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Mankerlight LAD III

Manker LAD III USB-C Rechargeable Flashlight User Manual

Model: LAD III

1. Introduction

The Mankerlight LAD III is a high-performance, ultra-compact USB-C rechargeable flashlight. Designed for everyday carry, it features a unibody construction for durability and lightweight portability. It utilizes two SST20 LED emitters and a customized TIR lens to deliver a soft, wide beam.

Key features include a maximum output of 1020 lumens, a beam distance of 70 meters, and a runtime of up to 126 hours in moonlight mode. The flashlight incorporates intelligent temperature regulation, a high-efficiency constant current circuit (Non-PWM), and a built-in USB-C charging port. Its user interface is designed for ease of operation, offering various lighting modes and a lockout function to prevent accidental activation. Enthusiasts can also program moonlight levels in engineering mode.

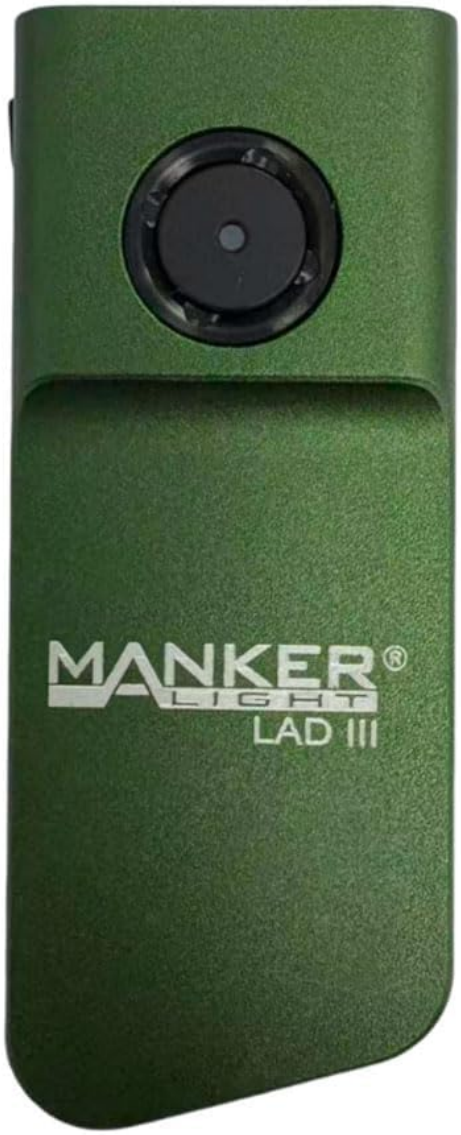


Image 1.1: The Manker LAD III flashlight, showcasing its compact design and green finish.

2. Package Contents

Please check the package contents upon receipt to ensure all items are present:

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

3. Product Overview

The Manker LAD III features a sleek, rectangular design with a single multi-function button on the top surface. The two SST20 LED emitters are located at one end, protected by a customized TIR lens. The USB-C charging port is integrated into the body for convenience.



Image 3.1: The Manker LAD III flashlight in an outdoor setting, highlighting its robust build.



Image 3.2: The compact size of the Manker LAD III, fitting comfortably in the palm of a hand.

4. Setup

The Manker LAD III comes with a built-in 500mAh polymer lithium battery. Before first use, it is recommended to fully charge the device.

1. **Initial Charge:** Connect the provided Type-C USB charging cable to the flashlight's USB-C port and to a standard USB power source (e.g., wall adapter, computer USB port).
2. **Charging Indication:** The smart LED indicator will show the charging status. Refer to the 'Charging' section for details on LED indications.
3. **Full Charge:** Once fully charged, disconnect the cable. The flashlight is now ready for use.

5. Operating Instructions

The Manker LAD III features an easy-to-operate versatile user interface. All functions are controlled via the single

side button.

5.1 Basic Operation

- **Turn On/Off:** Single click the button to turn the flashlight ON. Single click again to turn it OFF.
- **Mode Cycling (General Mode):** When ON, press and hold the button to cycle through Low → Medium → High. Release the button to select the desired brightness level.
- **Direct Access to Moonlight:** When OFF, press and hold the button for 1 second to activate Moonlight mode.
- **Direct Access to Turbo:** When ON, double-click the button to activate Turbo mode. Double-click again to return to the previously used general mode.
- **Strobe/Beacon/SOS:** When ON, triple-click the button to activate Strobe mode. Press and hold to cycle through Strobe → Beacon → SOS. Single click to turn OFF.

