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> [Taptoron BLFL-LFFA Smart RGBW LED Flood Light Instruction Manual](#)

Taptoron BLFL-LFFA

Taptoron BLFL-LFFA Smart RGBW LED Flood Light Instruction Manual

Model: BLFL-LFFA

1. INTRODUCTION

Thank you for choosing the Taptoron Smart RGBW LED Flood Light. This manual provides essential information for the safe and efficient operation of your new flood light. Please read it thoroughly before installation and use, and retain it for future reference.

This 80W equivalent 8000LM LED flood light offers smart control via a mobile application, providing 16 million colors, 23 preset modes, and adjustable brightness. It is designed for both indoor and outdoor use with an IP66 waterproof rating.



Image: Taptoron Smart RGBW LED Flood Light illuminating a modern house exterior at dusk, showcasing its vibrant color capabilities.

2. SAFETY INFORMATION

- Ensure the power is disconnected before installation or maintenance.
- This product is designed for 110V (AC) power sources. Verify your power supply matches this requirement.

- Do not attempt to disassemble or modify the flood light. This may void the warranty and pose safety risks.
- Keep away from flammable materials.
- If any damage is observed, discontinue use immediately and contact customer support.
- The flood light is IP66 waterproof, suitable for outdoor use, but avoid submerging it in water.

3. WHAT'S IN THE BOX

The Taptoron BLFL-LFFA Smart RGBW LED Flood Light package includes:

- 1 x Taptoron BLFL-LFFA Smart RGBW LED Flood Light
- 1 x Instruction Manual (this document)

4. SPECIFICATIONS

Feature	Specification
Brand	Taptoron
Model Name	BLFL-LFFA
Wattage	80 Watts (800W Equivalent)
Brightness	8000 Lumens
Color Temperature	5700K (Daylight) + RGBW
Control Method	Bluetooth APP Control (BRmesh)
Connectivity Protocol	Bluetooth 5.0
Water Resistance Level	IP66 Waterproof
Material	Aluminum
Cable Length	180cm (70.8 inches)
Voltage	110 Volts (AC)
CRI	>85

