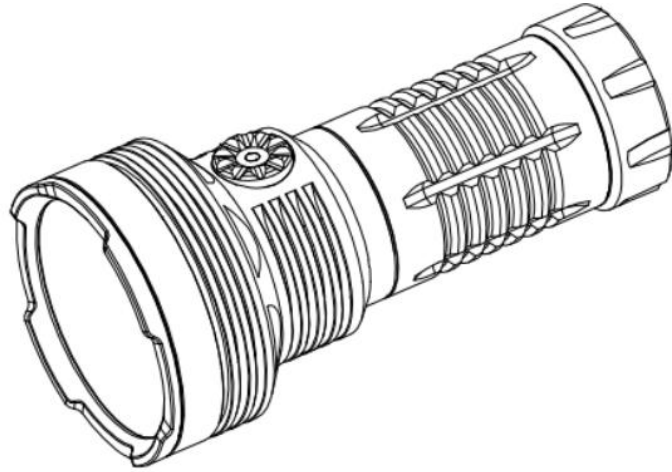


# Sofirn IF30 Manual



Thank you for purchasing this Sofirn product.

**Contact**

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if you need any assistance.

The Sofirn IF30 is an ultra-bright rechargeable flashlight designed to meet your high-performance lighting needs. It delivers an impressive maximum output of 12000 lumens and comes with 3 modes to choose from, emitting a reliable light source and being able to apply in various scenarios. Equipped with unique brightness adjustment, you can easily switch from one level to another with simple rotations. The easy operation can greatly maximize your user experience. Whether you're camping, hiking, searching, or adventuring, the IF30 always provides excellent visibility and safety for you. An ideal companion for outdoor use!

## ANSI/NEMA FL1 Chart

Modes	Floodlight			Spotlight			Spotlight & Floodlight		
	Low	Turbo	Strobe	Low	Turbo	Strobe	Low	Turbo	Strobe
Luminous Flux	30lm	12000lm	12000lm	10lm	2500lm	2500lm	40lm	12000lm	12000lm

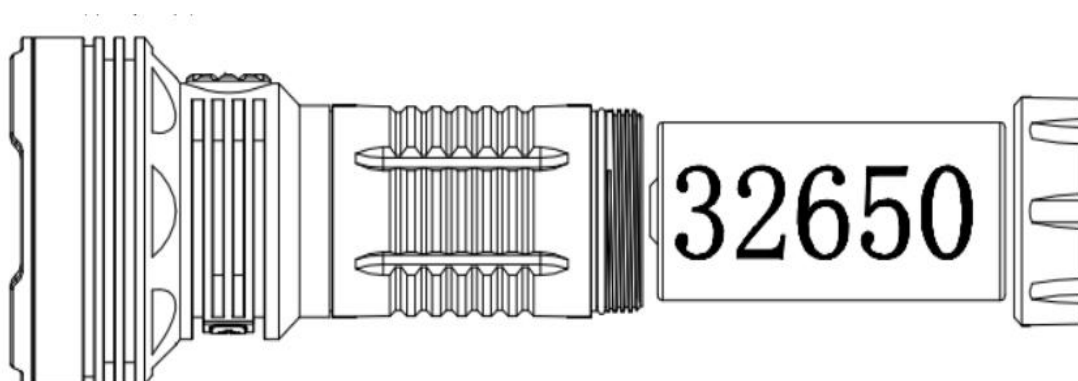
Beam Distance	14m	278m	-	49m	685m	-	52m	592m	-
Runtime	130h	1.25h	-	280h	4.75h	-	100h	1.25h	-
Peak Intensity	46cd	19350cd	-	609cd	117167cd	-	681cd	87750cd	-
IMPACT RESISTANCE	1m / 3.28ft								
WATER RESISTANCE	IPX-8 (not for diving)								
NOTE	The above mentioned parameters are based on tests according to international flashlight testing standards (ANSI/NEMA FL1) using one 6500mAh 32650 battery. Results may vary with different battery or under different environmental conditions.								

## Specifications

- ❖ Emitter: High-powered LEDs
- ❖ Battery Option: 1x 32650 battery
- ❖ Working Voltage: 3V-4.2V
- ❖ Standby Drain: < 230uA
- ❖ Maximum Charging Current: 3A
- ❖ Material: AL6061-T6 aluminium alloy
- ❖ Water Resistance: IPX-8 waterproof
- ❖ Size: 2.45\*5.07 inch (62.4\*129mm )
- ❖ Weight: 9.27oz (263g--without a battery)
- ❖ Spotlight beam angle: 6°, floodlight beam angle: 70°
- ❖ Advanced Temperature Regulation (ATR) technology: In Turbo mode, the flashlight heats up easily. To prevent over-heating, IF30 automatically drops to lower brightness level when the temperature reaches 55°.
- ❖ Low Voltage Protection: Red indicator flashes when the battery voltage is low, indicating that the remaining battery power is poor. When the battery voltage is lower than 2.8V, the flashlight turns off automatically to protect the battery from being discharged.

## Battery Option

Battery Type	Dimension & Quantity
Rechargeable lithium-ion battery	1 x 32650 battery



## 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 IF30, the indicator will display the power status for 5 seconds.

**Green** = remaining battery power is good (50% - 100%).

**Red** = remaining battery power is poor (30% - 50%).

**Flashing Red** = critical power (less than 25%), please replace or recharge battery as soon as possible.

After turning IF30 on, the red light will keep flashing to prompt when the remaining battery power is less than 25%.

## Light Indicator When Charging

**Flashing Red** = Charging

**Green** = Fully Charged

## Light Indicator When Discharge

LED Indicator stays off when the remaining battery power is sufficient, and it flashes red when the power is low.

## Operation Instructions

**ON/OFF:** Single-click the button to turn the light on/off and enter the last used mode. When turned on, the battery level indicator will display for 5 seconds.

**CHANGE BRIGHTNESS LEVEL:** When the flashlight is on, rotate clockwise to ramp up, and the light flashes once when the brightness reaches its maximum. Rotate counterclockwise to ramp down. Long press the switch to cycle through: Floodlight (30lm-12000lm)→Spotlight (10lm-2500lm)→Spotlight & Floodlight (40lm-12000lm).

**DIRECT ACCESS TO LOW MODE:** When the flashlight is off, long press the switch to activate Low mode.

**DIRECT ACCESS TO STROBE MODE:** Under any mode settings (not in lock mode), triple-click the switch to activate Strobe mode. Long press the button to cycle through: Floodlight (12000lm)→Spotlight (2500lm)→Spotlight & Floodlight (12000lm). Single click the switch to return to the brightness level before the triple-click operation.

**DIRECT ACCESS TO LOW & TURBO MODE:** Under any modes (not in lock mode), double-click the switch to activate Turbo mode. Double-click again to turn on Low mode. Then a single click to return to the brightness level before the double-click operation.

**LOCK/UNLOCK:** The flashlight locks automatically 15 seconds after being turned off (no any operation). Quickly rotate clockwise or counterclockwise for 60 degrees to unlock the flashlight. And the indicator will blink for 5 seconds to display the power status.

( Note: Have to rotate more than 60° quickly at a time. The button indicator will light on when unlocked successfully. )

## Safety Instructions

- ❖ IF30 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. Strobe mode may cause seizure in persons with photosensitive epilepsy.

- ❖ Operating IF30 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.
- ❖ 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 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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