ULANZI ULANZI-2287

ULANZI VL49 RGB Video Light User Manual

Model: ULANZI-2287

1. Introduction

Thank you for choosing the ULANZI VL49 RGB Video Light. This portable LED light is designed for professional photography and videography, offering 360° full-color illumination, adjustable brightness, and color temperature. Its compact size, magnetic attraction feature, and long-lasting battery make it an ideal tool for various creative lighting scenarios. Please read this manual thoroughly before use to ensure proper operation and maintenance.

2. Safety Information

- Do not expose the device to water or excessive humidity.
- Avoid direct exposure of the light to eyes, especially at high brightness settings.
- Do not disassemble, repair, or modify the device. Refer all servicing to qualified personnel.
- Keep the device away from high temperatures and direct sunlight.
- Use only the specified charging cable (Type-C) and power adapter.
- Keep out of reach of children.

3. Package Contents

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

- ULANZI VL49 RGB Video Light
- USB Type-C Charging Cable
- User Manual

4. Product Overview

Familiarize yourself with the components of your ULANZI VL49 RGB Video Light:



Figure 4.1: Front and back view of the ULANZI VL49 RGB Video Light, showcasing its compact design and the integrated display on the rear panel. The bottom row illustrates the wide range of RGB colors the light can produce.

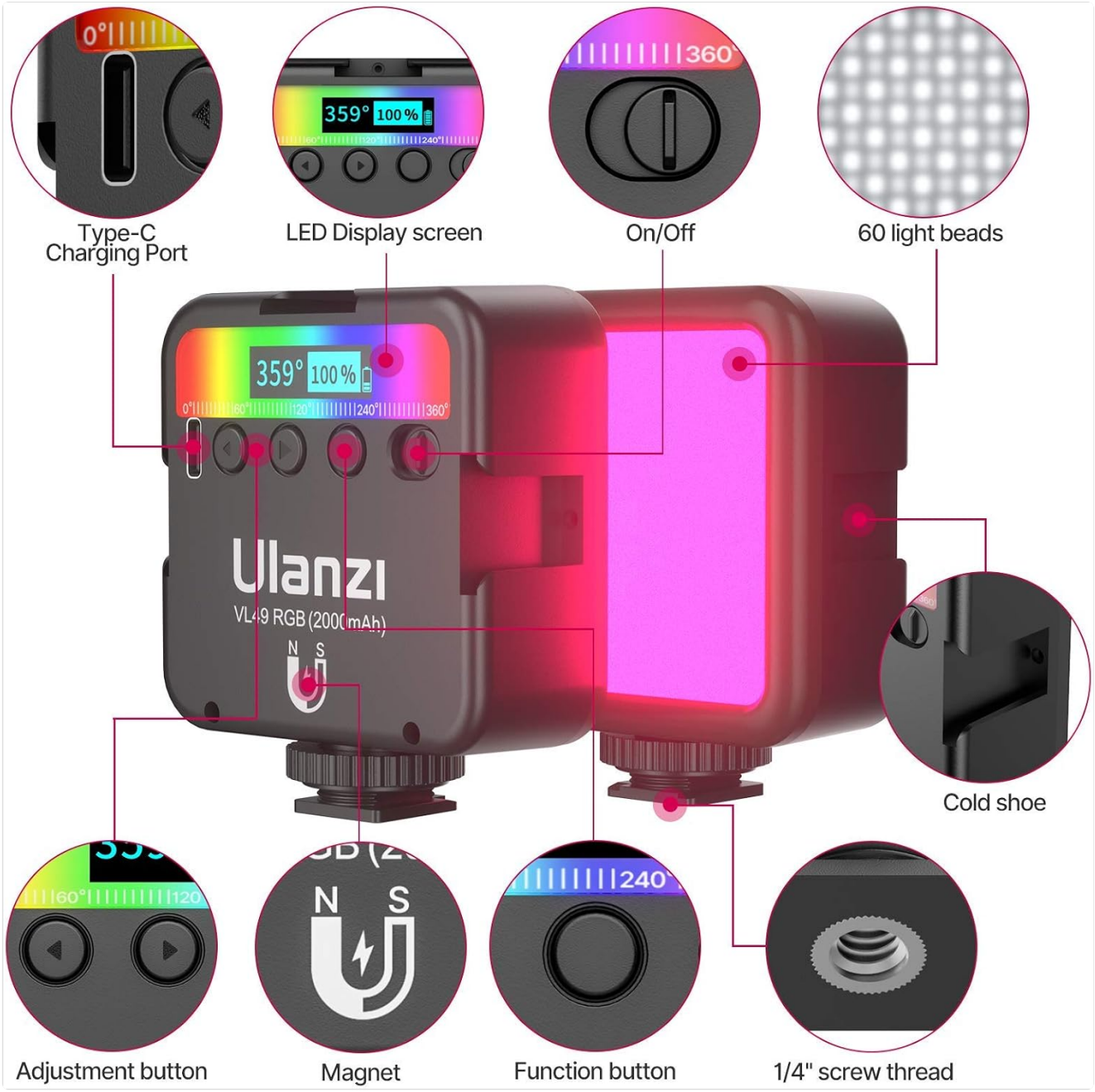


Figure 4.2: Detailed breakdown of the VL49 RGB light's features. Key components include the Type-C charging port, LED display screen, On/Off switch, 60 high-quality light beads, cold shoe mounts for accessory attachment, adjustment and function buttons for settings control, a built-in magnet for versatile mounting, and a standard 1/4" screw thread for tripod compatibility.

- **LED Display Screen:** Shows current settings for hue, brightness, and color temperature.
- **On/Off Switch:** Powers the device on or off.
- **Adjustment Buttons:** Used to navigate menus and adjust values.
- **Function Button:** Toggles between different lighting modes (CCT, HSI, Scene).
- **Type-C Charging Port:** For recharging the built-in battery.
- **Cold Shoe Mounts:** Three mounts for attaching additional accessories or connecting multiple lights.
- **1/4" Screw Thread:** Standard mounting point for tripods, light stands, or camera cages.
- **Magnetic Back:** Allows the light to be easily attached to metal surfaces.

5. Setup

5.1 Charging the Battery

