

## Klarus RS80GT

# Klarus RS80GT 10000 Lumens LED Rechargeable Flashlight User Manual

Model: RS80GT



## INTRODUCTION

Thank you for choosing the Klarus RS80GT 10000 Lumens LED Rechargeable Flashlight. This high-performance device is designed for various applications, including camping, fishing, adventure, and hiking. It features a powerful main beam, a foldable table lamp, and a USB power bank function. Please read this manual carefully to ensure proper use, maintenance, and optimal performance of your flashlight.



Image: The Klarus RS80GT flashlight, showcasing its robust design with three main LED heads and an integrated handle.

## SETUP AND FIRST USE

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### Unboxing

Upon opening the package, verify that all components are present:

- Klarus RS80GT Flashlight
- Charging Cable (DC and USB-C compatible)
- Shoulder Strap
- User Manual
- Spare O-rings and Screws
- Hex Key

# RS80GT Package

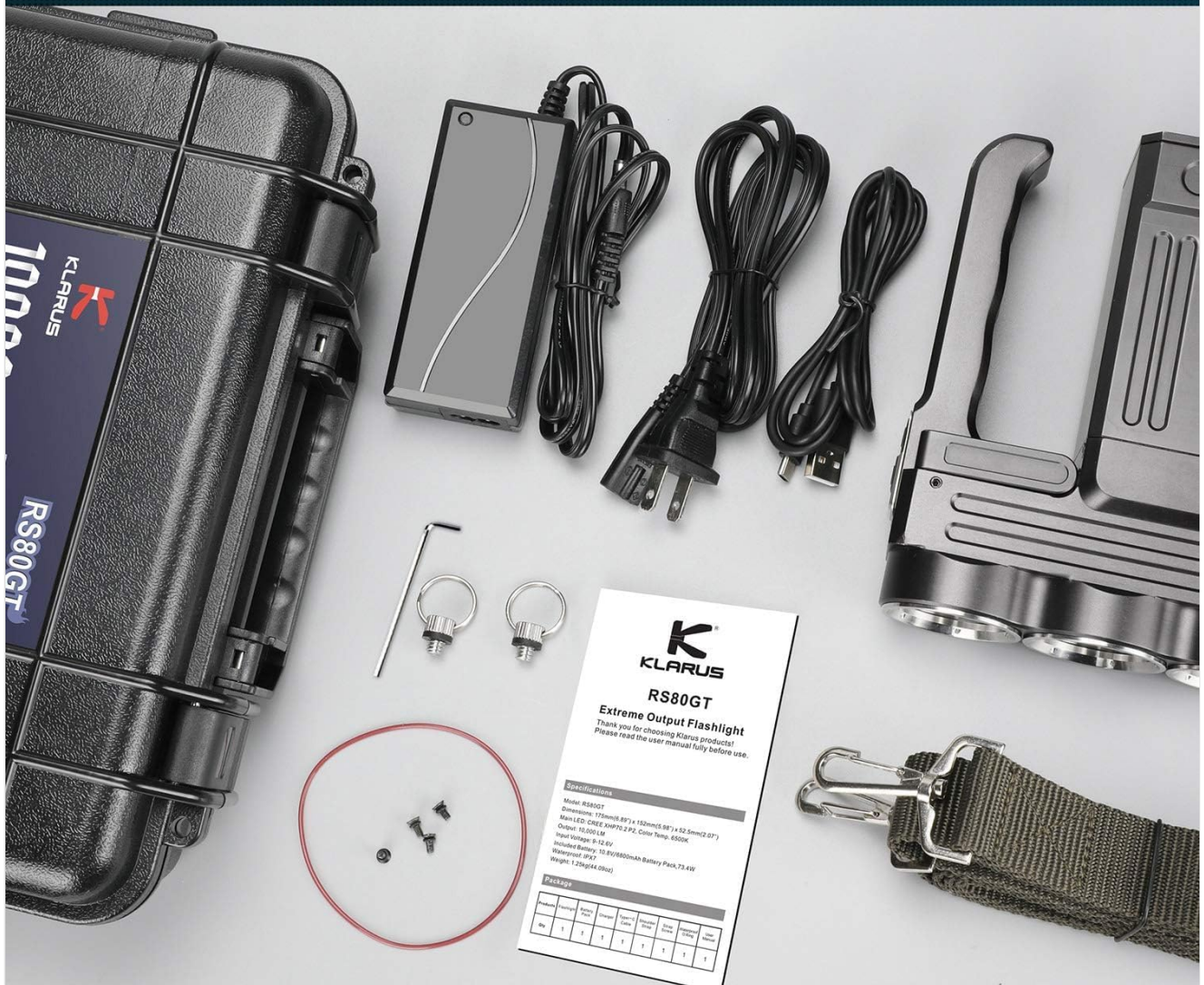


Image: Contents of the Klarus RS80GT package, including the flashlight, charging cables, shoulder strap, and accessories.

