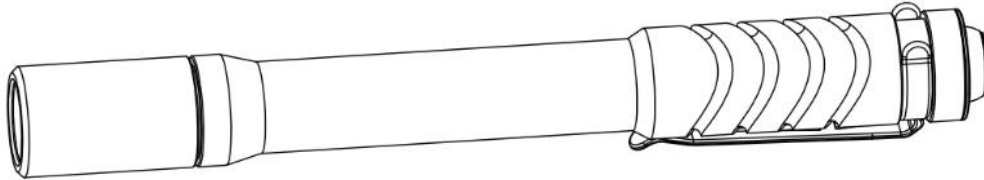


Sofirn SF15 Manual



Thank you for purchasing this Sofirn product.

Contact us@sofirnlight.com,

sofirnlight@gmail.com

if you need any assistance.

Sofirn SF15 is an ultra-compact, durable, and powerful pen flashlight with dual led. This lightweight 300-lumen flashlight punches well above its weight. This can stream a non-diminishing light for two hours at 60-lumen. You are not only able to use it for camping, hiking, home inspection, car maintenance, etc, thanks to its UV light mode, it is also a great tool to detect pet stains. Because it's small and pocket-friendly, you can always keep it close to you.

ANSI/NEMA FL1 Chart

Mode	WHITE LIGHT MODE			UV LIGHT MODE		
	Low	Medium	High	Low	Medium	High
Output	2lm	60lm	300lm	-	-	-
Runtime	54h	2h	50min	54h	2h	50min

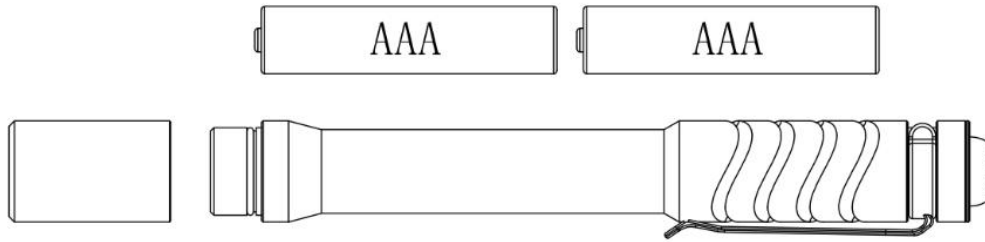
Beam Distance [m]	4m	11m	24m		-	-	-
Peak Intensity [cd]	4cd	30cd	139cd		-	-	-
Impact Resistance	1m / 3.28ft						
Water Resistance	IP68 (up to 2 meter under water, not for diving)						
Note	The above mentioned parameters are based on tests according to international flashlight testing standards (ANSI/NEMA FL1) using 2x Alkaline AAA batteries. Results may vary with different battery or under different environmental conditions.						

Specifications

- ❖ Emitter: white light led + UV light led
- ❖ Battery options: 2x Alkaline AAA batteries, 2x Ni-MH AAA batteries
- ❖ Operating voltage: 1.8V – 3V
- ❖ Boost driver
- ❖ Dimension: 133mm (length) × 15mm (head diameter)
- ❖ Beam angle: 123 degrees
- ❖ Weight: 25 grams (without battery)
- ❖ Flashlight body: Aerospace grade 6061 grade aluminum alloy
- ❖ Toughened glass lens
- ❖ Water resistance: IP68 (not for diving)
- ❖ Mode Memory: While on lighting mode, the flashlight memorizes the last brightness level used in the general lighting modes.
- ❖ Reverse polarity protection from improper battery installation
- ❖ The flashlight steps down automatically or blinks when the battery is low.
- ❖ When the battery is low, brightness won't have a conspicuous change after you switch to other brighter or dimmer modes.
- ❖ The flashlight is compatible with batteries of 86mm long to 91mm long. There might be a rattling when you use some shorter batteries. Don't worry, it does not affect use.

Battery Installation

Before first use, please unscrew the flashlight and remove the insulating film. If the batteries need to be replaced, make sure that the positive end of the new batteries face the flashlight head when you put it in.



Operation Instructions

ON/OFF: Press the tail switch to turn the light on/off. When the light is turned on again over 2 seconds, it will return to the previously used mode (white light mode/UV light mode) and selected brightness level.

BRIGHTNESS ADJUSTMENT: When the flashlight is on, tap the tail switch (without a click sound) to cycle through low, medium, high modes (white light mode/UV light mode).

TOGGLE BETWEEN WHITE LIGHT MODE AND UV LIGHT MODE: When the flashlight is on, tap (without a click sound) the tail switch twice to toggle between white light mode and UV light mode.

Safety Instructions

- ❖ SF15 is a powerful flashlight. Never point it directly at a person, animal or moving vehicles. Doing so could cause retinal damage. Please do not allow children to play with it.
- ❖ Do not look directly at the light source or shine to eyes, may cause temporary blindness or permanent damage to the eyes.
- ❖ Do not shine a UV light on your skin, may cause damage to or burn your skin.
- ❖ Operating SF15 for a long time in high powered modes will quickly heat up the flashlight. This is normal.
- ❖ Please unscrew the flashlight half a turn to avoid unwanted activation during transport. It also prevents the battery from draining while the flashlight is in standby.
- ❖ Avoid hitting or dropping the flashlight.

Troubleshooting and Maintenance

- ❖ Disassembling the sealed head can damage the flashlight and voids the warranty.
- ❖ Sofirn, Ltd. recommends using high-quality brand batteries. Damage by battery leakage voids the warranty.
- ❖ Remove the battery if the flashlight will not be used for an extended period of time.
- ❖ To prevent self-discharge or accidental activation during storage or transportation, unscrew the tailcap by half a turn or remove the battery.

- ❖ Every 6 months threads should be wiped with a clean cloth followed by a thin layer of silicone grease.
- ❖ To maintain a proper level of waterproofness, replace worn-out o-rings with an approved spare.
- ❖ Troubleshooting: Clean battery contacts regularly as dirty contacts may impair the performance of the flashlight. If you experience problems (flicker, shine intermittently or failure turn on) the following root causes and solutions should be tried:

Reason A: The battery needs a replacement.

Solution: Replace the battery.

Reason B: Threads, PCB board contact or other contacts are dirty.

Solutions: Please clean the contact points with a cotton swab soaked in rubbing alcohol.

Reason C: The flashlight will not turn on upon first use.

Solution: Please do not forget to remove the insulating film from the battery on first use.

If the above methods do not work please refer to the warranty policy before contacting your authorized distributor.

Sofirn Limited:

Tel: +86-755-23440047 Fax: +86-755-23440141

Web: www.sofirnlight.com

E-mail: us@sofirnlight.com eu@sofirnlight.com