

(English)Fenix SW06R Light

Technical Parameters

ANSI/PLATO FL1	White light mode				Red/blue light mode			UV light mode
	High	Med	Low	Eco	Red constant-on	Red flash	Red & blue flash	UV light
 OUTPUT	500 lumens	150 lumens	30 lumens	5 lumens	10 lumens	5 lumens	5 lumens	1500mW
 RUNTIME	2 hours 15 minutes*	5 hours 5 minutes	23 hours 50 minutes	63 hours 35 minutes	27 hours 25 minutes	38 hours 15 minutes**	35 hours**	2 hours 45 minutes*
 DISTANCE	100 meters	48 meters	21 meters	8 meters	4 meters	/	/	/
 INTENSITY	2550 candela	590 candela	115 candela	17 candela	5 candela	/	/	/
 IMPACT RESISTANCE	1 meter							
 WATERPROOF	IP66							

Note: According to the ANSI/PLATO FL1 standard, the above specifications are from the results produced by Fenix through its laboratory testing using one built-in 1300mAh 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 environment.

*The High and UV outputs are measured in total of runtime including output at reduced levels due to temperature or protection mechanism in the design.

**The test standard for Red & blue flash and Red flash outputs is measured until the light goes off.

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!
- ©Turn off the light to prevent accidental activation when the light is placed in a closed and flammable environment such as pockets and backpacks!
- ©The LEDs of this light are not replaceable; so the whole light will need to be replaced when any one of the LEDs reaches the end of its lifespan.

Product features

- ©500 lumens maximum output, 100 meters maximum beam distance.
- ©Utilizes multiple high-performance LEDs, with a lifespan of 50,000 hours each.
- ©Features white, UV, red, and blue light sources for versatile use.
- ©Fitted with a 365nm UV LED for document verification, fluorescence detection, and more.
- ©200° adjustable head and two-way body clip for 360° precision directional lighting.
- ©Powered by a built-in 1300mAh battery.
- ©Inner waterproof USB Type-C charging port for convenient charging.
- ©Magnetic tail for hands-free use.
- ©Dual side switches for on/off function, output selection, and mode switching.
- ©Size: 3.89" x 1.54" x 0.81"/98.8 x 39 x 20.6 mm.
- ©Weight: 3.10 oz/88 g (including battery).

Operating Instructions

On/off

1. With the light turned off, long press the main switch for 0.5 seconds to turn on the light or double click the main switch to enter the Red/blue light mode.
2. With the light turned on, long press the main switch for 0.5 seconds to turn off the light.

Output Selection

1. In White light mode, single click the main switch to cycle through Eco→Low→Med→High.
2. In Red/blue light mode, single click the main switch to cycle through Red constant-on→Red flash→Red & blue flash.

*The UV light mode features a fixed output level and cannot be adjusted.

Mode Switching

With the light turned on, single click the mode switch to cycle through White light mode→Red/blue light mode→UV light mode.

Intelligent Memory Circuit

1. The light automatically memorizes the last selected mode. When turned on again, the last selected mode will be recalled.
2. When turned on again in White light mode, the last selected output will be recalled.
3. The light defaults to Red constant-on when turned on in Red/blue light mode.

Charging

1. Turn off the light and 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.
4. Charging voltage: 5 V
5. Max charging power: 5 W

Note:

1. The normal charging time is about 2 hours from depleted to fully charged with a 5 V/1 A charging adapter.
2. Recharge a stored light every four months to maintain optimum performance of the battery.
3. All outputs can be activated while charging, but the actual brightness may vary depending on the charging status and battery level.
4. Only use a certified USB charging adapter that complies with local safety standards.

Battery Level Indication

Each time the light is turned on, the indicator in the main switch will show the current battery level and will last for 3 seconds. With the light turned off, single click the main light switch to check the battery status, the indicator 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%

Low-Voltage Warning

When the voltage level drops below 3 V, 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 recharge the battery in a timely manner. To ensure normal use, the light will not turn off automatically and will work till the battery runs out.

Usage and Maintenance

©Fully charge the light in time to ensure normal function the next time it is needed.

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

©The light may flicker, shine intermittently or even fail to illuminate due to the following reason:

A: Poor battery level.

Solution: Recharge the battery.

If the above method doesn't work, please contact the distributor.

Included

Fenix SW06R light, USB Type-C charging cable, User manual, Warranty card