

(English)Fenix E06R Pro Flashlight

Technical Parameters

	ANSI/NEM A FL1	High	Med	Low	Eco	Moonlight
General Mode (Spotlight)	 Output	1000 lumens	350 lumens	150 lumens	30 lumens	5 lumens
	 Runtime	2 hours 15 minutes	2 hours 30 minutes	4 hours 30 minutes	24 hours	104 hours
	 Distance	153 meters	90 meters	61 meters	26 meters	11 meters
	 Intensity	5866 candela	2067 candela	936 candela	171 candela	31 candela
	 Output	750 lumens	350 lumens	150 lumens	30 lumens	5 lumens
General Mode (Floodlight)	 Runtime	2 hours 20 minutes	3 hours 12 minutes	4 hours 35 minutes	24 hours 30 minutes	111 hours
	 Distance	60 meters	40 meters	26 meters	11 meters	5 meters
	 Intensity	914 candela	412 candela	178 candela	33 candela	6 candela
	 Output	1 lumen	1 lumen	1 lumen	0.5 lumens	0.5 lumens
Scene Mode	ANSI/NEM A FL1	Red flash	Blue flash	Red & blue flash	RGB	Aurora
	 Output	1 lumen	1 lumen	1 lumen	0.5 lumens	0.5 lumens

	 Runtime	/	/	/	/	/
	 Distance	/	/	/	/	/
	 Intensity	/	/	/	/	/
Special Mode	ANSI/NEM A FL1	UV light	Red laser	Strobe	Turbo	
	 Output	365nm(1300mW)	650nm 650nm(≤ 0.39 mW)	1600 lumens	1600 lumens	
	 Runtime	/	/	/	1 hour 19 minutes	
	 Distance	/	/	/	160 meters	
	 Intensity	/	/	/	6234 candel a	
 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 1650mAh battery under the temperature of $21\pm3^{\circ}\text{C}$ and humidity of 50% - 80%. The true performance of this product may vary according to different working environments.

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

Warning

◎Do NOT shine the flashlight directly into anyone's eyes, as this flashlight is a high-intensity lighting device.

◎All information provided in this manual is subject to change without prior notice.

- ◎Do NOT place this flashlight in the reach of children!
- ◎Do NOT place light head near flammable objects, high temperatures can cause objects to overheat and become flammable/ignite!
- ◎Do NOT use the flashlight 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 flashlight will accumulate a significant amount of heat while operating, resulting in a high temperature of the light shell. Pay close attention to avoid burns.
- ◎Lock the flashlight to prevent accidental activation when the flashlight is placed in a closed and flammable environment such as pockets and backpacks!
- ◎The LEDs of this flashlight are not replaceable; so the whole flashlight will need to be replaced when any one of the LEDs reaches the end of its lifespan.
- ◎This flashlight is for professional use only. Not for use by untrained individuals or children.
- ◎This flashlight complies with the EU photobiological safety standard EN 62471. Please use this flashlight according to the specified safety classification.

Warning: Ultraviolet (UV) Radiation Hazard

- ◎This flashlight emits ultraviolet (UV) radiation, which may cause damage to eyes and skin.
- ◎UV light is generally invisible to the human eye. Improper use may result in unintended exposure.
- ◎Do not look directly at the UV-LED or its beam during operation. Avoid shining the flashlight directly at people, animals, or exposed skin.
- ◎Caution: UV radiation reflects off surfaces (e.g., mirrors, metal), increasing the risk of accidental exposure.
- ◎Be aware that objects and liquids you shine on may redirect or reflect the light beam, depending on the kind of surface they have.
- ◎When used in close proximity to objects, reflected UV radiation is stronger and more intense than at a distance of several meters.
- ◎Do not use optical lenses to focus the light beam within its emission cone.
- ◎Always wear certified UV-protective goggles and skin protection during use to avoid eye and skin damage. Also avoid prolonged exposure of skin or other living tissue.
- ◎Restrict usage of UV light to professional applications only. Always turn off the flashlight and store it securely after use.

