable, Lanyard, Holster, Spare O-ring, Red light filter adapter, Green light filter adapter, User manual, Warranty card