## RovyVon E3-G1 Grey Cool White + Cool White G1

# RovyVon E3 Plus Keychain Flashlight User Manual

**Brand:** RovyVon

**Model:** E3-G1 Grey Cool White + Cool White G1

## Introduction

The RovyVon E3 Plus Keychain Flashlight is a compact and powerful illumination tool designed for everyday carry, camping, hiking, and emergency situations. It features a high lumen output, dual power options, and a robust, waterproof design.

This flashlight provides 700 lumens of brightness with four regular beam modes and an emergency signal flash, ensuring readiness for any situation. Its quad-click lockout feature prevents accidental activation in your bag or pocket, indicated by blue flashes when locked and green when ready.

Enjoy the convenience of a built-in rechargeable battery for daily use, with the option to switch to external AAA batteries for extended adventures. Measuring just 2.6 inches in length and weighing 1.1oz, it's designed for seamless integration into your outdoor gear. The glow-in-the-dark indicator on the rubber seal helps you locate your flashlight easily in low-light conditions. Rapid USB-C charging allows for a full charge in just 1 hour, and you can continue using the flashlight while it charges.




Figure 1: RovyVon E3 Plus Keychain Flashlight, showcasing its compact design and dual buttons.

## Setup

### Battery Installation (AAA)

The RovyVon E3 Plus supports external AAA batteries for extended use. To install or replace an AAA battery:

1. Locate the battery compartment on the flashlight.
2. Press up and down on the flashlight body with the fingers of your left hand, then use your right hand to pull the plate to unlock and open the compartment.

3. Insert a fresh AAA battery into the compartment, ensuring correct polarity.
4. Close the compartment securely until it clicks into place.




Figure 2: Illustrates the process of replacing the AAA backup battery. Note: AAA battery is not included.

