



PD36R

USB TYPE-C RECHARGEABLE FLASHLIGHT



1600 Lumens



USB Type-C fast charging



Dual switch operation

(ENGLISH)Fenix PD36R Flashlight

- 1600 maximum lumens output and 283 meters beam distance.
- Powered by a High Capacity 21700 Rechargeable Li-Ion Battery (included)
- 4-hour fast charging with 5V/3A USB Type-C charging port.
- Instant power activation with momentary tactical tail switch.
- Simple output selection with side switch.
- Two-way body clip for different lighting demands.
- Boot-up battery level indication and low-voltage warning.
- Made of durable high-strength and oxidation-resistance aluminum.
- Premium type HAIII hard-anodized anti-abrasive finish.
- Toughened ultra-clear glass lens with an anti-reflective coating.
- Digitally regulated circuit for maintaining a stable output.
- Reverse polarity protection, to protect from improper battery insertion
- Body with anti-roll and anti-slip design.
- Size: 5.35" x 1.04" x 1.0" / 136 x 26.4 x 25.4 mm
- Weight: 3.0 oz / 85 g (excluding battery)

Operating Instruction

Switches

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

ON/OFF①

Tap

Slightly tap the tactical switch to momentarily turn on the light, release it the light will go out.

Fully press

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

Output Selection②

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

Strobe②

With the light switched on, press and hold the functional switch for 0.5 seconds to enter Strobe, click once again to return back to General mode.

Intelligent Memory Circuit

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

Battery Replacement③

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

Battery level indication

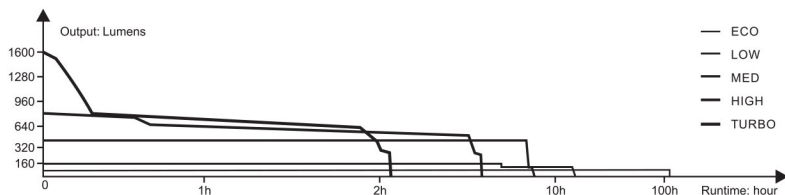
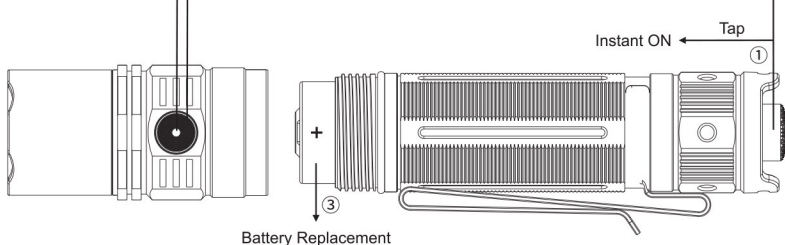
Green constant on: saturated

Green flashes: sufficient

Red constant on: poor

Red flashes: critical

Single click → Turbo → Low
Press and hold 0.5 seconds → Strobe → High → Med



Specifications						
ANSI/PLATO FL1	TURBO	HIGH	MED	LOW	ECO	STROBE
Output	1,600 Lumens	800 Lumens	350 Lumens	150 Lumens	30 Lumens	1,600 Lumens
Runtime	2 hour 50 minutes*	5 hour 49 minutes	8 hour 24 minutes	26 hour	115 hour	/
Distance	283 meters	197 meters	128 meters	82 meters	35 meters	/
Intensity	19,977 candela	9,636 candela	4,101 candela	1,681 candela	309 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-L21-5000 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 batteries used.

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

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L21 Series	21700	3.6V/3.7V	Recommended	✓/✓
Rechargeable Battery (Li-ion)	21700	3.6V/3.7V	Cautious*	!
Rechargeable Battery (Li-ion)	18650	3.6V/3.7V	Banned	✗

▲ Warning
1. Do not mix batteries of different brands, sizes, capacities or types. Doing so may cause damage to the flashlight or the batteries being used.
2. It's strictly prohibited to use rechargeable Li-ion battery without protection board.

*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.

Boot-up Battery Level Indication④

Each time the light is turned on, the battery level indicator in the middle of the switch will automatically display the battery status for 3 seconds.
Green constant on: 100% - 85%, saturated
Green flashes: 85% - 50%, sufficient
Red constant on: 50% - 25%, poor
Red flashes: 25% - 1%, critical
Note: This only works with Fenix ARB-L21-5000 21700 rechargeable Li-ion battery.

Intelligent Protection

Overheat protection

The light will accumulate a lot of heat when used on Turbo or High for

extended periods. When the light reaches a temperature of 50°C or above, the light will automatically step down a few lumens to reduce the temperature: the light will downshift until to 550 lumens if Turbo is being selected; the light will downshift until to 450 lumens if High is being selected.

Time-limited downshift

When the light is kept working on Turbo for over 15 minutes, the output will reduce to 900-550 lumens within 15 minutes.
Note: Tested according to laboratory cooling test conditions.

When High or Turbo is needed again, restart the light or directly cycle back if battery level allows.

Low-voltage Warning

When the voltage level drops below 3V, the flashlight is programmed to downshift to a lower brightness level until Eco output is reached. When this happens in Eco output mode, the battery level indicator blinks red to remind you to recharge or replace the battery so as not to shorten the life or damage the battery. To ensure normal use, the flashlight will work until the battery runs out or the protection circuit activates.
Note: This only works with Fenix ARB-L21-5000 21700 rechargeable Li-ion battery.

Charging⑤

- When charging is needed, remove the dust cover to reveal the charging port in the light neck, and connect the light to the power source with the included USB Type-C charging cable.
- The indicator in the middle of the switch will be on and display red to indicate charging status, when the indicator turns green, the charging is completed. The normal charging time of the included Fenix ARB-L21-5000 rechargeable Li-ion battery is about 4 hours.
- Once charging is completed, be sure to remove the charging cable and push the dust cover back to protect the charging port from dust and

LIGHTING FOR EXTREMES

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foreign objects.

- Recharge a stored light every four months to maintain optimal battery performance.
- The light can be turned on on lower outputs when it is in charging process, but the charging time will be prolonged by this act.

Usage and Maintenance

- Disassembling the sealed head can cause damage to the light and will void the warranty.
- Fenix recommends 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.
- Lithium battery needs to be charged when it is near depletion. Please immediately charge the battery when it is depleted. 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 light's performance as dirty contacts may cause the light 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

PD36R flashlight, Fenix ARB-L21-5000 rechargeable Li-ion battery, Two-way body clip, USB Type-C charging cable, Lanyard, Holster, Spare O-ring, User manual, Insulation sheet tag, Reminder tag, Warranty card, Information leaflet

▲ Warning

- This flashlight is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the flashlight directly into anyone's eyes.
- This flashlight will accumulate a lot of heat when used for extended periods, resulting in high temperature of the flashlight shell. Pay attention to safe use to avoid scalding.