

ChangM BLFL-LFBA

ChangM BLFL-LFBA 50W LED RGB Flood Light User Manual

Model: BLFL-LFBA | Brand: ChangM

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ChangM BLFL-LFBA 50W LED RGB Flood Lights. Please read this manual thoroughly before use to ensure proper function and safety.

2. SAFETY INSTRUCTIONS

- Ensure the power supply is disconnected before installation or maintenance.
- Do not attempt to disassemble or modify the product. This will void the warranty and may cause damage or injury.
- Keep the product away from flammable materials.
- Ensure the installation surface is stable and can support the weight of the light fixture.
- This product is rated IP66 waterproof, suitable for outdoor use, but avoid submerging it in water.
- Use only with the specified voltage (85-265V AC, 50/60Hz).

3. PACKAGE CONTENTS

Each package contains the following items:

- 50W RGB Flood Lights (Quantity: 4)
- User Manual (Quantity: 4)



Image: Four 50W RGB Flood Lights and a smartphone showing the control app.

4. PRODUCT FEATURES

- **Smart Control:** Bluetooth 5.0 Mesh technology for APP control (no registration or internet required).
- **Color & Brightness:** 16 million static colors, 23 dynamic modes, and 1%-100% brightness adjustment. Warm White (2700K) included.
- **High Brightness:** 50W power, 5000LM, equivalent to 500W traditional lighting.
- **Durability:** IP66 waterproof rating, made of die-cast aluminum and tempered glass, resistant to frost and heat.
- **Timing Function:** Schedule automatic turn on/off times.
- **DIY Scenes:** Create and save custom lighting scenes for various occasions.
- **Music Sync:** Lights can change color according to music rhythm.
- **Group Control:** Control multiple lights individually or as a group via the app.

- **Flicker-free:** Designed to be friendly for your eyes.

5. SETUP

5.1 App Download and Installation

Search for the "BRmesh" app on your smartphone's app store (iOS or Android) and install it.

5.2 Device Pairing

Follow these steps to pair your flood lights with the BRmesh app:

1. Ensure Bluetooth is enabled on your smartphone.
2. Open the BRmesh app.
3. Click the "+" icon in the app to add a device.
4. Confirm you have understood the instructions (e.g., distance between light and phone).
5. Power off the flood light(s) and then power them back on. The light(s) will flash quickly to indicate pairing mode.
6. The app will scan and discover the lights. Select the lights you wish to add.
7. Once added, you can control the lights individually or group them.

Video: Demonstrates the process of adding a device to the BRmesh app, including powering lights on/off for pairing and confirming successful connection.

6. OPERATING INSTRUCTIONS

The ChangM LED RGB Flood Lights are controlled via the BRmesh app. Here are the primary functions:

6.1 Color and Brightness Adjustment

- In the app, navigate to the color selection interface.
- Choose from 16 million static colors using the color wheel or preset color options.
- Adjust the brightness from 1% to 100% using the slider.
- You can also select Warm White (2700K) for standard illumination.

Video: Illustrates how to customize colors using the color wheel and adjust brightness within the BRmesh app.

6.2 Dynamic Modes and DIY Scenes

- The app offers 23 pre-set dynamic modes (e.g., flash, fade, smooth).
- To create a DIY scene, select a DIY flash or DIY fade mode. Click the 'Edit' button to choose desired colors and speed levels.
- Save your customized scenes for quick access.

Video: Shows various RGB color change effects and app control features, including dynamic modes and brightness adjustment.