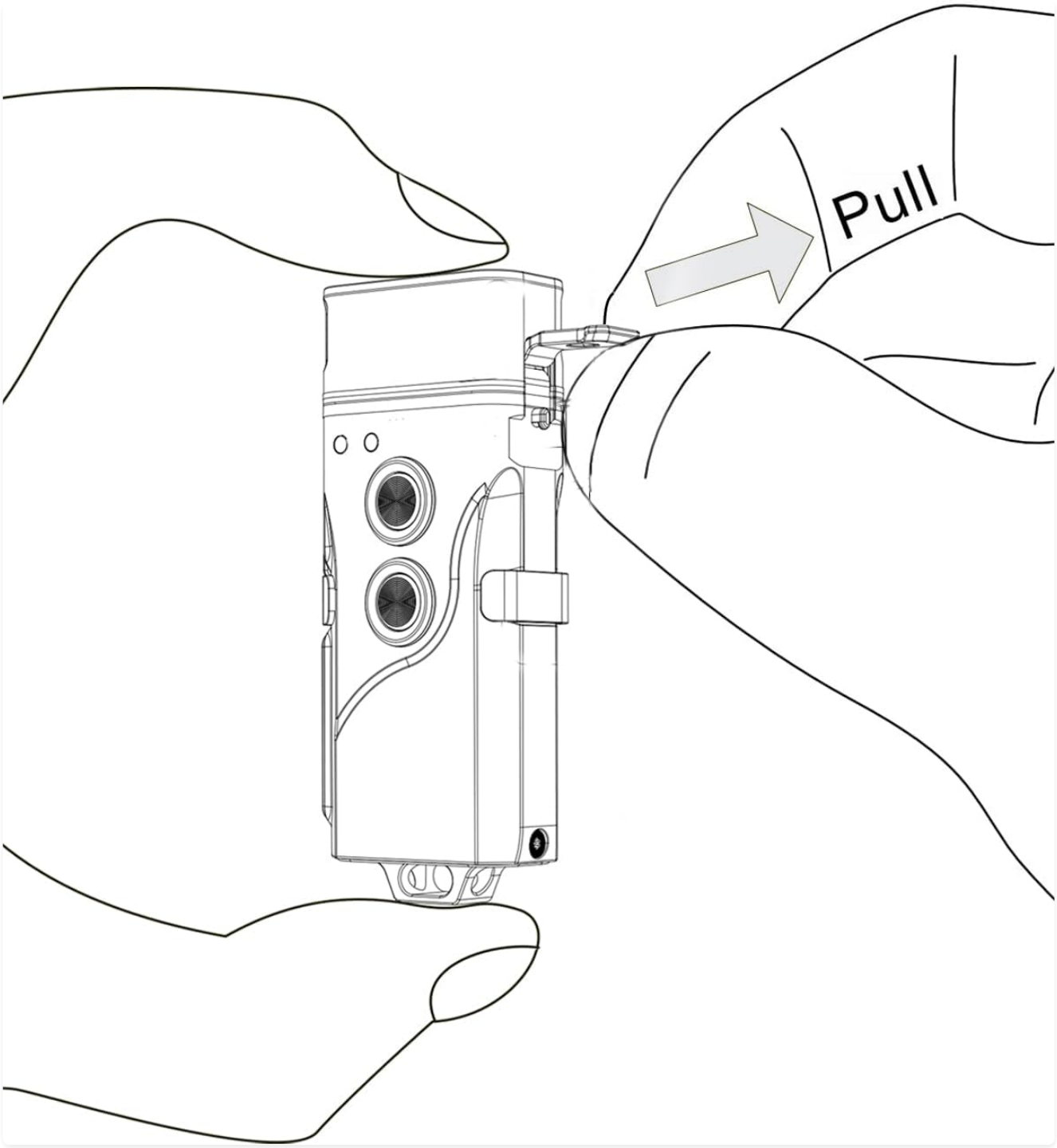



Figure 3: Diagram showing how to pull the plate to open the battery compartment.

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Video 1: Demonstrates how to replace the AAA battery and charge the internal LiPo battery.

## Charging (USB-C)

The internal rechargeable battery can be charged via USB-C. To charge your flashlight:

1. Locate the USB-C charging port on the side of the flashlight.
2. Plug a USB-C cable into the port.
3. Connect the other end of the cable to a power source (e.g., USB wall adapter, computer USB port).
4. A blue breathing light indicates charging. The blue light will remain constantly on when fully charged.
5. The flashlight can be used while charging.

