

[Manuals.plus](#) /

› [T-SUN](#) /

› T-SUN RGB LED Flood Light 100W Instruction Manual

T-SUN TS-F42100

T-SUN RGB LED Flood Light 100W Instruction Manual

Model: TS-F42100

1. INTRODUCTION

The T-SUN RGB LED Flood Light 100W provides a versatile and dynamic lighting solution for both indoor and outdoor environments. Featuring 16 distinct color effects and 4 operational modes, these lights are designed to enhance various settings, from holiday decorations and parties to landscape illumination and architectural accents. This manual provides essential information for the safe and effective use of your flood lights.

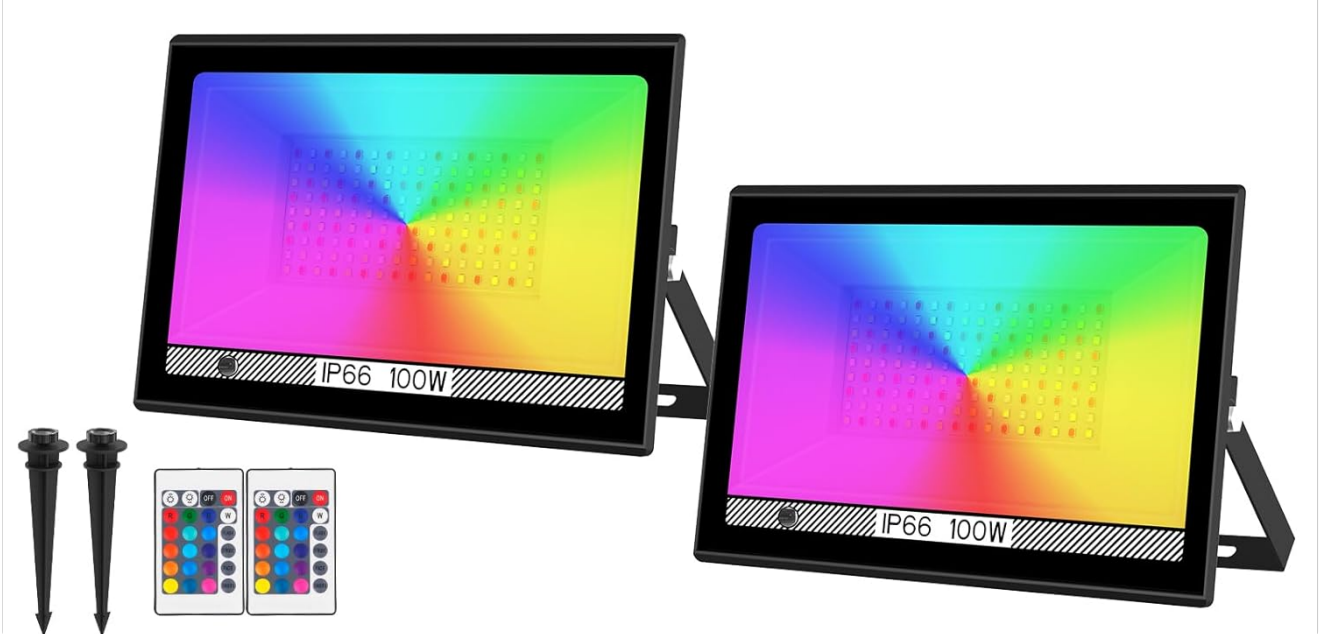


Image 1.1: T-SUN RGB LED Flood Lights and accessories. These lights offer vibrant color options for various applications.

