







(ENGLISH)Fenix PD35R ACE Flashlight

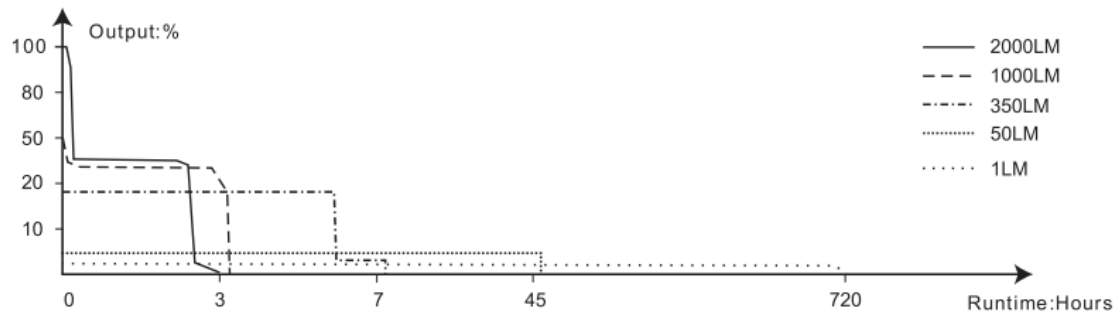
Technical Parameters

ANSI/PLATO FL1	Turbo	High	Med	Low	Eco	Strobe	SOS
 Output	2000 lumens	1000 lumens	350 lumens	50 lumens	1 lumen	2000 lumens	50 lumens
 Runtime	2 hours 50 minutes*	3 hours 20 minutes	7 hours 16 minutes	45 hours 24 minutes	720 hours	/	/
 Distance	380 meters	252 meters	147 meters	57 meters	8 meters	/	/
 Intensity	33872 candela	15964 candela	5456 candela	829 candela	18 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 one Fenix ARB-L18-4000 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 output is measured in total of runtime including output at reduced levels due to

temperature or protection mechanism in the design.



Warning

©Do NOT place this light in the reach of children!

©Do NOT shine the light directly into the eyes of anyone!

©Do NOT place light head near flammable objects, high temperatures can cause objects to overheat and become flammable/ignite!

©Do NOT use the light in inappropriate ways such as holding the unit in your mouth, doing so could cause serious personal injury or death if the flashlight or internal battery fails!

©This light will accumulate a significant amount of heat while operating, resulting in a high temperature of the flashlight shell. Pay close attention to avoid burns.

©Unscrew the light tail a few turns or take out the battery to prevent accidental activation during storage or transportation.

©The LED of this light is not replaceable; so the whole light will need to be replaced when the LED reaches the end of its lifespan.

Product Features

©Innovative SET mode and customizable Strobe design match lighting needs on different

occasions.

©2000 lumens maximum output and 380 meters maximum beam distance.

©Utilizes one Luminus SFT40 LED with a lifespan of 50,000 hours.

©Powered by a Fenix ARB-L18-4000 battery and compatible with two CR123A batteries.

©Hidden USB Type-C charging port in the light neck for convenient charging.

©Anti-roll and anti-slip body design.

©Included body clip for versatile attachment.

©Digitally regulated circuit for maintaining a stable output.

©Reverse polarity protection, to protect from improper battery insertion.

©Toughened ultra-clear glass lens with an anti-reflective coating.

©Size: 5.53" x 1.04" x 0.93"/140.5 x 26.5 x 23.6 mm.

©Weight: 5.11 oz/145 g (including battery).

Operating Instructions

On/off

Tap the tactical switch to turn on the light momentarily, release it and the light will go out.

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

Output Selection

With the light turned on, single click the neck-mounted switch to cycle through Eco→Low→Med→High→Turbo.

SET mode adjustment

The SET mode is built-in with three lighting options, which can be selected based on different lighting demands.

