

## Twinkly Strings 400 AWW LEDs

# Twinkly Strings 400 AWW LEDs Smart Multicolor Light String User Manual

Model: Strings 400 AWW LEDs



## 1. PRODUCT OVERVIEW

The Twinkly Strings 400 AWW LEDs are app-controlled smart light strings designed for both indoor and outdoor use. These lights offer a wide range of customizable effects and colors, enhancing any environment. They are compatible with smart home systems like Apple HomeKit, Amazon Alexa, and Google Home, providing convenient control options.

The product features 400 AWW (Amber, Warm White, Cool White) LEDs on a 105ft black wire, allowing for extensive coverage and creative installations. The IP44 certification ensures durability and resistance to outdoor elements.

twinkly™  
GENERATION II

400

GOLD & SILVER

APP CONTROLLED  
AWW LED



strings

Image 1.1: Twinkly Strings 400 AWW LEDs product packaging, showing the 'Gold & Silver' color variant and 'App Controlled AWW LED' features.

# For all seasons



**Weatherproof lights** great for holidays,  
parties, and everyday use.

Image 1.2: Twinkly Strings wrapped around a tree, demonstrating their use as weatherproof outdoor lights suitable for various seasons and occasions.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before installing and operating your Twinkly Strings. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Ensure the power adapter is connected to a suitable power outlet. Do not overload electrical circuits.
- **Indoor/Outdoor Use:** The Twinkly Strings are rated IP44, meaning they are protected against solid objects larger than 1mm and splashing water from any direction. They are suitable for outdoor use but should not be submerged in water.
- **Installation:** Do not install the lights in a way that could damage the wire insulation. Avoid placing lights near heat sources or flammable materials.
- **Maintenance:** Disconnect power before cleaning or performing any maintenance. Do not attempt to repair damaged lights or power adapters; contact customer support.

- **Children and Pets:** Keep the light string and power adapter out of reach of children and pets to prevent entanglement or ingestion hazards.

### 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- Twinkly Strings 400 AWW LEDs Light String (105ft)
- Power Adapter
- Quick Start Guide (if included)

### 4. SETUP

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#### 4.1 Physical Installation

1. Carefully uncoil the Twinkly Strings light string.
2. Position the lights in your desired location, ensuring the power adapter can reach a suitable outlet.
3. Secure the lights using appropriate fasteners if necessary, avoiding damage to the wire.

#### 4.2 Power Connection

1. Connect the light string to the power adapter.
2. Plug the power adapter into a wall outlet. The lights should illuminate with a default pattern.

#### 4.3 App Download and Initial Pairing

The Twinkly app is required for full control and customization of your lights.

1. Download the Twinkly app from the Apple App Store (for iOS) or Google Play Store (for Android).
2. Open the Twinkly app and create an account or log in.
3. Follow the in-app instructions to add a new device. The app will guide you through connecting your Twinkly Strings via Bluetooth and then to your Wi-Fi network.



# Group for bigger scenes



Image 4.1: An illustration highlighting the easy installation, remote control, music synchronization (with Twinkly Music), and smart home compatibility of Twinkly lights.

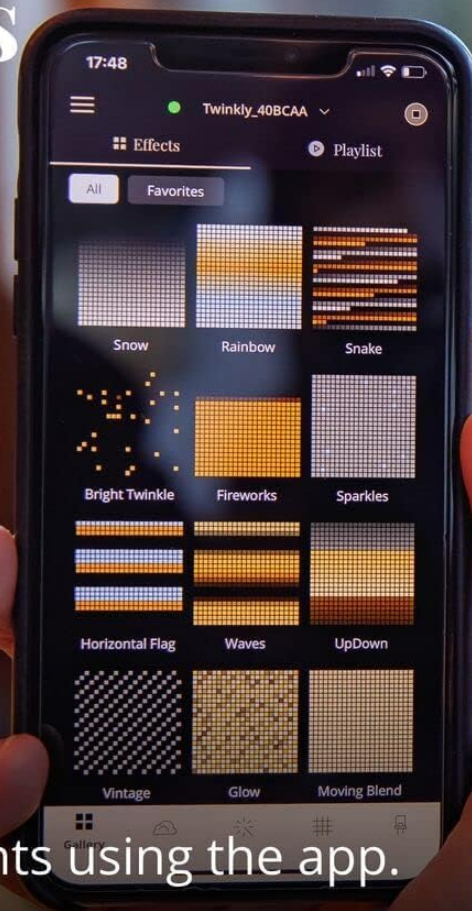
## 5. OPERATING INSTRUCTIONS - APP CONTROL & FEATURES

The Twinkly app provides comprehensive control over your light strings.

### 5.1 Basic Functions

- **On/Off:** Use the power button within the app to turn your lights on or off.
- **Pre-set Effects:** Browse and apply various pre-designed lighting effects from the app's gallery.
- **Color Selection:** Adjust the color of your lights using the color picker. The AWW LEDs allow for a range of amber, warm white, and cool white tones.

# App-controlled Lights



**Control** lights using the app.



Image 5.1: A smartphone displaying the Twinkly app interface, showing a selection of pre-set lighting effects like 'Snow', 'Rainbow', 'Sparkles', and 'Waves'.

