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LetonPower Sealion L24

LetonPower Sealion L24 Diving Flashlight User Manual

Model: Sealion L24

1. Introduction

The LetonPower Sealion L24 is a versatile diving flashlight designed for underwater activities such as scuba diving, video recording, and general underwater exploration. It features multiple light sources including 12000 lumens of 6500K white light, blue light, and red light, ensuring accurate color rendition underwater. The flashlight is engineered for deep-sea use, being waterproof up to 120 meters and resistant to saltwater corrosion.

Its wide 120° irradiation angle provides comprehensive illumination for large areas. The Sealion L24 also boasts a long battery life and convenient Type-C charging for quick recharging.



Image: The Sealion L24 provides a 120-degree wide beam for extensive underwater illumination.

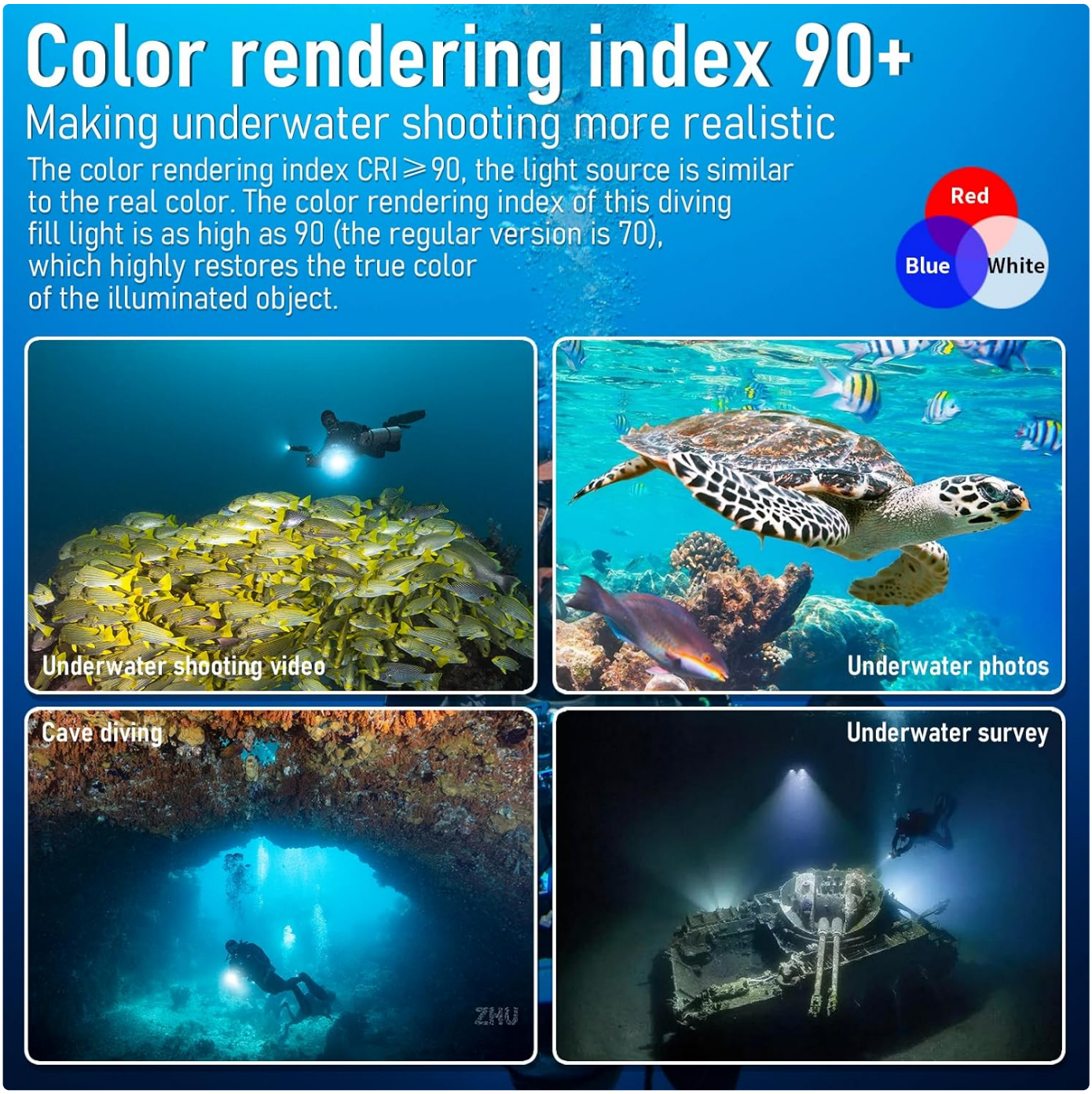


Image: High Color Rendering Index (CRI 90+) ensures realistic color reproduction in underwater photos and videos.

