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**RovyVon E30PROURW-H**

# RovyVon E30 Pro Marble USB-C Rechargeable EDC Flashlight User Manual

Model: E30PROURW-H | Brand: RovyVon

Product Overview | What's in the Box | Setup | Operation | Battery Management | Maintenance | Troubleshooting | Specifications | Warranty & Support

## 1. Product Overview

The RovyVon E30 Pro Marble USB-C Rechargeable EDC Flashlight is a versatile and powerful illumination tool designed for everyday carry and emergency situations. It features a robust build, multiple light modes, and intelligent sensor technology.

### Key Features

- **Premium Build Quality:** Constructed from durable aluminum alloy with a sophisticated marble finish achieved through Micro-arc Oxidation, ensuring both durability and an elegant appeal.
- **Powerful Illumination:** Equipped with an advanced LED capable of emitting a maximum of 3500 lumens with a color temperature range of 7000K to 7500K, providing exceptional brightness and clarity for various lighting needs.
- **Intelligent Proximity Sensor:** Incorporates a proximity sensor that automatically adjusts light output to 100 lumens when the flashlight detects nearby objects in Medium, High, or Turbo modes. This feature enhances safety and convenience by adapting to the surrounding environment.
- **Convenient Battery Management:** Features a 3000mAh power with efficient USB-C charging capabilities, allowing for a quick charge time of 1.5 hours. The intuitive indicator provides real-time feedback on battery levels, ensuring users are always aware of their remaining power.
- **Versatile Operation:** EDC switch/Emergency switch/Sidelight switch offers versatile operation for different functionalities, which include eco mode/memorized mode/emergency mode/side light mode for personalized usage.




Figure 1.1: Main view of the RovyVon E30 Pro Flashlight.

