

T-SUN 10W RGB Flood Light

T-SUN 10W RGB LED Flood Light User Manual

Model: 10W RGB Flood Light (5 Pack)

1. INTRODUCTION

Thank you for purchasing the T-SUN 10W RGB LED Flood Light. This manual provides important information regarding the installation, operation, and maintenance of your new flood lights. Please read this manual thoroughly before use and retain it for future reference.

The T-SUN 10W RGB LED Flood Light is designed for both indoor and outdoor use, offering versatile lighting solutions with its color-changing capabilities and durable, waterproof design. It is ideal for illuminating gardens, yards, patios, buildings, and for creating festive atmospheres.



Figure 1: T-SUN 10W RGB LED Flood Light (5 Pack) with included remote controls and power plug.

2. SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire, electric shock, or injury to persons, please follow these instructions carefully.

- Always disconnect power before installing or servicing the fixture.
- Ensure the power supply voltage matches the requirements of the flood light.
- Do not immerse the floodlight in water for extended periods. While the light itself is IP65 waterproof, the US plug is NOT waterproof and must be protected from water exposure.
- Do not attempt to disassemble or modify the light fixture. This will void the warranty and may cause damage or injury.
- Keep away from flammable materials.
- Ensure the mounting surface is stable and can support the weight of the fixture.
- If any damage is observed, discontinue use immediately and contact customer support.

3. PRODUCT FEATURES

- **10W RGB Flood Light:** Equipped with high-quality EPISTAR Chip, providing a wide 120° beam angle for ambient lighting. Features a memory function to retain the last color/mode setting upon power cycle.
- **16 Colors & 4 Lighting Modes:** Offers 16 static colors and 4 dynamic modes (Flash, Strobe, Fade, Smooth) controllable via remote.
- **Waterproof and Durable:** IP65 waterproof rating for the light body, suitable for all weather conditions. Constructed from efficient aluminum for superior heat dissipation and longevity.
- **Adjustable Installation:** Features a 180° adjustable lamp body and a sturdy bracket for flexible mounting on ceilings, walls, or ground.
- **Wide Application:** Suitable for various indoor and outdoor settings including gardens, yards, patios, streets, buildings, landscapes, and for special occasions like Halloween and Christmas.



Figure 2: Examples of T-SUN RGB LED Flood Lights in various outdoor settings.



Figure 3: The flood light demonstrating its IP65 waterproof capability in a rainy environment.

4. SETUP AND INSTALLATION

1. **Choose Location:** Select a suitable location for installation, ensuring it is within reach of a power outlet and provides the desired lighting coverage. Consider the 120° beam angle for optimal placement.
2. **Mounting:**
 - Use the integrated mounting bracket to secure the flood light to a wall, ceiling, or ground.
 - Mark the drilling points using the bracket as a template.
 - Drill appropriate holes and insert wall anchors if necessary.
 - Secure the bracket firmly with screws.
3. **Adjust Angle:** Loosen the screws on the sides of the bracket to adjust the lamp body's angle up to 180°. Tighten the screws once the desired angle is achieved.
4. **Power Connection:** Plug the flood light into a standard US power outlet. Ensure the plug is protected from water,

as it is not waterproof.

5. OPERATING INSTRUCTIONS

The T-SUN RGB LED Flood Light is controlled by the included infrared remote control.