5.2 Lock-Out Function

The Lock-Out function prevents accidental activation, which is useful during transport or storage.

- **Activate Lock-Out:** When OFF, quickly press the button four times (quad-click). The flashlight will flash once to indicate it is locked.
- **Deactivate Lock-Out:** When locked, quickly press the button four times (quad-click). The flashlight will turn on in Moonlight mode, indicating it is unlocked.

5.3 Programmable Moonlight Levels (Engineering Mode)

For flashlight enthusiasts, the LAD III offers programmable moonlight levels.

- **Enter Engineering Mode:** When OFF, quickly press the button eight times (octo-click). The flashlight will enter a special programming mode.
- **Adjust Levels:** Follow the specific instructions provided in the full technical manual (if available) for detailed steps on adjusting moonlight levels within this mode. This typically involves a series of clicks and holds to set desired brightness.
- **Exit Engineering Mode:** Single click to save and exit, or wait for a timeout.

6. Charging

The Manker LAD III features convenient built-in USB-C charging.

- **Charging Port:** Locate the USB-C port on the side of the flashlight.
- **Connection:** Insert the Type-C USB cable into the flashlight's port and connect the other end to a 5V USB power source.
- **LED Indicator:** The smart LED indicator will illuminate during charging. Typically, a red light indicates charging in progress, and a green or blue light indicates charging is complete. (Refer to specific product documentation for exact LED color indications if different).
- **Charging Time:** Charging time may vary depending on the power source. A full charge typically takes approximately 1-2 hours.

7. Maintenance

Proper maintenance ensures the longevity and optimal performance of your Manker LAD III flashlight.

- **Cleaning:** Wipe the flashlight body with a clean, soft cloth. Avoid using harsh chemicals or abrasive materials.
- **Water Resistance:** The LAD III is IP67 rated, meaning it is protected from dust and can withstand immersion

in water up to 1 meter for 30 minutes. Ensure the USB-C port cover is securely closed before exposing it to water.

- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is advisable to charge the battery periodically to maintain its health.
- **Impact Resistance:** The flashlight has an impact resistance of 2 meters. While durable, avoid dropping it from excessive heights.

8. Troubleshooting

If you encounter issues with your Manker LAD III, please refer to the following common troubleshooting steps:

- **Flashlight Not Turning On:**
  - Ensure the battery is charged. Connect the flashlight to a charger and check the LED indicator.
  - Check if the flashlight is in Lock-Out mode. Quad-click the button to deactivate it.
- **Charging Issues:**
  - Try a different USB-C cable and power adapter to rule out faulty accessories.
  - Ensure the USB-C port is clean and free of debris.
- **Inconsistent Brightness/Flickering:**
  - This could indicate a low battery. Recharge the flashlight.
  - If the flashlight becomes very hot, the intelligent temperature regulation might reduce brightness to prevent overheating. Allow it to cool down.