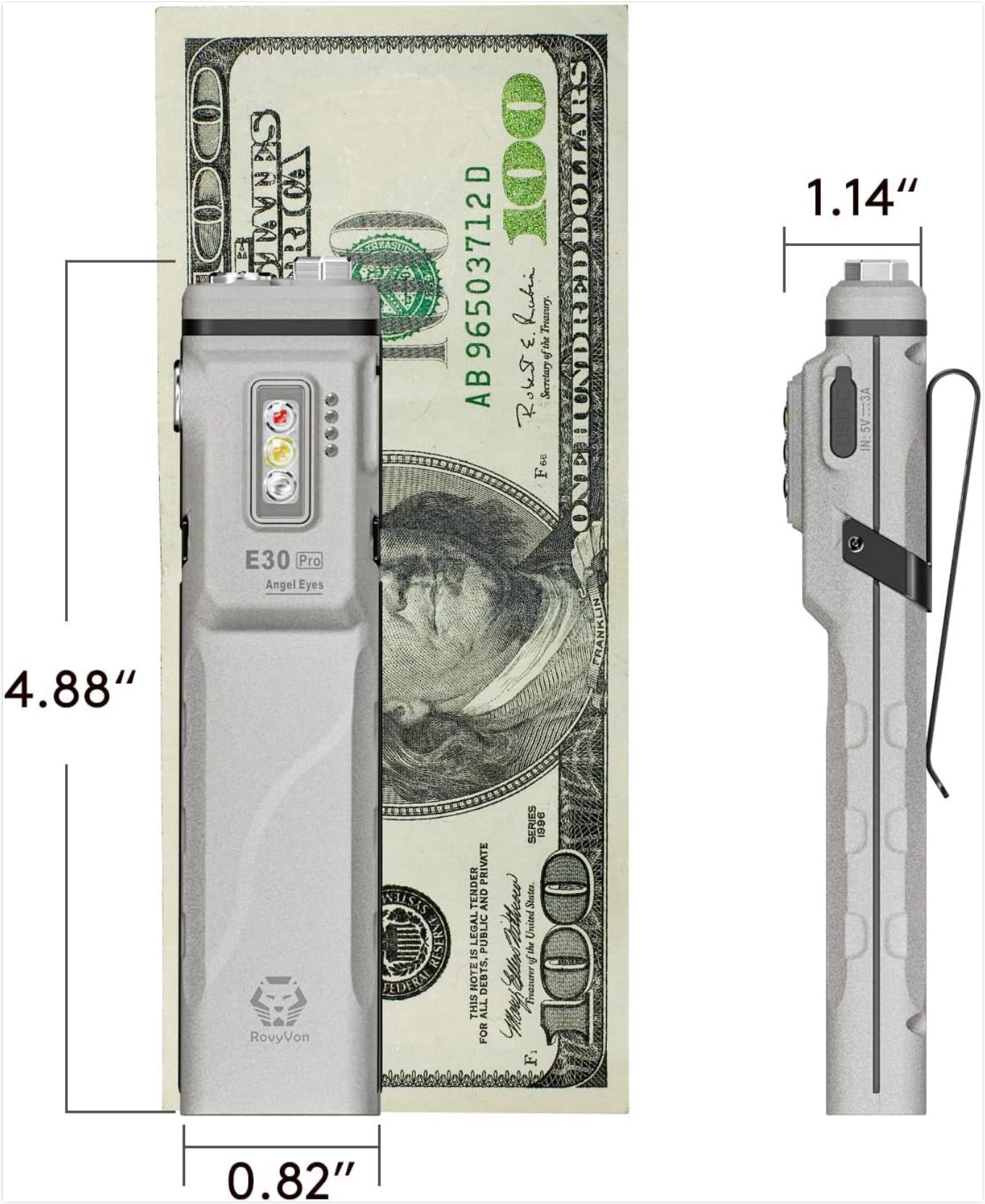



Figure 1.2: Dimensions of the RovyVon E30 Pro Flashlight (4.88" x 0.82" x 1.14").

