

LUMINTOP IYP365

LUMINTOP IYP365 Nichia LED Pen Flashlight User Manual

Model: IYP365 Nichia

INTRODUCTION

The LUMINTOP IYP365 Nichia LED Pen Flashlight is a compact and durable illumination tool designed for various professional and personal uses. Featuring a high Color Rendering Index (CRI) Nichia 219CT LED, it provides accurate color representation, making it suitable for detailed inspection and diagnostic tasks. This manual provides instructions for the proper use, maintenance, and care of your IYP365 flashlight.

Key Features:

- High CRI Nichia 219CT LED for accurate color rendering.
- Three distinct lighting modes: Low, Medium, and High, with mode memory.
- Durable aircraft-grade aluminum construction.
- IP68 waterproof rating, allowing for submersion and sterilization.
- Compact pen-style design with a stainless steel pocket clip for portability.
- Powered by two AAA batteries.



Image: The LUMINTOP IYP365 Nichia LED Pen Flashlight, showcasing its sleek black design and compact form factor. A white diffuser cap is shown next to it.

LED MADE IN JAPAN

Light Close to Nature Color

Designed for Medical Personnel and First Responders



 **NICHIA 219CT**
(Ra ≥ 93)



Ordinary LED
(Ra < 74)

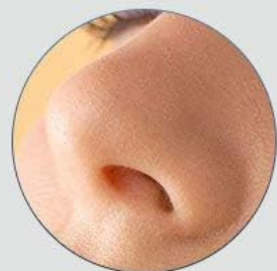


Image: A comparison illustrating the superior color rendering of the Nichia 219CT LED (Ra ≥ 93) compared to an ordinary LED (Ra < 74), highlighting its benefit for medical and inspection tasks.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x LUMINTOP IYP365 Pen Flashlight with Nichia LED
- 2 x Spare O-rings
- 1 x Diffuser
- 1 x User Manual (this document)

PACKAGE INCLUDED

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



Image: The contents of the LUMINTOP IYP365 package, including the penlight, spare O-rings, diffuser, and user manual, neatly arranged in their packaging.

PRODUCT OVERVIEW

Familiarize yourself with the components of your IYP365 flashlight:

SUPERIOR COMPONENTS

High-grade components for the durable and compact pen light



Image: An exploded diagram of the LUMINTOP IYP365, detailing its superior components such as the stainless steel clip, aircraft-grade aluminum body, aluminum orange-peel reflector, gold-plated ring, Nichia 219CT LED, and metal tail switch.

The IYP365 features a robust design with a stainless steel clip, aircraft-grade aluminum body, aluminum orange-peel reflector, gold-plated ring, Nichia 219CT LED, and a metal tail switch.

EASY TO CARRY



Image: A visual representation of the LUMINTOP IYP365's compact dimensions (5.03 inches length) compared to a standard pen, demonstrating its ease of portability in a shirt pocket or jeans pocket.

EASY TO CARRY WITH CONFIDENCE

Stainless Steel Pocket Firmly Clip On



Image: Demonstrations of the LUMINTOP IYP365 being securely clipped into a doctor's shirt pocket and a person's jeans pocket, highlighting its stable stainless steel pocket clip.

Its compact dimensions (approximately 5.03 inches in length) and lightweight construction (0.81 ounces) make it easy to carry in a pocket or attached via the stainless steel clip.

BATTERY INSTALLATION

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert two AAA batteries into the battery compartment with the positive (+) end facing towards the head of the flashlight.
3. Screw the tail cap back on clockwise until it is securely tightened. Ensure the O-ring is properly seated to maintain waterproofing.

Caution:

- Ensure correct battery polarity to prevent damage to the flashlight.
- Do not mix old and new batteries, or different types of batteries.

- Remove batteries if the flashlight will not be used for an extended period to prevent leakage.

OPERATION

Power On/Off

Press the metal tail switch completely to turn the flashlight on or off.

Mode Switching

The IYP365 features three lighting modes: Low (1.5 Lumens), Medium (25 Lumens), and High (125 Lumens).

