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› T-SUN RGB Flood Lights Outdoor Instruction Manual

T-SUN TS-F4250-RGBCW-US-2Pack

T-SUN RGB Flood Lights Outdoor Instruction Manual

Model: TS-F4250-RGBCW-US-2Pack | Brand: T-SUN

1. INTRODUCTION

Thank you for choosing T-SUN RGB Flood Lights. These versatile LED floodlights are designed for both indoor and outdoor use, offering a wide spectrum of colors and smart control options. This manual provides detailed instructions for safe installation, operation, and maintenance to ensure optimal performance and longevity of your product.



Figure 1: T-SUN RGB Flood Lights with included accessories.

The T-SUN RGB Flood Lights are 60W units, equivalent to 600W traditional lighting, providing 6000 lumens of brightness. They feature 16 million color options, adjustable white light (2700K-6500K), and various dynamic modes including Music Sync and Microphone Control. Control is available via both a dedicated remote and a smartphone application.

2. SAFETY INFORMATION

- Ensure the power supply is disconnected before installation or maintenance.
- This product is rated IP66 waterproof, suitable for outdoor use in rain or snow. However, do not submerge the lights in water.
- Use only with a grounded AC power source (120V AC).
- Do not attempt to disassemble or modify the product. This will void the warranty and may cause electrical hazards.
- Keep out of reach of children.
- Avoid direct eye exposure to the light source when illuminated, as it is very bright.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and undamaged:

- 2 x T-SUN RGB Flood Lights
- 1 x Instruction Manual
- 2 x Remote Controls

4. SETUP

4.1 Physical Installation

The T-SUN RGB Flood Lights offer three installation options: ground mount, wall mount, or ceiling mount. The 180° adjustable body allows for flexible positioning.

1. **Ground Mount:** Attach the provided ground stake to the light's bracket. Ensure the stake is securely screwed into the bracket. Insert the stake firmly into soft ground, such as a lawn or garden bed.
2. **Wall/Ceiling Mount:** Use appropriate screws (not included) to secure the light's mounting bracket to a stable wall or ceiling surface. The bracket has pre-drilled holes for this purpose. Adjust the light's angle as desired.

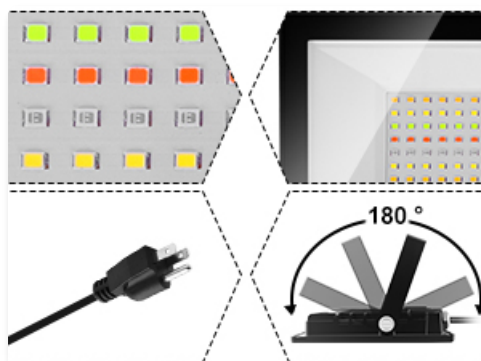


Figure 2: Adjustable bracket for versatile mounting.

4.2 App Connection (Surplife App)

To unlock the full potential of your T-SUN RGB Flood Lights, connect them to the Surplife smartphone application. This allows for advanced control and customization.

1. **Download the App:** Scan the QR code in the manual or visit <https://faqsys.magichue.net:4489/wifi/page/download/surpLife> to download the "Surplife" app.
2. **Register/Sign In:** Open the app and create an account or sign in if you already have one.
3. **Add New Device:** Tap the "+" icon or "Add device" button within the app.
4. **Choose Connection Mode:** Select "Bluetooth Mode" for initial pairing. The app will scan for nearby devices.
5. **Select Light:** Once your floodlight appears in the list (e.g., "Bulb62D8"), select it.
6. **Complete Pairing:** The app will confirm successful pairing. You can then choose to connect via Wi-Fi by entering your Wi-Fi password for extended control range and smart home integration.



Figure 3: App connection process for T-SUN Flood Lights.

5. OPERATING INSTRUCTIONS

5.1 Remote Control Operation

Each floodlight comes with a dedicated remote control for basic functions. Ensure the remote is pointed towards the light's sensor for optimal response.

- **Power Button:** Turn the light ON or OFF.
- **Brightness Adjustment:** Increase or decrease light intensity.
- **Color Selection:** Directly select preset colors (Red, Green, Blue, etc.) or cycle through a wider spectrum.
- **White Light Adjustment:** Adjust the color temperature of white light (e.g., 2700K warm white to 6500K cool white).
- **Mode Selection:** Choose from various dynamic modes (e.g., flash, fade, jump).
- **Scene Presets (S1-S4):** Activate pre-programmed scenes for different occasions.

