

C7

**HIGH-
PERFORMANCE
RECHARGEABLE
FLASHLIGHT**



**3000 LUMENS MAXIMUM
OUTPUT**



**470 METERS MAXIMUM
BEAM DISTANCE**

[ENGLISH] FENIX C7 FLASHLIGHT

- 3000 lumens maximum output, 470 meters maximum beam distance
- A Luminus SST70 LED with a lifespan of 50,000 hours
- Included a 21700mAh rechargeable Li-ion battery
- On/off, output selection with the side switch
- USB Type-C rechargeable, 3 hours for full charging
- Magnetic base for hands-free use
- Battery level indication
- Made of durable 6061-T6 aluminum
- Premium-type HAIR hard-anodized anti-abrasive finish
- Size: 5.91" x 1.57" x 1.06" / 149 x 40 x 27 mm
- Weight: 6.07 oz / 172 g (including battery)

OPERATING INSTRUCTIONS

On/Off

- With the light switched off, press and hold the side switch for 0.5 seconds to enter general mode.
- With the light switched on, press and hold the side switch for 1.2 seconds to enter flash mode.
- With the light switched on, press and hold the side switch for 0.5 seconds to turn off the light.

Mode Switching

- With the light switched on, press and hold the side switch for 1.2 seconds to switch between general mode and flash mode.

Output Selection

- In general mode, single click the side switch to cycle through Strobe → Low → Med → High → Turbo.
- In flash mode, single click the side switch cycle through Strobe → SOS.

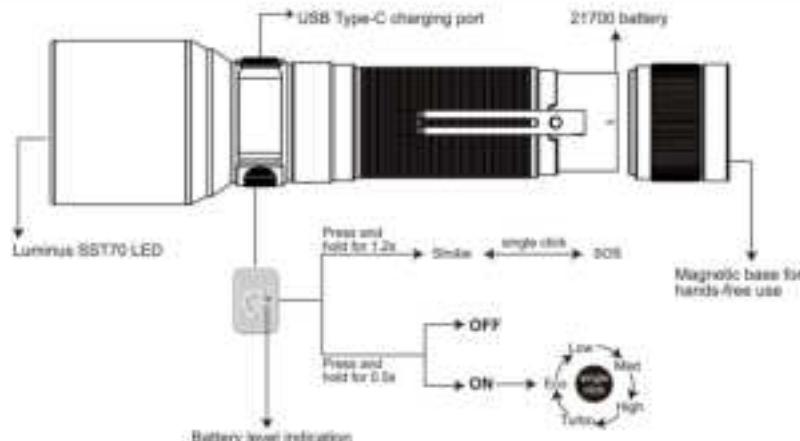
Intelligent Memory Circuit

- The light remembers the last selected output of general mode. When turned on again the previously used output will be restored. Each time the light will enter output when flash mode is activated.

Lock/Unlock

- With the light switched off, double click the switch within 0.5 seconds to lock the light, the light will blink twice on Eco to indicate locked status.

- With the light locked, double click the switch within 0.5 seconds, the light will be unlocked and activated on Eco.
- By long press, clicking or pressing the switch will activate 2 one-second blinks on Eco to indicate locked status.



TECHNICAL PARAMETERS

ANALOG PL1	GENERAL MODE					FLASH MODE	
	Turbo	High	Med	Low	Eco	Strobe	SOS
OUTPUT	3000 lumens	1400 lumens	400 lumens	100 lumens	30 lumens	3000 lumens	100 lumens
RUNTIME	1 hour*	2 hours	7 hours	20 hours	98 hours	-	-
DISTANCE	470 meters	300 meters	180 meters	80 meters	40 meters	-	-
INTENSITY	50000 candela	22000 candela	6000 candela	1500 candela	500 candela	-	-
IMPACT RESISTANCE	1 meter				90%		
SUBMERSIBLE							

Note: According to the ANALOG PLT standard, the above specifications are from the rechargeable Li-ion battery under the temperature of 23±2°C and humidity of 50% environment and the actual battery used.

*The Turbo output is measured by a beam of lumens including output at reduced levels due to temperature or protection mechanisms in the design.

BATTERY SPECIFICATIONS

Type	Dimensions	Nominal Voltage	Capacity
Fenix ARB-L21 Battery	21700	3.6V/3.7V	Recommended 4
Rechargeable Battery (Eco)	21700	3.6V/3.7V	Capacity 7

* 21700 Li-ion batteries are powerfully safe designed for commercial applications and must be handled with caution as mentioned with use. Only use quality batteries with over-charge protection will reduce the potential for over-charge or explosion, and will damage or short circuiting can potential risks to the user's equipment.

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

- Remove the USB Type-C charging port and plug the USB A socket of the charging cable into the light.
- The normal charging takes approximately 3 hours from depletion to full-charging with the light switched off. When charging, the flashlight can be normally used on Eco mode, but charging time will be prolonged.
- The indicator will display red while charging and will turn green when fully charged.
- Once charging is completed, be sure to replace the USB cap to maintain the waterproof and weatherproof joints.
- The charging port is 5V/2A. The external port mode (over-voltage protection) is used to charge the battery.
- Charge a new battery only for two months to better adapt to the battery performance.

BATTERY LEVEL INDICATION

With the light switched off, single double-clicks check the battery status, the indicator will last for 3 seconds.

Green light on: sufficient 100% - 80%.

Green light flashes: sufficient 80% - 50%.

Red light on: poor 50% - 35%.

Red light flashes: critical 35% - 1%.

Note: The only works with Fenix ARB-L21 3000 battery.

INTELLIGENT OVERHEAT PROTECTION

The light will automatically shut off when the temperature of the battery reaches 60°C or above, the light will automatically stop down a few lumens to reduce the temperature. When the temperature drops below 60°C, it will then allow the user for the resumption of the mode.

INTELLIGENT PROTECTION

Intelligent Downshift

When the voltage level drops below the preset level, the flashlight is programmed to downshift to a lower brightness level and Eco mode is reached.

Low-voltage Warning

When the voltage level is low, the light starts three times, five minutes to remind you to timely recharge or replace the battery.

Note: This only works with Fenix ARB-L21 3000 battery.

LIGHTING FOR EXTREMES



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WECHAT

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USAGE AND MAINTENANCE

- Disassembling the sealed head can cause damage to the light and will void the warranty.
- Fenix recommends using only a high-quality protected battery.
- If the light will not be used for an extended period, remove the battery for proper storage.
- Lock the light or 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, improve the light's performance as dirty contacts may cause the light to flicker, when intermittently or even fail to illuminate for the following reasons:
- A: Poor battery level.
- B: Corrosion or pitted point of the battery or flashlight is 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 C7 flashlight, ARB-L21 3000 rechargeable Li-ion battery, USB Type-C charging cable, lanyard, spare O-ring, User manual, Warranty card.

WARNING

- The flashlight is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the light directly into anyone's eyes.
- The flashlight will accumulate a lot of heat when used for extended periods, resulting in a high temperature of the flashlight shell. Pay attention to safety rules to avoid scalding.
- Do not stare or aimed at close range, to avoid burning the object or resulting danger due to high temperature.
- The LED of this flashlight is not designed to be replaceable, so the entire light should be replaced when the LED reaches the end of its life.
- Get any of the information provided in this manual is changed, the new version of the manual shall prevail. If your included user manual is an old one, it represents that we won't send a new manual.