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› [sofirn Q8 Plus Powerful Flashlight User Manual](#)

**sofirn Q8Plus-5000K**

# sofirn Q8 Plus Powerful Flashlight Instruction Manual

Model: Q8Plus-5000K | Brand: sofirn

## 1. INTRODUCTION AND OVERVIEW

The Sofirn Q8Plus 5000K is a high-performance flashlight designed for various demanding applications such as hunting, searching, survival, and emergency situations. It is engineered to provide exceptional brightness and long-lasting performance, making your perspective as clear as during the day.

### Key Features:

- Extreme Brightness:** Equipped with 6 LEDs, producing a maximum ultra-bright 16000 lumens with a beam distance of 554 meters.
- Ultra-Long Runtime:** Utilizes 3 high-capacity batteries, capable of sustaining 1800 lumens for up to 10 hours.
- USB-C Charge and Discharge:** Features a built-in Type-C port for convenient charging and power bank functionality to charge other devices.
- Flexible Lighting Modes:** Incorporates the advanced Anduril 2.0 UI, offering basic modes (turbo, high, medium, low) and extensive customizable options for advanced users.
- Durable Construction:** Made from aerospace-grade aluminum with an IPX8 water-resistant rating, designed to withstand harsh environments.



The Sofirn Q8 Plus flashlight, a high-powered device designed for various lighting needs.

## 2. SETUP

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### 2.1 Battery Installation

The Sofirn Q8 Plus requires three 21700 lithium-ion batteries for operation. Before first use, ensure to remove the orange safety piece located between the battery compartment and the head of the flashlight. Insert the batteries with the positive (+) terminal facing towards the head of the flashlight.

Official video demonstrating the unboxing and battery installation process for the Sofirn Q8 Plus flashlight.

### 2.2 Charging and Power Bank Function

The Q8 Plus features a convenient built-in USB-C charging port. Connect a USB-C cable (not included) to

the port for charging. The indicator light will change from flashing blue to steady blue when fully charged. The flashlight also functions as a power bank, allowing you to charge other USB-C compatible devices. When charging external devices, the indicator light will change from steady orange to flashing orange when the flashlight's battery is low.

Official video demonstrating the USB-C charging and power bank capabilities of the Sofirn Q8 Plus flashlight.

## 3. OPERATING INSTRUCTIONS

### 3.1 Anduril 2 UI Overview

The Sofirn Q8 Plus utilizes the Anduril 2.0 User Interface, which offers both a simple UI for basic operation and an advanced UI for extensive customization. The simple UI includes basic lighting modes such as Turbo, High, Medium, and Low. For advanced users, the UI provides granular control over various functions, including strobe speed and brightness, battery voltage check, and temperature monitoring. Refer to the included manual for a comprehensive guide to all Anduril 2.0 functions.



A visual representation of the Anduril 2.0 user interface, highlighting its simple and advanced modes.

### 3.2 Brightness Adjustment

To adjust the brightness, press and hold the side switch. The light will smoothly ramp up or down. Release the button at your desired brightness level. Double-clicking from ON will activate Turbo mode for maximum output.

Official video demonstrating the powerful brightness and adjustment capabilities of the Sofirn Q8 Plus flashlight.

### 3.3 Lockout Mode

To prevent accidental activation, the Q8 Plus features a lockout mode. From OFF, click the button 4 times quickly to activate lockout. The flashlight will blink briefly to confirm. To exit lockout mode, click the button 4 times quickly again.



Detail of the flashlight's side switch, indicating the lockout feature for preventing accidental activation.

## 4. MAINTENANCE

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### 4.1 Cleaning

Regularly clean the flashlight's body with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials. Keep the threads and O-rings clean and lubricated with silicone grease to maintain water resistance.

## 4.2 Water Resistance

The Sofirn Q8 Plus is IPX8 rated, meaning it is protected against continuous immersion in water up to a specified depth (typically 2 meters for 30 minutes). Ensure all parts are securely tightened before exposing the flashlight to water. Do not operate the flashlight underwater for extended periods or at depths exceeding its rating.



The flashlight shown in a wet environment, emphasizing its aerospace-grade aluminum body and water resistance.

## 4.3 Battery Care

To prolong battery life, avoid fully discharging the batteries. Recharge them promptly when the low battery indicator appears. If storing the flashlight for an extended period, remove the batteries or activate lockout mode to prevent parasitic drain. Store batteries in a cool, dry place.

## 5. TROUBLESHOOTING

- **Flashlight gets hot in Turbo mode:** This is normal for high-output flashlights. The Q8 Plus has thermal regulation to prevent overheating. Reduce brightness if it becomes too hot to handle.
- **Light does not turn on:** Ensure batteries are correctly inserted and fully charged. Check that the

safety piece has been removed. Deactivate lockout mode if it is active.

