Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Mankerlight Manker E05 II

Manker E05 II Compact EDC Flashlight User Manual

Model: Manker E05 II

1. Introduction

Thank you for purchasing the Manker E05 II Compact EDC Flashlight. This manual provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your new flashlight. Please read this manual thoroughly before use and retain it for future reference.



Image: The Manker E05 II Compact EDC Flashlight, showcasing its sleek black design and compact form factor.

The Manker E05 II is an ultra-compact and lightweight Everyday Carry (EDC) flashlight designed for versatility and high performance. It features a multi-fuel design, allowing it to be powered by 14500 Li-ion, Ni-MH AA, or Alkaline AA batteries. With a maximum output of 1300 lumens (when using a 14500 battery), a 105° wide beam, and a beam distance of up to 148 meters, it is suitable for various applications including camping, hiking, and general illumination. Its durable construction, IP68 waterproof rating, and 1.5-meter drop resistance ensure reliability in challenging environments.



Image: The Manker E05 II Compact EDC Flashlight securely clipped into a jeans pocket, demonstrating its ease of everyday carry.

2. Key Features

- **Ultra-compact Size:** Lightweight design for perfect everyday carry.
- **Multi-fuel Design:** Compatible with 14500 Li-ion, Ni-MH AA, and Alkaline AA batteries.
- **High Performance:** Up to 1300 lumens illumination (with 14500 battery), 105° beam angle, 148 meters beam distance.
- **Constant Current Circuit:** Provides stable brightness without flashing (Non-PWM).
- **Durability:** IP68 waterproof rated (2 meters underwater for 60 minutes) and 1.5 meters drop-resistant.
- **Material:** Aerospace aluminum alloy with Type III hard anodized finish.
- **Single Tail-Switch Control:** Enables convenient one-handed operation.
- **Deep Carry Clip:** 304 stainless steel deep carry clip for secure attachment.
- **Multiple Safety Protections:** Includes over-discharge, over-charge, reverse battery protection, and advanced thermal regulation (ATR).
- **Lighting Modes:** High, Medium, Low, and Strobe with memory function.



Image: Visual representation of the Manker E05 II's key performance metrics, including 1300 lumens output, 148-meter beam distance, and 105-degree wide beam angle.



Image: Diagram illustrating the multiple safety protections integrated into the Manker E05 II, such as over-discharge, over-charge, reverse battery protection, and advanced thermal regulation.