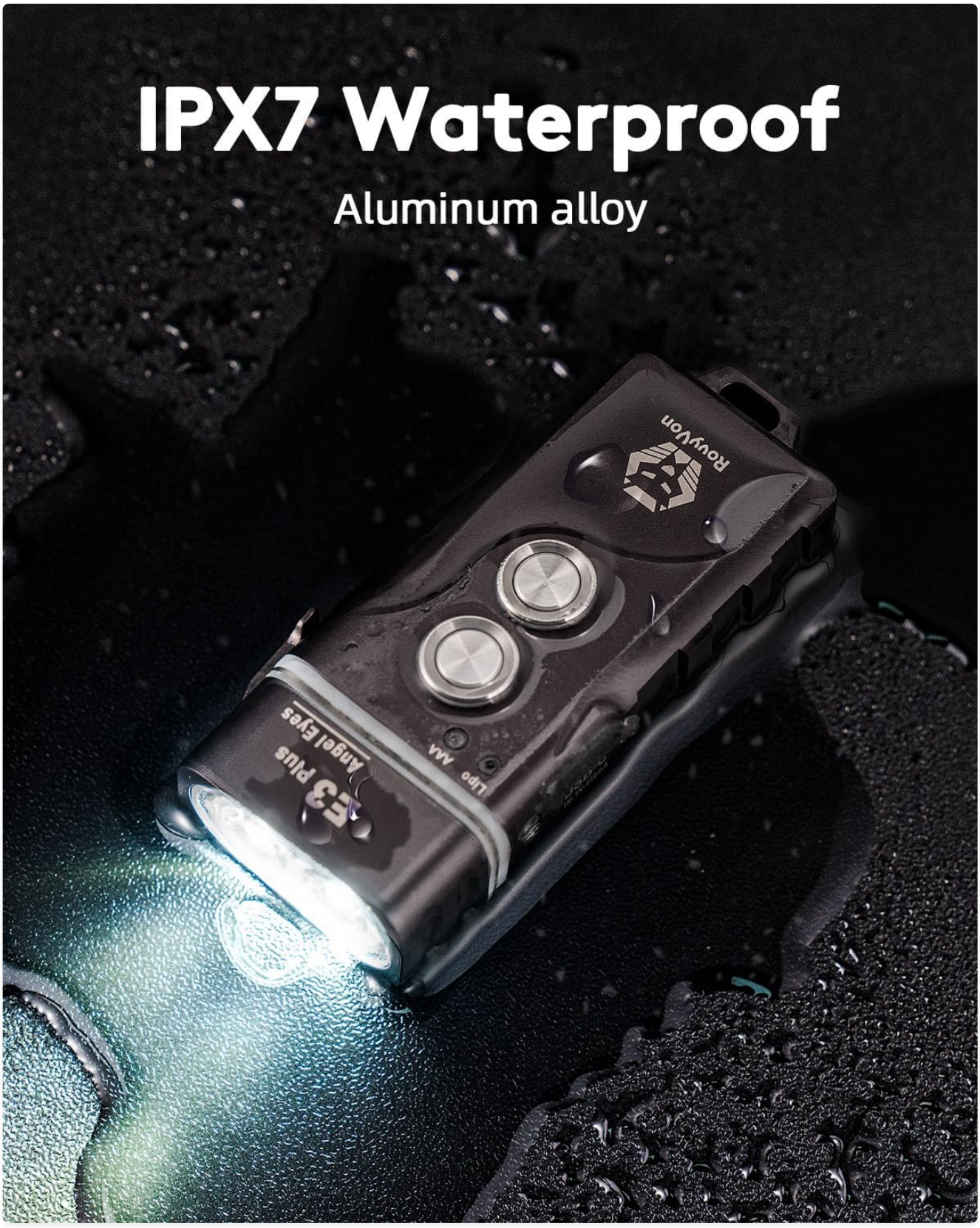



Figure 4: The flashlight connected to a USB-C charging cable.

## Lockout Mode

To prevent accidental activation, the flashlight features a lockout mode:

- From the OFF state, rapidly click either button four times (quad-click).
- A blue flash indicates the flashlight is locked.
- Repeat the quad-click to unlock the flashlight. A green flash indicates it is unlocked and ready for use.




Figure 5: Demonstrates the lockout/unlock feature to prevent accidental activation.

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Video 2: Shows the user interface, including how to activate and deactivate the lockout mode.

## Operating Instructions

### Button Functions

The RovyVon E3 Plus features two main buttons for operation:

- **Top Button:**
  - Single Click: Activates Moonlight mode (very dim). Click again to turn off.
  - Double Click: Turns on the last remembered light setting (cycles between Low, Medium, High). Press and hold to turn off.
- **Bottom Button:**
  - Press and Hold: Activates the brightest mode (momentary on). Release to turn off.
  - Triple Click: Activates Strobe/Emergency mode.

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Video 3: Demonstrates the various light modes and button functionalities.

## Maintenance

### Water Resistance

The RovyVon E3 Plus is IPX7 waterproof, meaning it can withstand immersion in water up to 1 meter for 30 minutes. Ensure the USB-C port cover is securely closed to maintain water resistance.