5.2 App Control Operation

The Surplife app provides comprehensive control and advanced features for your floodlights.

- **16 Million Colors:** Access a full color wheel to select any desired color for your DIY projects.
- **Music Sync Mode:** The lights can change colors and patterns in sync with music played through your phone.

This is ideal for parties and festive occasions.

- **Microphone Control Mode:** (Available when connected to Wi-Fi) The lights respond to ambient sounds picked up by your phone's microphone, creating dynamic lighting effects.
- **Timing Function:** Set schedules for the lights to automatically turn ON/OFF at specific times, such as dawn and sunset. This feature also includes memory function, retaining your last settings.
- **DIY Dynamic Modes:** Create and customize your own lighting scenes and effects.
- **Scene Selection:** Choose from a variety of pre-set scenes like "Colorful," "French style," "American style," "Valentine's Day," "Easter," "Halloween," "Thanksgiving," and "Christmas."

Timing & Memory Function

Trun on/off automatically regular

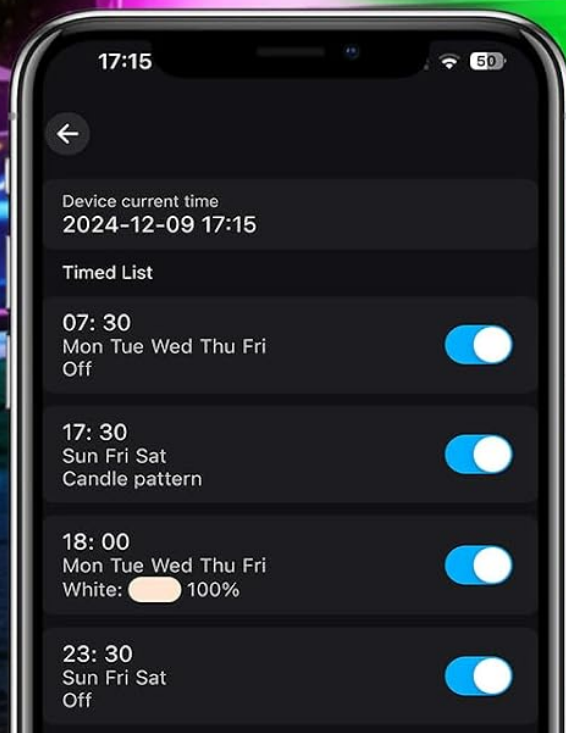


Figure 4: Timing and memory functions via the app.