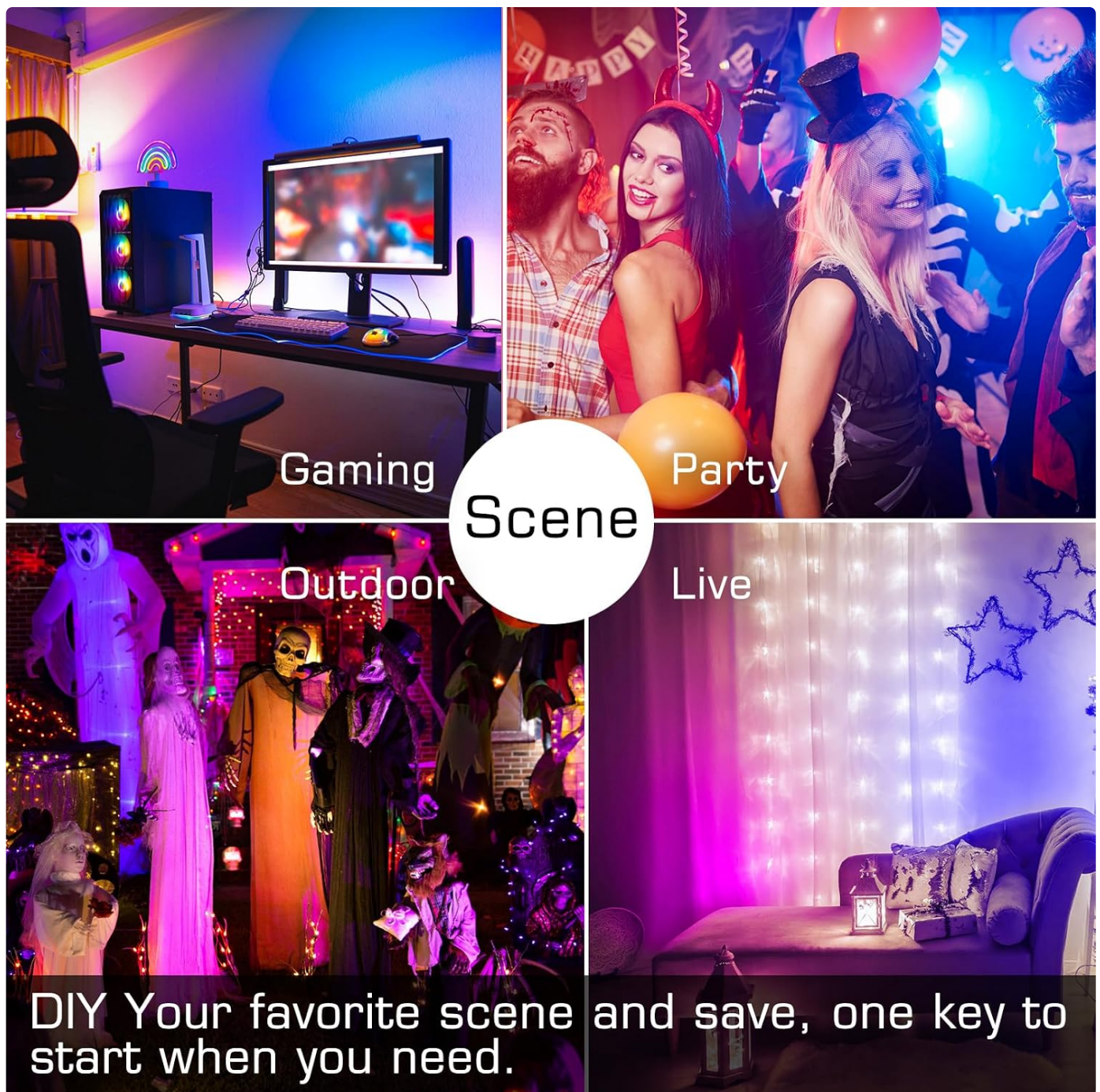


Image: Examples of DIY scenes for different occasions.

6.3 Timing Function

- Set specific times for the lights to automatically turn on and off daily.
- This feature is accessible through the app's timing settings.

Video: Demonstrates the timing function, allowing users to schedule when lights turn on and off.



