

## TRAMSMART RL-6P

# TRAMSMART 6 Inch Smart LED Recessed Lights User Manual

Model: RL-6P | Brand: TRAMSMART

## 1. INTRODUCTION

This manual provides essential information for the safe installation, setup, and operation of your TRAMSMART 6 Inch Smart LED Recessed Lights. Please read this manual thoroughly before installation and retain it for future reference.

### 1.1 Safety Information

- Always turn off power at the circuit breaker before installation, removal, or servicing.
- Consult a qualified electrician if you are unsure about the installation process.
- Do not attempt to modify the product in any way.
- Ensure the product is used within its specified voltage and wattage limits.
- Keep away from water and moisture. This product is for indoor use only.



Image 1.1: TRAMSMART 6 Inch Smart LED Recessed Lights, showing the product packaging and individual lights, alongside a smartphone interface for control.

## 2. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged:

- 6 x TRAMSMART 6 Inch Smart LED Recessed Lights
- 1 x User Manual (this document)

## 3. SPECIFICATIONS

Detailed technical specifications for the TRAMSMART Smart LED Recessed Lights:

Feature	Specification
Brand	TRAMSMART
Model Number	RL-6P
Product Dimensions	19.99 x 32.99 x 21.49 cm; 1.22 kg (package)
Light Type	LED

Feature	Specification
Special Feature	Dimmable, RGBCW Color Changing, Smart Control
Wattage	13 Watts (equivalent to 100W halogen)
Lumen Output	1100 LM
Color Temperature	2700K-6500K (adjustable white)
Color Options	16 Million Colors (RGBCW)
Bulb Base	E26
Voltage	120 Volts
CRI	>90
Beam Angle	95°
Connectivity	Wi-Fi & Bluetooth
Compatibility	Alexa, Google Assistant, TUYA APP

