







Fenix LD22 V2.0 Flashlight

Technical Parameters

ANSI/PLATO FL1		General Mode					Flash Mode	
		Turbo	High	Med	Low	Eco	Strobe	SOS
 Output	AA	/	350 lumens	100 lumens	30 lumens	2 lumens	350 lumens	100 lumens
	ARB-L14-1100U	800 lumens					800 lumens	100 lumens
 Runtime	AA	/	1 hour 15 minutes	5 hours 50 minutes	19 hours 45 minutes	190 hours	/	/
	ARB-L14-1100U	54 minutes*	1 hour 40 minutes	7 hours	22 hours 20 minutes	220 hours	/	/
 Distance		214 meters	142 meters	76 meters	43 meters	11 meters	/	/
 Intensity		11500 candela	5000 candela	1440 candela	460 candela	30 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 the included Fenix ARB-L14-1100U rechargeable battery pack and two Pairdeer AA Alkaline batteries 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 output is 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 and 214 meters maximum beam distance.
- Uses a Luminus LED with a lifespan of 50,000 hours.
- Included a 1100mAh battery (with Type-C port), compatible with 2 x AA and 14500 batteries.
- Instant activation with the tactical tail switch; output selection with the functional side switch.
- Detachable two-position body clip for varying conditions.
- Reverse polarity protection, to protect from improper battery insertion.
- Digitally regulated circuit for maintaining a stable output.
- Made of durable A6061-T6 aluminum.
- Premium type HAIII hard-anodized anti-abrasive finish.
- Size: 5.83" x 0.85" x 0.71" / 148 x 21.5 x 18 mm.
- Weight: 3.39 oz / 96 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.

Output Selection

With the light switch on, single click the functional switch to cycle through Eco →Low→Med →High→Turbo. (Turbo can not be activated if uses AA battery)

Flash Mode

With the light switched on, press and hold the functional switch for 0.5 seconds to enter flash mode, single click again to cycle through Strobe→SOS. Press and hold the functional switch again for 0.5 seconds to turn back to the previously used 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 Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L14-1100U*	14*100	3.6V	Recommended	✓✓
NiMH Battery	AA	1.2V	Recommended	✓✓
Alkaline Battery	AA	1.5V	Usable	✓

* ARB-L14-1100U can be directly charged with the USB Type-C charging cable.

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 tail to take out the ARB-L14-1100U 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 battery.
2. The indicator will display red while charging and will turn blue when fully charged.
3. Once charging is completed, be sure to insert the battery with the anode side (+) towards the light head.

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 3V, the flashlight is programmed to downshift to a lower brightness level until Eco output is reached. When the voltage level is detected lower than 3V in Eco output, then the flashlight blinks 3 times every 5 minutes to remind you to timely recharge or replace the battery. To ensure normal use, the flashlight will not turn off automatically and will work till the battery level runs out.

Note: This only works with Fenix ARB-L14-1100U rechargeable Li-ion battery and other usable Li-ion batteries.

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 LD22 V2.0 flashlight, Fenix ARB-L14-1100U rechargeable Li-ion battery pack, 2 x Pairdeer AA Alkaline batteries, USB Type-C charging cable, Lanyard, Holster, Spare O-ring, User manual, Warranty card

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.