- With the flashlight on, lightly tap the tail switch (half-press) to cycle through the modes in the order: Low → Medium → High.
- Alternatively, you can quickly twist the head of the flashlight slightly to cycle through modes.

Mode Memory

The flashlight includes a mode memory function. When turned on, it will activate in the last used brightness mode.

3 LIGHTING MODES WITH MEMORY FEATURE

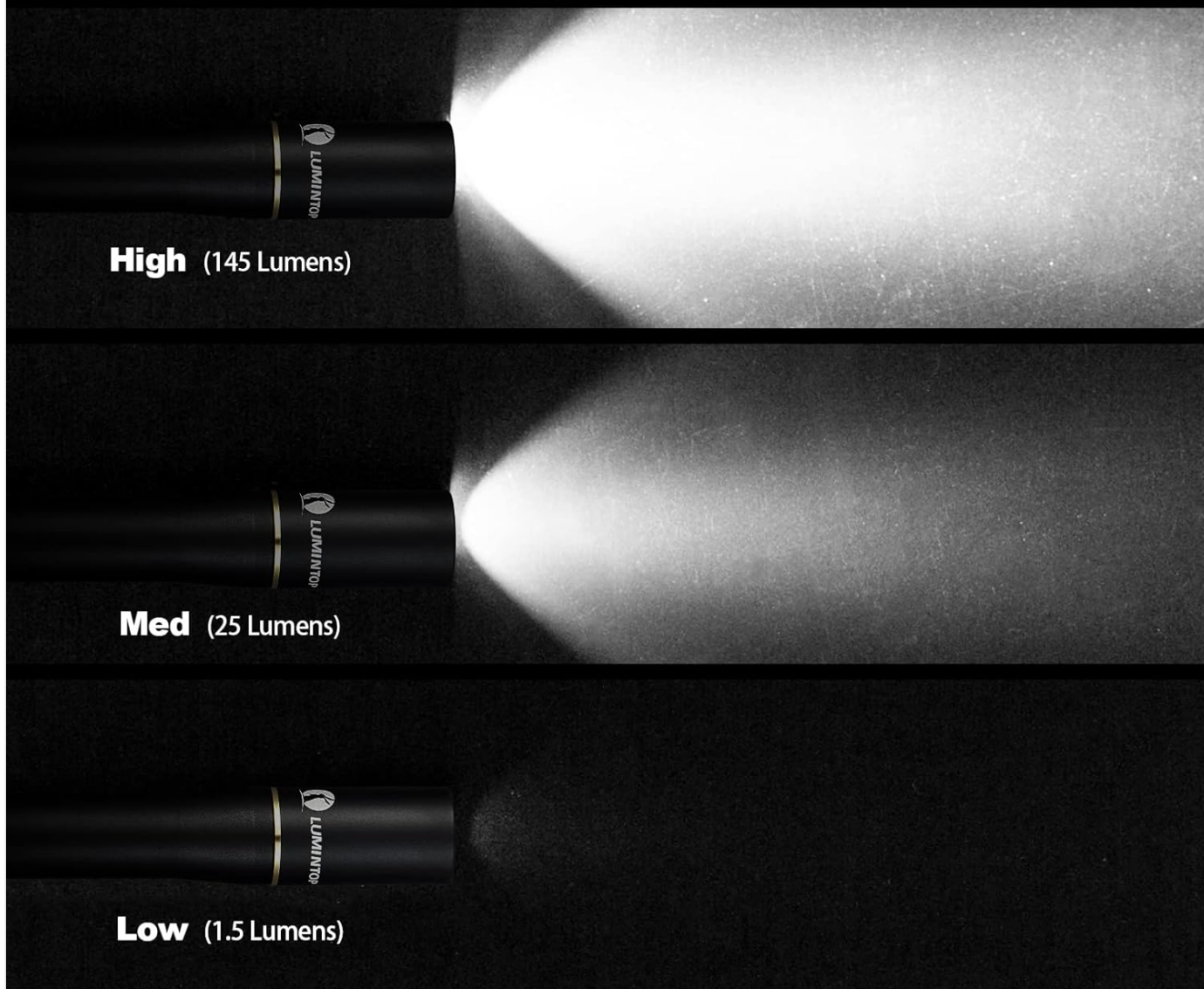


Image: Visual representation of the three lighting modes (High: 145 Lumens, Med: 25 Lumens, Low: 1.5 Lumens) of the LUMINTOP IYP365, demonstrating the varying light output.

