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> [PULUZ Magnetic Handheld RGB LED Light Wand \(Model zy4138\) Instruction Manual](#)

## PULUZ zy4138

# PULUZ Magnetic Handheld RGB LED Light Wand (Model zy4138) Instruction Manual

Comprehensive guide for setup, operation, and maintenance.

## 1. INTRODUCTION

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Thank you for choosing the PULUZ Magnetic Handheld RGB LED Light Wand. This versatile lighting tool is designed to enhance your photography and videography with its full-color RGB capabilities, adjustable brightness, and various special effects. Its compact size, magnetic mounting options, and long-lasting battery make it an ideal companion for content creators on the go.



Figure 1: The PULUZ Magnetic Handheld RGB LED Light Wand displaying its full color range.

## 2. PRODUCT OVERVIEW

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### 2.1 Key Features

- **Portable & Multi-Scene:** Lightweight design with 20 adjustable lighting effects (e.g., cop car, ambulance, fireworks, candle, strobe, RGB modes) for diverse applications including selfies, vlogs, and studio photography.

- **Adjustable Brightness & Color Temperature:** Brightness from 0% to 100% and color temperature from 2500K (warm) to 9000K (cool white) for optimal lighting in any condition.
- **Strong Magnetic Mount & 1/4" Screw Holes:** Built-in magnets for attachment to metal surfaces and 1/4-inch screw holes on both ends for tripod or handle mounting.
- **Long-Lasting Battery:** Equipped with a 2000mAh rechargeable battery, providing up to 3 hours of operation at maximum brightness and 30 hours at minimum power. Supports use while charging.
- **Versatile Creative Lighting:** Enhances video production, night photography, and party decor with dynamic pulse, lightning, and HSI color fading effects.

## 2.2 Package Contents

- PULUZ Magnetic Handheld RGB LED Light Wand (Model zy4138)
- USB Type-C Charging Cable
- Instruction Manual



Figure 2: Detailed view of the light wand's components and features.

## 3. SETUP

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### 3.1 Charging the Device

Before first use, fully charge the light wand. Connect the provided USB Type-C cable to the charging port on the device and to a compatible USB power source (e.g., USB charger, power bank, laptop, computer). The charging status will be indicated on the display.

# Built-in lithium battery, strong battery life

Built-in 2000mAh large-capacity battery, up to 3 hours of battery life



## USB Type-c Port ( 5V / 1A )

USB Charging  
Cable Included



USB Charger



Power Bank



Laptop



Computer

Figure 3: Charging the light wand via its USB Type-C port.

## 3.2 Mounting Options

- **Magnetic Attachment:** The light wand features built-in magnets at both ends, allowing it to be securely attached to any metal surface for hands-free lighting.
- **1/4" Screw Holes:** Both ends of the light wand include 1/4-inch screw holes, enabling easy mounting on tripods, light stands, or selfie sticks for stable and flexible positioning.



Figure 4: Examples of magnetic mounting for the light wand.

## 4. OPERATING INSTRUCTIONS

### 4.1 Control Panel

The light wand features an intuitive control panel with several buttons and a display for easy operation:

- **Power/Mode (U/M) Button:** Press and hold for 3 seconds to turn the light on/off. Short press to switch between different lighting modes (CCT, HSI, Special Effects).
- **Brightness +/- Buttons:** Adjust the brightness level (0-100%).
- **Scene (S) Button:** In Special Effects mode, short press to cycle through the 20 different scene effects.
- **Display:** Shows current settings such as brightness, color temperature, and battery status.

### 4.2 Basic Operation

1. **Power On/Off:** Press and hold the Power/Mode button for 3 seconds.
2. **Adjust Brightness:** Use the Brightness +/- buttons to increase or decrease the light intensity from 0% to 100%.
3. **Change Mode:** Short press the Power/Mode button to cycle through CCT (Color Correlated Temperature), HSI (Hue, Saturation, Intensity), and Special Effects modes.

### 4.3 Advanced Settings

- **CCT Mode:** In CCT mode, use the Brightness +/- buttons to adjust the color temperature between 2500K (warm white) and 9000K (cool white).
- **HSI Mode:** In HSI mode, use the Brightness +/- buttons to adjust the hue (0-360°), allowing for a full spectrum of RGB colors.
- **Special Effects Mode:** Short press the Scene (S) button to cycle through 20 pre-programmed lighting effects, including:
  - H/L Beam
  - Red Flash, Green Flash, Blue Flash
  - HSI Slow, HSI Fast
  - Cop Car, Ambulance, Fire Alarm
  - Lightning, Fireworks, TV, Candle
  - Party, Fault Bulb, Pulsing, Strobe, RGB Strobe, Paparazzi, Emergency