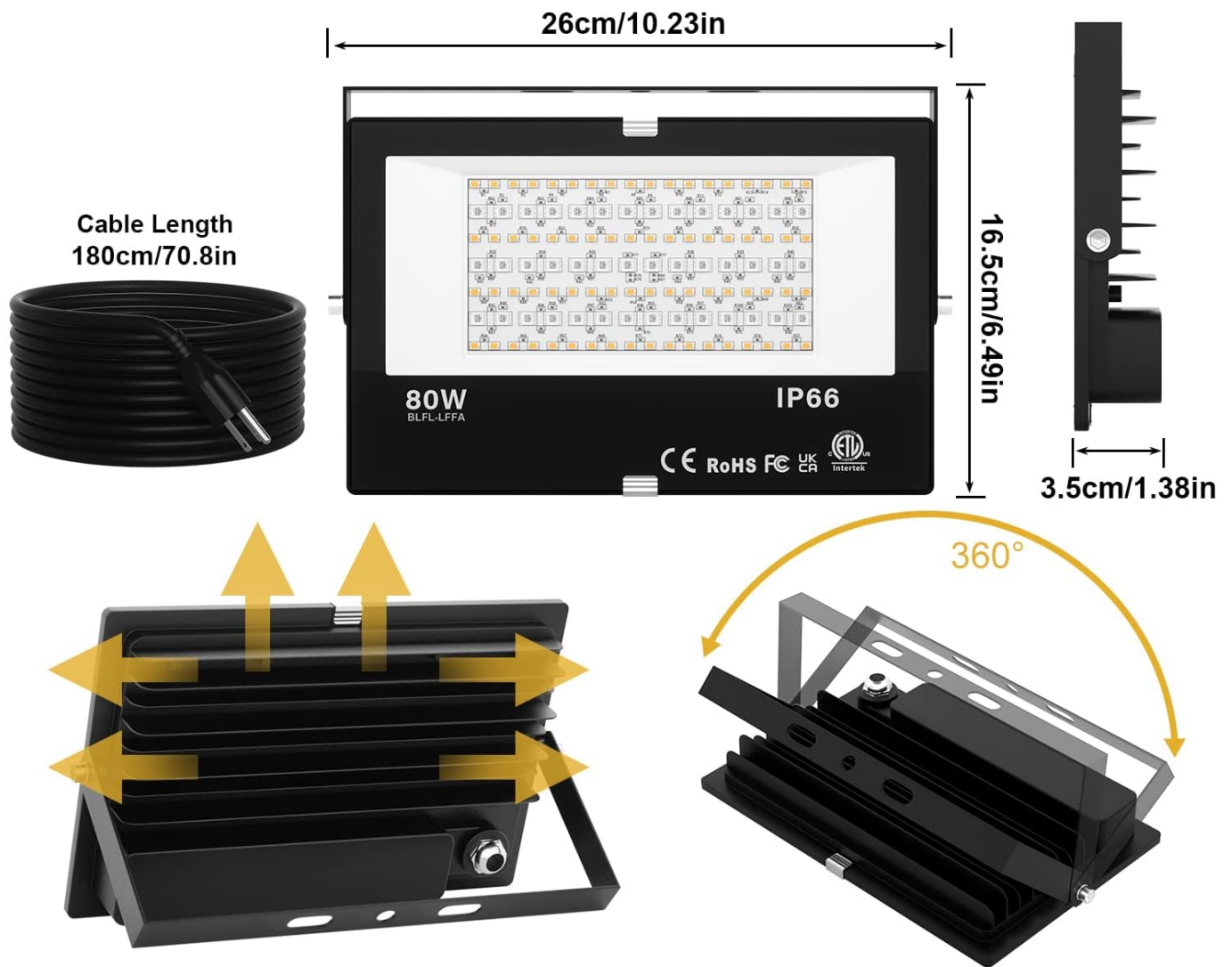


Image: Detailed dimensions and features of the Taptoron LED Flood Light, highlighting its 180cm cable length, 360-degree rotation capability, and various installation methods (ceiling, wall, ground).

5. SETUP

5.1 App Download and Installation

To control your Taptoron Smart RGBW LED Flood Light, you need to download the "BRmesh" application on your mobile phone.

1. Scan the QR code below or search for "BRmesh" in your device's app store (Google Play for Android, Apple App Store for iOS).
2. Install the application on your mobile device.



Image: QR code for downloading the BRmesh application.

5.2 Device Pairing

The Taptoron flood light uses Bluetooth 5.0 Mesh technology for easy and stable connection. No registration or internet connection is required for basic control.

1. Plug in your Taptoron Smart RGBW LED Flood Light to a power source.
2. Open the "BRmesh" application on your mobile phone.
3. Ensure Bluetooth is enabled on your phone. The app will automatically detect nearby Taptoron flood lights.
4. Follow the in-app instructions to add the light(s) to BRmesh. For multiple lights, the app can automatically identify one as the main control for group management.

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Video: Demonstrates the setup and app control features of the Taptoron Smart LED Flood Light, including color changing and brightness adjustment.

5.3 Physical Installation

The flood light features a 360-degree rotatable bracket, allowing for flexible installation in various locations.

- **Wall Mount:** Secure the bracket to a wall using appropriate screws (not included) to illuminate desired areas.
- **Ground Placement:** For temporary or landscape lighting, the flood light can be placed directly on the ground. (Note: If using with a stake, ensure the stake is securely inserted into the ground).
- **Ceiling Mount:** The bracket can also be used to mount the light to a ceiling or overhang for downward illumination.



Image: Diagram illustrating the 360-degree rotation capability of the flood light's mounting bracket, allowing for versatile positioning.

