

Fenix PD22 Ultimate Edition Flashlight

Technical Parameters

The PD22 ultimate edition is a must-have for flasholics and lumen lovers. It features the latest Cree XP-L LED – the highest efficacy single-die LED on the market– and supports 16340 rechargeable Li-ion battery and CR123A lithium battery. The light boasts 510-lumen output with 130-meter beam distance.

Features

- Utilizes Cree XP-L V5 LED with a lifespan of 50,000 hours
- Uses one 16340 rechargeable Li-ion battery or 3V CR123A Lithium battery
- 90mm (Length) x 21.5mm (Diameter)
- 45-gram weight (excluding battery)
- Digitally regulated output - maintains constant brightness
- Reverse polarity protection, to protect from improper battery installation
- Over-heat protection to avoid high-temperature of the surface
- Anti-roll, slip-resistant body design
- Tactical tail cap switch with momentary-on function
- Side switch on the head
- Made of durable aircraft-grade aluminum
- Premium Type III hard-anodized anti-abrasive finish
- Toughened ultra-clear glass lens with anti-reflective coating

Battery Replacement

Unscrew the tail cap to insert the batteries with the anode side (+) toward the light's head, screw the tail cap back on.

ANSI/NEMA FL 1		General Mode				Strobe	SOS
		Turbo	High	Mid	Low		
OUTPUT	CR123A	400 Lumens	200 Lumens	60 Lumens	6 Lumens	400 Lumens	200 Lumens
	16340	510 Lumens	200 Lumens	60 Lumens	6 Lumens	510 Lumens	200 Lumens
RUNTIME	CR123A	1h 15min *	2h 20min	10h	100h	/	/
	16340	45min *	1h 50min	7h	50h	/	/
DISTANCE		130m (Max)					
INTENSITY		4225cd (Max)					
IMPACT RESISTANT		1m					
WATERPROOF		IPX-8, underwater 2m					
ACCESSORIES		Holster, body clip, lanyard, spare O-ring and AOD-S diffuser tip					

Notice: The above-mentioned parameters (lab-tested by Fenix using quality CR123A lithium battery and 16340 rechargeable Li-ion battery) are approximate and may vary between flashlights, batteries and environments.

*The flashlight will transfer into the High brightness level after working about 5 minutes in the Turbo. Therefore, the runtime of Turbo output is an accumulated time.

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Non-rechargeable Battery (Lithium)	CR123A	3V	Recommended	✓
Rechargeable Battery (Li-ion)	16340	3.6V/3.7V	Cautious*	!
Rechargeable Battery (LiFePO4)	16340	3.2V	Usable	✓

*16340 Li-ion batteries are powerful cells designed for commercial applications and must be treated with caution and handled with care. Quality batteries with circuit protection will reduce the potential risk for combustion or explosion but cell damage or short circuiting are potential risks the user assumes.

Intelligent Memory Circuit

The Fenix PD22UE memorizes the last brightness level used in the general mode, but it will not remember the strobe mode or SOS mode. The next time you turn the flashlight on, it will activate the last brightness level you selected.

Over-heat protection

PD22UE will accumulate a lot of heat when it is working in Turbo output. To avoid overheating, the flashlight will automatically transfer into the high brightness level after working in Turbo output for over 5 minutes. If the Turbo output is needed continually, just reset it again.

Operation

ON/OFF

Press the tail switch gently for momentary lighting or until it clicks to activate and lock the PD22UE. Press again to turn the light off.

Mode Selecting

With the light on, press the side switch to cycle through four different brightness levels from Turbo → Low → Medium → High.

Strobe Mode

Press the side switch and hold it for 1 second to enter into Strobe mode.

SOS Mode

Press the side switch and hold it for 3 seconds to enter into SOS mode.

When the flashlight is in strobe mode or SOS mode, a single press on the side switch will return the light to general lighting mode.

Usage and Maintenance

- Please don't disassemble the sealed head, doing so can cause damage to the flashlight and will void the warranty.
- We recommend the use of high quality battery. If the flashlight is not to be used for an extended period, remove the battery, or the flashlight could be damaged by electrolyte leakage or battery explosion.
- Unscrew the tail cap one-half turn or take out the battery to prevent accidental activation during storage or transport.
- The O-ring may be worn out after using for a long time. If this happens, please replace the O-ring with a new one to keep the flashlight properly sealed against water.
- Please clean the contacts of your light from time to time, especially if the light flickers or doesn't light up. There may be several reasons for a flickering or not working light:
Reason A: The battery needs replacing.
Solution: Replace the battery (Please confirm the correct orientation of positive and negative ends).
Reason B: The threads, PCB board contact or other contacts are dirty.

Solution: Clean the contact points with an alcohol soaked cotton swab.

If the above methods don't work, please refer to the warranty policy.

Product Warranty

We will replace products with manufacturing defects within 15 days of purchase and repair a light free of charge within 24 months of purchase if problems develop with normal use; if repair is required after 24 months from the date of purchase, we will charge for parts. The total repair fee is dictated by the cost of the replaced materials.

Product Registration

We kindly suggest that you register your product on the official website of Fenixlight Limited (www.fenixlight.com). You'll receive an extra six months of warranty coverage once you have successfully registered. By participating in an optional customer survey, you are entered in a drawing for free Fenix products.

Warning

PD22 is a high-intensity lighting device capable of causing eye damage. Avoid shining the light directly into anyone's eyes.

Available Accessories

Type	Model	Description	Note
Transparent diffuser tip	AOD-S		
Traffic wand	AOT-S		
Bike mount	ALB-10		
Belt clip	AB02		

Note: For full details about available accessories, please visit the Fenix website, click on Products followed by clicking through to the Accessories page.