## Dimension and Specification

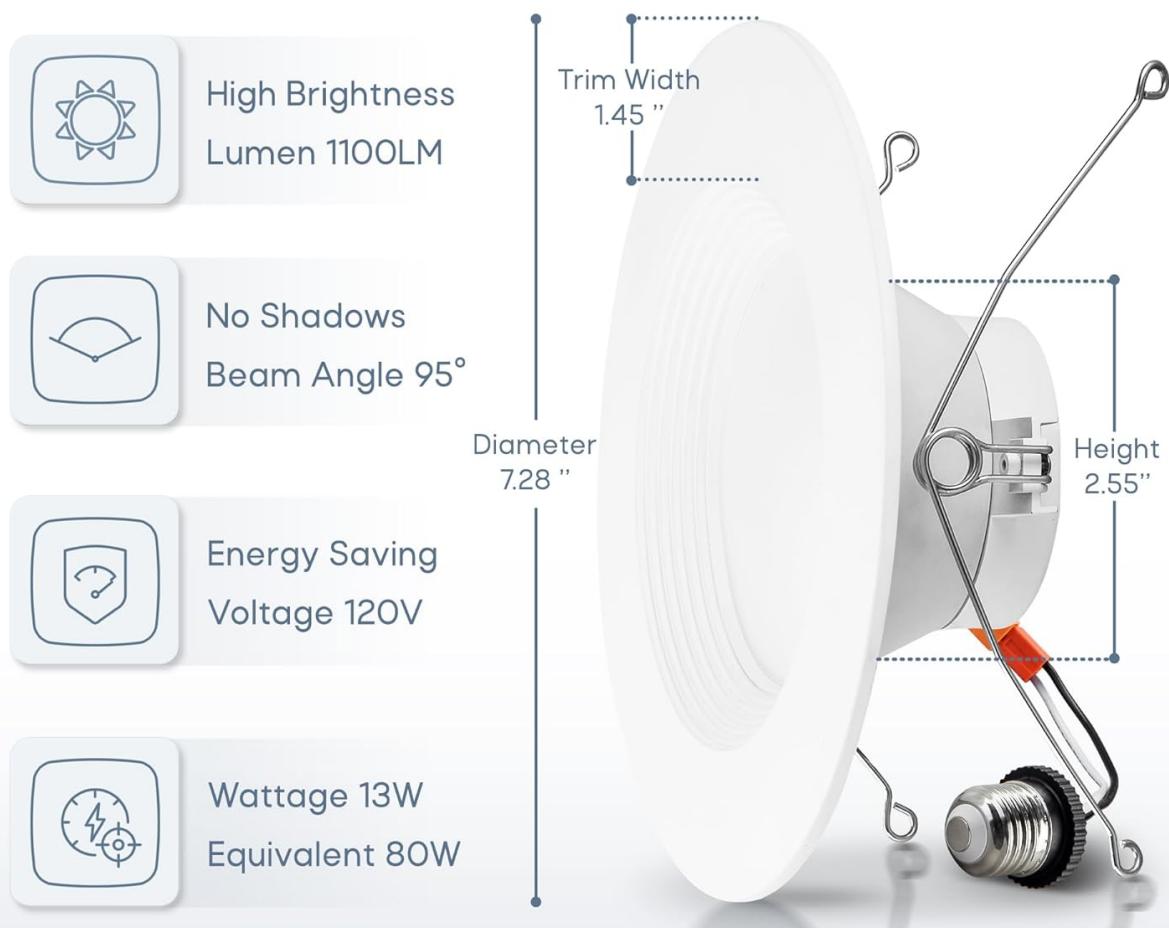


Image 3.1: Detailed dimensions and key specifications of the recessed light unit.

## 4. INSTALLATION

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Follow these steps for proper installation of your TRAMSMART Smart LED Recessed Lights:

1. **Power Off:** Before beginning any electrical work, ensure the power supply to the installation area is turned off at the circuit breaker.
2. **Prepare Opening:** Ensure you have a suitable recessed can or opening in your ceiling that matches the light's diameter (approximately 6 inches).
3. **Connect Base:** Screw the E26 base of the recessed light into the existing socket within the recessed can.
4. **Secure Connector:** Connect any additional wiring connectors as required, ensuring a secure fit.
5. **Insert Light:** Gently push the recessed light into the ceiling opening. Turn the light clockwise to engage the spring clips and snap it securely into place.
6. **Power On:** Once all lights are installed, restore power at the circuit breaker.

To remove the light, turn it counter-clockwise to disengage the clips and carefully pull it down.

## 5. SMART SETUP

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To utilize the smart features of your TRAMSMART LED Recessed Lights, follow these setup instructions:

### 5.1 App Control (TUYA APP)

1. **Download App:** Download the TUYA APP from your smartphone's app store (iOS or Android).
2. **Register/Login:** Open the app and register for a new account or log in if you already have one.
3. **Add Device:** Follow the in-app instructions to add a new device. Ensure your lights are powered on and in pairing mode (often indicated by blinking).
4. **Connect to Wi-Fi:** Select your 2.4GHz Wi-Fi network and enter the password. The lights will connect to your home network.
5. **Group Control:** The TUYA APP allows for group settings, enabling you to control multiple lights simultaneously or create different lighting zones for various rooms.