1. Loosen the light neck to reveal the hidden SET switch.
2. With the light turned on, single click the SET switch to cycle through Option 1(1 output)→Option 2(3 outputs)→Option 3(5 outputs). When users turn on the flashlight for the first time, Option 3 will be selected by default.
3. When a lighting option is selected, its corresponding indicator will display green for 3 seconds to confirm the selection. The corresponding numbers indicate the currently available output amounts for each option.
4. After the option selection is completed, single click the neck-mounted switch to select the needed output. The output settings of all three options are listed below:

Mode	Eco	Low	Med	High	Turbo	Strobe		SOS
Output	1 lm	50 lm	350 lm	1000 lm	2000 lm	2000 lm		50 lm
Option 1					√	On	Off	
Option 2		√	√		√			
Option 3	√	√	√	√	√			√

Note:

1. When utilizing two CR123A batteries, the flashlight's Turbo mode provides a brightness level of 1000 lumens, and the flashlight's Strobe mode also provides a brightness level of 1000 lumens.
2. The customizable Strobe mode can be turned on or off independently by users. It is turned on in all options by default.
3. The output amounts for each lighting option do not include Strobe and SOS.

SOS & Strobe Modes

1. With the light turned on, press and hold the neck-mounted switch for 0.5 seconds to enter the Strobe mode, single click it once again to switch to the SOS mode. Press and hold the neck-mounted switch again for 0.5 seconds to recall the previously used lighting option and brightness level.
2. With the light turned on, press and hold the SET switch for 1.2 seconds to turn on/off the Strobe mode in all options. The flashlight will blink twice to confirm the selection.

Note:

Only Option 3 features the SOS mode. After turning off the Strobe mode, press and hold the neck-mounted switch for 0.5 seconds to enter the SOS mode.

Intelligent Memory Circuit

The light automatically memorizes the last selected lighting option and brightness level excluding Strobe and SOS.

Battery Specifications

Type	Dimensions	Nominal voltage	Usability	
Fenix ARB-L18 Series	18650	3.6 V	Recommended	✓✓
Non-rechargeable Battery (Li-ion)	CR123A	3.0 V	Usable(no charging)	✓
Rechargeable Battery (Li-ion)	18650	3.6 V	Caution*	!
Rechargeable Battery (Li-ion)	16340	3.6 V	Banned	×
Rechargeable Battery (LiFePO4)	18650	3.2 V	Banned	×

*18650 Li-ion batteries are powerful cells designed for commercial applications and must be treated with caution and handled with care. Using low-quality batteries or mishandling batteries (such as short-circuiting or overheating) could lead to combustion and jeopardize the safety of users and property. Any adverse effects resulting from the use of low-quality batteries are not covered by any Fenix warranty or liability. Using quality batteries with circuit protection will reduce the potential for combustion or explosion.

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. Loosen the light neck to reveal the USB Type-C charging port, then connect the USB Type-C end 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 unplug the charging cable and tighten the light neck to ensure normal use.

Note:

1. The normal charging time of the included Fenix ARB-L18-4000 battery is approximately 3 hours from depleted to fully charged with a 5 V/3 A charging adapter.
2. Recharge a stored light every four months to maintain the optimum performance of the battery.
3. Press and hold the neck-mounted switch for 0.5 seconds to turn on/off the light while charging. During charging, the tail switch will not respond to any operation.
4. After turning off the light with the neck-mounted switch, if the tail switch is in fully pressed state while unplugging the charging cable, the light will light up automatically and recall the previously used brightness level.

Battery Level Indication

Each time the light is turned on, the indicator will show the current 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 feature only works with a Fenix ARB-L18 Series battery.

Intelligent Overheat Protection

The light will accumulate a lot of heat when used at high output levels for extended periods. When the light reaches a temperature of 60°C/140°F or above, it will automatically step down a few lumens to reduce the temperature. When the temperature drops below 60°C/140°F, the light will gradually recall the preset output level.

Low-voltage Warning

When the voltage level drops below the preset level, the light is programmed to downshift to a lower brightness level until Eco output is reached. When this happens in Eco output, the battery level indicator blinks red to remind users to replace or recharge the battery in a timely manner.

*Note: This feature only works with a Fenix ARB-L18 Series battery.

Usage and Maintenance

©Disassembling the sealed head can cause damage to the light and will void the warranty.

©Fenix recommends using an excellent quality battery.

©If the light will not be used for an extended period, remove the battery, or the light could be damaged by electrolyte leakage.

©Unscrew the light tail a few turns or remove the battery to prevent accidental activation when the light is placed in a closed and flammable environment such as pockets and backpacks!

©Long-term use can result in O-ring wear. To maintain a proper water seal, replace the O-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: Replace or recharge the battery (Ensure the battery is inserted according to the manufacturer's specifications).

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 ACE flashlight, ARB-L18-4000 battery, USB Type-C charging cable, Holster, Lanyard, 2X Spare O-ring, User manual, Warranty card