

LUMINTOP IYP365

LUMINTOP IYP365 LED Penlight User Manual

Model: IYP365

1. PRODUCT OVERVIEW

The LUMINTOP IYP365 is a compact and durable LED penlight designed for professional use, particularly in medical and inspection fields. It features a high Color Rendering Index (CRI) Nichia 219CT LED, offering accurate color representation for diagnostic purposes. The penlight operates on two AAA batteries and provides three distinct lighting modes.

Key Features:

- **High CRI Nichia LED:** Equipped with a Nichia 219CT LED (CRI 93) for enhanced color rendering, crucial for accurate injury diagnosis and inspection.
- **Three Lighting Modes:** Offers Medium, Low, and High modes. The 125-lumen High mode is suitable for examining wounds, while the 1.5-lumen Low mode is ideal for pupil inspection.
- **Durable and Waterproof:** Constructed from aluminum alloy with an IPX-8 waterproof rating, allowing submersion up to 2 meters and sterilization in alcohol.
- **Compact and Portable:** Lightweight (0.81 oz) and designed for one-handed operation, featuring a stainless steel pocket clip for easy carrying.
- **Metal Tail Switch:** Ensures long-term durability and reliable operation.



Figure 1: The LUMINTOP IYP365 LED Penlight, showcasing its sleek design and pink finish.

2. SETUP AND BATTERY INSTALLATION

The IYP365 penlight requires two AAA batteries for operation. Ensure batteries are inserted correctly to prevent damage.

Battery Installation:

1. Unscrew the tail cap of the penlight by turning it counter-clockwise.
2. Insert two AAA batteries into the battery compartment with the positive (+) end facing towards the head of the penlight.
3. Screw the tail cap back on clockwise until it is securely tightened.
4. Test the penlight by pressing the tail switch to ensure proper function.

Caution:

- Always use high-quality AAA batteries.
- Do not mix old and new batteries, or different types of batteries.
- Remove batteries if the penlight will not be used for an extended period to prevent leakage.



Figure 2: Detailed view of the IYP365 penlight's components, including the Nichia LED and metal tail switch.

3. OPERATION

The IYP365 penlight features a simple one-handed operation with its tail switch.

Turning On/Off:

- Press the tail switch completely to turn the penlight ON.
- Press the tail switch completely again to turn the penlight OFF.

Changing Modes:

The penlight cycles through three brightness modes: Medium, Low, and High. It also has a memory function, meaning it will turn on in the last used mode.

1. With the penlight ON, lightly tap the tail switch (without fully clicking) to cycle through the modes:

Medium → Low → High.

2. Release the switch to select the desired mode.

Mode Brightness Levels:

- **High:** 125 Lumens (for general illumination, wound examination)
- **Medium:** (Brightness not specified, but between Low and High)
- **Low:** 1.5 Lumens (for pupil inspection, preserving night vision)

ONE-HANDED OPERATION

The conveniently located single tail switch make it easy to use the IYP365 with one hand, leaving your other free to work.



Figure 3: Demonstrating the ease of one-handed operation for various diagnostic tasks.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your LUMINTOP IYP365 penlight.

Cleaning:

- Wipe the exterior of the penlight with a soft, damp cloth.
- For sterilization, the penlight is fully submersible in alcohol without damage due to its IPX-8 waterproof rating. Ensure the tail cap is securely tightened before submersion.
- Do not use abrasive cleaners or solvents, as these may damage the finish.

O-Ring and Thread Care:

- Regularly inspect the O-rings for wear and tear. Replace them if damaged to maintain the waterproof seal. Spare O-rings are included in the package.
- Apply a thin layer of silicone grease to the threads and O-rings periodically to ensure smooth operation and maintain water resistance.

Battery Care:

- Replace batteries when the light output diminishes or becomes inconsistent.
- Remove batteries during long periods of non-use to prevent potential battery leakage and damage to the penlight.