2. WHAT'S IN THE BOX

Please check the package contents upon receipt to ensure all items are present:

- 2 x T-SUN RGB LED Flood Lights (100W)
- 2 x Remote Controls
- 1 x Instruction Manual

3. SPECIFICATIONS

Feature	Specification
Brand	T-SUN
Model Number	TS-F42100

Feature	Specification
Wattage	100 Watts
Brightness	6000 Lumen
Light Source Type	LED
Control Method	Remote Control
Water Resistance Level	IP66 (Water Resistant)
Material	Aluminum, Glass
Product Dimensions	9.56"L x 6.4"W x 1.14"H
Item Weight	2.4 Pounds
Power Source	Corded Electric
Voltage	12 Volts (DC)
Operating Temperature	-20°C ~ 40°C
Lifespan	Approx. 30,000 hours

4. SAFETY INFORMATION

Please read and understand all safety instructions before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Ensure the power supply is disconnected before installation or maintenance. Use appropriate wiring and connections for outdoor use.
- **Installation:** Install the flood light on a stable surface. Do not install in areas with excessive vibration or heat.
- **Water Exposure:** While rated IP66 waterproof, avoid submerging the light in water. Ensure all connections are secure and protected from direct water spray if not specifically designed for it.
- **Temperature:** Operate within the specified temperature range (-20°C to 40°C).
- **Children and Pets:** Keep the product and its remote control out of reach of children and pets.
- **Damage:** Do not operate the light if the cable, plug, or housing is damaged. Contact customer support for assistance.

5. SETUP AND INSTALLATION

The T-SUN RGB LED Flood Light features a widened and thickened adjustable metal bracket for stable and easy installation. You can mount the light on various surfaces by adjusting the bracket to your desired angle.

5.1 Mounting Options

The flood light can be installed in three primary ways:

- **Floor Mounting:** Position the light on the ground and secure the bracket.
- **Wall Mounting:** Attach the bracket to a wall using appropriate screws and anchors (not included).
- **Ceiling Mounting:** Secure the bracket to a ceiling or overhang.

5.2 Installation Steps

1. **Choose Location:** Select a suitable location for your flood light, considering the desired illumination area and proximity to a power source.
2. **Adjust Bracket:** Loosen the screws on the side of the bracket to adjust the light's angle. Tighten the screws once the desired angle is set. The bracket allows for 180° rotation.
3. **Secure Light:** Using appropriate hardware for your mounting surface, securely attach the flood light's bracket.
4. **Connect Power:** Plug the power cord into a suitable electrical outlet. Ensure the outlet is protected for outdoor use if applicable.

