Fenix PD25R Flashlight

Safe Use Warnings

- 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.

Technical Parameters

ANSI/ PLATO FL1	**General Mode**					**Strobe**
	Turbo	**High**	**Med**	**Low**	**Eco**	
Output	800* lumens	350 lumens	150 lumens	30 lumens	5 lumens	800 lumens

 **Runtime**	44min	1h 30min	2h 50mins	16h	70h	/
 **Distance**	250m	164m	107m	48m	19m	/
 **Intensity**	15530cd	6750cd	2860cd	580cd	90cd	/
 **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 a Fenix ARB-L16-700P rechargeable 16340 Li-ion power 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 battery used.

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

Product Features

- 800 lumens maximum output, 250 meters maximum beam distance.
- Luminus SST20 LED with a lifespan of 50,000 hours.
- Powered by a 16340 rechargeable Li-ion battery and compatible with a CR123A Lithium battery.
- Toughened ultra-clear glass lens with an anti-reflective coating.
- USB Type-C charging.
- Battery level indication and low voltage warning.
- Instant power activation with momentary tactical tail switch; simple output selection with side switch.
- Anti-roll and anti-slip body design; included two-position body clip.
- Reverse polarity protection, to protect from improper battery insertion.
- Made of durable A6061-T6 aluminum.
- Premium type HAIII hard-anodized anti-abrasive finish.
- Size: 3.62'' x 0.94'' x 0.94 / 92 x 24 x 24 mm.
- Weight: 2.75oz / 78 g (including battery).

Operating Instruction

On/off

The tail switch is the tactical switch and the side switch is the functional switch. Tap the tactical switch to momentarily turn on the light, release the light will go out.

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

Mode Switching

When the light is switched on, press and hold the functional switch for 0.5 seconds to enter strobe, single click again to turn back to general mode.

Output Selection

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

Intelligent Memory Circuit

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

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L16 Series	16340	3.6V	Recommended	√√
Non-rechargeable Battery (Lithium)	CR123A	3V	Usable(no charging)	√
Rechargeable Battery (Li-ion)	16340	3.6V/3.7V	Caution*	!

* 16340 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.

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. Switch off the light and loosen the light head to reveal the USB Type-C charging port 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 tighten the light head to maintain the dustproof and waterproof ability.

Note:

1. The normal charging time of the included Fenix ARB-L16-700P is approximately 2 hours from depletion to full charging.

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

3. The Eco output is available while charging (press and hold the functional switch for 0.5 seconds), but the charging time will be prolonged.

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-L16-700P 16340 rechargeable Li-ion battery.

Intelligent Overheat Protection

The light will accumulate a lot of heat when used at relatively high 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 to reselect the 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 Low output is reached. When this happens in Eco output mode, the battery level indicator blinks red to remind you to timely recharge or replace the battery.

Note: This only works with Fenix ARB-L16-700P 16340 rechargeable Li-ion 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 PD25R flashlight, Fenix ARB-L16-700P rechargeable Li-ion battery, USB Type-C charging cable, Lanyard, 2 x Spare O-rings, Two-position body clip, User manual, Warranty card