2. Setup

2.1 Package Contents

Before first use, please verify that all items are present in the package:

- 1x Sealion L24 Diving Flashlight
- 3x O-shaped rubber rings (spare)
- 1x Spherical support
- 1x Portable lanyard
- 1x Charging Cable (Type-C)
- 1x Waterproof zipper handbag



Image: The complete packing list for the Sealion L24 Diving Flashlight.

2.2 Battery Installation and Initial Charge

The Sealion L24 uses a replaceable battery pack. To install, unscrew the tail cap of the flashlight and insert the battery pack with the correct polarity. Ensure the O-rings are clean and lightly lubricated before securely screwing the cap back on. For optimal performance, fully charge the flashlight before its first use.

Your browser does not support the video tag.

Video: Demonstration of unboxing and battery installation for the LetonPower Diving Flashlight.

Connect the Type-C charging cable to the flashlight's charging port and a suitable USB power source. The indicator light will flash red during charging and turn solid red when fully charged. The Sealion L24 supports 22.5W super fast charging.



Image: Charging indicator status: flashing red for charging, solid red for fully charged.

3. Operating Instructions

3.1 Power On/Off and Mode Selection

The Sealion L24 features two buttons for operation. One button controls the white light modes, and the other controls the colored light modes (red and blue). Press and hold a button to turn the light on or off. Short presses cycle through the available brightness levels or light colors.

- **White Light Modes:** High (12000 Lumens), Medium (6000 Lumens), Low (3000 Lumens).
- **Colored Light Modes:** Red, Blue, Red Flash, Red/Blue Flash.
- Combinations: White light can be combined with red or blue light.



Image: Overview of the different white, red, and blue light modes and their combinations.

3.2 Battery Indicator

The indicator light on the flashlight provides battery status:

- Blue light: Battery power is above 30%.
- Red light: Battery power is below 30%.

3.3 General Operation Video

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Video: General demonstration of the LetonPower Diving Flashlight in use underwater.

4. Maintenance

Proper maintenance ensures the longevity and reliability of your Sealion L24 Diving Flashlight.

- **Rinse After Use:** After each dive, thoroughly rinse the flashlight with fresh water to remove salt, sand, and other debris.

- **Inspect O-Rings:** Regularly inspect the O-rings for any signs of damage, cracks, or dirt. Clean them and apply a thin layer of silicone grease to maintain a watertight seal. Replace damaged O-rings immediately using the provided spares.
- **Battery Care:** Store the battery pack in a cool, dry place when not in use. Avoid fully discharging the battery for extended periods.
- **Corrosion Prevention:** The flashlight features a high-strength, conductive-free shell designed to resist long-term deep-sea saltwater corrosion. However, proper rinsing and drying are still essential.
- **Storage:** Store the flashlight in its waterproof zipper handbag in a cool, dry place away from direct sunlight.

5. Troubleshooting

- **Light Does Not Turn On:**
  - Ensure the battery is fully charged and correctly installed.
  - Check the negative-side spring at the base of the light. If it appears overly compressed, gently stretch it with pliers to ensure proper contact with the battery pack.
  - Verify that the tail cap is screwed on tightly and the O-rings are properly seated.
- **Charging Issues:**
  - Ensure the Type-C cable is securely connected to both the flashlight and the power source.
  - Try a different Type-C cable or USB power adapter.
  - If the battery pack does not charge, it may be defective and require replacement.
- **Water Leakage:**
  - Immediately remove the battery and dry the flashlight if water ingress is suspected.
  - Inspect all O-rings and sealing surfaces for damage, dirt, or improper seating. Replace any compromised O-rings.
  - Ensure all caps and covers are securely tightened before submerging the flashlight.

6. Specifications

Feature	Detail
Brand	LetonPower
Model Number	Sealion L24
Light Output	12000 Lumens (White Light High)
Color Temperature	6500K (White Light)
Light Sources	White, Blue, Red
Irradiation Angle	120°
Water Resistance	100m (IPX8)
Battery Life (Strong Light)	70 minutes
Battery Life (Low Light)	8 hours
Charging Interface	USB Type-C (22.5W Fast Charging)
Item Weight	561 g



Image: Physical dimensions of the Sealion L24 Diving Flashlight.

7. Warranty & Support

LetonPower provides a one-year full after-sales support for the Sealion L24 Diving Flashlight. For any questions, technical assistance, or warranty claims, please contact LetonPower customer service through the retailer where the product was purchased or visit the official LetonPower website for support information.

LetonPower is dedicated to providing diving enthusiasts with a superior light experience, focusing on high-brightness, long-lasting dive lights with excellent waterproof and pressure-resistant performance.

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