

## FANT.LUX T2509

# FANT.LUX Pocket Flashlight T2509 User Manual

Model: T2509

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the FANT.LUX Pocket Flashlight, Model T2509. Please read this manual thoroughly before using the device to ensure proper operation and to maximize its lifespan. Keep this manual for future reference.

## 2. PRODUCT FEATURES

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- **Compact and Portable Design:** Lightweight and small, designed for everyday carry.
- **Durable Construction:** Crafted from aluminum alloy for robust performance.
- **Dual Illumination:** Features a main LED beam and a side COB light.
- **Multiple Light Modes:** Offers 7 distinct lighting modes including high, low, strobe, and red/blue emergency flashes.
- **USB-C Rechargeable:** Equipped with a USB-C port for convenient charging of the integrated 500mAh battery.
- **Magnetic Base:** Allows for hands-free attachment to metallic surfaces.
- **Integrated Clip:** For secure attachment to clothing, hats, or gear.
- **Water Resistant:** IPX4 rated for protection against splashing water.
- **Impact Resistant:** Designed to withstand drops up to 2 meters (6.56 feet).



Figure 2.1: Overview of FANT.LUX T2509 Pocket Flashlight features.

## 3. SETUP

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### 3.1 Initial Charging

Before first use, fully charge the flashlight. Connect the provided USB-C cable to the flashlight's charging port and plug the other end into a compatible USB power source (e.g., computer, wall adapter). The charging indicator will show the charging status. A full charge typically takes approximately 2 hours.



Figure 3.1: Charging the flashlight via USB-C.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Power On/Off and Mode Selection

The flashlight features a single button for power control and mode cycling.

- **Main Light Modes:** Press the power button once to activate the main LED beam. Subsequent presses will cycle through: *High > Strobe > Off*
- **Side COB Light Modes:** Double-press the power button quickly to activate the side COB light. Subsequent presses will cycle through: *Low > Medium > High > Strobe > Red > Red/Blue Strobe > Off*.
- **Turning Off:** To turn off the flashlight from any mode, press and hold the power button for approximately 1 second.

## Dual Lights + 7 Modes, Handles Any Situation

Switch Between Brightness, Strobe, and Red/Blue Emergency Flashes



Figure 4.1: Overview of main and side light modes.

### 4.2 Using the Magnetic Base

The flashlight is equipped with a strong magnet at its base. This allows for hands-free operation by attaching the flashlight to any suitable metallic surface, such as car hoods, metal shelves, or electrical panels.



Figure 4.2: Flashlight attached via magnetic base.

### 4.3 Using the Integrated Clip

The integrated clip allows for convenient attachment to pockets, belts, backpack straps, or hat brims, providing directional lighting while keeping your hands free.



Figure 4.3: Flashlight clipped to a strap.

## 5. MAINTENANCE

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### 5.1 Cleaning

Wipe the flashlight with a soft, damp cloth to remove dirt or debris. Do not use abrasive cleaners or solvents, as these may damage the finish or internal components.

### 5.2 Storage

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

## 6. TROUBLESHOOTING

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- **Flashlight does not turn on:**

- Ensure the battery is charged. Connect to a USB-C power source and check the charging indicator.
- Verify the power button is being pressed correctly (single press for main light, double press for side light).

- **Flashlight does not charge:**

- Check the USB-C cable for damage and ensure it is securely connected to both the flashlight and the power source.
- Try a different USB-C cable or power adapter.
- Ensure the power source is active.

- **Light output is dim:**

- The battery may be low. Recharge the flashlight.
- Ensure the lens is clean and free of obstructions.

## 7. SPECIFICATIONS

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<b>Model Number</b>	T2509
<b>Brand</b>	FANT.LUX
<b>Material</b>	Aluminum
<b>Light Source Type</b>	LED
<b>Power Source</b>	Battery Powered (USB-C Rechargeable)
<b>White Brightness</b>	600 Lumens (Main Light)
<b>Battery Type</b>	Lithium Polymer (500mAh)
<b>Charging Time</b>	Approx. 2 hours
<b>Runtime</b>	2-12 hours (depending on mode)
<b>Water Resistance Level</b>	IPX4 (Water Resistant)
<b>Product Dimensions</b>	4.45"D x 0.4"W x 1"H (11.3cm x 1cm x 2.6cm)
<b>Item Weight</b>	8.1 ounces (approx. 40g / 1.41oz including battery)