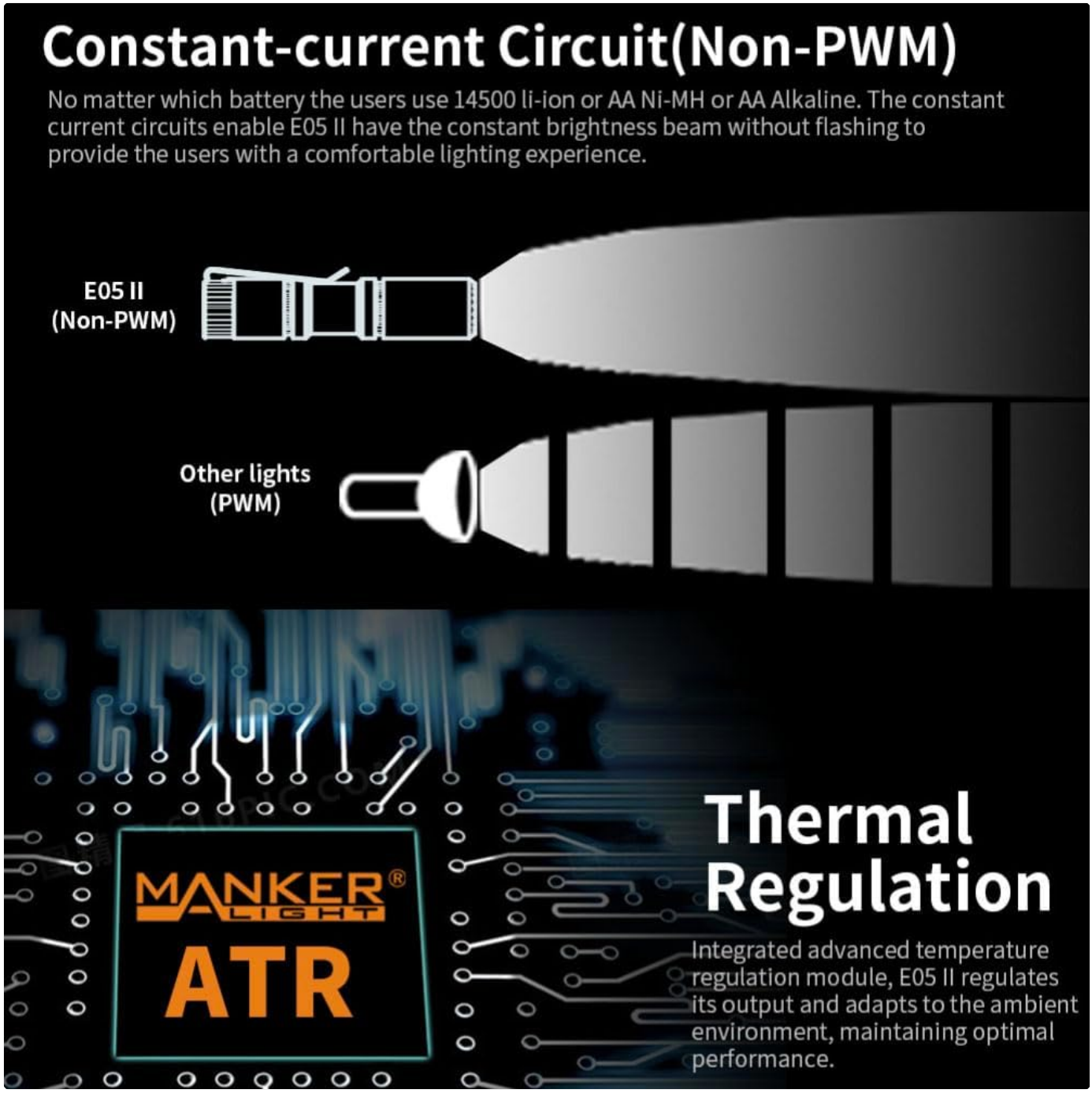


Image: Diagram illustrating the Manker E05 II's constant-current circuit for stable brightness and its integrated advanced thermal regulation (ATR) module.

3. Package Contents

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

- 1x Mankerlight E05 II LED Flashlight
- 1x Spare Waterproof O-ring
- 1x Type-C USB Charging Cable (for 14500 battery charging, if applicable)
- 1x User Manual (this document)
- 1x Lanyard

Note: Battery (14500 / AA) is excluded and must be purchased separately.

4. Getting Started

4.1 Battery Installation

The Manker E05 II supports 14500 Li-ion, Ni-MH AA, or Alkaline AA batteries. Ensure the battery is inserted with the positive (+) terminal facing towards the flashlight head (LED end).

1. Unscrew the tail cap of the flashlight.
2. Insert the chosen battery type (14500, Ni-MH AA, or Alkaline AA) into the battery compartment with the positive (+) end facing the head of the flashlight.
3. Screw the tail cap back on tightly to ensure proper contact and waterproof sealing.

4.2 Lanyard Attachment

Attach the included lanyard to the designated hole on the tail cap for added security and ease of carrying.

5. Operation

The Manker E05 II features a single tail-switch for all operations.

5.1 Power On/Off

- **To Turn On:** Fully press the tail switch until a "click" is heard.
- **To Turn Off:** Fully press the tail switch again until a "click" is heard.

5.2 Mode Switching

With the flashlight turned ON, lightly tap the tail switch (half-press without clicking) to cycle through the brightness modes:

- Cycle Order: Low → Medium → High
- **Memory Function:** The flashlight will remember the last used brightness level (Low, Medium, or High) and turn on in that mode the next time it is activated.

5.3 Strobe Mode

- **To Activate Strobe:** From any mode (ON), quickly double-tap the tail switch (two half-presses).
- **To Exit Strobe:** Half-press the tail switch again to return to the previous brightness mode, or fully press to turn off.



Image: Illustration of the Manker E05 II's three brightness outputs (High, Medium, Low) with memory function, and the Strobe (20Hz) full-power output.