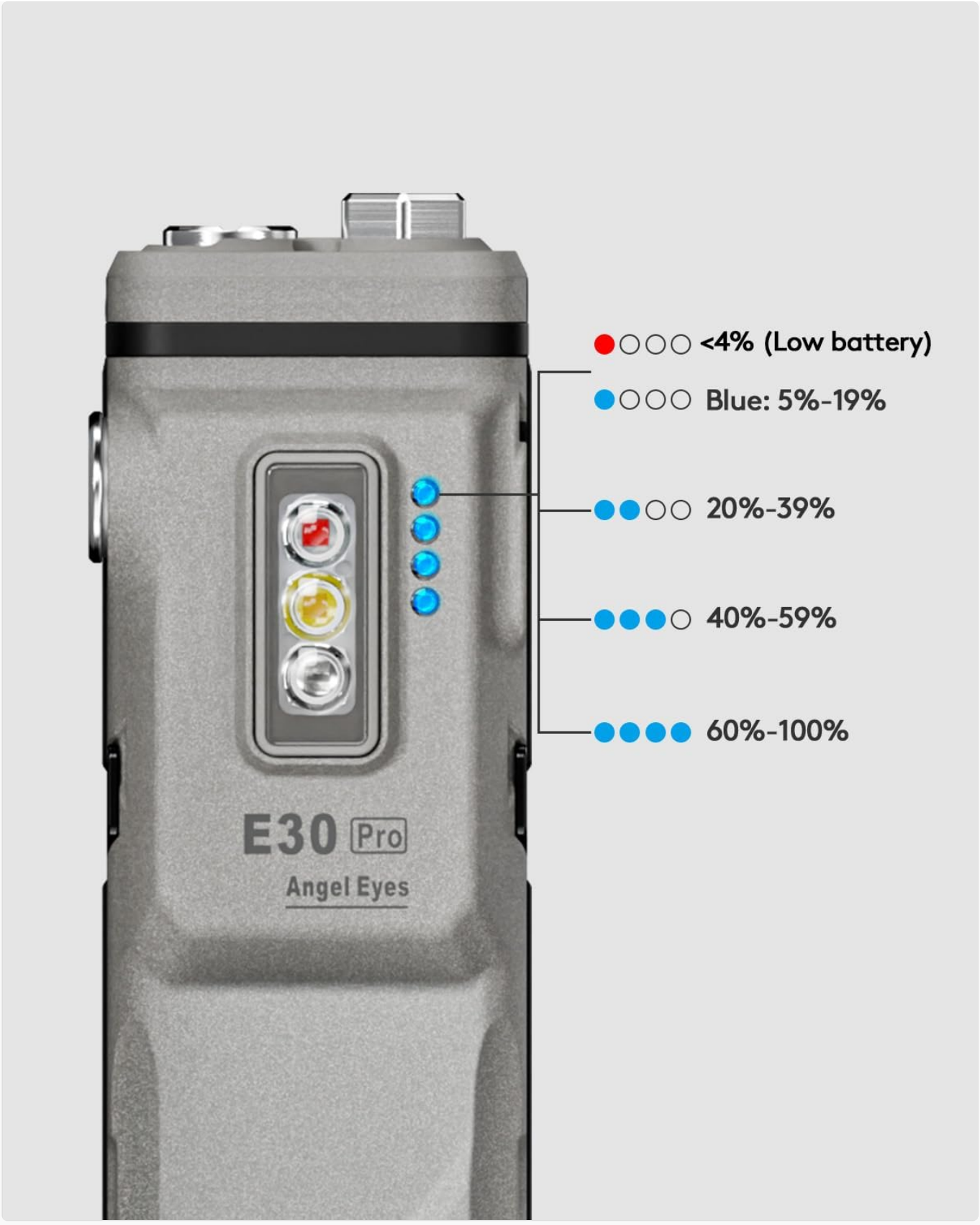



Figure 1.3: Close-up of the RovyVon E30 Pro showing the battery level indicator lights.

## 2. What's in the Box

Ensure all the following items are included in your product package:

- RovyVon E30 Pro Flashlight (with integrated battery)
- USB-C Cable

- Pocket Clip
- Lanyard
- USB Port Cover

## 3. Setup

### Initial Charging

Before first use, fully charge your RovyVon E30 Pro flashlight. The device comes with a built-in 3000mAh lithium-polymer battery.

1. Locate the USB-C charging port on the flashlight.
2. Connect the provided USB-C cable to the flashlight's charging port.
3. Connect the other end of the USB-C cable to a compatible USB power source (e.g., wall adapter, computer USB port).
4. The battery indicator lights will show charging progress. A full charge typically takes approximately 1.5 hours. Refer to the "Battery Management" section for details on indicator lights.

Modes specifications

| FRONT LIGHT | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Specs\Modes** | **Eco** | **Low** | **Med** | **High** | **Turbo** | | | |
| **Output** | 10lms | 60lms | 200lms | 1000lms | 3500lms* | | | |
| **Runtime** | 67hrs | 23hrs | 8.5hrs | 1.7hrs | / | | | |
| **Intensity** | / | / | 700cd | 3000cd | 10000cd | | | |
| **Beam distance** | / | / | 50m | 100m | 200m | | | |
| **SIDELIGHTS** | | | | | | | | |
| **UV/RED/WHITE** | **Specs\Modes** | **Low (W)** | **High (W)** | **Low (R)** | **High (R)** | **Flash (R)** | **Beacon (R)** | **UV** |
| | **Output** | 1lm | 100lms | / | / | / | / | / |
| | **Runtime** | 500hrs | 12hrs | 37hrs | 11hrs | / | / | 10hrs |

Figure 3.1: The USB-C charge port and battery indicator lights, showing a full charge in 1.5 hours.

## 4. Operation

### General Controls

The RovyVon E30 Pro features multiple switches for versatile operation:

- **EDC Switch:** Controls the main front light modes (Eco, Low, Med, High, Turbo).
- **Emergency Switch:** Activates specific emergency modes.
- **Sidelight Switch:** Controls the various sidelight functions (White, Red, UV).

### Light Modes and Specifications

The flashlight offers a range of modes for different lighting needs. Refer to the table below for detailed specifications of each mode.




Figure 4.1: Detailed specifications for Front Light and Sidelight modes, including output, runtime, intensity, and beam distance.

## Intelligent Proximity Sensor

The E30 Pro is equipped with a proximity sensor to prevent overheating and accidental high-output discharge. When the flashlight is in Medium, High, or Turbo mode and detects an object within close proximity, it will automatically reduce the light output to 100 lumens. This feature helps conserve battery and prevents potential damage from excessive heat.

