



# SW05R-UV

MULTIPURPOSE  
CLIP-ON LIGHT



150 LUMENS MAX OUTPUT



39 METERS MAX BEAM  
DISTANCE

## 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 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 should be replaced when any of the LEDs reaches the end of its lifespan.

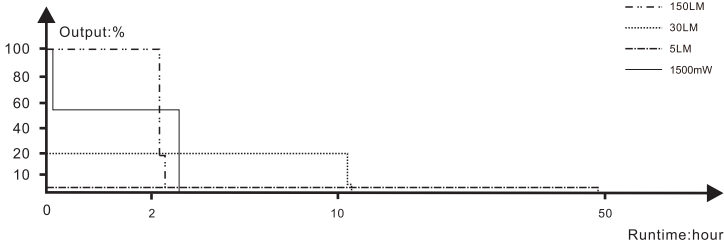
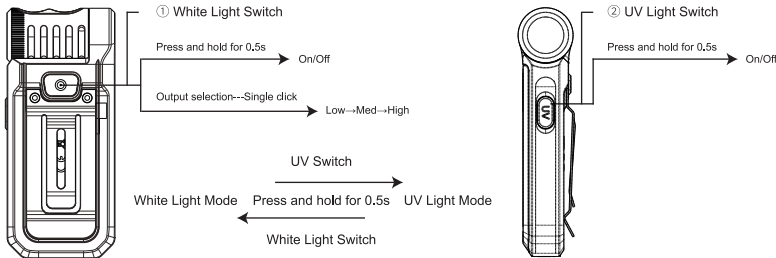
## (ENGLISH)FENIX SW05R-JV FLASHLIGHT

- 150 lumens maximum output, 39 meters maximum beam distance.
- Utilizes one high-performance white light LED and one 365nm UV LED; with a lifespan of 50,000 hours each.
- White and UV light sources for various lighting demands.
- Utilizes a 365nm UV light source.
- Power by a built-in 700mAh battery.
- Inner waterproof USB Type-C charging port for convenient charging.
- 200° adjustable light head angle meets the lighting needs from various directions.
- Thin and thick dual clip combined design allows for secure attachment to hat brim, pocket, or other places.
- Magnetic tail for hands-free use.
- Front white light switch and side UV light switch for on/off function, output selection and mode switching.
- Size: 3.20" x 1.38" x 0.71"/81.2 x 35 x 18 mm.
- Weight: 1.94 oz/55 g (including battery).

## OPERATING INSTRUCTIONS

**On/off**  
With the light switched off, press and hold the white light switch or the UV light switch for 0.5 seconds to turn on the light.  
With the white light switched on, press and hold the white light switch for 0.5 seconds to turn off the light.  
With the UV light switched on, press and hold the UV light switch for 0.5 seconds to turn off the light.

**Output Selection**  
With the white light switched on, single click the white light switch to cycle through Low→Med→High.



## TECHNICAL PARAMETER

| ANSI/PLATO FL1    | HIGH               | MED                 | LOW        | UV LIGHT            |
|-------------------|--------------------|---------------------|------------|---------------------|
| OUTPUT            | 150 lumens         | 30 lumens           | 5 lumens   | 1500mW              |
| RUNTIME           | 2 hours 32 minutes | 12 hours 17 minutes | 49 hours   | 3 hours 14 minutes* |
| DISTANCE          | 39 meters          | 17 meters           | 7 meters   | /                   |
| INTENSITY         | 383 candela        | 73 candela          | 12 candela | /                   |
| IMPACT RESISTANCE | 1 meter            |                     |            |                     |
| WATERPROOF        | IPX6               |                     |            |                     |

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 700mAh 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.  
\*The UV output is measured in total of runtime including output at reduced levels due to temperature or protection mechanism in the design.

## Mode Switching

With the white light switched on, press and hold the UV light switch for 0.5 seconds to switch to the UV light. With the UV light switched on, press and hold the white light switch for 0.5 seconds to switch to the previously used output of the white light.

## Intelligent Memory Circuit

The light memorizes the last selected output of white light. When the white light is switched on again the previously selected output will be recalled.

## CHARGING

- Turn off the light and connect the USB Type-C socket of the charging cable to the light.
- The indicator will display red while charging and will turn green when fully charged.
- Once charging is completed, be sure to unplug the charging cable to ensure the normal use of the light.

## Note:

- The normal charging time of the included battery is about 2 hours from depleted to fully charged with a 5 V/500mA charging adapter.
- Recharge a stored light every four months to maintain optimum performance of the battery.
- The light can be operated while charging, but the actual brightness levels may vary depending on the charging status and battery level.

## BATTERY LEVEL INDICATION

Each time the light is switched on, the indicator in the white light switch will show the current battery level and will last for 3 seconds. With the light switched off, single click the white 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 3.2 V, the light is programmed to downshift to a lower brightness level until Low output is reached. When this happens in Low output, the battery level indicator blinks red to remind you to recharge the battery and will continue to do so until the battery runs out.

## LIGHTING FOR EXTREMES



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## 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 SW05R-JV flashlight, USB Type-C charging cable, User manual, Warranty card