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Mankerlight LAD III

Mankerlight LAD III USB-C Rechargeable Flashlight User Manual

Model: LAD III

1. Introduction

The Mankerlight LAD III is a compact and powerful USB-C rechargeable flashlight designed for everyday carry and various utility applications. It features dual SST20 LED emitters and a customized TIR lens, providing a maximum output of 1020 lumens and a beam distance of 70 meters. This manual provides essential information for the safe and effective use of your LAD III flashlight.



Image 1.1: Top-down view of the Mankerlight LAD III flashlight.

2. Package Contents

Please check the package for the following items:

- 1x Mankerlight LAD III Flashlight
- 1x Type-C USB Charging Cable
- 1x User Manual (this document)

3. Setup

3.1 Initial Charging

The LAD III features a built-in 500mAh polymer lithium battery and a USB-C charging port. Before first use, fully charge the device.

1. Locate the USB-C charging port on the side of the flashlight.

2. Connect the provided Type-C USB charging cable to the flashlight and a compatible USB power source (e.g., computer, wall adapter).
3. The LED indicator will show charging status. Refer to the 'LED Indication' section for details.
4. Once fully charged, disconnect the cable.

3.2 First Use

After charging, the flashlight is ready for operation. Familiarize yourself with the button placement and basic functions.



Image 3.1: Front view of the LAD III, highlighting the LED emitters.

4. Operating Instructions

4.1 Power On/Off

- **To Turn On:** Press the power button once. The flashlight will activate in the last used general mode (Low, Medium, or High).
- **To Turn Off:** Press and hold the power button for approximately 0.5 seconds.

4.2 Mode Switching

The LAD III offers multiple lighting modes:

- **General Modes (Low, Medium, High):** While the flashlight is on, single-click the power button to cycle through Low → Medium → High.
- **Moonlight Mode:** From the OFF state, press and hold the power button for approximately 1 second to activate Moonlight mode. Single-click to cycle through Mo1 → Mo2 → Mo3.
- **Turbo Mode:** From any ON state, double-click the power button to activate Turbo mode. Double-click again to return to the previous mode.
- **Special Modes (Strobe, Beacon, SOS):** From any ON state, triple-click the power button to activate Strobe. Single-click to cycle through Strobe → Beacon → SOS. Triple-click again to return to the previous mode.

4.3 Lock-Out Function

To prevent accidental activation, use the Lock-Out function:

- **Activate Lock-Out:** From the OFF state, press and hold the power button for more than 5 seconds. The flashlight will flash 4 times at maximum brightness to indicate activation.
- **Deactivate Lock-Out:** Press and hold the power button for approximately 2 seconds. The flashlight will turn on directly to the last memorized level.

4.4 Programmable Moonlight Levels (Engineering Mode)

For flashlight enthusiasts, the LAD III allows programming of moonlight levels. Refer to the official Mankerlight website or advanced user forums for detailed instructions on accessing and adjusting these settings.

4.5 Smart LED Indication

The built-in LED indicator provides information on battery status and charging progress. Consult the product packaging or Mankerlight's official resources for a detailed legend of indicator behaviors.

5. Maintenance

5.1 Cleaning

- Wipe the flashlight body with a clean, soft cloth.
- Avoid using harsh chemicals or abrasive materials that could damage the finish or lens.

5.2 Battery Care and Storage

- Store the flashlight in a cool, dry place when not in use.
- Avoid prolonged exposure to extreme temperatures.
- For long-term storage, it is recommended to charge the battery to approximately 50% to prolong its lifespan.

6. Troubleshooting

If you encounter issues with your Mankerlight LAD III, refer to the following common problems and solutions:

- **Flashlight not turning on:**
    - Ensure the battery is charged. Connect to a USB-C power source.
    - Check if the Lock-Out function is active. Deactivate it as described in section 4.3.
- **Flashlight not charging:**
    - Verify the USB-C cable is properly connected to both the flashlight and the power source.

- Try a different USB-C cable or power adapter.