6. OPERATING INSTRUCTIONS

6.1 Basic App Control

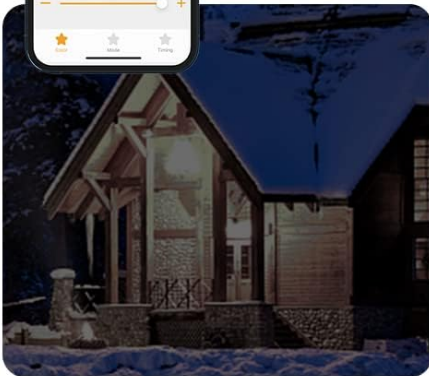
Once paired, use the BRmesh app to control your flood light:

- **Color Selection:** Choose from 16 million colors using the color wheel or preset color options (RGB+Daylight 5700K).
- **Brightness Adjustment:** Adjust the light intensity from 1% to 100% using the brightness slider.

- **Dynamic Modes:** Select from 23 preset dynamic modes, including holiday themes (Christmas, Valentine's Day, Winter mode) and two customizable DIY modes.



21 Preset modes+2 DIY scenes & Brightness Adjustable
 Including Christmas mode, Winter mode, Valentine's Day mode and so on. You can choose your favorite color and mode. (Not compatible with Alexa or Google Home)



25%



50%



100%



Image: Screenshot of the BRmesh app interface displaying the color wheel and brightness slider, with corresponding flood lights illuminating a house in different colors.

6.2 Group Control

Leverage Bluetooth Mesh 5.0 technology to control multiple Taptoron flood lights simultaneously.

- The app can automatically identify and link multiple lights.
- Control all connected flood lights as a group or individually within the app.
- This feature provides stable control and avoids limitations of infrared remote or Wi-Fi controls.