- **Indicator light behavior:** Flashing blue to steady blue indicates charging completion. Steady orange to flashing orange indicates low battery when used as a power bank.
- **Reduced brightness or runtime:** Batteries may be low or nearing end of life. Recharge or replace batteries. Ensure good contact between batteries and terminals.

## 6. SPECIFICATIONS

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Feature	Specification
Brand	sofirn
Model	Q8Plus-5000K
Special Feature	Durable
Power Source	Battery Powered
Light Source Type	LED (6 pieces)
Material	Aerospace-grade Aluminum
White Brightness (Max)	16000 Lumens
Light Path Distance (Max)	554 Meters
Battery Cell Composition	Lithium Polymer (3x 21700 required, included)
Runtime (1800 Lumens)	10 hours
Water Resistance Level	IPX8 Water Resistant
Item Weight	2.03 pounds
Package Dimensions	7.44 x 3.86 x 3.03 inches

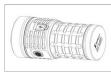
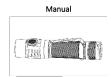
## 7. WARRANTY AND SUPPORT

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Sofirn provides a perfect warranty with helpful customer service for the Q8 Plus flashlight. For any inquiries, technical assistance, or warranty claims, please contact Sofirn directly through their official channels.

You can find more information and support by visiting the official Sofirn store:

Visit the sofirn  
Store

 <p>The Sofirn Q8 Plus is a compact and powerful LED flashlight with a beam distance of up to 300 meters. It features a high-quality Cree LH351D LED, a rechargeable 18650 battery, and a durable aluminum body. The Sofirn Q8 Plus is IP68 waterproof and dustproof, making it suitable for outdoor use. It includes a lanyard and a carrying case.</p> <p><b>ANSI/NEMA FL1 Chart</b></p> <table border="1"> <thead> <tr> <th>Mode</th> <th>Low</th> <th>Mid</th> <th>High</th> <th>Max</th> <th>Low</th> <th>Mid</th> <th>High</th> <th>Max</th> <th>Low</th> <th>Mid</th> <th>High</th> </tr> </thead> <tbody> <tr> <td>Low</td> <td>100lm</td> <td>400lm</td> <td>1000lm</td> <td>2000lm</td> <td>100lm</td> <td>400lm</td> <td>1000lm</td> <td>2000lm</td> <td>100lm</td> <td>400lm</td> <td>1000lm</td> </tr> <tr> <td>Mid</td> <td>-</td> </tr> <tr> <td>High</td> <td>-</td> </tr> <tr> <td>Max</td> <td>-</td> </tr> </tbody> </table> <p><small>The Sofirn Q8 Plus is a compact and powerful LED flashlight with a beam distance of up to 300 meters. It features a high-quality Cree LH351D LED, a rechargeable 18650 battery, and a durable aluminum body. The Sofirn Q8 Plus is IP68 waterproof and dustproof, making it suitable for outdoor use. It includes a lanyard and a carrying case.</small></p>	Mode	Low	Mid	High	Max	Low	Mid	High	Max	Low	Mid	High	Low	100lm	400lm	1000lm	2000lm	100lm	400lm	1000lm	2000lm	100lm	400lm	1000lm	Mid	-	-	-	-	-	-	-	-	-	-	-	High	-	-	-	-	-	-	-	-	-	-	-	Max	-	-	-	-	-	-	-	-	-	-	-	<p><b>Sofirn Q8 Plus Flashlight User Manual</b></p> <p>Comprehensive user manual for the Sofirn Q8 Plus flashlight, detailing its features, operation, specifications, and maintenance. Covers Anduril 2 UI, battery installation, charging, and troubleshooting.</p>
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 <p>The Sofirn SC32 is a high-performance LED flashlight with a beam distance of up to 300 meters. It features a Cree LH351D LED, a rechargeable 18650 battery, and a durable aluminum body. The Sofirn SC32 is IP68 waterproof and dustproof, making it suitable for outdoor use. It includes a lanyard and a carrying case.