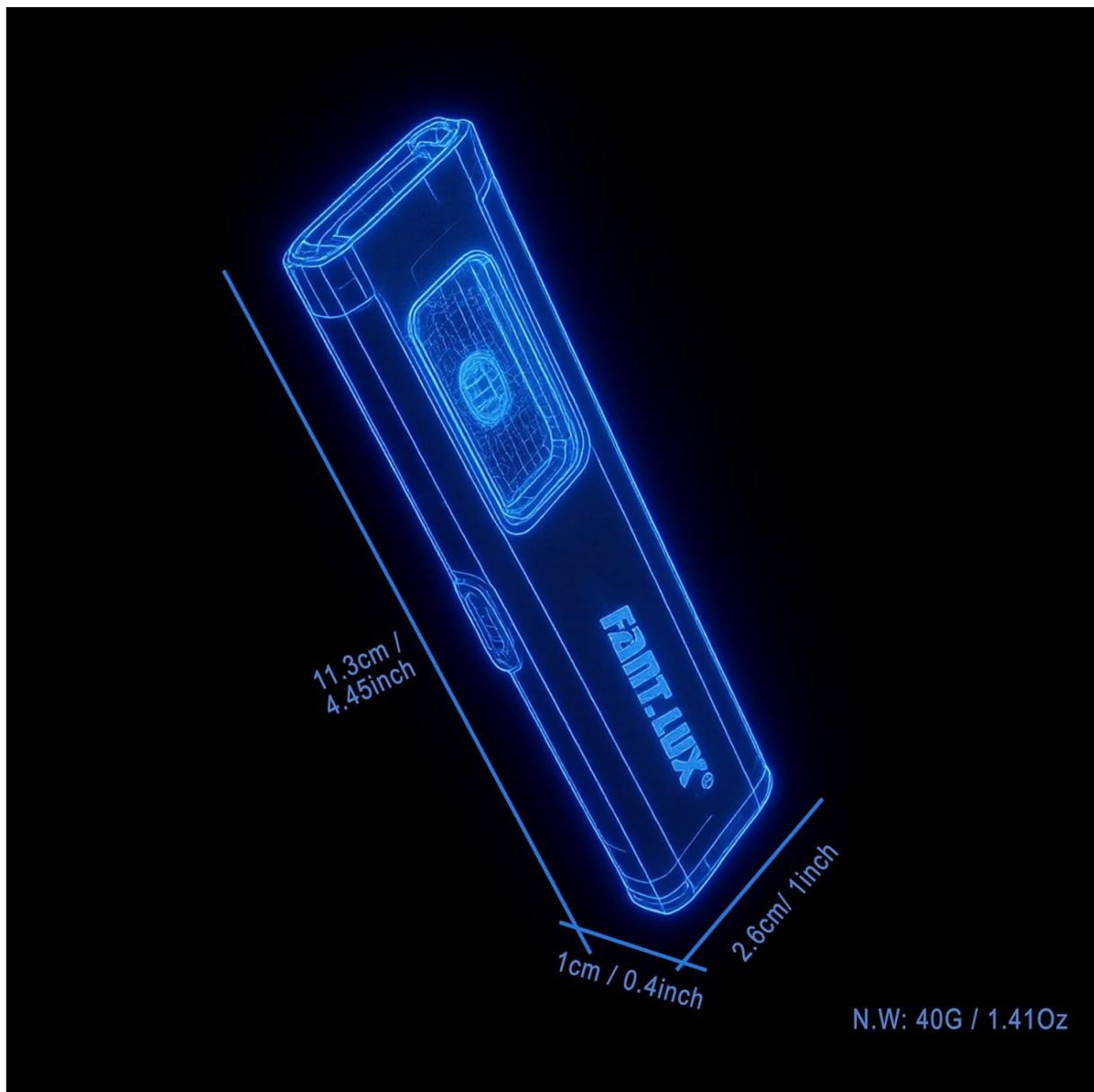


Figure 7.1: Product dimensions.

## 8. WARRANTY AND SUPPORT

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The FANT.LUX Pocket Flashlight T2509 is backed by a comprehensive warranty. For warranty claims, technical support, or any inquiries regarding your product, please contact FANT.LUX customer service through the retailer where the product was purchased or visit the official FANT.LUX store page on Amazon.

**Amazon Store Link:** [FANT.LUX Store](#)