Before first use, fully charge the ULANZI VL49 RGB Video Light. Connect the supplied Type-C charging cable to the light's Type-C port and plug the other end into a USB power source (e.g., wall adapter, power bank, computer USB port). The LED display will indicate charging status. A full charge typically takes about 2 hours.

5.2 Mounting the Light

- **On-Camera/Cage:** Slide the cold shoe foot of the VL49 into a camera's hot shoe or a cold shoe mount on a camera cage. Tighten the locking wheel to secure.
- **Tripod/Light Stand:** Screw the 1/4" screw thread at the bottom of the light onto a compatible tripod or light stand.
- **Magnetic Surface:** Utilize the built-in magnet on the back of the light to attach it to any suitable metal surface for quick and flexible positioning.



Figure 5.1: The magnetic back of the VL49 RGB light allows for easy and secure attachment to various metal surfaces, providing flexible lighting angles without additional mounting hardware.

6. Operating Instructions

6.1 Power On/Off

Press and hold the **On/Off** switch located on the side of the light to power it on or off.

6.2 Mode Selection

Press the **Function Button** to cycle through the different lighting modes:

- **CCT Mode:** Color Temperature mode (2500K-9000K).
- **HSI Mode:** Hue, Saturation, Intensity mode (360° full color).
- **Scene Mode:** Pre-programmed special effects (e.g., police car, ambulance, fire, lightning).

6.3 Adjusting Settings

Use the **Adjustment Buttons** to modify parameters within each mode:

- **Brightness:** In all modes, adjust brightness from 0% to 100%.
- **Color Temperature (CCT Mode):** Adjust from 2500K (warm) to 9000K (cold).
- **Hue (HSI Mode):** Adjust from 0° to 359° to select any color in the spectrum.
- **Saturation (HSI Mode):** Adjust the intensity of the selected color.
- **Intensity (HSI Mode):** Adjust the overall brightness of the HSI color.



Figure 6.1: Visual representation of the VL49 RGB's adjustable parameters, including brightness levels (0-100%), color temperature range (2500K-9000K), and 360° RGB color adjustment, demonstrating the light's versatility.

6.4 Multi-Light Assembling

The VL49 RGB light features three cold shoe mounts, allowing multiple units to be connected together to create a larger light panel for increased illumination or more complex lighting setups.



Figure 6.2: The ULANZI VL49 RGB Video Light in use, demonstrating its effectiveness as an on-camera light source for illuminating subjects in various shooting environments.