</p> <p><b>ANSI/NEMA FL1 Chart</b></p> <table border="1"> <thead> <tr> <th>Mode</th> <th>Low</th> <th>Mid</th> <th>High</th> <th>Max</th> <th>Low</th> <th>Mid</th> <th>High</th> <th>Max</th> <th>Low</th> <th>Mid</th> <th>High</th> </tr> </thead> <tbody> <tr> <td>Low</td> <td>200lm</td> <td>800lm</td> <td>1600lm</td> <td>2000lm</td> <td>200lm</td> <td>800lm</td> <td>1600lm</td> <td>2000lm</td> <td>200lm</td> <td>800lm</td> <td>1600lm</td> </tr> <tr> <td>Mid</td> <td>-</td> </tr> <tr> <td>High</td> <td>-</td> </tr> <tr> <td>Max</td> <td>-</td> </tr> </tbody> </table> <p><small>The Sofirn SC32 is a high-performance LED flashlight with a beam distance of up to 300 meters. It features a Cree LH351D LED, a rechargeable 18650 battery, and a durable aluminum body. The Sofirn SC32 is IP68 waterproof and dustproof, making it suitable for outdoor use. It includes a lanyard and a carrying case.</small></p>	Mode	Low	Mid	High	Max	Low	Mid	High	Max	Low	Mid	High	Low	200lm	800lm	1600lm	2000lm	200lm	800lm	1600lm	2000lm	200lm	800lm	1600lm	Mid	-	-	-	-	-	-	-	-	-	-	-	High	-	-	-	-	-	-	-	-	-	-	-	Max	-	-	-	-	-	-	-	-	-	-	-	<p><b>Sofirn SC32 Flashlight User Manual: Features, Operation, and Specifications</b></p> <p>Comprehensive user manual for the Sofirn SC32 flashlight, detailing its features, ANSI/NEMA FL1 performance, operation modes, charging, safety instructions, and troubleshooting. Learn how to use your 2000-lumen LED flashlight.</p>
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Low	200lm	800lm	1600lm	2000lm	200lm	800lm	1600lm	2000lm	200lm	800lm	1600lm																																																		
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 <p>The Sofirn SD08 is a high-performance diving flashlight with a beam distance of up to 385 meters. It features a Cree LH351D LED, a rechargeable 18650 battery, and a durable aluminum body. The Sofirn SD08 is IP68 waterproof and dustproof, making it suitable for scuba diving. It includes a lanyard and a carrying case.</p> <p><b>ANSI/NEMA FL1 Chart</b></p> <table border="1"> <thead> <tr> <th>Mode</th> <th>Low</th> <th>Mid</th> <th>High</th> <th>Max</th> <th>Low</th> <th>Mid</th> <th>High</th> <th>Max</th> <th>Low</th> <th>Mid</th> <th>High</th> </tr> </thead> <tbody> <tr> <td>Low</td> <td>800lm</td> <td>1600lm</td> <td>3200lm</td> <td>3200lm</td> <td>800lm</td> <td>1600lm</td> <td>3200lm</td> <td>3200lm</td> <td>800lm</td> <td>1600lm</td> <td>3200lm</td> </tr> <tr> <td>Mid</td> <td>-</td> </tr> <tr> <td>High</td> <td>-</td> </tr> <tr> <td>Max</td> <td>-</td> </tr> </tbody> </table> <p><small>The Sofirn SD08 is a high-performance diving flashlight with a beam distance of up to 385 meters. It features a Cree LH351D LED, a rechargeable 18650 battery, and a durable aluminum body. The Sofirn SD08 is IP68 waterproof and dustproof, making it suitable for scuba diving. It includes a lanyard and a carrying case.</small></p>	Mode	Low	Mid	High	Max	Low	Mid	High	Max	Low	Mid	High	Low	800lm	1600lm	3200lm	3200lm	800lm	1600lm	3200lm	3200lm	800lm	1600lm	3200lm	Mid	-	-	-	-	-	-	-	-	-	-	-	High	-	-	-	-	-	-	-	-	-	-	-	Max	-	-	-	-	-	-	-	-	-	-	-	<p><b>Sofirn SD08 Diving Flashlight: High-Performance Scuba Light with 3200 Lumens</b></p> <p>Explore the Sofirn SD08, a powerful diving flashlight designed for scuba enthusiasts. This document details its specifications, performance metrics via the ANSI/NEMA FL1 chart, operational guide, maintenance tips, and safety warnings. Key features include 3200 lumens, 385m beam distance, and a unique colored emitter ring for enhanced visibility.</p>
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 <p>The Sofirn SC31 Pro is a high-performance LED flashlight with a beam distance of up to 300 meters. It features a Cree LH351D LED, a rechargeable 18650 battery, and a durable aluminum body. The Sofirn SC31 Pro is IP68 waterproof and dustproof, making it suitable for outdoor use. It includes a lanyard and a carrying case.</p>	<p><b>Sofirn SC31 Pro Flashlight User Manual</b></p> <p>Comprehensive user manual for the Sofirn SC31 Pro flashlight, detailing its features, operation, safety instructions, and maintenance. Covers both Simple and Advanced UI modes powered by Anduril 2.</p>																																																												
