

## Wurkkos DL07

# Wurkkos DL07 3000 Lumen Rechargeable Diving Flashlight Instruction Manual

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## 1. INTRODUCTION

The Wurkkos DL07 is a professional-grade diving flashlight designed for underwater photography, video lighting, and general diving activities. Featuring 3000 lumens of bright illumination, IPX8 waterproofing up to 100 meters, and a wide 135-degree beam angle, this compact and durable flashlight offers versatile lighting options including cool white spotlight, warm white floodlight (high/low), red light, and black light. Its magnetic rotary switch allows for easy one-handed operation, and the convenient ball joint ensures simple mounting to various camera systems.

## 2. SAFETY INFORMATION

- **Battery Safety:** Use only the specified Lithium Ion battery. Ensure correct polarity during installation. Do not expose batteries to extreme heat or dispose of them in fire.
- **Waterproofing:** Always ensure the tail cap is securely tightened and O-rings are properly seated and lubricated before submerging the flashlight. Failure to do so may result in water ingress and damage.
- **Heat:** The flashlight may become warm during prolonged use, especially on higher modes. Handle with care.
- **Eye Protection:** Do not shine the light directly into eyes. The high lumen output can cause temporary vision impairment.
- **Children:** Keep out of reach of children.

## 3. PACKAGE CONTENTS

Please check the box for the following items:

- Wurkkos DL07 Diving Flashlight

- 1 x Lithium Ion Battery (included)
- USB-C Charging Cable
- Lanyard
- Spare O-rings (2 pieces)
- User Manual

*Video: Unboxing a Wurkkos Dive Flashlight. This video demonstrates the typical contents and initial setup of a Wurkkos dive light, including the flashlight, battery, charging cable, and accessories.*

## 4. PRODUCT OVERVIEW

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The Wurkkos DL07 is constructed from premium aluminum alloy, ensuring scratch-proof, drop-proof, abrasion, and seawater corrosion resistance. It features a compact design for easy handling and portability.

### 4.1 Key Features

- **Multi-Function Lighting:** Offers Cool White Spotlight (XPL-HI 5300-5700K LED), Warm White Floodlight (LH351D 5000K 90CRI LED - High/Low), Red Light (XPE LED), and Black Light (LG LED).
- **Magnetic Rotary Switch:** Provides intuitive one-handed control for power and mode selection.
- **IPX8 Waterproof:** Rated for underwater use up to 100 meters.
- **Wide Beam Angle:** 135 degrees for broad illumination, ideal for photography and video.
- **Convenient Ball Joint:** Easily mounts to any camera system for versatile positioning.

### 4.2 Components



*Image: Exploded view of the Wurkkos DL07 Diving Flashlight, highlighting its aluminum alloy body, magnetic control ring, and double O-rings for waterproofing.*



Image: The front of the Wurkkos DL07, illustrating the different types of LEDs for various lighting modes, including cool white, UV, warm white, and red light.

## 5. SETUP

### 5.1 Battery Installation

1. Unscrew the tail cap of the flashlight.
2. Remove the insulating film from the positive (+) end of the included Lithium Ion battery.
3. Insert the battery into the flashlight with the positive (+) end facing towards the head of the flashlight.
4. Screw the tail cap back on tightly to ensure a waterproof seal.

### 5.2 Charging

The DL07 uses a rechargeable Lithium Ion battery. To charge:

1. Connect the provided USB-C charging cable to the charging port on the flashlight.
2. Connect the other end of the USB-C cable to a compatible USB power source (e.g., wall adapter, computer USB port).
3. The indicator light will show charging status (refer to the manual for specific light indications).

4. Once fully charged, disconnect the cable.

## 6. OPERATING INSTRUCTIONS

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The Wurkkos DL07 features a magnetic rotary switch for easy operation.

### 6.1 Power On/Off

- To turn on the flashlight, rotate the magnetic switch to the right.
- To turn off the flashlight, rotate the magnetic switch to the left.

### 6.2 Mode Switching

With the flashlight on, rotate the magnetic switch from left to right to cycle through the different lighting modes:

1. Cool White Spotlight
2. Warm White Floodlight (High)
3. Warm White Floodlight (Low)
4. Red Light
5. Black Light (UV)

# PROVIDE MORE CONVENIENCE FOR UNDERWATER PHOTOGRAPHY



*Image: The magnetic rotary switch on the Wurkkos DL07, showing the intuitive controls for power and cycling through various light modes.*

*Video: Wurkkos DL02 Dive Flashlight in action. This video demonstrates the flashlight's beam and functionality underwater, showcasing its effectiveness in various diving scenarios.*

## 7. MAINTENANCE

- **Cleaning:** After each dive, rinse the flashlight thoroughly with fresh water to remove salt and debris. Wipe dry with a soft cloth.
- **O-rings:** Regularly inspect the O-rings for any signs of damage (cracks, nicks, dirt). Apply silicone grease to the O-rings periodically to maintain their elasticity and ensure a proper seal. Replace damaged O-rings immediately using the provided spares.
- **Battery Care:** Store the battery in a cool, dry place when not in use. Avoid fully discharging the battery for extended periods. Charge the battery fully before long-term storage.
- **Storage:** Store the flashlight in a dry, well-ventilated area away from direct sunlight and extreme temperatures.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on	Battery not installed correctly; Insulating film not removed; Battery discharged; Loose tail cap.	Ensure battery is inserted with correct polarity; Remove insulating film; Charge the battery; Tighten the tail cap securely.
Water inside the flashlight	Damaged or improperly seated O-rings; Tail cap not tightened.	Inspect and clean O-rings, apply silicone grease, replace if damaged; Ensure tail cap is fully tightened.
Light output is weak or flickers	Low battery charge; Poor contact between battery and terminals.	Charge the battery fully; Clean battery contacts and ensure secure connection.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	DL07
Light Output (White)	3000 Lumens (Maximum)
Water Resistance Level	IPX8 (Waterproof up to 100 meters)
Beam Angle	135 Degrees
Light Source Type	LED (XPL-HI, LH351D, XPE, LG UV)
Battery Type	1 x Lithium Ion (included)
Runtime	Up to 6 hours (depending on mode)
Material	Aluminum Alloy
Product Dimensions	16 x 8 x 5 cm
Item Weight	140 Grams
Mounting Type	Ball Joint Mount

*Video: Wurkkos DL46 Scuba Diving Flashlight. This video demonstrates the light output and beam distance of a similar Wurkkos dive light in various modes, showcasing its performance in outdoor night conditions.*

## 10. WARRANTY AND SUPPORT

The Wurkkos DL07 Diving Flashlight comes with a **12-month manufacturer's warranty**. For any product inquiries, technical support, or warranty claims, please contact Wurkkos directly.

**Manufacturer Contact Information:** Wurkkos

Please refer to the official Wurkkos website or your purchase documentation for the most up-to-date contact details and warranty policy.

