

T-SUNUS TS-F2020

T-SUNUS Low Voltage 16-Color Changing Landscape Spotlights Instruction Manual

Model: TS-F2020 | Brand: T-SUNUS

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1. INTRODUCTION

Thank you for choosing the T-SUNUS Low Voltage 16-Color Changing Landscape Spotlights. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new lighting system. Please read it thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

- **Electrical Safety:** The transformer is not waterproof. Ensure it is plugged into an indoor or waterproof outdoor socket. Do not expose the transformer to water.
- **Outdoor Use:** The spotlights are designed for outdoor use and are IP65 waterproof. However, ensure all connections are secure to prevent water ingress.
- **Installation:** Always disconnect power before installing or performing maintenance. Follow all local electrical codes and regulations.
- **Handling:** Do not look directly into the LED light source when illuminated, as it may cause eye strain.
- **Children and Pets:** Keep the product and its components out of reach of children and pets.

3. PACKAGE CONTENTS

Verify that all components are present and in good condition:

- T-SUNUS Low Voltage Landscape Spotlights (Quantity as purchased)
- Transformer
- Metal Stakes
- Remote Control (with batteries)
- User Manual

4. SETUP

4.1. Installation Methods

The spotlights offer versatile installation options:

- **Ground Mount:** Attach the metal stakes to the spotlight base and insert them firmly into the ground.
- **Wall Mount:** Use appropriate screws (not included) to secure the spotlight bracket to a wall or other stable surface.