TIMING FUNCTION

You can reserve the time to turn on the lights and turn off the lights

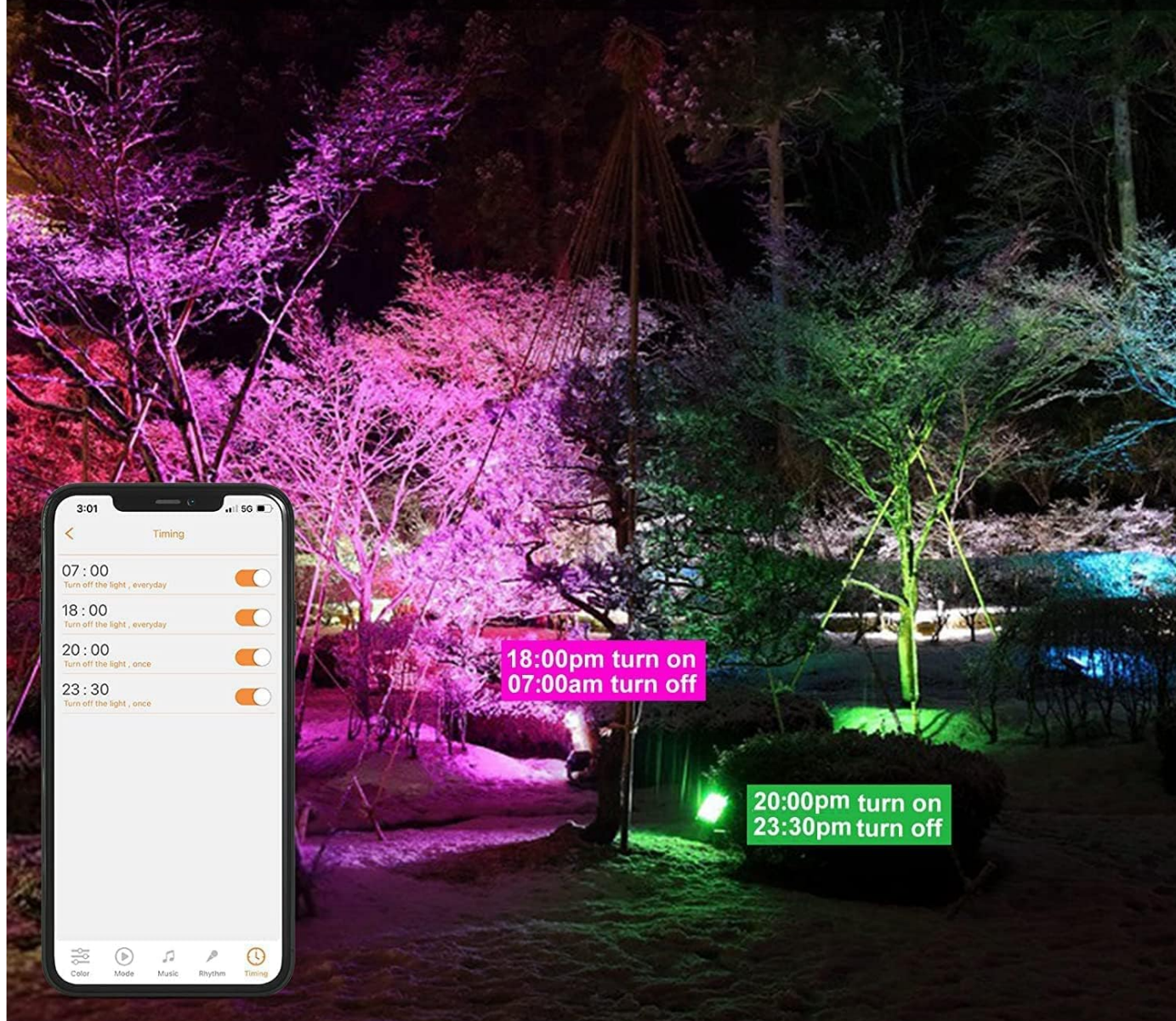


Image: App interface for setting timing functions.

6.4 Music Sync

- Enable the music sync feature in the app to have the lights change colors according to the rhythm of music.

Video: Shows RGB flood lights changing colors in sync with music, suitable for parties and events.

6.5 Group Control

- The BRmesh app allows control of up to 125 lamps simultaneously.
- Group multiple lights to control them together or manage them individually.



Image: Multiple features available on the BRmesh app, including group control.

7. INSTALLATION

The ChangM LED RGB Flood Lights offer flexible installation options:

- **Wall Mounted:** Secure the light fixture to a wall using appropriate hardware.
- **Ground Stake (if included):** Attach a ground stake to the fixture and insert it into soft ground like a lawn or garden bed.
- The fixture features a 360° rotation capability for optimal light direction.

Video: Demonstrates the installation flexibility, showing lights placed on a lawn with stakes and mounted on a wall.

8. MAINTENANCE

- **Cleaning:** Wipe the light fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Waterproof Rating:** The IP66 rating ensures protection against dust and powerful water jets. It is suitable for heavy rain and various harsh environments.
- **Temperature Resistance:** The lights are designed to withstand temperatures from -25°C to 55°C.