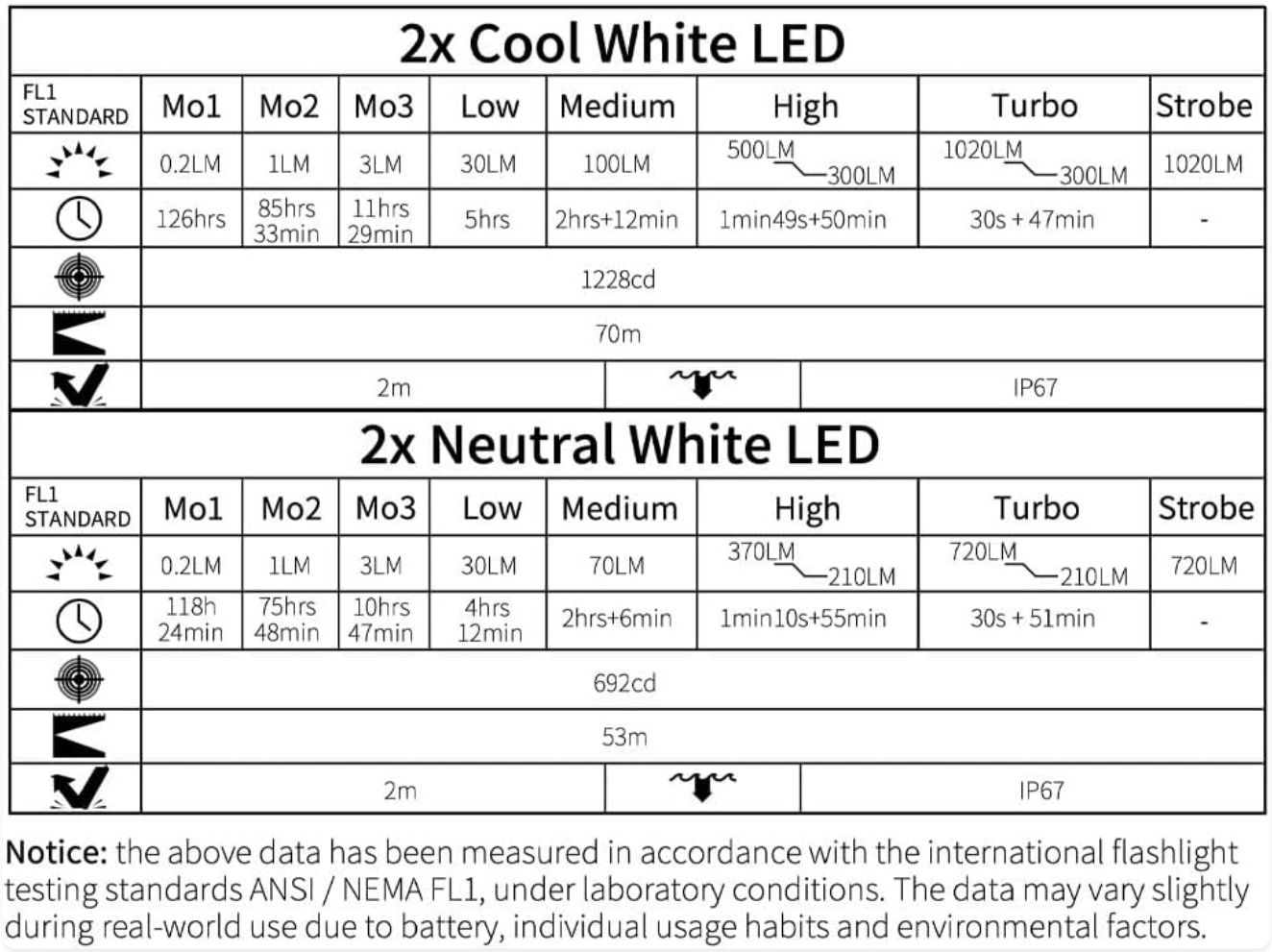
If these steps do not resolve the issue, please contact Mankerlight customer support for further assistance.

9. Specifications

Detailed technical specifications for the Manker LAD III flashlight:

- **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
- **Lighting Modes:** Moonlight (3 levels), General (Low, Medium, High), Turbo, Special (Strobe, Beacon, SOS), Lock-Out
- **Waterproof Rating:** IP67 (2m submersible)
- **Impact Resistance:** 2 meters
- **Weight:** 33.4 grams / 1.18 oz
- **Dimensions:** 64.2 mm (length) x 26.0 mm (wide) x 10.0 ~ 14.0 mm (thickness)
- **Lanyard Hole:** 4.0 mm / 0.16"
- **Special Features:** Adjustable Light Modes, High Lumens, Lightweight, Rechargeable, Weatherproof
- **Included Components:** Flashlight, Type-C USB Charging cable, User manual
- **Certifications:** CE, RoHS

9.1 Performance Table



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 9.1: Detailed performance specifications for the Manker LAD III, including output, runtime, and beam distance for both Cool White and Neutral White LED versions.

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.

10. Warranty and Support

The Manker LAD III flashlight comes with a manufacturer's warranty.

- **Warranty Period:** 5 years from the date of purchase.
- **Warranty Coverage:** This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.
- **Claiming Warranty:** For warranty service, please retain your proof of purchase and contact Mankerlight customer support through their official website or the retailer where the product was purchased.

For additional support, technical inquiries, or to provide feedback, please visit the official Mankerlight website or contact their customer service department.

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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.

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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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