# Group control Tuya App

group control of lights for different scenes

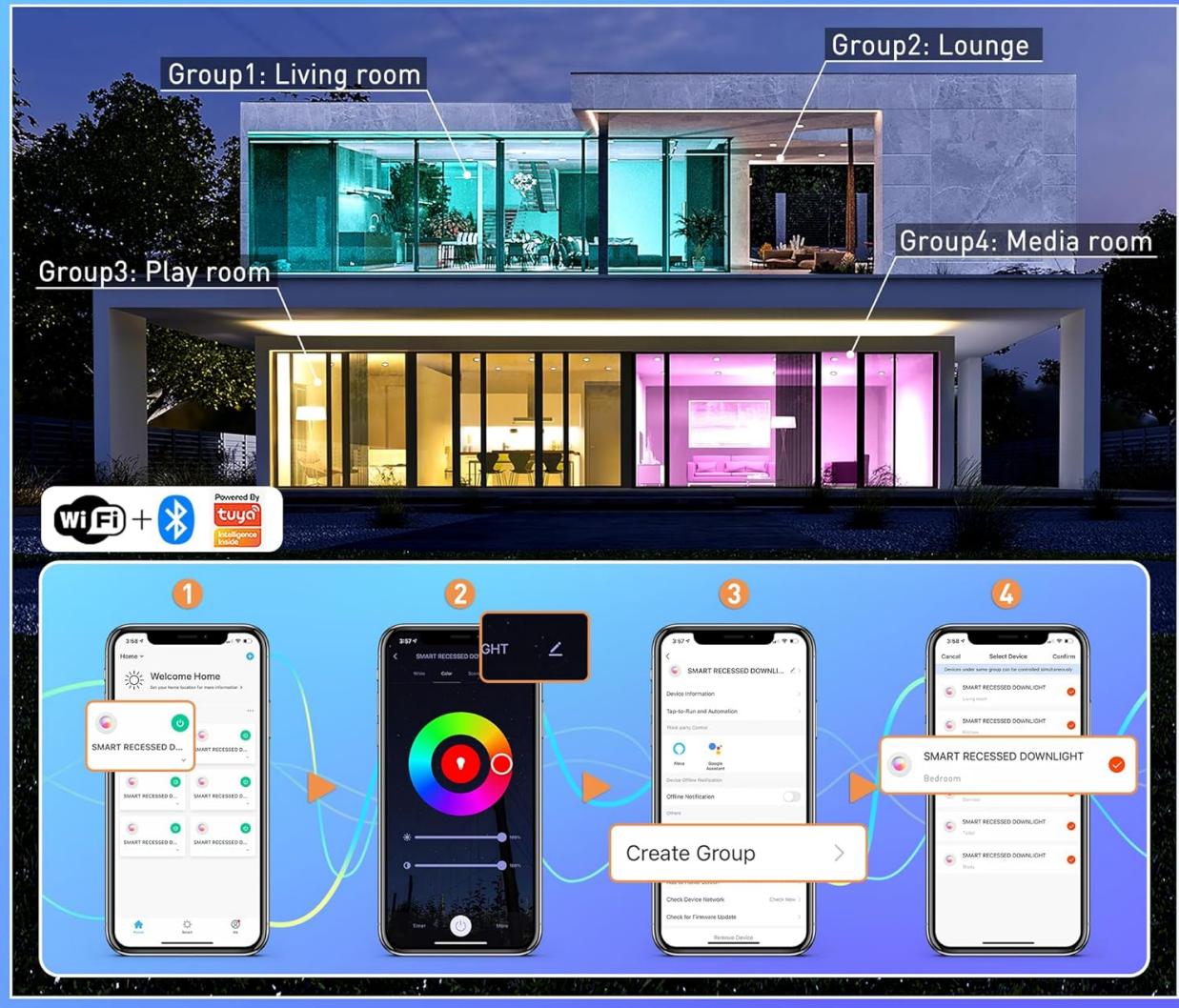


Image 5.1: Illustration of how to use the TUYA APP for group control, demonstrating different lighting scenes in various rooms.

## 5.2 Voice Control (Alexa/Google Assistant)

Once your lights are connected to the TUYA APP, you can integrate them with voice assistants:

1. **Link Account:** In your Alexa or Google Home app, navigate to the 'Skills' or 'Works with Google' section. Search for 'TUYA Smart' or 'Smart Life' (if TUYA is rebranded).
2. **Enable Skill:** Enable the skill and link your TUYA account using your login credentials.
3. **Discover Devices:** Ask your voice assistant to discover new devices (e.g., "Alexa, discover devices" or "Hey Google, sync my devices").
4. **Control Lights:** You can now control your lights using voice commands, such as "Alexa, turn on the living room lights" or "Hey Google, set kitchen lights to blue."

## 6. OPERATING INSTRUCTIONS

Your TRAMSMART Smart LED Recessed Lights offer a range of customizable lighting options:

## 6.1 Color Changing and Dimming

- **Color Selection:** Use the TUYA APP to select from 16 million colors to match your mood or occasion.
- **White Light Adjustment:** Adjust the white light temperature from warm (2700K) to cool (6500K).
- **Brightness Control:** Dim or brighten the lights to your desired intensity using the app or voice commands.