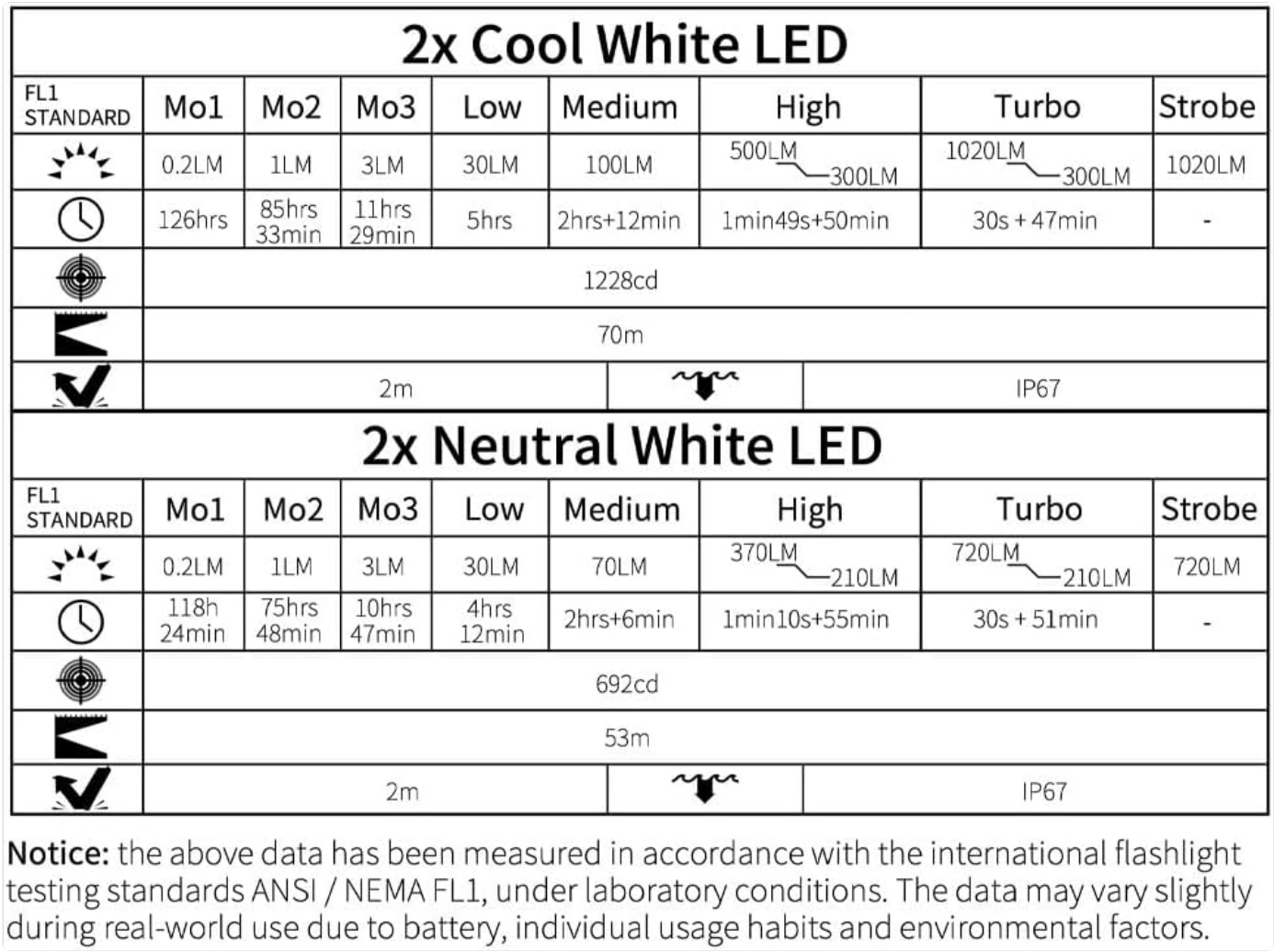
- **Low light output or short runtime:**
  - Ensure the battery is fully charged.
  - The battery's capacity may degrade over time with extensive use.

If problems persist, please contact Mankerlight customer support.

7. Specifications

The Mankerlight LAD III flashlight features the following specifications:

- **Light Output:** Max. 1020 lumens
- **Beam Distance:** Max. 70 meters
- **Run Time:** Max. 126 hours (0.2lm moonlight)
- **Light Sources:** 2x SST20 LED emitters
- **Body Material:** Aircraft-grade aluminum alloy with Type-III hard-anodized finish
- **Battery:** Built-in 500mAh polymer lithium battery
- **Charging:** USB-C rechargeable
- **Lighting Modes:** Moonlight (3 levels), General (Low, Medium, High), Turbo, Special (Strobe, Beacon, SOS), Lock-Out
- **Waterproof Rating:** IP67 rated
- **Impact Resistance:** 2 meters
- **Weight:** 33.4 grams / 1.18 oz
- **Dimensions:** 64.2 mm (length) x 26.0 mm (width) x 10.0 ~ 14.0 mm (thickness)
- **Lanyard Hole:** 4.0 mm / 0.16"
- **Special Features:** Intelligent temperature regulation, High efficiency constant current circuit (Non-PWM), Smart LED Indication technology, Easy-to-operate versatile user interface, Programmable moonlight levels.



2x Cool White LED

FL1 STANDARD	Mo1	Mo2	Mo3	Low	Medium	High	Turbo	Strobe
	0.2LM	1LM	3LM	30LM	100LM	500LM → 300LM	1020LM → 300LM	1020LM
	126hrs	85hrs 33min	11hrs 29min	5hrs	2hrs+12min	1min49s+50min	30s + 47min	-
	1228cd							
	70m							
	2m					IP67		

2x Neutral White LED

FL1 STANDARD	Mo1	Mo2	Mo3	Low	Medium	High	Turbo	Strobe
	0.2LM	1LM	3LM	30LM	70LM	370LM → 210LM	720LM → 210LM	720LM
	118h 24min	75hrs 48min	10hrs 47min	4hrs 12min	2hrs+6min	1min10s+55min	30s + 51min	-
	692cd							
	53m							
	2m					IP67		

Notice: the above data has been measured in accordance with the international flashlight testing standards ANSI / NEMA FL1, under laboratory conditions. The data may vary slightly during real-world use due to battery, individual usage habits and environmental factors.

Image 7.1: Performance data for Mankerlight LAD III (Cool White and Neutral White versions).

Note: The above data has been measured in accordance with the international flashlight testing standards ANSI / NEMA FL1, under laboratory conditions. The data may vary slightly during real-world use due to battery, individual usage habits, and environmental factors.

8. Warranty Information

Mankerlight provides a **5-year warranty** for the LAD III flashlight from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, unauthorized modifications, or normal wear and tear.

9. Customer Support

For further assistance, technical support, or warranty inquiries, please contact Mankerlight customer service through their official website or the retailer where the product was purchased.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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