5.4 Important Safety Note

Do not shine the flashlight directly into anyone's eyes, as the high lumen output can cause temporary vision impairment or damage.

6. Care and Maintenance

- **Cleaning:** Clean the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Threads and O-rings:** Periodically lubricate the threads and O-rings with silicone grease to maintain waterproof integrity. Replace O-rings if they appear damaged or worn (a spare O-ring is included).
- **Battery Care:**
  - Remove the battery if the flashlight will not be used for an extended period to prevent leakage.
  - For 14500 Li-ion batteries, use a compatible Type-C USB charging cable and charger. Do not overcharge or over-discharge Li-ion batteries.

- Dispose of batteries according to local regulations.

- **Waterproof Rating:** The Manker E05 II is IP68 rated, meaning it can be submerged in water up to 2 meters for 60 minutes. Ensure the tail cap is fully tightened before exposing to water.

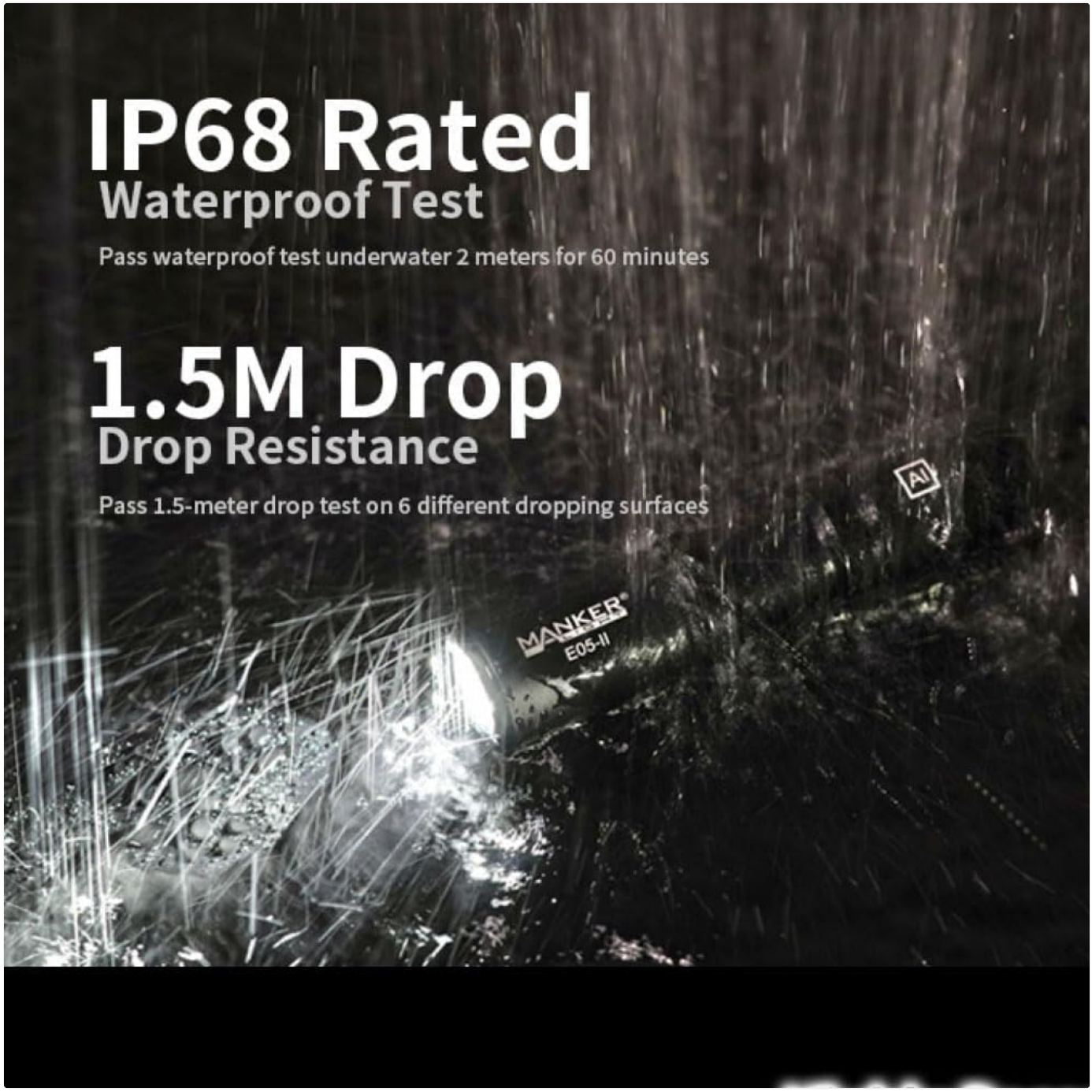


Image: Demonstration of the Manker E05 II's IP68 waterproof rating (tested 2 meters underwater for 60 minutes) and 1.5-meter drop resistance.