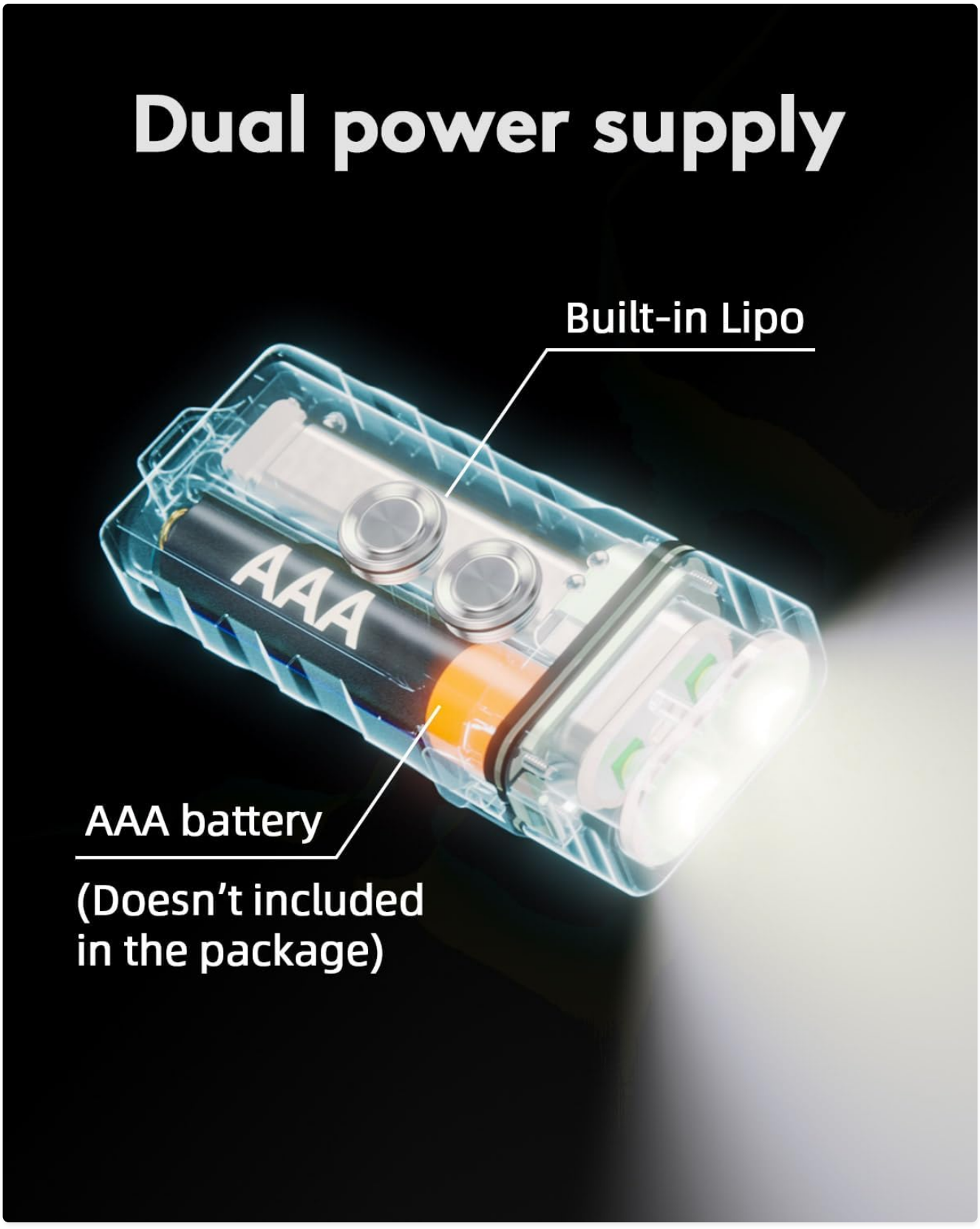



Figure 6: The flashlight submerged in water, demonstrating its IPX7 waterproof rating.

### Glow-in-the-Dark Feature

The rubber seal on the flashlight head glows in the dark after exposure to light, making it easy to locate in dark environments. No special maintenance is required for this feature.

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Video 4: Demonstrates the glow-in-the-dark feature of the flashlight after exposure to UV/strong light.

## Troubleshooting

- **Accidental Activation:** If the flashlight turns on unexpectedly in your pocket or bag, ensure you are using the quad-click lockout feature as described in the Setup section.
- **Low Brightness/No Power:** Check the battery level. If using the internal battery, recharge it via USB-C. If using an AAA battery, replace it with a fresh one. The dual power option ensures continuous lighting.
- **Difficulty Locating in Dark:** Allow the flashlight's rubber seal to be exposed to light for a period to activate its glow-in-the-dark indicator.

## Specifications

| Feature | Value |
|---|---|
| Special Feature | Dual power source |
| Color | E3-G1 Grey Cool White + Cool White |
| Power Source | Battery Powered |
| Light Source Type | LED |
| Material | Aluminum |
| White Brightness | 700 Lumens |
| Product Dimensions | 2.6"D x 1.1"W x 0.5"H |
| Voltage | 3.7 Volts |
| Battery Cell Composition | Lithium Polymer |
| Item Weight | 1.13 ounces (32 Grams) |
| Number of Batteries | 1 LR44 batteries required. (included) |
| Water Resistance Level | Waterproof (IPX7) |
| Runtime | 1 hour (on highest setting) |
| Manufacturer | RovyVon |
| Item model number | E3-YZ |
| Country of Origin | Switzerland |

## What's in the Box

- RovyVon E3 Flashlight x 1
- Key Ring x 1
- Pocket Clip x 1

## Warranty and Support

For warranty information or technical support, please contact RovyVon directly through their official website or the retailer where the product was purchased.