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› [MEIKEE](#) /

› [MEIKEE RGBW Solar Flood Light Outdoor Instruction Manual](#)

## MEIKEE SL-FL06

# MEIKEE RGBW Solar Flood Light Outdoor Instruction Manual

## INTRODUCTION

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This manual provides instructions for the safe and effective use of your MEIKEE RGBW Solar Flood Light Outdoor, Model SL-FL06. Please read this manual thoroughly before installation and operation to ensure proper function and longevity of the product.

## PRODUCT OVERVIEW

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The MEIKEE RGBW Solar Flood Light is an outdoor lighting solution featuring 78 ultra-bright LED beads, a 5000 mAh rechargeable battery, and a solar panel for charging. It offers multiple color options, adjustable brightness, and various lighting modes. The light is designed for outdoor use with an IP66 waterproof rating, ensuring durability against environmental elements.

## PACKAGE CONTENTS

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- 1 x MEIKEE Solar Flood Light
- 1 x Solar Panel
- 1 x Remote Control
- Mounting Hardware (screws, anchors, ground stake)

## SETUP AND INSTALLATION

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1. **Solar Panel Placement:** Select a location for the solar panel that receives direct, unobstructed sunlight for at least 8 hours daily to ensure optimal charging. Avoid shaded areas.
2. **Flood Light Placement:** The floodlight can be installed on the ground using the provided stake or mounted on a wall using the bracket and screws. Position the light to illuminate the desired area.
3. **Connection:** Connect the solar panel to the floodlight using the provided 5-meter cable and waterproof DC connector. Ensure the connection is secure and fully tightened to prevent water ingress.
4. **Initial Charge:** Before first use, ensure the solar panel is connected and exposed to direct sunlight for a full day (approximately 8 hours) to fully charge the internal battery.
5. **Power On:** Locate the power button on the floodlight unit and press it to activate the light.



Charging during daytime

(8-10H)



5000mAh



Rechargeable Battery



Auto turn on at night

(6-40H)



Image: The solar panel charges the light during the day, enabling automatic illumination at night.



Image: Product dimensions and adjustable angles for both the floodlight and solar panel.

## OPERATING INSTRUCTIONS

1. **Automatic Operation:** The floodlight is designed to automatically turn on at dusk and turn off at dawn, provided the solar panel has received sufficient charge during the day.
2. **Remote Control:** Use the included RF remote control to manage the light's functions. The RF signal allows control from up to 12 meters (360°) and can penetrate some obstacles.
  - **Power:** Use the ON/OFF buttons to manually turn the light on or off.
  - **Color Selection:** Choose from 10 static colors (RGBW) using the dedicated color buttons.
  - **Brightness Adjustment:** Adjust the brightness level (6 levels) for static colors.
  - **Dynamic Modes:** Select from 12 multi-color changing modes, including Flash and Smooth transitions.
  - **Speed Adjustment:** Adjust the speed of dynamic color-changing modes (6 levels).
  - **Timer Function:** Set the light to automatically turn off after 2, 4, or 6 hours.
  - **Memory Function:** The light retains the last selected mode and brightness settings when turned off and on again.

### 3. Indicators:

- **Working Indicators:** A green light indicates power supply.
- **Battery Indicators:** Three green lights indicate battery charge level (100%, 70%, 30%).



Image: The RF remote control allows operation from a distance and through obstacles.

## TIMER FUNCTION

2H 4H 6H Timer On, No Worries



## MEMORY FUNCTION

Remember your last mode setting, no need to reset it if turns on again



**Brightness can be Adjusted From 25%-40%-55%-70%-85%-100%**



Image: The floodlight features a timer function for automatic shut-off and a memory function to recall previous settings.