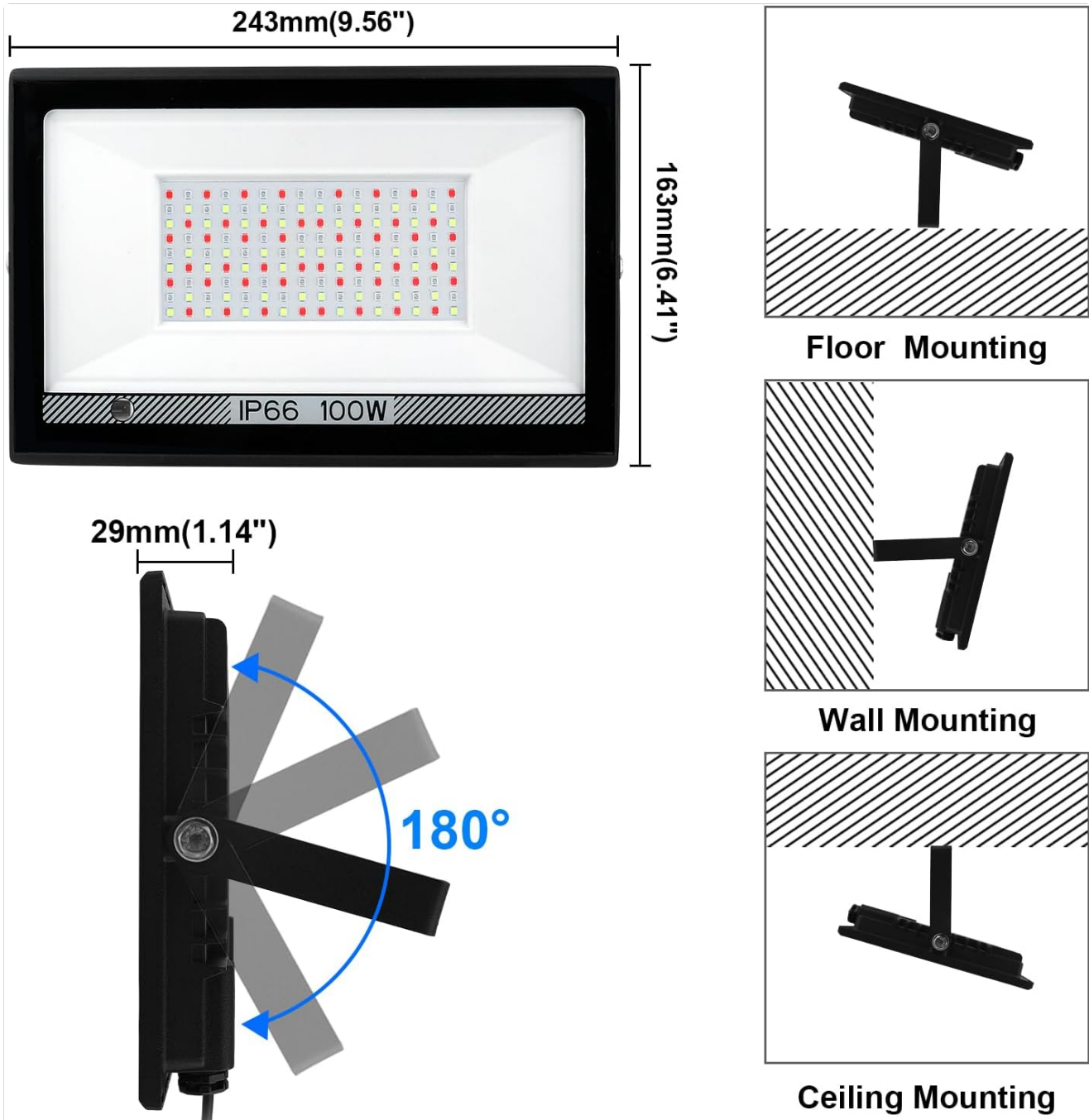


Image 5.1: Product dimensions and versatile mounting options.

6. OPERATING INSTRUCTIONS

The T-SUN RGB LED Flood Light is controlled using the included remote control. Ensure the remote has working batteries (included) and is pointed towards the light for optimal response.

6.1 Remote Control Functions



Image 6.1: Remote control layout and functions. The remote operates within an 8-10 meter range.

- **OFF:** Turns the light off.
- **ON:** Turns the light on.
- **Brightness + / Change Speed +:** Increases brightness (6 levels) or increases the speed of dynamic modes.
- **Brightness - / Change Speed -:** Decreases brightness (6 levels) or decreases the speed of dynamic modes.
- **R, G, B, W:** Selects Red, Green, Blue, or White static colors.
- **Color Buttons (e.g., Orange, Purple, Cyan):** Selects various preset static colors.
- **FLASH:** Activates a fast jump mode cycling through RGB colors.
- **STROBE:** Activates a strobe effect with the current color.
- **FADE:** Activates a slow fade mode cycling through colors.
- **SMOOTH:** Activates a slow gradient mode cycling through RGB colors.

6.2 Memory Function

The flood light is equipped with a memory function. When turned on again via the remote control, it will automatically

resume the last color setting or mode that was active before it was turned off. No need to reset your preferred settings.

7. KEY FEATURES

7.1 RGB Color Effects and Modes

The T-SUN RGB LED Flood Light offers 16 distinct color options and 4 dynamic modes (Flash, Strobe, Fade, Smooth), allowing for diverse lighting effects to suit any occasion or mood.