MAINTENANCE

Cleaning

Regularly clean the flashlight body with a soft, damp cloth. For sterilization, the IP68 rating allows for submersion in alcohol. Ensure the tail cap is fully tightened before submersion.

O-rings

Inspect the O-rings periodically for wear and tear. Replace them with the provided spare O-rings if necessary to maintain the IP68 waterproof rating. Apply a thin layer of silicone grease to the O-rings to ensure a good seal and prevent drying.

Thread Care

Keep the threads of the tail cap clean and lubricated. This ensures smooth operation and helps maintain the waterproof seal.

IP68 WATERPROOF

Constructed from Anodized Aluminum Alloy,
Fully Submersible in Alcohol for Sterilization,
Safe for Repetitive Use



Image: The LUMINTOP IYP365 flashlight shown wet, emphasizing its IP68 waterproof construction and ability to be sterilized by submersion in alcohol.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Dead or incorrectly inserted batteries. Loose tail cap.	Replace batteries, ensuring correct polarity. Tighten the tail cap securely.
Light flickers or is dim.	Low battery power. Loose connections. Dirty contacts.	Replace batteries. Ensure tail cap is tight. Clean battery contacts and threads with a clean cloth.
Cannot switch modes.	Tail switch not fully engaging.	Ensure the tail switch is pressed firmly or the head is twisted correctly for mode changes.

Water ingress.	Damaged or improperly seated O-rings. Loose tail cap.	Inspect and replace O-rings if damaged. Ensure tail cap is fully tightened.
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SPECIFICATIONS

Feature	Detail
Model	IYP365 Nichia
Light Source	Nichia 219CT LED (High CRI)
Brightness Modes	Low (1.5 Lumens), Medium (25 Lumens), High (125 Lumens)
Power Source	2 x AAA Batteries (Alkaline recommended)
Operating Voltage	3 Volts (DC)
Material	Aircraft-grade Aluminum
Finish	HAIII Military Grade Hard-Anodized
Water Resistance	IP68 (Submersible)
Dimensions	1.98 x 0.22 x 0.19 inches (approx. 5.03 inches length)
Weight	0.8 ounces (22.68 g) (without batteries)
Color Temperature	4000 Kelvin
Special Features	Mode Memory, Stainless Steel Pocket Clip

SAFETY INFORMATION







- Do not shine the flashlight directly into eyes.
- Keep out of reach of children.
- Do not disassemble the sealed head of the flashlight, as this may damage the LED and void the warranty.
- Dispose of batteries according to local regulations.
- Avoid exposing the flashlight to extreme temperatures.

WARRANTY AND SUPPORT

LUMINTOP provides a manufacturer and seller combination warranty for this product. For warranty claims or technical support, please contact LUMINTOP directly or refer to the seller's return policy on the platform where the product was purchased.

For further assistance, please visit the [LUMINTOP Store](#).

Related Documents - IYP365

	<p><u>Lumintop D2 Flashlight User Manual - Specifications, Operation, and Warranty</u></p> <p>Comprehensive user manual for the Lumintop D2 flashlight, detailing specifications, operating instructions, charging, battery care, safety warnings, and warranty information.</p>
	<p><u>Lumintop Tool AA 3.0 Mini Flashlight User Manual and Specifications</u></p> <p>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.</p>
	<p><u>Lumintop GT Nano V3.0 User Manual and Specifications</u></p> <p>User manual and technical specifications for the Lumintop GT Nano V3.0 flashlight, detailing its features, operation, safety warnings, and warranty information.</p>
	<p><u>Lumintop F02 Flashlight User Manual and Specifications</u></p> <p>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>
	<p><u>Lumintop Black Cat Flashlight User Manual - Operation, Specifications, and Safety</u></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><u>Lumintop Moonbox User Manual and Specifications</u></p> <p>User manual for the Lumintop Moonbox flashlight, detailing specifications, operation, safety, and warranty information.</p>