Music Sync Mode RGBCW Flood Light for Party

The colour will sync to the beat for music, dance with lover/friends

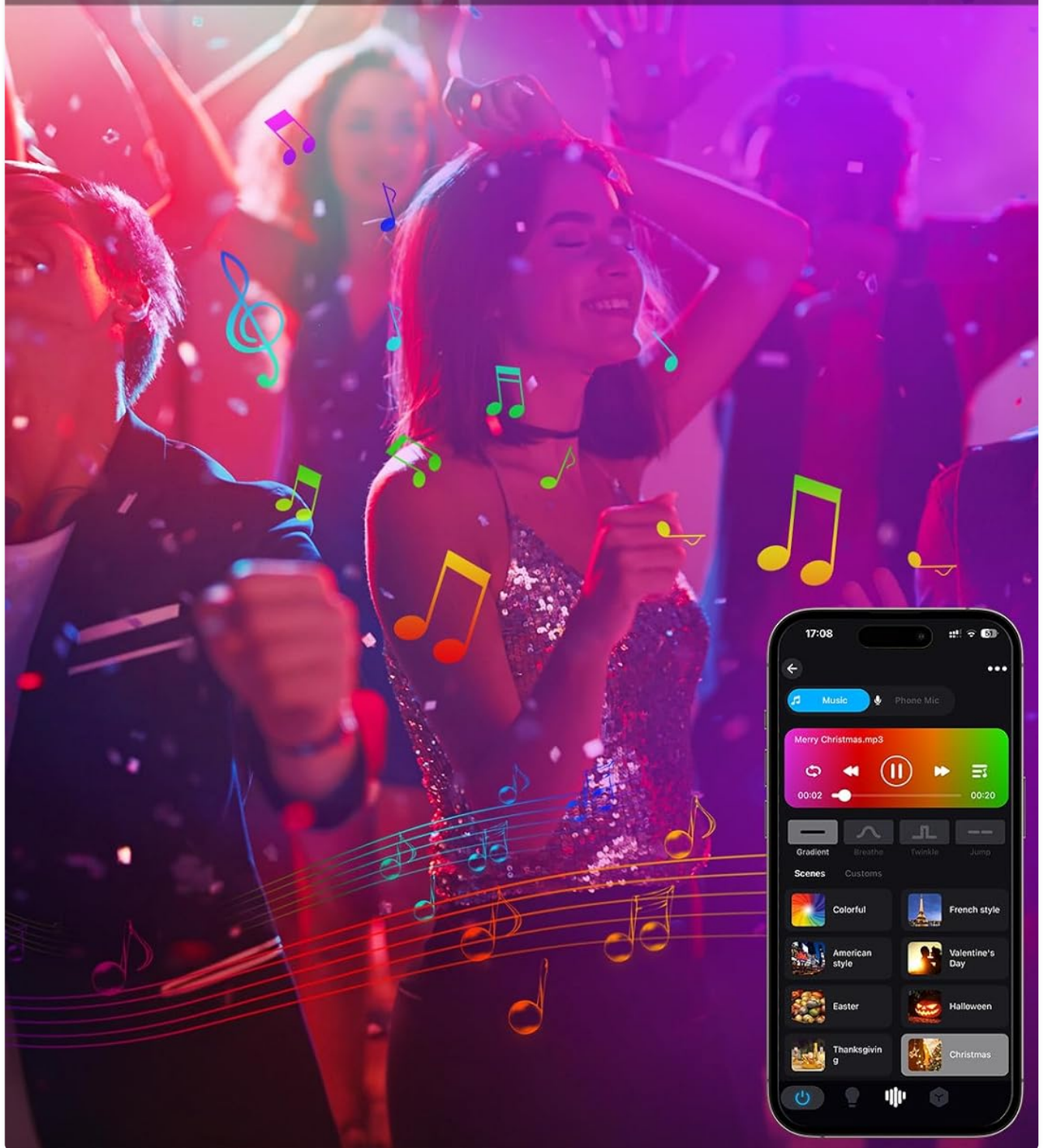


Figure 5: Music Sync Mode for dynamic party lighting.

Microphone Control Mode

Only Available When Connected to WiFi



Figure 6: Microphone Control Mode for sound-reactive lighting.

6. MAINTENANCE

- **Cleaning:** Wipe the light's surface with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the power cord and plug for any signs of damage. Ensure all connections are secure.
- **Storage:** If storing the lights for an extended period, disconnect them from power and store in a cool, dry place.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose connection; remote/app issue.	Check power outlet and connections. Ensure remote has working batteries. Try controlling via app.
Remote control not working.	Batteries dead; remote not pointed at sensor; interference.	Replace remote batteries. Ensure clear line of sight to light's sensor. Reduce interference.
App cannot connect to lights.	Bluetooth/Wi-Fi off; incorrect pairing; network issues.	Ensure Bluetooth/Wi-Fi is enabled on your phone. Re-attempt pairing process. Check Wi-Fi signal strength.
Colors are not changing correctly.	Mode selection error; app/remote malfunction.	Verify the selected mode in the app or on the remote. Restart the app or power cycle the light.

8. SPECIFICATIONS

Feature	Detail
Brand	T-SUN
Model Name	Color Changing Flood Lights Outdoor
Part Number	TS-F4250-RGBCW-US-2Pack
Color	RGB (16 Million Colors) + Cold White (6500K)
Material	Aluminum, Glass
Light Fixture Form	Floodlight
Product Dimensions	9.56"L x 6.4"W x 1.14"H
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	AC
Special Features	Color Changing, Portable, Shock Resistant, Timer, Waterproof
Control Method	App, Remote

Feature	Detail
Light Source Type	LED
Voltage	120 Volts (AC)
Wattage	60 watts
Water Resistance Level	IP66 Water Resistant
Brightness	6000 Lumen
Item Weight	2.4 Pounds (for 2 lights)