## Usage Scenarios

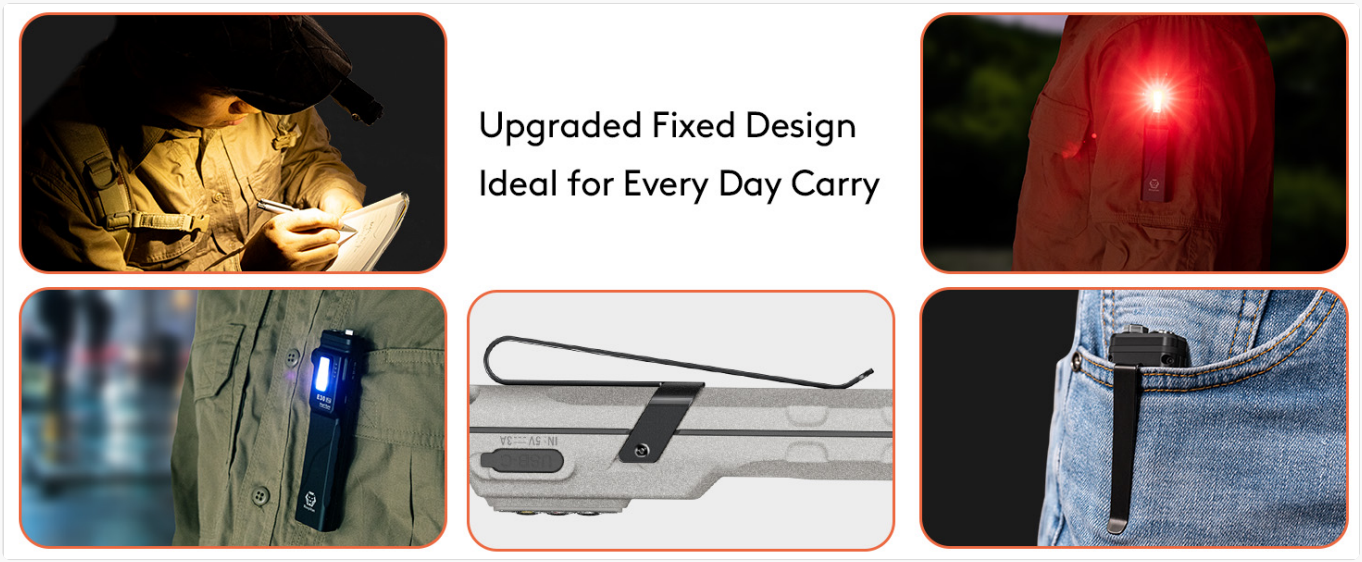



Figure 4.2: The E30 Pro's versatile design makes it ideal for various everyday carry applications, including UV detection, emergency signaling with red light, and hands-free illumination with its clip.



Figure 4.3: The unique grooves on the flashlight body provide a better and more secure grip during use.

## 5. Battery Management

### Charging

The RovyVon E30 Pro is equipped with a 3000mAh rechargeable lithium-polymer battery. To charge, use the included USB-C cable and connect it to a 5V/2A power source. A full charge takes approximately 1.5 hours.

### Battery Level Indicator

The flashlight features an intuitive battery level indicator system, located near the main light. The indicator lights provide real-time feedback on the remaining battery power:

- **Red (flashing):** <4% (Low battery)
- **Blue (1 light):** 5%-19%
- **Blue (2 lights):** 20%-39%
- **Blue (3 lights):** 40%-59%
- **Blue (4 lights):** 60%-100%