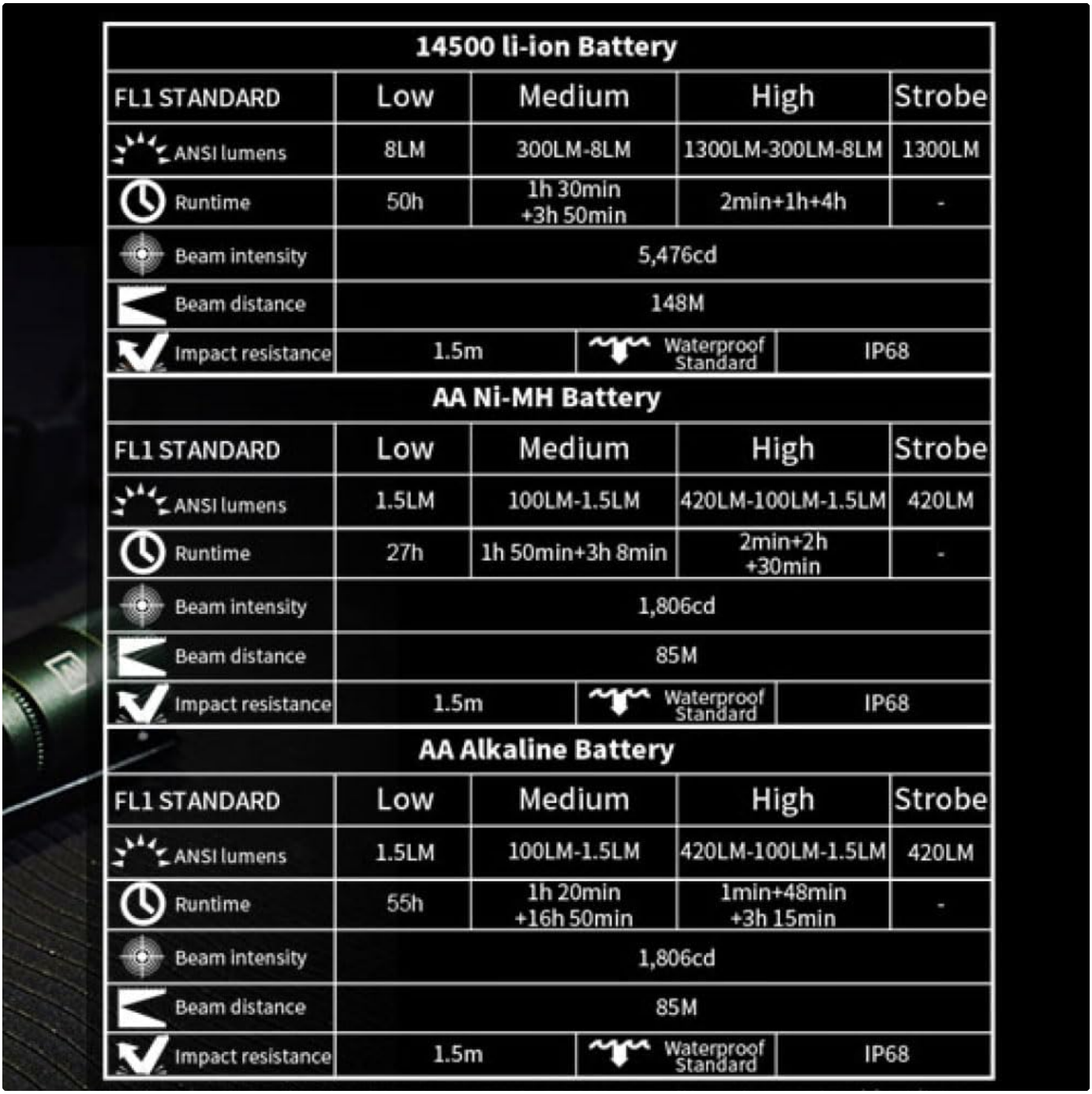
7. Troubleshooting Guide

Problem	Possible Cause	Solution
Flashlight does not turn on.	• Battery inserted incorrectly. • Battery is dead or low. • Tail cap is loose. • Dirty contacts.	• Reinsert battery with positive (+) end towards the head. • Replace or recharge battery. • Tighten tail cap securely. • Clean battery contacts and flashlight contacts with a clean cloth.

Problem	Possible Cause	Solution
Light is dim or flickers.	• Low battery. • Loose tail cap or head. • Dirty contacts.	• Replace or recharge battery. • Tighten all parts of the flashlight. • Clean battery contacts and flashlight contacts.
Water ingress.	• Tail cap not tightened. • Damaged O-ring.	• Ensure tail cap is fully tightened before water exposure. • Inspect and replace O-ring if damaged. Lubricate O-rings regularly.

8. Technical Specifications

Feature	Detail
Model	Manker E05 II
Light Source	High Density LED Emitter (Cool White, 6500K)
Max Light Output (14500)	1300 Lumens
Max Beam Distance (14500)	148 meters
Beam Angle	105° wide beam
Power Source	14500 Li-ion, Ni-MH AA, Alkaline AA (Excluded)
Lighting Modes	High, Medium, Low, Strobe
Run Time (14500, Low)	50 hours
Waterproof Rating	IP68 (2 meters submersible for 60 minutes)
Impact Resistance	1.5 meters
Body Material	Aerospace Aluminum Alloy with Type III Hard Anodized Finish
Dimensions	91.35 mm (Length) x 20 mm (Head Diameter) x 20 mm (Body Diameter)
Weight	63.8 grams (without battery)
Special Features	Impact Resistant, Constant Current, Thermal Regulation, Multiple Safety Protections



14500 li-ion Battery				