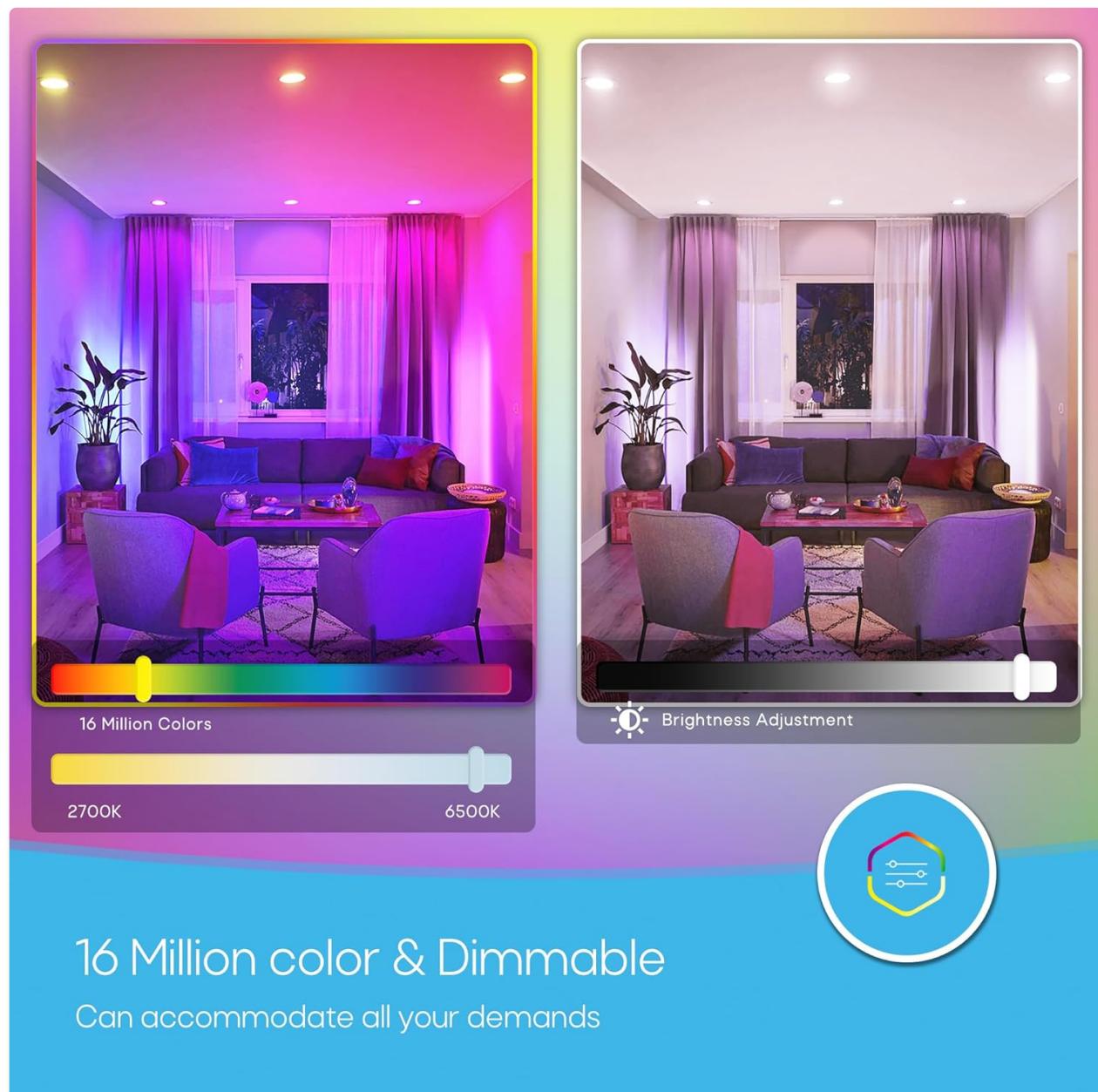


Image 6.1: Demonstration of 16 million color options and brightness adjustment in a living room environment.