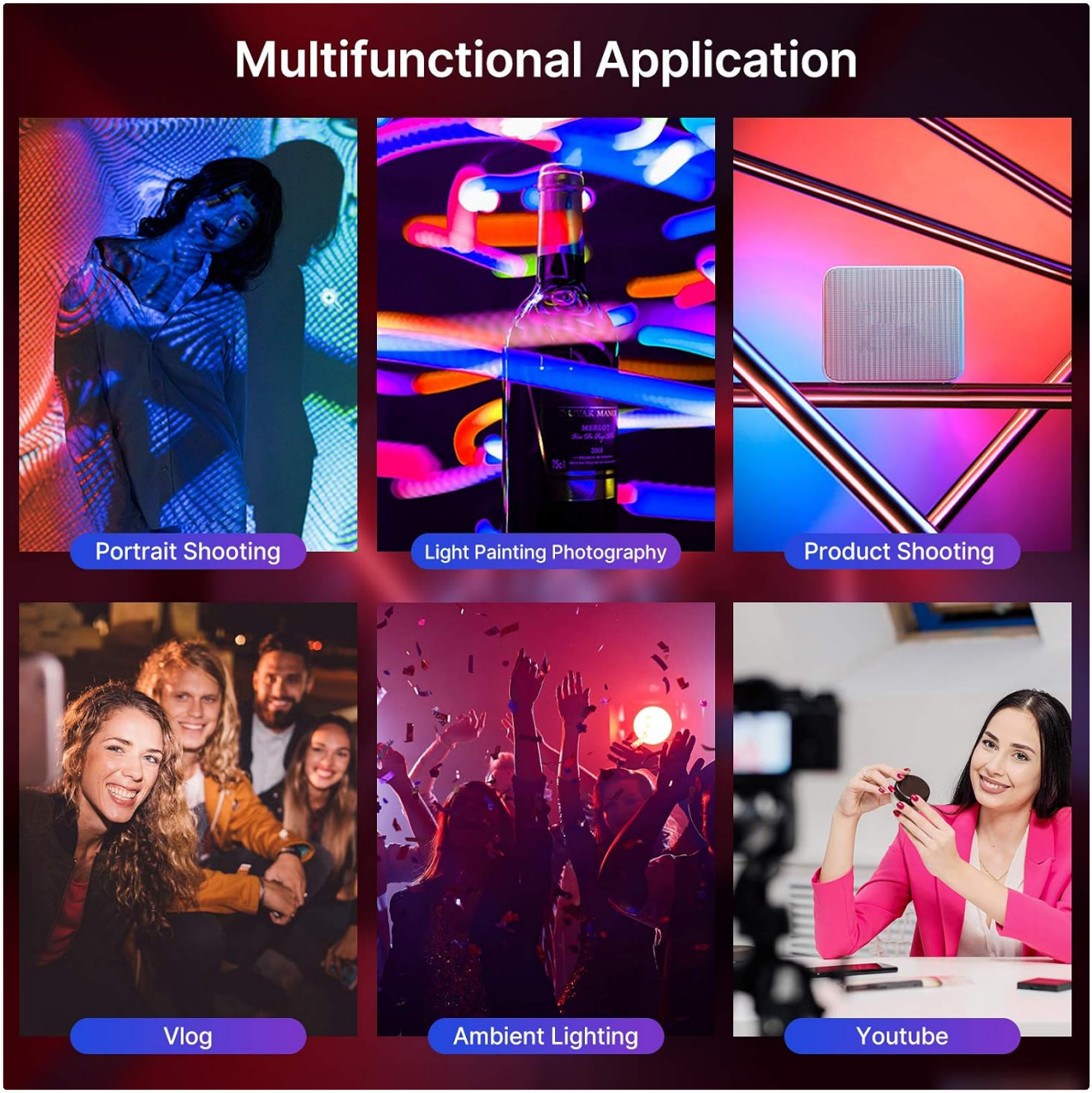


Figure 6.3: The ULANZI VL49 RGB Video Light is suitable for a wide range of applications, from professional portrait and product photography to creative light painting, vlogging, and enhancing ambient lighting for various content creation needs.

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7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the light. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the light in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the light regularly, even if not in use for extended periods (e.g., every 3 months).

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8. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the light using the Type-C cable.
Light flickers or dims unexpectedly.	Low battery or unstable power source.	Recharge the battery. Ensure the charging cable is securely connected if operating while charging.
Cannot change settings (hue, brightness, CCT).	Incorrect mode selected or buttons unresponsive.	Press the Function Button to switch modes. If unresponsive, try powering off and on again.
Magnetic attraction is weak.	Surface is not ferromagnetic or too thick.	Ensure the surface is made of a suitable metal (e.g., iron, steel) and is not excessively thick.

9. Specifications

Feature	Detail
Model Number	ULANZI-2287
Product Dimensions	3.94 x 3.94 x 3.15 inches
Item Weight	3.17 ounces
LED Beads	60 (High Color Rendering)
Illumination Angle	Up to 120°
Brightness	800LUX@0.5m
CRI	95+
Hue Adjustment	0° - 359°
Brightness Adjustment	0% - 100%
Color Temperature	2500K (warm) - 9000K (cold)
Battery Capacity	2000mAh Lithium Polymer
Charging Time	Approx. 2 hours
Max Brightness Output Duration	Up to 2 hours
Min Brightness Output Duration	Up to 10 hours
Charging Port	USB Type-C
Mounting Options	3 Cold Shoe Mounts, Standard 1/4" Screw Thread, Magnetic Attraction

10. Warranty and Support

ULANZI products come with a standard manufacturer's warranty. For detailed warranty information, product support, or technical assistance, please visit the official ULANZI website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

ULANZI Official Website: www.ulanzi.com