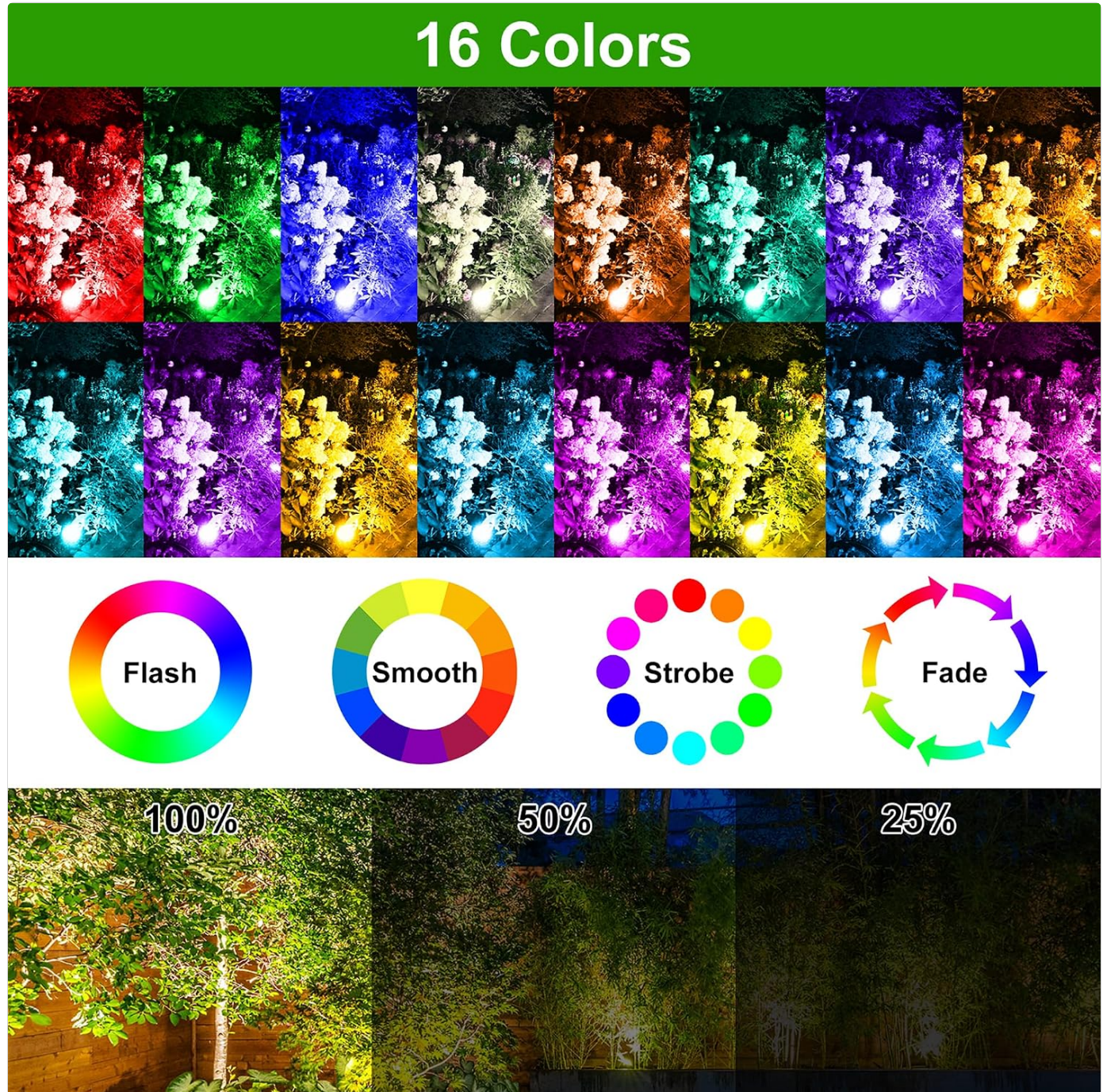


Figure 1: Wall Mounted and Ground Mounted Installation Options

4.2. Connecting the Lights

Connect the spotlights to the main cable, ensuring each connection is secure. The total length of the spotlight system is approximately 40.02ft (12m), with 6.56ft (2m) between each light.

12-24V LOW Voltage Landscape Lighting



Figure 2: System Connection Diagram

4.3. Transformer Placement

The transformer is not waterproof. Plug it into an indoor outlet or a certified waterproof outdoor socket. Protect the transformer from direct exposure to rain or moisture.



Figure 3: Waterproof Rating and Transformer Warning

5. OPERATING INSTRUCTIONS

5.1. Remote Control Functions

Use the provided remote control to manage the spotlights. Ensure the remote has working batteries (included). Point the remote directly at the lights for optimal response.

- **On/Off:** Press the "ON" or "OFF" buttons to power the lights.
- **Color Selection:** Choose from 16 fixed colors using the color buttons.
- **Brightness Adjustment:** Use the brightness up/down buttons to adjust light intensity.
- **Modes:** Select from four dynamic modes:
 - **FLASH:** Rapid color changes.
 - **STROBE:** Flashing effect with single color.
 - **FADE:** Gradual transition between colors.

- **SMOOTH:** Slow, continuous color change.
- **Memory Function:** The lights will remember your last selected color and mode settings when turned off and on again.