# 16 Million color & Dimmable

Can accommodate all your demands



*Image 6.2: Example of adjustable lighting in a kitchen, highlighting the versatility of color and dimming features.*

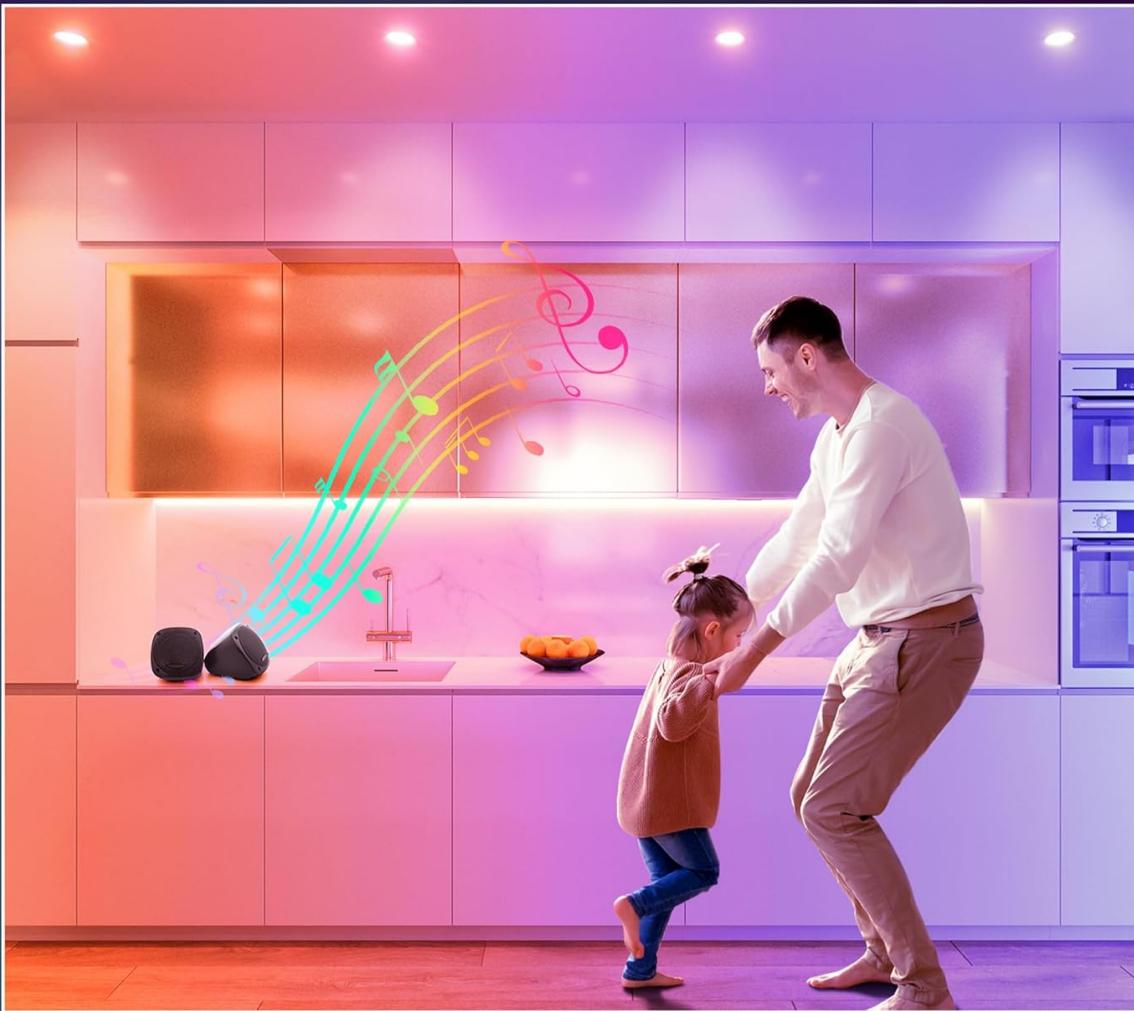
## 6.2 Music Sync

The lights can synchronize with music or other sounds detected by your smartphone's microphone:

- **Activate Music Mode:** In the TUYA APP, select the 'Music Sync' or 'Rhythm' mode.
- **Sound Detection:** The lights will change color and intensity according to the rhythm and beat of the music playing in your environment.