Product features

- ◎1600 lumens maximum output and 160 meters maximum beam distance; spotlight/floodlight adjustable.
- ◎One Luminus SST20 LED and one Luminus SFT25 LED, with a lifespan of 50,000 hours each.
- ◎Built-in 1650mAh battery provides a max runtime of 111 hours in Eco mode.
- ◎USB Type-C charging.
- ◎Multiple light sources including white light (spotlight and floodlight), UV light, and a red laser.
- ◎3D light ring provides five lighting effects: Red flash, Blue flash, Red & blue flash, RGB, and Aurora; suitable for both emergencies and relaxation.
- ◎Neck-mounted switch+tail switch; dual-switch control.
- ◎Separately controlled three light sources.
- ◎Flat design allows for easy storage in a pocket.
- ◎Keychain hole and belt clip support multiple carrying ways.
- ◎IP66-rated protection.
- ◎Battery level indication and low-voltage warning.
- ◎Size: 4.84" x 1.23" x 0.82"/122.87 x 31.17 x 20.91 mm.
- ◎Weight: 3.67 oz/104.1 g(including battery).

Operating Instructions

White light mode

Press and hold the neck-mounted switch/tail switch for 0.5 seconds to turn on the White light mode.

Single click the neck-mounted switch/tail switch to cycle through Eco→Low→Med→High.

Press and hold the neck-mounted switch/tail switch for 0.5 seconds to turn off the White light mode.

Single click the oval switch to select between Spotlight and Floodlight in White light mode.

UV light mode

Press and hold the side purple switch for 0.5 seconds to turn on the UV light, press and hold it for 0.5 seconds again to turn off the flashlight.

In White light mode, press and hold the side purple switch for 0.5 seconds to switch to the UV light, press and hold it for 0.5 seconds again to turn off the flashlight.

Red laser mode

Press and hold the side red switch for 0.5 seconds to turn on the red laser, press and hold it for 0.5 seconds again to turn off the flashlight.

In White light mode, press and hold the side red switch for 0.5 seconds to switch to the red laser, press and hold

it for 0.5 seconds again to turn off the flashlight.

Scene mode

With the light turned off, double click the neck-mounted switch to turn on the 3D mood light ring.

Single click the switch to cycle through Red flash→Blue flash→Red & blue flash→RGB→Aurora.

Press and hold the neck-mounted switch for 0.5 seconds to turn off the 3D mood light ring.

Strobe mode

With the light turned off, press and hold the neck-mounted switch for 1.2 seconds to enter Strobe. Press and hold the neck-mounted switch/tail switch for 0.5 seconds to turn off the flashlight.

In White light mode, press and hold the neck-mounted switch for 1.2 seconds to enter Strobe. Single click the neck-mounted switch to recall the previously used output, then press and hold the neck-mounted switch/tail switch for 0.5 seconds to turn off the flashlight.

Turbo mode

With the light turned off, press and hold the tail switch for 0.8 seconds to enter Turbo. Press and hold the neck-mounted switch/tail switch for 0.5 seconds to turn off the flashlight.

In White light mode, press and hold the tail switch for 0.8 seconds to enter Turbo. Single click the tail switch to recall the previously used output, then press and hold the neck-mounted switch/tail switch for 0.5 seconds to turn off the flashlight.

Lock/Unlock

With the light turned off, press and hold the purple switch and the red switch simultaneously for 2 seconds to lock the light. The light will blink twice in Eco output to indicate locked status.

Press and hold the purple switch and the red switch simultaneously for 2 seconds to unlock the light, the light will be unlocked and activate in Moonlight output.

Intelligent Memory Circuit

The flashlight memorizes the last selected output of the White light mode. When turned on again, the previously used output of the White light mode will be recalled.

Charging

1. Turn off the flashlight and connect the USB Type-C end of the charging cable to the flashlight.
2. The battery level 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. While charging, if the battery level is below 3.3 V, only the White light mode can be activated; if the battery level is above 3.3 V, the Scene mode and Turbo mode cannot be activated.

Battery Level Indication

With the light turned off, single click the neck-mounted switch to check the current battery level and the battery level 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%

Intelligent Overheat Protection

The flashlight will accumulate a lot of heat when used at high output levels for extended periods. When the flashlight 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 flashlight will gradually recall the preset output level. High output level can be reselected if needed.

Low Voltage Warning

When the voltage level drops below the preset level, the flashlight is programmed to downshift to a lower brightness level until Moonlight output is reached. When this happens in Moonlight output, the battery level indicator blinks red to remind users to recharge the flashlight in a timely manner. To ensure normal use, the flashlight will not turn off automatically and will work till the battery runs out.

Usage and Maintenance

- ◎Fully charge the flashlight in time to ensure normal function the next time it is needed.
- ◎Recharge a stored flashlight every four months to maintain optimum performance of the battery.
- ◎Disassembling the sealed head can cause damage to the flashlight and will void the warranty.

©Lock the flashlight to prevent accidental activation during storage or transportation.

Included

Fenix E06R Pro flashlight, USB Type-C charging cable, Lanyard, User manual, Warranty card