LED Flood Light Outdoor/Indoor



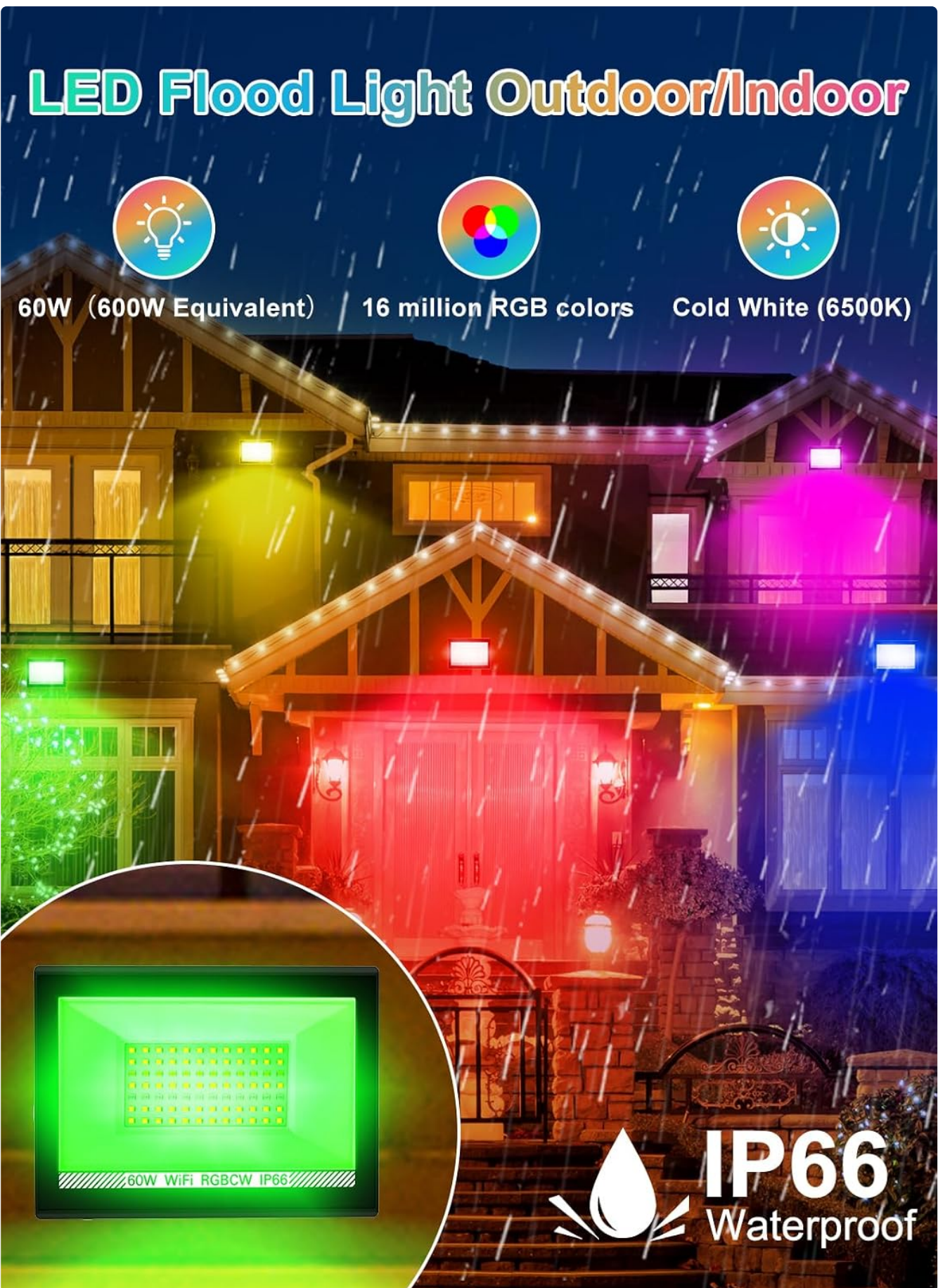
60W (600W Equivalent)

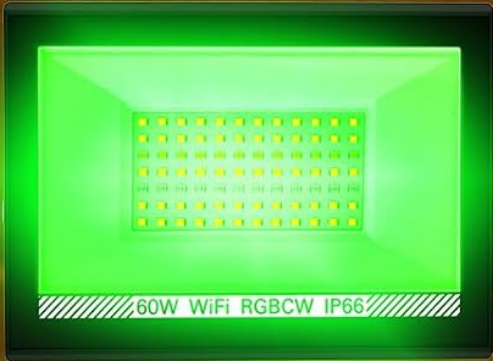


16 million RGB colors



Cold White (6500K)





60W WiFi RGBCW IP66



IP66
Waterproof

Figure 7: Key features and specifications of the floodlight.

9. WARRANTY AND SUPPORT

T-SUN provides a **1-year warranty** for these RGB Flood Lights from the date of purchase. We are committed to your satisfaction and offer **24-hour after-sales assistance** for any queries or issues you may encounter. For support, please contact our customer service team through the platform where you purchased the product or refer to the contact information provided in your purchase documentation.