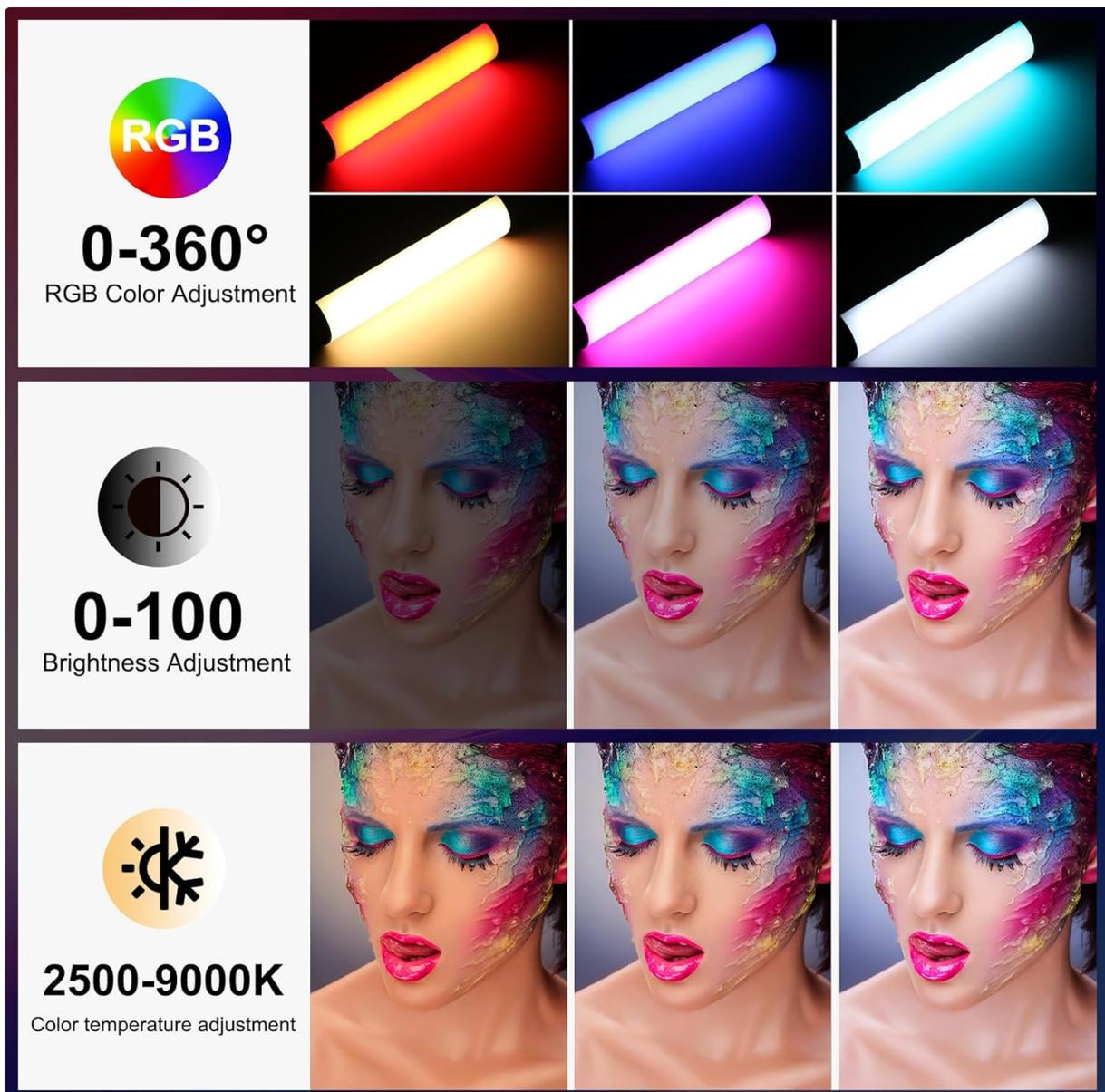


Figure 5: Overview of the 20 special lighting effects.



Figure 6: Adjusting RGB color, brightness, and color temperature.

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Video 1: Demonstration of the Magnetic Handheld Light Wand's features and color changes.

## 5. MAINTENANCE

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- **Cleaning:** Wipe the light wand with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use, to maintain battery health.

## 6. TROUBLESHOOTING

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- **Device not turning on:** Ensure the battery is charged. Connect to a power source and try again.
- **Light not changing color/effect:** Check if you are in the correct mode (CCT, HSI, or Special Effects). Cycle through modes using the Power/Mode button.
- **Light flickering:** Ensure the device is fully charged. If the issue persists, contact customer support.

## 7. SPECIFICATIONS

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Attribute	Value
Brand	PULUZ
Model Number	zy4138
Item Weight	5.9 ounces
Product Dimensions	1.5 x 1.5 x 6.7 inches
Battery Capacity	2000mAh
Battery Life (Max Brightness)	Up to 3 hours
Color Temperature	2500K-9000K
Illumination (0.3m)	600 Lux
CRI (Color Rendering Index)	≥95
Hardware Interface	USB Type C

## 8. WARRANTY AND SUPPORT

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For warranty information or technical support, please refer to the product packaging or contact PULUZ customer service directly. Keep your purchase receipt for any warranty claims.