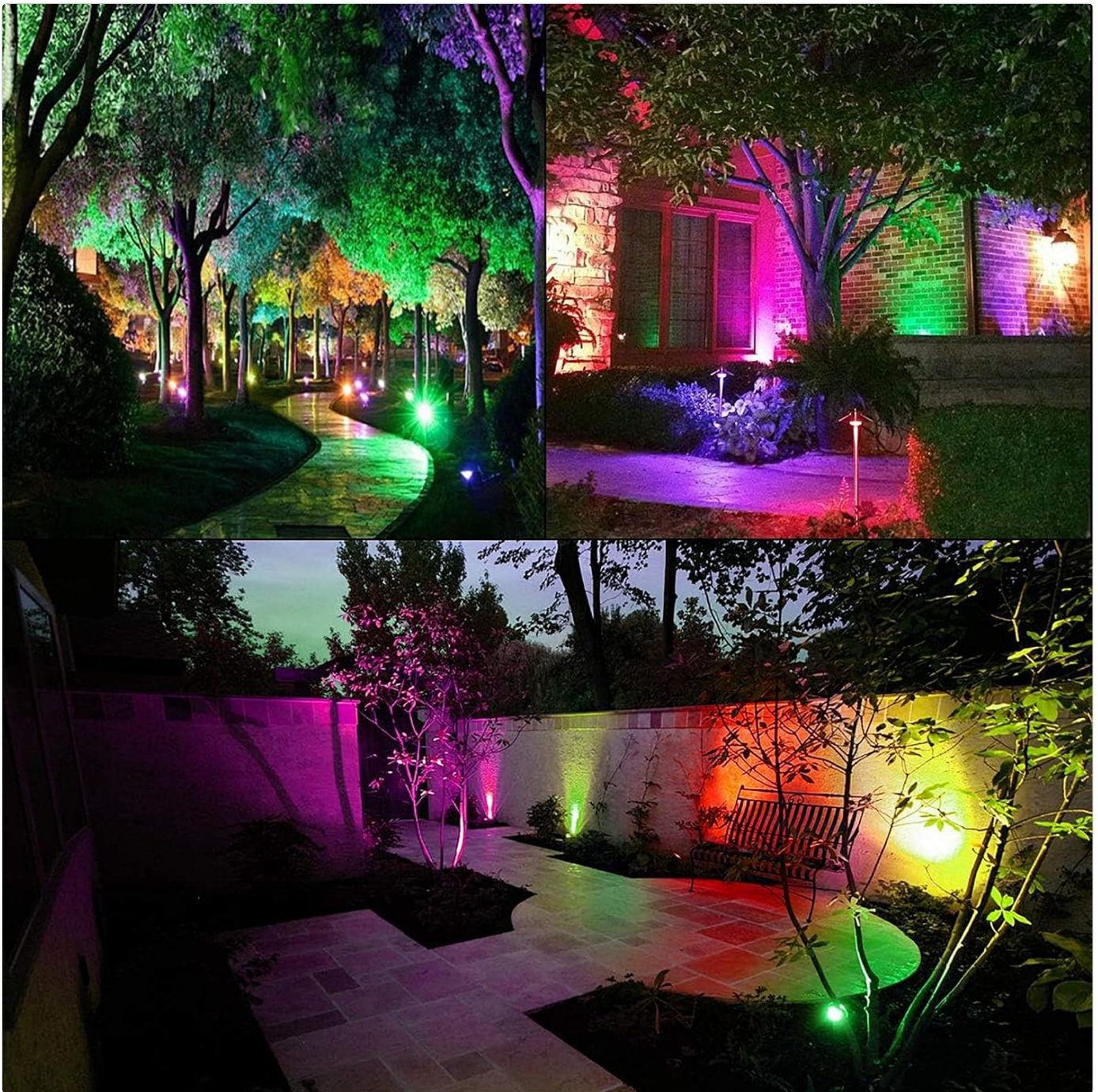


Figure 4: Remote Control Overview and Functions

5.2. Adjusting Spotlight Angle

The LED head can pivot up to 270° vertically, allowing you to direct the light precisely where needed. Loosen the adjustment screw, position the light, and tighten the screw to secure it.

5.3. Visual Examples of Lighting

Your browser does not support the video tag.

Video 1: Demonstration of T-SUNUS Low Voltage RGB Landscape Spotlights illuminating a house with various colors and effects.

Your browser does not support the video tag.

Video 2: Customer feedback video showing T-SUNUS spotlights creating a colorful ambiance around a campfire in a wooded area.

6. MAINTENANCE

- **Cleaning:** Periodically wipe the spotlight lenses with a soft, damp cloth to remove dirt and debris. Do not use harsh chemicals.
- **Connection Check:** Regularly inspect all cable connections for tightness and signs of wear or damage. Ensure the transformer is protected from elements.
- **Winter Care:** While the spotlights are frost-resistant, consider bringing the transformer indoors during extreme cold to prolong its lifespan.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights not turning on.	No power to transformer, loose connection, faulty remote.	Check power outlet. Ensure all cables are securely connected. Replace remote batteries.
Remote not responding.	Low or dead batteries, obstruction, remote too far.	Replace remote batteries. Ensure clear line of sight to lights. Move closer to the lights.
Inconsistent colors or modes.	Interference, individual light issue.	Try resetting the system by unplugging and replugging the transformer. Check individual light connections.

8. SPECIFICATIONS

Feature	Detail
Brand	T-SUNUS
Model Name	TS-F2020
Color	Multicolored (16 colors)
Material	Acrylonitrile Butadiene Styrene
Light Fixture Form	Spotlight
Product Dimensions	1"L x 1"W x 1"H (Individual Spotlight)
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric
Installation Type	Wall Mount, Ground Mount
Special Feature	Color Changing
Control Method	Remote
Light Source Type	LED
Number of Light Sources	6
Voltage	24 Volts
Wattage	20.17 watts

Feature	Detail
Bulb Base	GU10
Water Resistance Level	IP65 Waterproof (Spotlights only)
Brightness	100 lumen
Included Components	Transformer, Metal Stakes

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided by T-SUNUS at the time of purchase or visit the official T-SUNUS website. Keep your purchase receipt as proof of purchase.

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