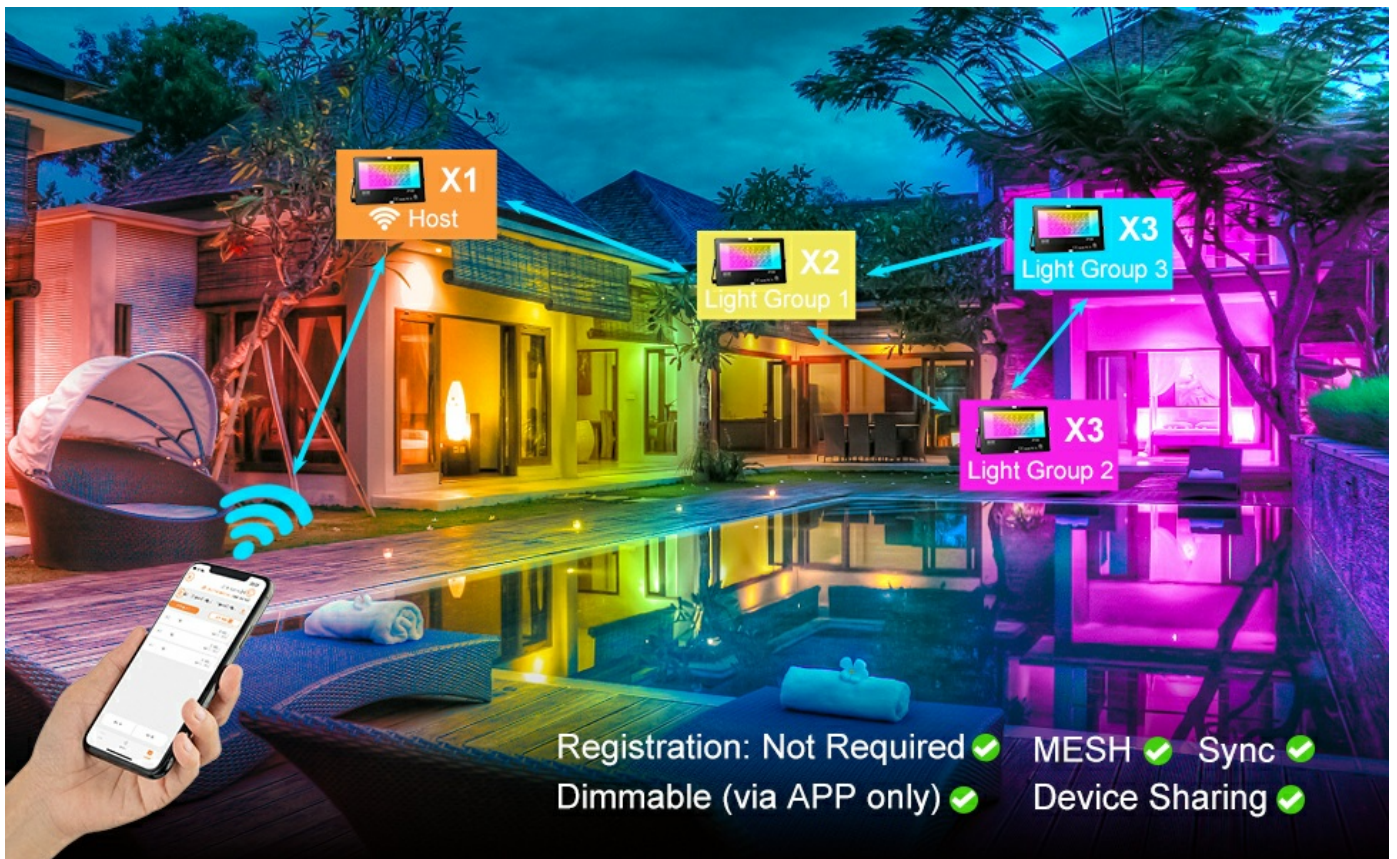


Image: Diagram illustrating the Bluetooth Mesh group control feature, showing how multiple flood lights around a pool area can be controlled from a single mobile device.

6.3 Music Sync Function

The flood light can change colors in rhythm with music.

- For Android devices, music is imported from local phone files.
- For Apple devices, music is sourced from Apple Music.
- Activate this feature within the BRmesh app under the "Music" or "Rhythm" section.

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Video: Demonstrates the RGB Flood Light's music sync feature, showing lights changing color in rhythm with music in various party and event settings.

6.4 Timer Function

Set schedules for your flood lights to turn on or off automatically at specific times.

- Access the timer settings within the BRmesh app.
- Set desired on/off times for individual lights.
- **Note:** The timer function is not available for group control.



Color Change Sync to Music & 24H Timing Fuction

Control the flood light through "BRmesh", and the color will change according to the rhythm of the music melody in the APP.
Or set timer, auto-on and auto-off(The group control cannot use the timer function).



Image: Screenshot of the BRmesh app displaying timer settings, with examples of flood lights illuminating outdoor scenes at scheduled on/off times.

7. MAINTENANCE

- **Cleaning:** Regularly wipe the surface of the flood light with a soft, damp cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the power cable and housing for any signs of damage. If damage is found, contact customer support.
- **Environmental Conditions:** While IP66 waterproof, extreme weather conditions (e.g., severe storms, prolonged heavy snow) may still impact performance over time. Ensure proper drainage around ground-mounted units.



Image: Taptoron LED Flood Light depicted in various weather conditions, emphasizing its IP66 waterproof rating and resistance to frost and heat.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose connection; faulty unit.	Check power outlet and cable connection. Ensure power is on. If problem persists, contact support.
Cannot connect to app.	Bluetooth off; light out of range; app issue.	Ensure phone's Bluetooth is on. Move closer to the light. Restart the app or phone. Re-pair the device.
Colors are not accurate or responsive.	App synchronization issue; interference.	Restart the app. Check for any strong electromagnetic interference. Ensure the app is up to date.

Timer function not working for group.	This is a known limitation.	Timer function is designed for individual lights, not group control. Set timers for each light separately.
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9. WARRANTY AND SUPPORT

Taptoron provides a **2-year warranty** and a **90-day unconditional money-back guarantee** for this product. If you encounter any issues or have questions regarding your Taptoron Smart RGBW LED Flood Light, please contact our customer support team for assistance. Refer to your purchase documentation for specific contact details. For more information, visit the official Taptoron store: [Taptoron Store](#)