## Initial Charging

The RS80GT features an integrated battery pack. Before first use, fully charge the device.

1. Connect the provided DC charging cable to the flashlight's DC input port.
2. Plug the other end of the DC cable into a suitable power adapter.
3. Alternatively, use a USB-C cable to connect to the USB-C input port for charging.
4. A full charge using the DC cable takes approximately 3 hours. USB-C charging may take longer (approx. 12 hours).
5. The charging indicator lights will provide status feedback.



# 20400mAh Batterie de grande capacité

6 batteries intégrées, avec une capacité totale de 20400mAh,  
Peut fournir jusqu'à 135 heures d'éclairage.



Image: Close-up view of the Klarus RS80GT showing both the DC and USB-C charging input ports.

## OPERATING INSTRUCTIONS

### Main Flashlight Operation

The RS80GT utilizes three XHP70.2 LEDs for its main beam, offering multiple brightness levels and special modes.

- **Power On/Off:** Press and hold the main power button for 1 second to turn the flashlight on or off.
- **Mode Selection:** With the flashlight on, short press the main power button to cycle through brightness levels (e.g., Low, Medium, High, Turbo).
- **Strobe/SOS:** Double-click the main power button to activate Strobe mode. Double-click again for SOS mode.



Image: Diagram illustrating the three XHP70.2 LEDs, battery pack, USB port, and intelligent thermal protection system of the RS80GT.



Image: A person demonstrating the powerful 10000 lumens beam of the Klarus RS80GT flashlight illuminating a large outdoor area at night.



## Foldable Table Lamp Function

The RS80GT includes a convenient foldable table lamp for soft, diffused lighting.

- **Activate:** Locate the foldable lamp panel on the side of the flashlight. Gently pull it out and adjust to the desired angle (up to 150°).
- **Power On/Off:** Use the dedicated table lamp button to turn the lamp on or off.
- **Brightness:** Short press the table lamp button to cycle through available brightness levels.



Image: A hand activating the foldable table lamp on the Klarus RS80GT, providing soft illumination for reading or ambient light.

## USB Power Bank Function

The integrated power bank allows you to charge other devices using the flashlight's battery.

- **Connect Device:** Plug your mobile phone or other USB-powered device into the USB output port on the flashlight.
- **Charging:** The flashlight will automatically begin charging the connected device.



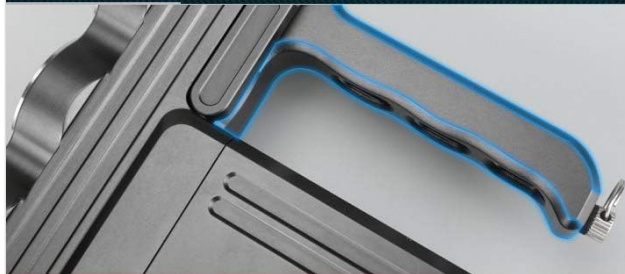
Image: A mobile phone connected to the Klarus RS80GT via a USB cable, illustrating the power bank functionality.

## Lockout Function

To prevent accidental activation, the RS80GT features a lockout function.

- **Activate Lockout:** With the flashlight off, click and hold both the main power button and the table lamp button simultaneously for 2 seconds. The flashlight will flash to indicate lockout is active.
- **Deactivate Lockout:** Perform a quick triple-click on either button to unlock the flashlight.

## RS80GT Highlights



### Ergonomic Design

Designed for a better grip with a "wave" feature to aid grip and increased comfort.

### Intuitive Switch

Control by touch enables quick UI selection even in the dark.



### Tripod and Shoulder Strap Support

Perfect for camping use and wilderness exploration

### Lockout Function

Click and hold both switches for 2 seconds to enter lockout. Quick triple-click to unlock.



Image: Diagram highlighting the intuitive switch design and the lockout function icon on the Klarus RS80GT.

## MAINTENANCE

### Cleaning

- Wipe the flashlight body with a soft, damp cloth. Avoid abrasive cleaners.
- Keep the lens clean for optimal light output. Use a lens cleaning cloth if necessary.

### Storage

- Store the flashlight in a cool, dry place away from direct sunlight.
- For long-term storage, ensure the battery is partially charged (around 50%) and recharge every 3-6 months to



maintain battery health.