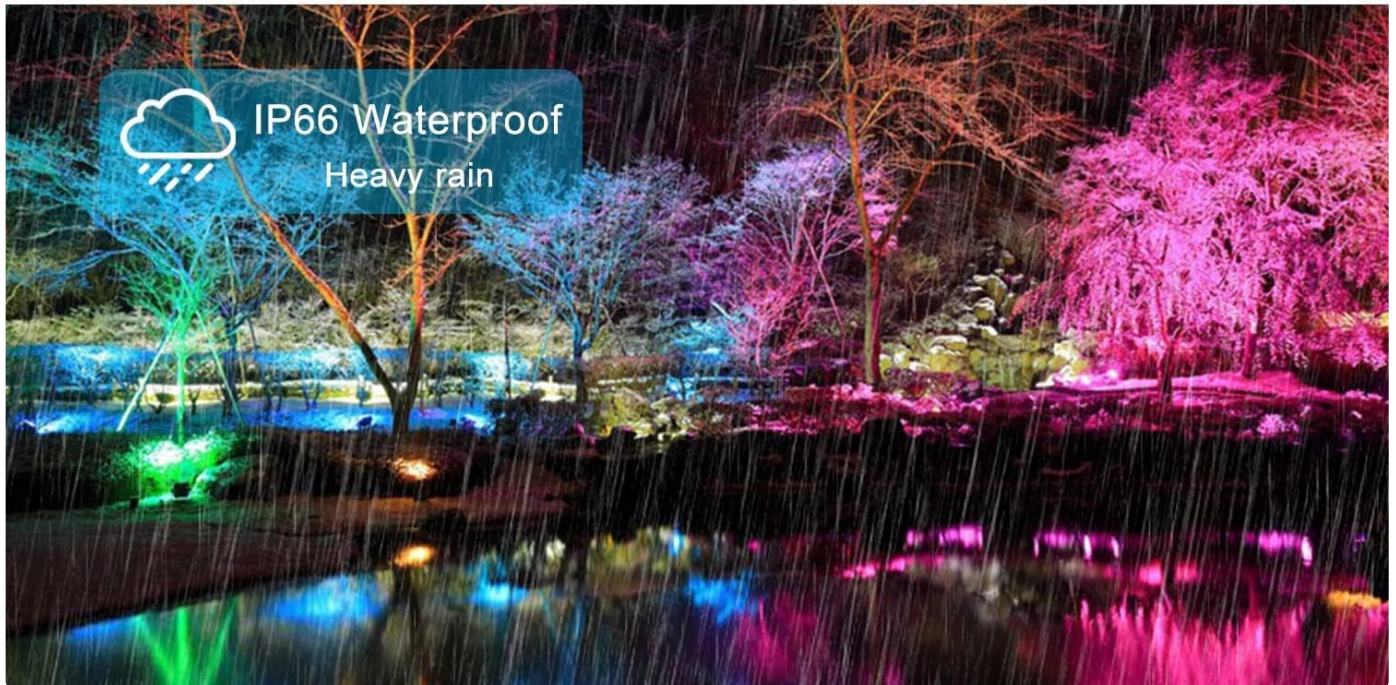


Image: Illustrates the IP66 waterproof rating and temperature resistance of the flood light.

9. SPECIFICATIONS

Feature	Detail
Brand	ChangM
Model Name	BLFL-LFBA
Wattage	50W
Brightness	5000 Lumens
Voltage	85-265V AC

Frequency	50/60Hz
Light Color	RGB + Warm White (2700K)
Control Method	Bluetooth APP Control (BRmesh app)
Connectivity Protocol	Bluetooth 5.0 Mesh
Water Resistance Level	IP66 Waterproof
Material	Aluminum, Glass
Product Dimensions	7.36"L x 5.15"W x 1.37"H
Item Weight	6.6 Pounds (for 4-pack)
Operating Temperature	-25°C to 55°C

10. TROUBLESHOOTING

- **Light not pairing:** Ensure Bluetooth is active on your device and the light is powered off and on to enter pairing mode. Make sure your device is within 30 meters of the light.
- **Lights not responding to app:** Check Bluetooth connection. Close and reopen the app. Power cycle the lights.
- **Inconsistent color changes in dynamic modes:** Ensure all lights are properly paired and part of the same group if intended for synchronized effects.
- **Light not turning on:** Check power connection and ensure the light is not set to an 'off' schedule in the app.

11. WARRANTY AND SUPPORT

ChangM provides a **2-year warranty** for this product. Additionally, a **90-day money-back guarantee** is offered. For any product-related issues or inquiries, please do not hesitate to contact ChangM customer service. We are committed to high-quality standards and friendly customer support. Contact information can typically be found on the product packaging or the official ChangM website.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question