







(English)Fenix WF25RM Flashlight

Technical Parameters

ANSI/ PLATO FL1	White light					UV light
	Burst	High	Med	Low	Eco	
 Output	3000 lumens	1000 lumens	400 lumens	150 lumens	30 lumens	500mW
 Runtime	1 hour 50 minutes*	3 hours 10 minutes	7 hours 30 minutes	22 hours 20 minutes	77 hours	/
 Distance	370 meters	210 meters	130 meters	80 meters	30 meters	/
 Max Intensity	34225 candela	11025 candel a	4225 candela	1600 candela	225 candela	/
 Impact Resistance	1 meter					
 Submersibl e	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 ARB-L21-5000U 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 Burst 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 light or internal battery fails!

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

ⓄTake out the battery to prevent accidental activation during storage or transportation.

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

Product features

Ⓞ3000 lumens maximum output, 370 meters maximum beam distance.

ⓄUtilizes one Luminus SST70 LED with a lifespan of 50,000 hours.

ⓄIncluded is a Fenix ARB-L21-5000U battery.

ⓄMagnetic charging cradle, can be separated with the magnetic charging cable.

ⓄThe magnetic charging cradle can be fixed on the desk/wall by two screws.

ⓄLong press the neck-mounted switch to enter Burst.

Ⓞ365nm UV light for non-destructive testing and leak testing.

ⓄProximity downshift safety function to avoid danger caused by high temperature.

ⓄBoot-up battery level indication and low-voltage warning.

ⓄMade of durable A6061-T6 aluminum alloy material.

ⓄPremium type HAIII hard-anodized anti-abrasive finish.

ⓄFlashlight size: 7.17" x 1.57" x 1.57"/182 x 40 x 40 mm.

ⓄCharging cradle size: 3.02" x 1.72" x 1.85"/76.7 x 43.7 x 47 mm.

ⓄWeight: 8.80 oz/249.5 g (including battery).

Operating Instructions

With the light turned off, press and hold the switch for 0.5 seconds to turn on the White light. Single click the switch to cycle through Eco→Low→Med→High. Press and hold the switch for 0.5 seconds again to turn off the White light.

With the light turned off, double click the switch within 0.5 seconds to turn on the the UV light. Single click the switch again to turn off the UV light.

Press and hold the switch for 1.2 seconds to enter Burst, release it and the light will return to the previous status.

Intelligent Memory Circuit

The flashlight automatically memorizes the last selected output, excluding Burst and UV light. When turned on again the previously used output will be recalled.

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L21-5000 V2.0	21700	3.6 V	Recommended	W
Fenix ARB-L21-4000P	21700	3.6 V	Recommended	W
Fenix ARB-L21-5000U	21700	3.6 V	Recommended	W

*It is strictly prohibited to use an 18650, a CR123A, or a 16340 battery.

*21700 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 to insert the battery with the anode side (+) towards the light head, then screw the light tail back on.

Charging

1. Plug the USB A socket of the magnetic charging cable into an electrical outlet, then connect the charging port of the flashlight to the magnetic charging port in the cradle.
2. The indicator will display red while charging, and will turn green when fully charged.

Note:

1. The normal charging time of the included Fenix ARB-L21-5000U battery is approximately 2 hours 45 minutes from depleted to fully charged when the charging input is 5V/3A and above.
2. Recharge a stored light every four months to maintain optimum performance of the battery.

Battery Level Indication

With the light turned off, single click the switch to check the current battery level and the indicator will last for 3 seconds. 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 only works with a Fenix ARB-L21 Series 21700 rechargeable battery.

UV Light Indication

Due to the invisibility of UV light, the indicator will continuously and alternately blink red and green to indicate that the UV light output is selected. When the UV light output is selected and the voltage level drops below the preset level, the indicator will blink red to prioritize the low voltage warning.

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.

Proximity Downshift Safety Function

When the light head is close to an illuminated object (<1 cm), the flashlight will automatically downshift the brightness level to Eco output to avoid burns caused by high temperature. This function applies to all outputs except the UV light output.

Unscrew the tail cap, then long press the switch while screwing the tail cap back. The light will blink white three times, indicating that this function is temporarily disabled. Re-inserting a battery or charging the flashlight will re-enable this function.

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 indicator blinks red to remind users to recharge or replace the battery.

*Note: This only works with a Fenix ARB-L21 Series 21700 rechargeable 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 or battery explosion.

©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: Replace or recharge the battery.

B: The threads, PCB board contact or other contacts are 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 WF25RM flashlight, ARB-L21-5000U battery, Charging cradle, Magnetic charging cable, Spare O-ring, User manual, Warranty card