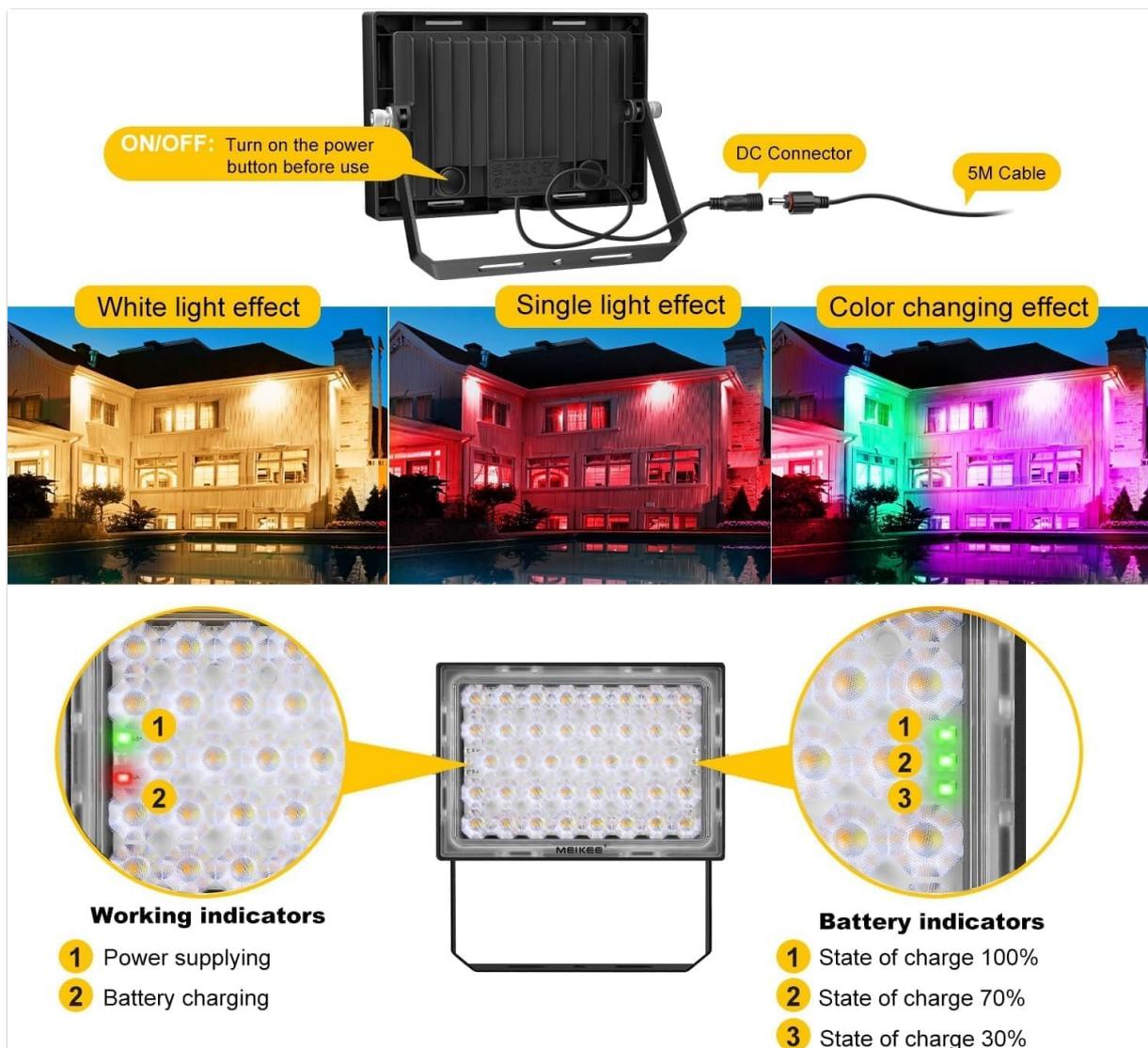


Image: Overview of the floodlight's components and indicator lights for power and battery status.

## MAINTENANCE

1. **Cleaning:** Periodically clean the solar panel surface with a soft, damp cloth to remove dust, dirt, or debris that may obstruct sunlight absorption. Ensure the floodlight lens is also clean for optimal light output.
2. **Weather Resistance:** The floodlight has an IP66 waterproof rating, making it resistant to rain, snow, and other outdoor elements. It is designed to withstand various weather conditions, including heat, cold, dust, and rust.



# IP66 Waterproof

All weathers and seasons resistant



Heat Resistant



Cold Resistant



Dust-Proof



Anti-Rust

Image: The floodlight is IP66 waterproof, ensuring durability against all weather conditions.

## TROUBLESHOOTING

### • Light Does Not Turn On:

- Ensure the solar panel is placed in direct sunlight and has charged for at least 8 hours.
- Verify the power button on the floodlight is pressed.
- Check all cable connections for security.

### • Short Lighting Duration:

- The solar panel may not be receiving enough direct sunlight. Relocate the panel to an area with maximum sun exposure.

- Heavy cloud cover or short winter days can reduce charging efficiency.
- Ensure the battery is fully charged before use.
- **Remote Control Not Responding:**
  - Ensure the remote control's battery is functional.
  - Point the remote directly at the floodlight's receiver for optimal signal.

## SPECIFICATIONS

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<b>Brand</b>	MEIKEE
<b>Model Number</b>	SL-FL06
<b>Light Source Type</b>	LED (78 beads)
<b>Light Color</b>	RGBW (RGB + 2700K Warm White)
<b>Brightness</b>	3000 Lumens
<b>Battery Capacity</b>	5000 mAh
<b>Charging Time</b>	8 hours (solar)
<b>Lighting Duration</b>	6-40 hours (depending on mode/brightness)
<b>Water Resistance Level</b>	IP66 Waterproof
<b>Control Method</b>	RF Remote Control
<b>Remote Control Distance</b>	12 meters / 360°
<b>Material</b>	Aluminum, Glass
<b>Product Dimensions</b>	9.06"L x 7.35"W x 2.24"H
<b>Item Weight</b>	2.33 pounds
<b>Cable Length (Solar Panel to Light)</b>	5 meters (16.5 ft)

## WARRANTY INFORMATION

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This product comes with a limited warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the product packaging or contact MEIKEE customer support directly. Keep your purchase receipt as proof of purchase for warranty claims.

## CUSTOMER SUPPORT

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For further assistance, technical support, or warranty inquiries, please contact MEIKEE customer service. You can typically find contact information through the retailer's platform where you purchased the product or on the official MEIKEE website.