# Music sync

Change the color with the beat of the music & rhythm



*Image 6.3: Lights changing color in rhythm with music, creating an interactive lighting experience.*

## 6.3 Scheduled Timing

Set schedules for your lights to turn on or off automatically at specific times, enhancing convenience and energy efficiency.

## 7. MAINTENANCE

To ensure the longevity and optimal performance of your TRAMSMART Smart LED Recessed Lights, follow these maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth to wipe the surface of the lights. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check for any loose connections or signs of damage. If damage is found, discontinue use and consult a qualified technician.
- **No User-Serviceable Parts:** The LED components are integrated and not user-replaceable. Do not attempt to disassemble the light fixture.

## 8. TROUBLESHOOTING

If you encounter issues with your TRAMSMART Smart LED Recessed Lights, refer to the following common problems and solutions:

- **Light Not Turning On:**

- Check if the power supply is on at the circuit breaker.
- Ensure the light is securely screwed into the socket and all connections are firm.
- Verify that the light is not set to a very low brightness or off in the app.

- **Lights Blinking or Disconnecting from Wi-Fi:**

- Ensure your Wi-Fi network is stable and within range of the lights. Smart lights require a consistent 2.4GHz Wi-Fi signal.
- Check for Wi-Fi interference from other devices.
- Restart your Wi-Fi router and try reconnecting the lights through the TUYA APP.
- If the issue persists, consider resetting the lights to factory settings (refer to app instructions for reset procedure) and re-pairing them.

- **Cannot Connect to App/Voice Assistant:**

- Confirm your smartphone is connected to a 2.4GHz Wi-Fi network during the pairing process.
- Ensure the TUYA APP is updated to the latest version.
- For voice assistants, verify that the TUYA Smart skill is enabled and your accounts are correctly linked.

- **Colors Not Changing/Dimming:**

- Ensure the lights are properly connected to the app and responsive to other commands.
- Check the app settings to confirm the correct color or dimming mode is selected.

## 9. WARRANTY AND SUPPORT

TRAMSMART products are designed for quality and reliability. For specific warranty details, please refer to the warranty card included with your purchase or contact TRAMSMART customer support.

If you require further assistance or have questions not covered in this manual, please contact TRAMSMART customer service through the contact information provided on the product packaging or the official TRAMSMART website.

### Related Documents

User Manual Fairy Lights	<a href="#">Tramsmart Fairy Lights User Manual</a> User manual for Tramsmart Fairy Lights, detailing specifications, IR remote control operation, and Smart Life app setup for smart home integration with Alexa and Google Home.
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 <p>Smart Recessed Downlight Multicolor &amp; Tunable White Model: SDL0505-13</p>	<p><a href="#">Tramsmart Smart Recessed Downlight SDL0505-13 User Guide: Installation, Features, and Smart Home Integration</a></p> <p>Comprehensive user guide for the Tramsmart SDL0505-13 Smart Recessed Downlight. Covers installation, app setup, features like multicolor and tunable white lighting, scheduling, and integration with Google Home and Alexa. Includes safety precautions and technical specifications.</p>
 <p>Smart Bulb C37 Tunable White</p>	<p><a href="#">Tramsmart Smart Bulb C37 Tunable White   Features &amp; Specifications</a></p> <p>Discover the Tramsmart Smart Bulb C37, a tunable white LED bulb offering easy setup, voice control, dimmability, and biorhythm scheduling. Explore features, technical specs, and package details for smart home lighting.</p>
 <p>Smart Strip Light Multicolor &amp; Tunable White 5M</p>	<p><a href="#">Tramsmart Smart Strip Light: Multicolor &amp; Tunable White 5M   Features, Specs, Control</a></p> <p>Explore the Tramsmart Smart Strip Light, a 5M multicolor and tunable white LED strip. Features app control, voice control (Alexa/Google Assistant), Wi-Fi/Bluetooth connectivity, dimming, scheduling, and music sync. Uses 5050 RGB, 2835 White, and 2835 Warm White LEDs for vibrant colors and adjustable white tones. IP65 waterproof. View technical specifications and package contents.</p>