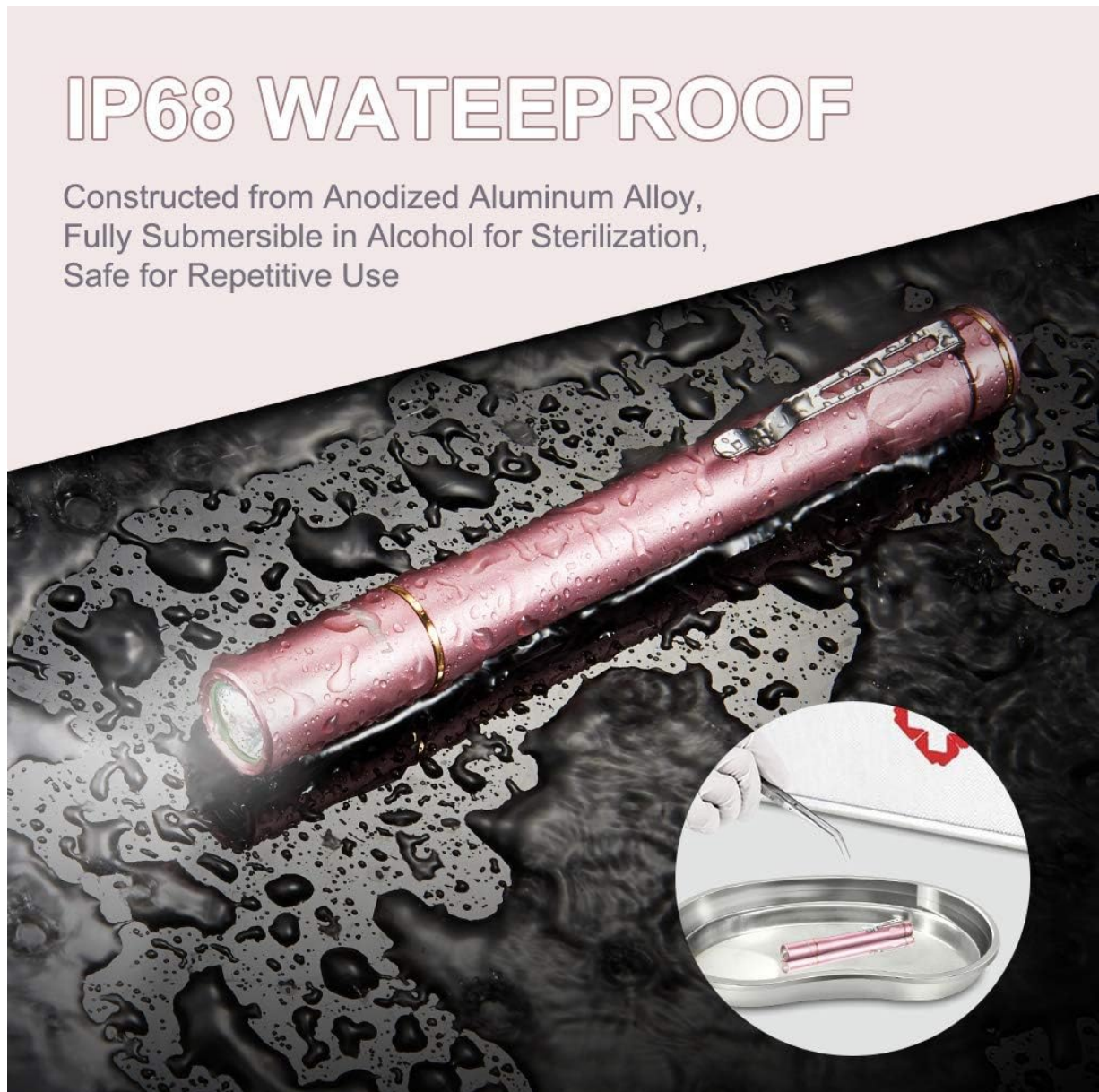


Figure 4: The IYP365's IPX-8 waterproof design allows for easy sterilization.

5. TROUBLESHOOTING

If you encounter issues with your IYP365 penlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on.	<ul style="list-style-type: none"> Batteries are depleted. Batteries are inserted incorrectly. Tail cap is loose. Dirty contacts. 	<ul style="list-style-type: none"> Replace with fresh AAA batteries. Ensure positive (+) end faces the head. Tighten the tail cap securely. Clean battery contacts and tail switch with a cotton swab and alcohol.
Light flickers or is dim.	<ul style="list-style-type: none"> Low battery power. Loose tail cap. Dirty contacts. 	<ul style="list-style-type: none"> Replace batteries. Tighten the tail cap. Clean battery contacts and tail switch.
Cannot change brightness modes.	Tail switch not being tapped correctly.	Ensure you are lightly tapping the tail switch without fully clicking it off and on.