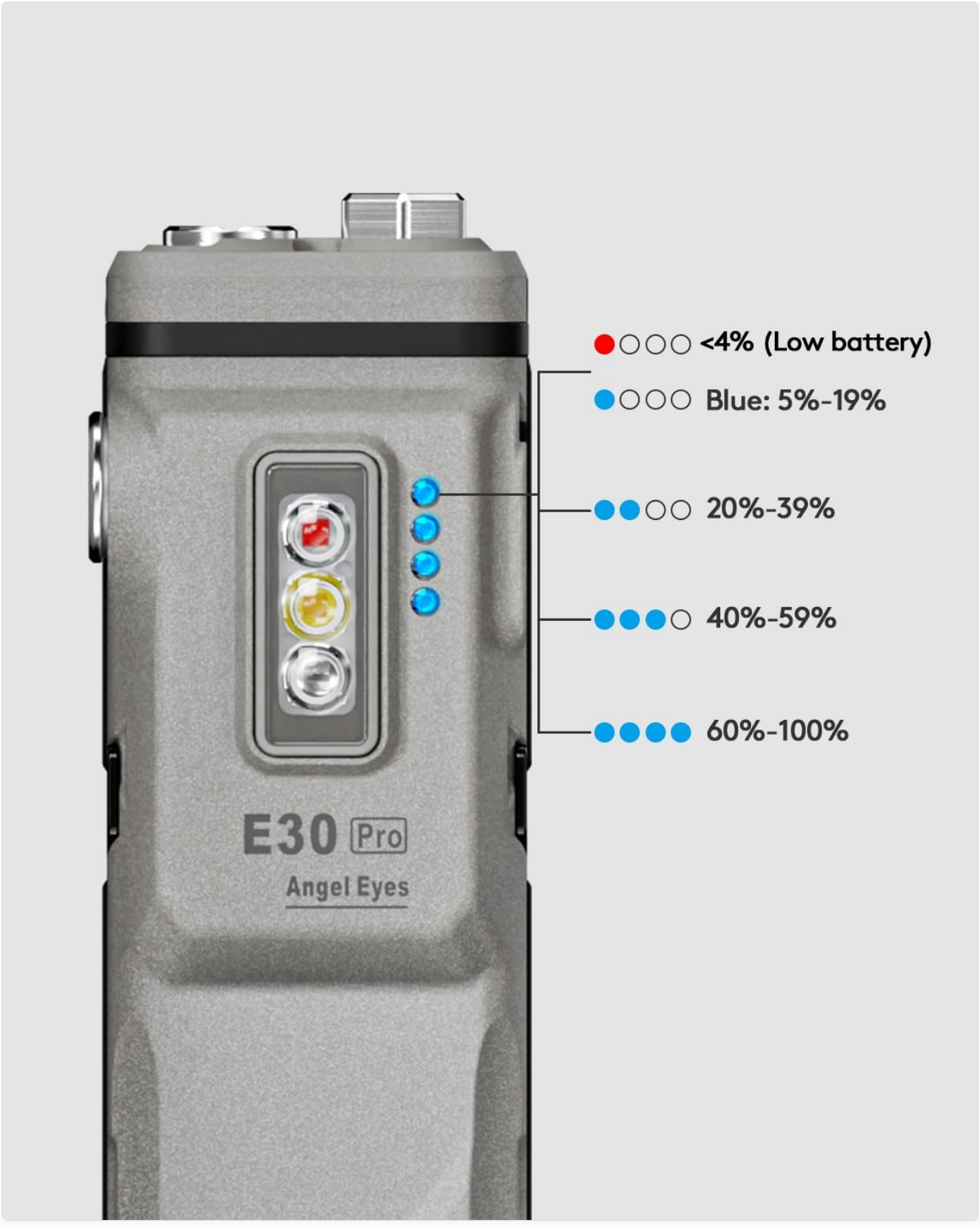



Figure 5.1: Visual representation of the battery level indicator lights.

## Battery Runtime

The battery life varies significantly depending on the mode used:

- Up to 67 hours of front light in Eco mode.
- Up to 500 hours of sidelight in Low (White) mode.