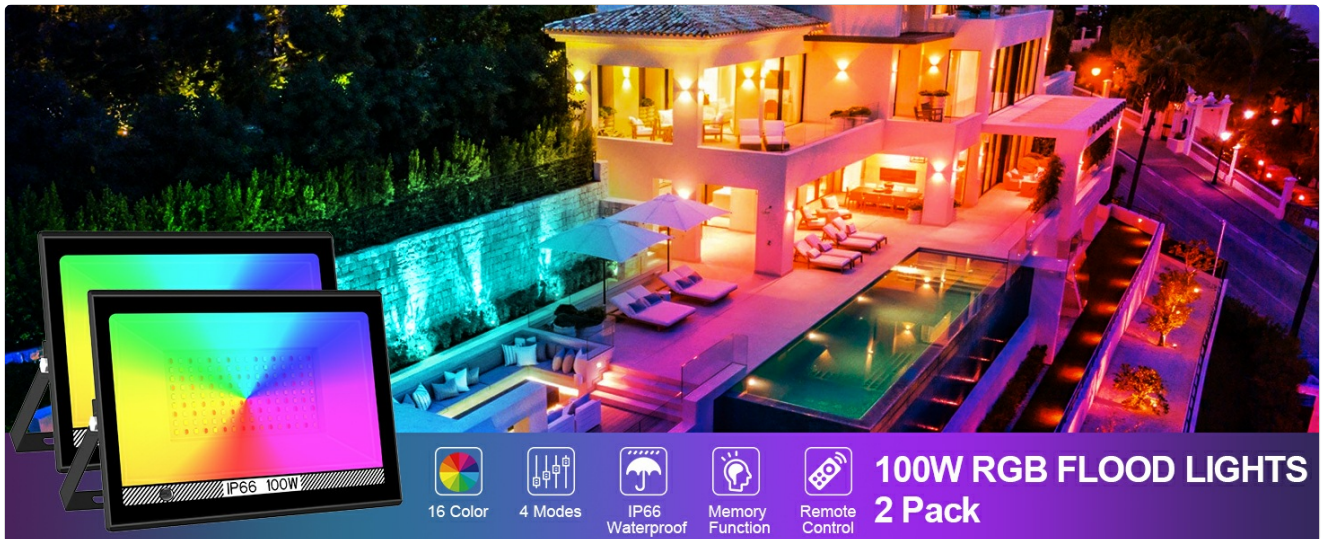


Image 7.1: Example of 16 colors and 4 modes in an outdoor setting.

7.2 IP66 Waterproof Rating

Constructed with a die-cast aluminum housing and tempered glass, this flood light is designed to withstand various weather conditions. Its IP66 rating ensures reliable operation in rain, sleet, and snow, making it suitable for both indoor and outdoor applications.



Image 7.2: The IP66 waterproof design ensures durability in various weather conditions.

7.3 Efficient Heat Dissipation

The flood light incorporates an aluminum radiator for excellent heat dissipation, which is crucial for extending the lifespan of LED components. Additionally, its waterproof drive power with IC drive current protection further reduces the impact of current fluctuations on the lamp body, contributing to a service life of approximately 30,000 hours.

Advanced Heatsink



Image 7.3: Advanced heatsink design for optimal thermal management.

8. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your T-SUN RGB LED Flood Light.

- **Cleaning:** Periodically clean the glass surface and housing with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the light is off and unplugged before cleaning.
- **Inspection:** Regularly inspect the power cord and plug for any signs of damage. Check the mounting bracket for tightness and corrosion.
- **Storage:** If storing the lights for an extended period, ensure they are clean, dry, and stored in a cool, dry place.

9. TROUBLESHOOTING

If you encounter issues with your T-SUN RGB LED Flood Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Loose connection; Faulty outlet	Check power plug and outlet; Ensure connections are secure; Test outlet with another device.
Remote control not working	Remote batteries are dead; Obstruction between remote and light; Remote out of range	Replace remote batteries; Remove obstructions; Operate remote within 8-10 meters of the light.
Colors are incorrect or inconsistent	Internal component issue	Try resetting the light by unplugging and replugging it. If the issue persists, contact customer support.
Light flickers	Unstable power supply; Loose wiring	Ensure stable power source; Check all wiring connections.

If troubleshooting steps do not resolve the issue, please contact T-SUN customer support.

10. WARRANTY AND SUPPORT

The T-SUN RGB LED Flood Light comes with a Limited Warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official T-SUN brand store. For technical support, warranty claims, or any other inquiries, please visit the [T-SUN Brand Store](#) or contact our customer service team.

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

Open the live page

<https://manuals.plus/asin/B0CDBQMLLQ>

More documents and user manuals: <https://manuals.plus/>