If the problem persists after trying these solutions, please contact customer support.

6. SPECIFICATIONS

Feature	Detail
Model	IYP365
Light Source	Nichia 219CT LED (High CRI)
Brightness	Up to 125 Lumens
Modes	3 (Medium, Low, High) with memory function
Power Source	2 x AAA Batteries (Alkaline recommended)
Voltage	3 Volts (DC)
Material	Aircraft-grade Aluminum Alloy
Finish	Type III Hard Anodizing
Water Resistance	IPX-8 (Submersible up to 2 meters)
Dimensions	0.57"D x 0.57"W x 5.03"H (14.5mm x 14.5mm x 127.8mm)
Weight	0.81 Ounces (23g) (excluding batteries)
Special Features	High Color Rendering, IPX-8 Waterproof, 3 Modes with Memory, Metal Tail Switch
Included Components	IYP365 Penlight, Diffuser, 2*O-rings, User Manual

EASY TO CARRY



Figure 5: The compact dimensions of the IYP365, ideal for everyday carry.

7. WARRANTY AND SUPPORT

LUMINTOP provides customer support for its products. For any questions or issues regarding your IYP365 penlight, please refer to the following:

Warranty Information:

Specific warranty details are typically provided with the product packaging or on the manufacturer's official website. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, troubleshooting, or warranty inquiries, please contact LUMINTOP customer service. You can typically find contact information on the official LUMINTOP website or through the retailer where the product was purchased.

Contact Method:

- Refer to the "User Guide" included in your package for specific contact details.
- If purchased via Amazon, you may contact the seller "LUMINTOP DIRECT" through Amazon messenger for assistance.




PACKAGE INCLUDED




- ☐ IYP365 Penlight
- ☐ Diffuser
- ☐ 2*O-ring
- ☐ User Manual



Figure 6: Contents included in the IYP365 penlight package.

Related Documents - IYP365

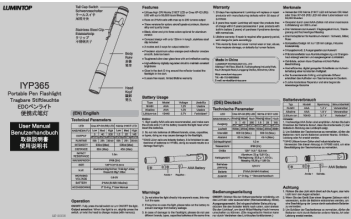
	Lumintop Tool AA 3.0 Mini Flashlight User Manual and Specifications Comprehensive guide to the Lumintop Tool AA 3.0 flashlight, detailing its features, technical specifications, operation, battery usage, and warranty information. Includes Osram LED, multiple output modes, and IP68 rating.
	Lumintop GT Nano V3.0 User Manual and Specifications User manual and technical specifications for the Lumintop GT Nano V3.0 flashlight, detailing its features, operation, safety warnings, and warranty information.
	Lumintop F02 Flashlight User Manual and Specifications Comprehensive user manual for the Lumintop F02 flashlight, detailing operation, technical specifications, safety precautions, and warranty information. Features multiple light modes including white, RGB, UV, and green laser.

	<p>Lumintop Black Cat Flashlight User Manual - Operation, Specifications, and Safety</p> <p>Detailed user manual for the Lumintop Black Cat flashlight (Model LMT-CF1195-250904), covering operating instructions for various modes (S1, S2, RGB, UV), specifications, charging, safety warnings, warranty, and environmental disposal.</p>
	<p>Lumintop Moonbox User Manual and Specifications</p> <p>User manual for the Lumintop Moonbox flashlight, detailing specifications, operation, safety, and warranty information.</p>
	<p>LUMINTOP DF1 Pro User Manual and Specifications</p> <p>Official user manual for the LUMINTOP DF1 Pro flashlight, detailing operation instructions, specifications, battery usage, charging, power bank function, and warranty information.</p>

Documents - LUMINTOP – IYP365



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SST-10-UV Surface Mount UV LED SST-10-UV Product Datasheet Table of Contents
Technology Overview. 2 Binning Structure. 3 Ordering Information 4
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