 <p>The Sofirn SC28 is a high-performance rechargeable EDC flashlight with a beam distance of up to 280 meters. It features a Cree LH351D LED, a rechargeable 18650 battery, and a durable aluminum body. The Sofirn SC28 is IP68 waterproof and dustproof, making it suitable for outdoor use. It includes a lanyard and a carrying case.</p> <p><b>ANSI/NEMA FL1 Chart</b></p> <table border="1"> <thead> <tr> <th>Mode</th> <th>Low</th> <th>Mid</th> <th>High</th> <th>Max</th> <th>Low</th> <th>Mid</th> <th>High</th> <th>Max</th> <th>Low</th> <th>Mid</th> <th>High</th> </tr> </thead> <tbody> <tr> <td>Low</td> <td>100lm</td> <td>400lm</td> <td>1000lm</td> <td>2800lm</td> <td>100lm</td> <td>400lm</td> <td>1000lm</td> <td>2800lm</td> <td>100lm</td> <td>400lm</td> <td>1000lm</td> </tr> <tr> <td>Mid</td> <td>-</td> </tr> <tr> <td>High</td> <td>-</td> </tr> <tr> <td>Max</td> <td>-</td> </tr> </tbody> </table> <p><small>The Sofirn SC28 is a high-performance rechargeable EDC flashlight with a beam distance of up to 280 meters. It features a Cree LH351D LED, a rechargeable 18650 battery, and a durable aluminum body. The Sofirn SC28 is IP68 waterproof and dustproof, making it suitable for outdoor use. It includes a lanyard and a carrying case.</small></p>	Mode	Low	Mid	High	Max	Low	Mid	High	Max	Low	Mid	High	Low	100lm	400lm	1000lm	2800lm	100lm	400lm	1000lm	2800lm	100lm	400lm	1000lm	Mid	-	-	-	-	-	-	-	-	-	-	-	High	-	-	-	-	-	-	-	-	-	-	-	Max	-	-	-	-	-	-	-	-	-	-	-	<p><b>Sofirn SC28 Rechargeable EDC Flashlight User Manual</b></p> <p>Comprehensive user manual for the Sofirn SC28 rechargeable EDC flashlight, covering specifications, operation, safety, and troubleshooting. Features 2800 lumens output and ANSI/NEMA FL1 performance data.</p>
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 <p>The Sofirn SP10 Pro is a compact and powerful LED flashlight with a beam distance of up to 300 meters. It features an LH351D LED, Anduril 2.0, and multiple battery compatibility. The Sofirn SP10 Pro is IP68 waterproof and dustproof, making it suitable for outdoor use. It includes a lanyard and a carrying case.</p> <p><b>ANSI/NEMA FL1 Chart</b></p> <table border="1"> <thead> <tr> <th>Mode</th> <th>Low</th> <th>Mid</th> <th>High</th> <th>Max</th> <th>Low</th> <th>Mid</th> <th>High</th> <th>Max</th> <th>Low</th> <th>Mid</th> <th>High</th> </tr> </thead> <tbody> <tr> <td>Low</td> <td>100lm</td> <td>400lm</td> <td>1000lm</td> <td>3000lm</td> <td>100lm</td> <td>400lm</td> <td>1000lm</td> <td>3000lm</td> <td>100lm</td> <td>400lm</td> <td>1000lm</td> </tr> <tr> <td>Mid</td> <td>-</td> </tr> <tr> <td>High</td> <td>-</td> </tr> <tr> <td>Max</td> <td>-</td> </tr> </tbody> </table> <p><small>The Sofirn SP10 Pro is a compact and powerful LED flashlight with a beam distance of up to 300 meters. It features an LH351D LED, Anduril 2.0, and multiple battery compatibility. The Sofirn SP10 Pro is IP68 waterproof and dustproof, making it suitable for outdoor use. It includes a lanyard and a carrying case.</small></p>	Mode	Low	Mid	High	Max	Low	Mid	High	Max	Low	Mid	High	Low	100lm	400lm	1000lm	3000lm	100lm	400lm	1000lm	3000lm	100lm	400lm	1000lm	Mid	-	-	-	-	-	-	-	-	-	-	-	High	-	-	-	-	-	-	-	-	-	-	-	Max	-	-	-	-	-	-	-	-	-	-	-	<p><b>Sofirn SP10 Pro LED Flashlight User Manual and Specifications</b></p> <p>Comprehensive user manual for the Sofirn SP10 Pro EDC flashlight, detailing specifications, operation instructions for Simple and Advanced UI, safety guidelines, and troubleshooting. Features LH351D LED, Anduril 2.0, and multiple battery compatibility.</p>
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