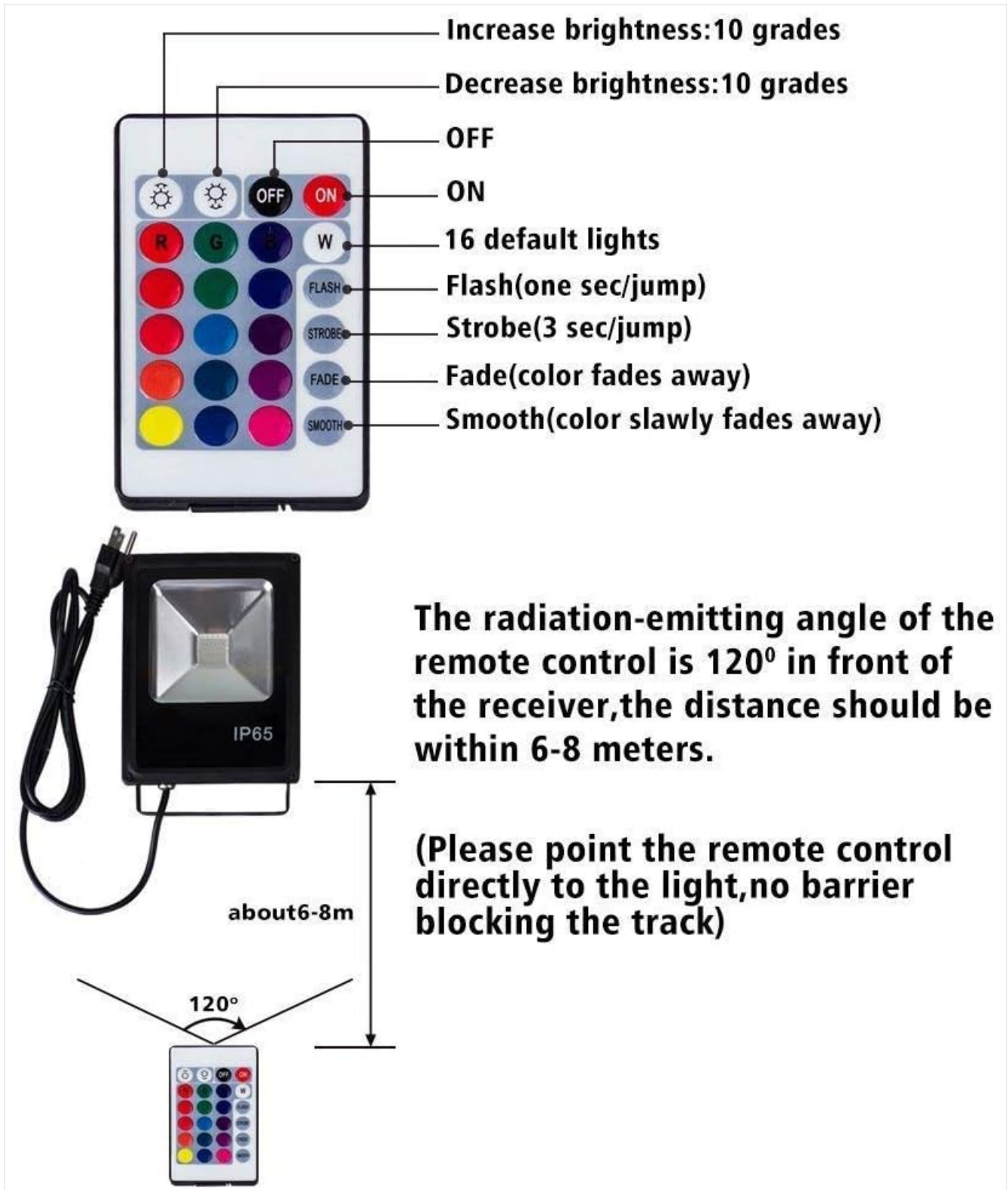


Figure 4: Remote Control Functions and Effective Range.

Remote Control Functions:

- **ON/OFF:** Turns the light on or off.
- **Brightness Adjustment:** Increase or decrease brightness (10 grades).

- **Color Selection:** 16 default static colors (Red, Green, Blue, White, and various shades).
- **Dynamic Modes:**
 - **Flash:** Quick color changes (one second per jump).
 - **Strobe:** Slower color changes (three seconds per jump).
 - **Fade:** Colors fade away smoothly.
 - **Smooth:** Colors slowly fade away.

Important Note: The remote control operates via infrared. For optimal performance, point the remote directly at the light's receiver. The effective radiation-emitting angle is 120° in front of the receiver, and the distance should be within 6-8 meters (approximately 20-26 feet) without any barriers blocking the signal.



Figure 5: Visual representation of the 16 available colors and 4 dynamic modes.

6. MAINTENANCE

- **Cleaning:** To clean the flood light, ensure it is unplugged and cool. Wipe the surface with a soft, damp cloth. Do not use abrasive cleaners or solvents.

- **Water Protection:** While the light fixture is IP65 waterproof, the power plug is not. Ensure the plug connection is always protected from rain, splashes, or immersion in water. Consider using a waterproof outdoor outlet cover if installed outdoors.
- **Inspection:** Periodically inspect the power cord and light fixture for any signs of damage. If any damage is found, discontinue use and contact customer support.
- **Storage:** If storing the lights for an extended period, keep them in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Remote control battery is dead. Light fixture is damaged.	Check if the plug is securely connected to a working outlet. Replace the remote control battery. Contact customer support if the light is damaged.
Remote control not working.	Battery is dead or incorrectly inserted. Obstruction between remote and light. Remote is too far from the light.	Replace battery and ensure correct polarity. Remove any objects blocking the line of sight. Move closer to the light (within 6-8 meters) and point directly at it.
Colors are not changing correctly.	Remote control signal issue. Light malfunction.	Ensure direct line of sight and proper range for the remote. Try unplugging and replugging the light. If issue persists, contact support.

8. SPECIFICATIONS

Feature	Detail
Brand	T-SUN
Model	10W RGB LED Flood Light
Power	10 Watts
Light Source	LED (EPISTAR Chip)
Color Options	16 Static Colors, RGB
Lighting Modes	Flash, Strobe, Fade, Smooth
Beam Angle	120°
Waterproof Rating	IP65 (Light body only, plug is not waterproof)
Material	Aluminum, Glass
Power Line Length	68.8 inches / 1.75 meters
Dimensions (approx.)	3.3 inches (W) x 4.4 inches (H) x 1.3 inches (D) / 85mm (W) x 113mm (H) x 33mm (D)



Figure 6: Product Dimensions and Power Line Length.

9. WARRANTY AND SUPPORT

T-SUN products are manufactured to high-quality standards. For any questions, technical support, or warranty claims, please contact T-SUN customer service through the retailer where the product was purchased or visit the official T-SUN website for contact information.

Please retain your purchase receipt as proof of purchase for warranty purposes.

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.

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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