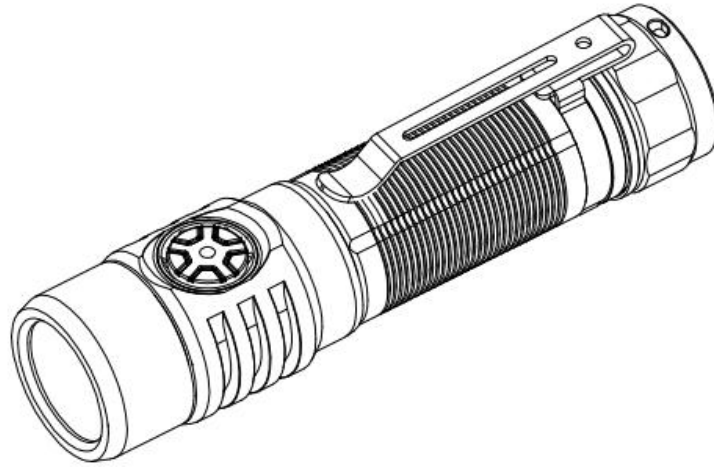


# SOFIRN SC29 MANUAL



Thank you for purchasing this Sofirn product.

send email to [sofirnlight@gmail.com](mailto:sofirnlight@gmail.com)

if you meet any issues.

Sofirn SC29 is a rechargeable handheld flashlight with enhanced brightness. It delivers beam shots with 3000 lumens and sheds light 214 meters away. Designed with an e-switch on the side, it fits well in your hand and allows you to make intuitive clicks. Powered by a single 21700 battery, SC29 provides you with wide bright vision for a long time. A reliable companion for everyday use.

## ANSI/NEMA FL1 Chart

Modes	Moonlight	Low	Medium	High	Turbo	Strobe
Luminous Flux	1lm	30lm	350lm	1000lm	3000lm	3000lm
Beam Distance	7m	27m	82m	136m	214m	-
Runtime	500h	50h	6h	5h	4h	-
Peak Intensity	10.8cd	188.3cd	1695.0cd	4591.7cd	11433.3cd	-

IMPACT RESISTANCE	1m / 3.28ft
WATER RESISTANCE	IP68 (not for diving)
NOTE	The above mentioned parameters are based on tests according to international flashlight testing standards (ANSI/NEMA FL1) using one 5000mAh 21700 battery. Results may vary with different battery or under different environmental conditions.

## Specifications

- ❖ Emitter: High-powered LED\*1
- ❖ Battery Option: 1×21700 battery
- ❖ Working Voltage: 3V-4.2V
- ❖ Mode Operation: Side e-switch
- ❖ USB Type-C charging
- ❖ Material: AL6061-T6 aluminium alloy
- ❖ Water Resistance: IP68 waterproof
- ❖ Size: 29mm ( head diameter) \*120.8mm (length)
- ❖ Weight: 76g(without battery)
- ❖ Reverse polarity protection from improper battery installation.
- ❖ Advanced Temperature Regulation (ATR) technology: In High or Turbo mode, flashlight heats up easily. To prevent over-heating, SC29 monitors the temperature and adjusts automatically to lower brightness levels when the temperature reaches 55 degrees.
- ❖ Low Voltage Protection: The flashlight automatically turns off when the battery voltage is lower than 2.7V.
- ❖ Low Battery Level Warning: When the flashlight is powered on, it automatically drops to lower brightness levels when the battery voltage is lower than 3.2V. Red indicator flashes when it is lower than 3V, indicating that the remaining battery power is poor and to get it recharged or replaced in time.

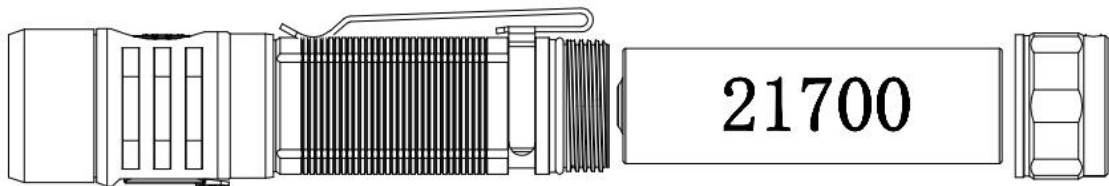
## Safety Instructions

- ❖ SC29 is a powerful flashlight. Never stare into beam or point it directly at a person, or moving vehicles. Doing so could cause retinal damage. Please do not allow children to play with it. Strobe mode may cause seizure in persons with photosensitive epilepsy.

- ❖ Operating SC29 for a long time in high powered modes will quickly heat up the flashlight. This is normal.
- ❖ Pay close attention to the proper installation of the battery. Always check that the positive end of the battery faces the flashlight's head.
- ❖ Please unscrew the light body half a turn to avoid unwanted activation during transport. It also prevents the battery from draining while the flashlight is in standby.
- ❖ Never leave your SC29 with its face against any surface, including skin, while in operation. Transport or store the SC29 in a way that minimizes the chance it can accidentally be turned on. The resultant heat build-up can cause a fire, burns or damage the flashlight.

## Battery Option

Battery Type	Dimension & Quantity
Rechargeable lithium-ion battery	1 x 21700battery



## Battery Installation

Before first use, please unscrew the tail cap and remove the insulating paper. If the battery needs to be replaced, make sure that the positive end of the new battery faces the flashlight head when you put it in.

## Battery Level Indicator

After turning on the SC29, the indicator will display the power status for 5 seconds.

**Green Constant On** = 70%-100%

**Red Constant On** = 30%-70%

**Red Flashes = 1-30%**

## Light Indicator When Charging

**Red** = Charging

**Green** = Fully Charged

SC29 offers a USB type-C charging port for convenient charging. Please connect it with the included charging cable and use a USB power adapter (not included) with 5V/2A (max) output.

## General Operation

**ON/OFF:** Single click the switch to turn it on and activate the memory mode. Single click again to turn it off.

**OUTPUT SELECTION:** When the flashlight is on, long press the switch to select output. It cycles through : Low→Medium→High.

**DIRECT ACCESS TO MOONLIGHT MODE:** When the flashlight is off, press the switch for 0.5 seconds to activate moonlight mode.

**DIRECT ACCESS TO TURBO:** Fast double-click the switch to activate turbo, then single-click to return to the last used mode.

**DIRECT ACCESS TO STROBE:** When the flashlight is in turbo, fast double click the switch to strobe, then single-click to return to the last used mode.

**MANUAL LOCKOUT:** The light can be locked by pressing the button 3 times quickly. The LED flashes twice to acknowledge the lock. The feature can be disabled with a triple press when the light is locked.

**OPERATIONS UNDER LOCKOUT MODE:** Long press the button to activate momentary-moonlight mode. Nothing will happen on any other operation but the LED flashes twice to remind you.

## FAQ

Q1: why the flashlight only works while plugged in?

A1: Please unscrew the tail cap and remove the insulating paper, screw the tail cap back on and try again.

Q2: Can I use the flashlight while recharging?

A2: Please keep the flashlight on "Off" while recharging

Q3: Does it accept C-C charging cable?

A3: Yes, but C-C charging cable is not included. Please know that some charging cables have fat type-C which won't fit the SC29 charging port.

Q4: It gets hot quickly, is it normal?

A4: Yes, powerful flashlights heat up easily which is normal.

## 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 light body 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.

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

### **Sofirn Limited:**

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**Please contact us if you have any questions.**

**If your product is defective please contact us for replacement within warranty period.**

Manufacturer: Shenzhenshi Jinba Technology Co.,Ltd

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