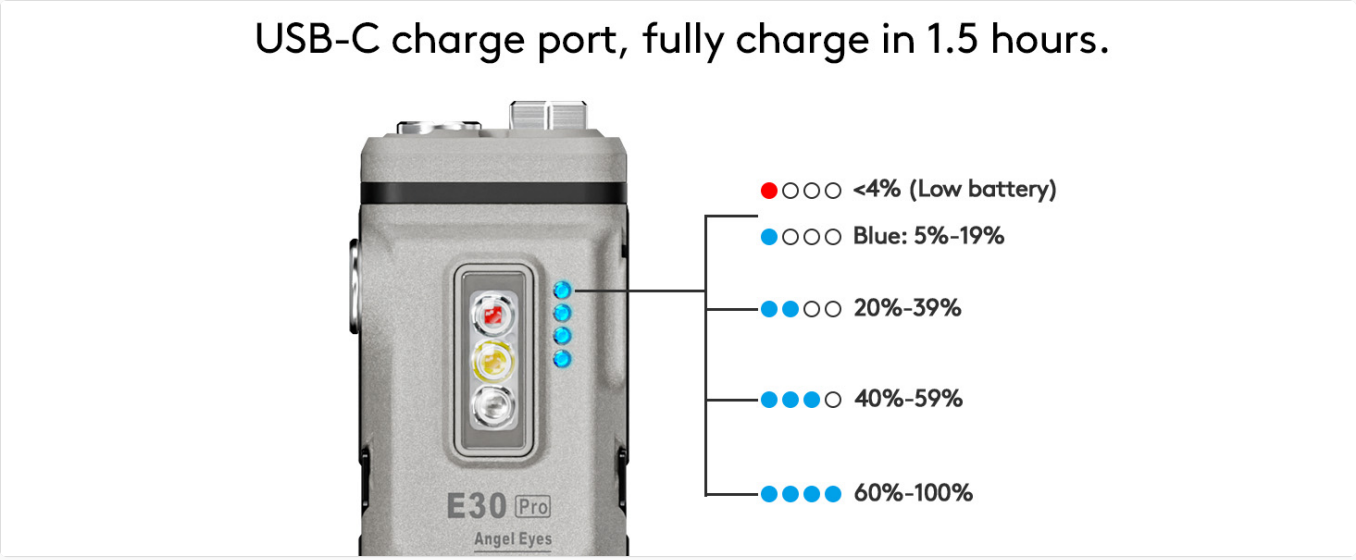



Figure 5.2: Illustrates the extended runtimes for both front and sidelight modes.

## 6. Maintenance

### Cleaning

To maintain the performance and appearance of your RovyVon E30 Pro flashlight:

- Wipe the body with a soft, damp cloth. Avoid using abrasive cleaners or solvents.
- Ensure the USB-C port cover is securely closed when not charging to protect against dust and water.

### Water Resistance

The E30 Pro is designed to be waterproof. However, avoid prolonged submersion and ensure the USB port cover is sealed properly before exposure to water.

### Storage

Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, charge the battery to approximately 50% every 3-6 months to preserve battery health.

## 7. Troubleshooting

If you encounter issues with your RovyVon E30 Pro flashlight, refer to the following common problems and solutions:

- **Flashlight does not turn on:**
  - Ensure the battery is charged. Connect the flashlight to a USB-C power source and check the battery indicator.
  - Verify that the correct switch is being pressed for the desired light mode (EDC, Emergency, or Sidelight switch).
- **Flashlight not charging:**
  - Check the USB-C cable for damage and ensure it is properly connected to both the flashlight and the power source.
  - Try a different USB-C cable or power adapter.
  - Ensure the charging port is clean and free of debris.

- **Light output is low or inconsistent:**
  - The battery might be low. Recharge the flashlight.
  - The proximity sensor may have activated, reducing output to 100 lumens. Move the flashlight away from nearby objects.
  - Ensure the lens is clean.

If the issue persists after attempting these solutions, please contact RovyVon customer support for further assistance.

## 8. Specifications

| Feature | Detail |
|---|---|
| Model Number | E30PROURW-H |
| Brand | RovyVon |
| Material | Aluminum Alloy (Micro-arc Oxidation finish) |
| Light Source Type | LED |
| Max White Brightness | 3500 Lumens |
| Color Temperature | 7000K to 7500K |
| Power Source | Battery Powered |
| Battery Type | 1 x 3000mAh Lithium Polymer (included) |
| Charging Port | USB-C |
| Charging Time | Approx. 1.5 hours |
| Product Dimensions | 4.9"D x 1.15"W x 0.83"H (12.45 x 2.92 x 2.11 cm) |
| Item Weight | 2.89 ounces (0.08 kg) |
| Water Resistance Level | Waterproof |
| Special Features | Rechargeable, Proximity Sensor, Combo Switch (EDC/Emergency/Sidelight) |

## 9. Warranty & Support

### Warranty Information

The RovyVon E30 Pro Flashlight comes with a Limited Warranty provided by the manufacturer, RovyVon. Please retain your proof of purchase for warranty claims.

### Customer Support

For technical assistance, warranty claims, or any other inquiries regarding your RovyVon E30 Pro, please contact RovyVon customer support through their official channels. You can often find support contact information on the RovyVon official website or through the retailer where the product was purchased.

Visit the official RovyVon Store for more information and support:RovyVon Official Store

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