## Water Resistance

The RS80GT has an IPX7 waterproof rating, meaning it can withstand immersion in water up to 1 meter for 30 minutes. Ensure all ports are securely closed before exposure to water.

### IPX7 Waterproof Rating

Professional grade weather protection to brave anything nature can throw at you



Image: The Klarus RS80GT flashlight being exposed to water, demonstrating its IPX7 waterproof capability.

## TROUBLESHOOTING

- **Flashlight not turning on:** Ensure the battery is charged. Check if the lockout function is active (deactivate with a quick triple-click).
- **Dim light output:** Recharge the battery. Clean the lens.
- **Charging issues:** Ensure the charging cable is properly connected and the power source is functional. Try a different charging cable or adapter.
- **Overheating:** The flashlight has an intelligent thermal protection system. If it becomes too hot, it will automatically reduce brightness. Allow it to cool down.



## TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Klarus
Model	RS80GT
Product Dimensions (L x W x H)	17.5 x 5.26 x 15.19 cm
Item Weight	1.25 Kilograms
Battery(ies)	Integrated Lithium-ion (6 cells, 20400mAh total)
Material	Aluminum
Number of Bulbs	3 (XHP70.2 LEDs)
Luminous Flux (Max)	10000 Lumens
Beam Distance (Max)	570 meters
Power	73.4 Watts
Voltage	12.6 Volts
Special Features	Rechargeable, USB Power Bank, Foldable Table Lamp, Intelligent Thermal Protection, Lockout Function
Power Source Type	Battery Powered
Waterproof Rating	IPX7
Impact Resistance	1 meter
Included Components	Charging Cable, Shoulder Strap

# ANSI

\*Data are based on KLARUS lab tests. Actual results may differ based on usage and conditions.

Mode Specification	1	2	3	4	5	6	Table Lamp	Strobe	SOS
Light on	⦿ ⦿ ⦿	⦿ ⦿ ⦿	⦿ ⦿ ●	⦿ ⦿ ●	● ⦿ ●	● ⦿ ●	—	⦿ ⦿ ⦿	⦿ ⦿ ●
ANSI lumens (LM)	10000	3000	1000	500	100	30	100	10000	500
Runtime(h)	1.5	3	8.5	16	84	135	80	3	48
Beam intensity(cd)	85200	25600	4900	3900	700	160	25	—	—
Beam distance(m)	570	320	140	125	53	25	10	—	—
Impact resistance(m)	1								
Waterproof	IPX7								

Image: ANSI standard performance table for the Klarus RS80GT, detailing lumens, runtime, beam intensity, and distance for various modes.







Image: Diagram showing the physical dimensions of the Klarus RS80GT flashlight.



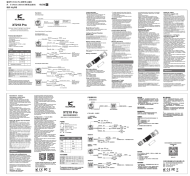

## WARRANTY AND SUPPORT

Klarus products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included in your product packaging or visit the official Klarus website. If you encounter any issues or require technical assistance, please contact Klarus customer support through their official channels.

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### Related Documents - RS80GT

	<p><a href="#">Klarus E5 Compact LED Flashlight: User Manual &amp; Specifications</a></p> <p>Explore the Klarus E5, a powerful 470-lumen LED flashlight featuring a magnetic base, USB-C charging, and IPX4 water resistance. This guide covers specifications, operation, and safety.</p>
	<p><a href="#">KLARUS XT11GT Pro Tactical Flashlight User Manual - Specifications and Operation</a></p> <p>Comprehensive user manual for the KLARUS XT11GT Pro tactical flashlight, detailing specifications, package contents, operation modes, battery information, warranty, and maintenance.</p>

	<p><a href="#">Klarus HM2 Headlamp User Manual: Features, Operation, and Specifications</a></p> <p>Comprehensive user manual for the Klarus HM2 headlamp, detailing its features, product parameters, operation modes, battery replacement, headband installation, usage, maintenance, and warranty information.</p>
	<p><a href="#">Klarus EP11 Tactical Flashlight User Manual   Features, Operations, and Warranty</a></p> <p>Comprehensive user manual for the Klarus EP11 tactical flashlight. Learn about its features, specifications, operations, battery installation, charging, maintenance, and warranty information.</p>
	<p><a href="#">KLARUS XT21X PRO Flashlight User Manual</a></p> <p>Comprehensive user manual for the KLARUS XT21X PRO tactical flashlight, detailing its advanced features, operation modes, specifications, charging, and safety guidelines.</p>
	<p><a href="#">Klarus GL6 Flashlight User Manual</a></p> <p>Official user manual for the Klarus GL6 tactical flashlight, covering features, operation, specifications, and safety guidelines for optimal use.</p>