FL1 STANDARD	Low	Medium	High	Strobe
ANSI lumens	8LM	300LM-8LM	1300LM-300LM-8LM	1300LM
Runtime	50h	1h 30min +3h 50min	2min+1h+4h	-
Beam intensity	5,476cd			
Beam distance	148M			
Impact resistance	1.5m	Waterproof Standard	IP68	

AA Ni-MH Battery				
FL1 STANDARD	Low	Medium	High	Strobe
ANSI lumens	1.5LM	100LM-1.5LM	420LM-100LM-1.5LM	420LM
Runtime	27h	1h 50min+3h 8min	2min+2h +30min	-
Beam intensity	1,806cd			
Beam distance	85M			
Impact resistance	1.5m	Waterproof Standard	IP68	

AA Alkaline Battery				
FL1 STANDARD	Low	Medium	High	Strobe
ANSI lumens	1.5LM	100LM-1.5LM	420LM-100LM-1.5LM	420LM
Runtime	55h	1h 20min +16h 50min	1min+48min +3h 15min	-
Beam intensity	1,806cd			
Beam distance	85M			
Impact resistance	1.5m	Waterproof Standard	IP68	

Image: Detailed FL1 Standard performance table for the Manker E05 II, showing ANSI lumens, runtime, beam intensity, beam distance, impact resistance, and waterproof rating for 14500 Li-ion, AA Ni-MH, and AA Alkaline batteries.

9. Warranty and Support

For warranty information and customer support, please refer to the official Mankerlight website or contact your authorized dealer. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance or inquiries, please visit the Mankerlight Store on Amazon or contact their customer service directly.

© 2025 Mankerlight. All rights reserved.
This manual is for informational purposes only. Specifications are subject to change without notice.

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.

Submit question

Open the live page

https://manuals.plus/asin/B0CR16T93S

More documents and user manuals: **https://manuals.plus/**