







Fenix PD35R Flashlight

Technical Parameters

ANSI/PLATO FL1	Turbo	High	Med	Low	Eco	Strobe
 Output	1700 lumens	1000 lumens	350 lumens	50 lumens	10 lumens	1700 lumens
 Runtime	2 hours 15 minutes *	2 hours 55 minutes	4 hours 45 minutes	38 hours	100 hours	/
 Distance	353 meters	278 meters	163 meters	60 meters	26 meters	/
 Intensity	31200 candela	19300 candela	6680 candela	930 candela	170 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 an ARB-L18-3400 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 actual battery status.

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

Warning

- Do place this light out of the reach of children!
- Do NOT shine the light directly into the eyes of anyone!
- Do NOT shine flammable objects at close range, to avoid burning objects or causing danger due to high temperature!
- Do NOT use the light in inappropriate ways such as biting in the mouth, to avoid personal injury or life threats when the light or internal battery fails!
- This light will accumulate a lot of heat while working, resulting in a high temperature of the flashlight shell. Pay attention to safe use to avoid scalding.
- Turn off and lock the light or remove the battery from the light to prevent accidental activation when the light is placed in a closed and flammable environment such as pockets and backpacks!
- The LED of this flashlight is not replaceable; so the whole light should be replaced when the LED reaches the end of its life.

Product Features

- 1700 lumens maximum output, 353 meters maximum beam distance.
- Uses a Luminus SFT40 LED with a lifespan of 50,000 hours.
- Included a 3400mAh battery and is compatible with 2 x CR123A batteries.
- Instant activation and instant strobe with dual tail switches.
- USB Type-C charging port with inner waterproofing treatment.
- Boot-up battery level indication and low-voltage warning.
- Included a premium pocket clip and lanyard for convenient use.
- Made of durable A6061-T6 aluminum.
- Premium type HAIII hard-anodized anti-abrasive finish.
- Size: 5.35" x 1.00" x 0.91" / 136 x 25.4 x 23.2 mm.
- Weight: 4.94 oz / 140 g (including battery).

Operating Instruction

Switches

Main switch: for on/off and instant activation.

Auxiliary switch: for output selection and instant strobe.

On/off

Tap the main switch to silently and momentarily turn on the light, releasing the light will go out.

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

Output Selection

With the light switched on, single click the auxiliary switch to cycle through

Turbo→Eco→Low→Med→High.

Strobe

With the light switched on, press and hold the auxiliary switch for 0.5 seconds to enter strobe, and click the auxiliary switch once again to turn back to the general mode.

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

Intelligent Memory Circuit

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

Battery Specifications

Type	Dimension	Nominal Voltage	Usability	
Fenix ARB-L18 Series	18650	3.6V	Recommended	√√
Non-rechargeable Battery	CR123A	3V	Usable	√

(Lithium)			(No charging)	
Rechargeable Battery (Li-ion)	18650	3.6V	Caution*	□
Rechargeable Battery (Li-ion)	16340	3.6V	Banned	×
Rechargeable Battery (LiFePO4)	18650	3.2V	Banned	×

* 16340/18650 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.

** The Turbo mode can not be selected and the brightness of the Strobe mode only reaches 1000 lumens when CR123A batteries are used.

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. First switch off the light and plug the USB A socket of the charging cable into an electrical outlet, then connect the USB Type-C socket of the charging cable to the light.
2. The indicator will display red while charging, and will turn green when fully charged.
3. Once charging is completed, be sure to close the anti-dust cover to maintain the dustproof and waterproof ability.

Note:

1. The normal charging time of the included Fenix ARB-L18-3400 rechargeable battery is approximately 3 hours from depletion to full charging.
2. Recharge a stored light every four months to maintain optimum performance of the battery.
3. The light is unavailable while charging.

4. Charge the flashlight when it is turn on, the light will turn off immediately. After removing the charging cable, it will automatically recall the memorized lighting mode. For avoiding the risk, please turn it off before charging.

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 only works with Fenix ARB-L18 series rechargeable battery.

Intelligent Overheat Protection

The light will accumulate a lot of heat when used on High or Turbo modes for extended periods. When the light reaches a temperature of 60°C or above, the light will automatically step down a few lumens to reduce the temperature. When the temperature drops below 60°C, it will then allow the user the reselection of High or Turbo modes.

Low-voltage Warning

When the voltage level drops below the preset level, the flashlight is programmed to downshift to a lower brightness level until Eco output is reached. When this happens in Eco output mode, the light blinks 3 times every 5 minutes to remind you to timely recharge or replace the battery.

Note: This only works with Fenix ARB-L18 series rechargeable battery.

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.
- Unscrew the tail cap 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 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: Recharge or replace the battery.

B: The contact or contact 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 PD35R flashlight, ARB-L18-3400 battery, USB Type-C charging cable, Holster, Lanyard, Spare O-ring, User manual, Warranty card