## 5.2 Mapping Your Lights

The mapping feature allows the app to understand the physical layout of your lights, enabling pixel-perfect effects.

1. In the Twinkly app, navigate to the mapping section.
2. Follow the on-screen instructions to map your lights using your smartphone's camera. This process identifies the position of each LED.
3. Once mapped, effects will be displayed accurately across your light installation.

# Enter the world of smart lighting



easy to  
install



control lights  
remotely



syncs with  
music\*

\*Can be paired with Twinkly Music (sold separately) to sync light effects to music



works with Alexa  
and Hey Google

Image 5.2: A smartphone displaying the Twinkly app's 'Start Mapping' screen, showing how to map lights for a customized effect layout.

## 5.3 Creating Custom Effects

The Twinkly app allows you to design and save your own unique lighting effects.

- Access the effect creation tools within the app.
- Utilize various parameters such as color, speed, and animation patterns to build custom effects.
- Save your creations for future use.



# Create your own effects



Browse, play, edit,  
and create effects.

Image 5.3: A smartphone displaying the Twinkly app, illustrating the ability to browse, play, edit, and create custom lighting effects.

## 5.4 Grouping Multiple Devices

For larger installations, you can virtually combine multiple Twinkly devices to synchronize effects across them.

- In the app, select the option to group devices.
- Choose the Twinkly Strings you wish to combine.
- Once grouped, effects will flow seamlessly between the connected devices.



# Map your lights



**Place** your lights **randomly**, **map** them, and get a pixel-perfect layout to play effects on.

Image 5.4: A dining room scene with multiple Twinkly devices (Device 1, Device 2, Device 3) grouped together to create a unified lighting display.

## 5.5 Smart Home Integration

Twinkly Strings are compatible with popular smart home platforms:

- **Amazon Alexa:** Enable the Twinkly skill in the Alexa app and link your Twinkly account.
- **Google Home:** Link your Twinkly account through the Google Home app.
- **Apple HomeKit:** Follow the instructions in the Twinkly app to add your device to HomeKit.

Once integrated, you can control your lights using voice commands.

## 5.6 Music Synchronization

Twinkly Strings can synchronize with music for dynamic light shows. This feature requires the Twinkly Music device, which is sold separately.



Image 5.5: A person sitting outdoors, using a smartphone to control Twinkly lights, demonstrating the convenience of app-based management.

## 6. MAINTENANCE

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### 6.1 Cleaning

- Ensure the lights are unplugged before cleaning.
- Wipe the lights and wires with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.

### 6.2 Storage

- When not in use, carefully coil the light string to prevent tangling.
- Store the lights and power adapter in a cool, dry place, away from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

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If you encounter issues with your Twinkly Strings, refer to the following common solutions:

- **Lights Not Turning On:**
  - Check if the power adapter is securely plugged into both the light string and the wall outlet.
  - Ensure the power outlet is functional.
  - Verify the lights are turned on within the Twinkly app.
- **Connectivity Issues (Bluetooth/Wi-Fi):**
  - Ensure your smartphone's Bluetooth is enabled.
  - Confirm your Wi-Fi network is active and within range.
  - Try restarting the Twinkly app and your light string (unplug and replug).

- If issues persist, try resetting the Twinkly device (refer to the Twinkly app or online support for specific reset procedures).
- **Effects Not Displaying Correctly:**
  - Re-run the light mapping process in the Twinkly app to ensure accurate LED detection.
  - Ensure the app is updated to the latest version.

For further assistance, consult the Twinkly app's help section or visit the official Twinkly support website.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	Strings 400 AWW LEDs
Brand	Twinkly
Light Source Type	LED
LED Count	400
Light Color	AWW (Amber, Warm White, Cool White)
Wire Color	Black
Length	105 ft
Indoor/Outdoor Usage	Indoor/Outdoor (IP44 Rated)
Power Source	Corded Electric
Connectivity	Bluetooth, Wi-Fi
Smart Home Compatibility	HomeKit, Amazon Alexa, Google Home




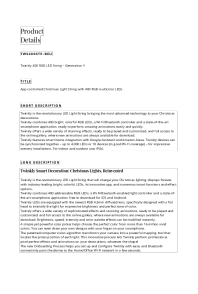


## 9. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the documentation included with your purchase or visit the official Twinkly website. Twinkly provides customer support for product inquiries, technical assistance, and troubleshooting.

**Twinkly Support:** Please visit [www.twinkly.com/support](http://www.twinkly.com/support) for the latest support resources and contact information.





	<p><a href="#">Twinkly Generation II Strings: Setup, Usage, and Safety Guide</a></p> <p>Comprehensive guide for Twinkly Generation II strings, covering physical setup, app connection, usage instructions, safety precautions, and technical specifications. Includes multilingual setup steps and safety information.</p>
	<p><a href="#">Twinkly Strings USB-C: Smart LED Lighting Setup and User Guide</a></p> <p>Get started with your Twinkly Strings USB-C smart LED lights. This comprehensive guide covers physical setup, app onboarding, Wi-Fi connection, controller functions, app features, and essential safety information.</p>
	<p><a href="#">Twinkly Strings Generation II: Smart LED Lights User Guide</a></p> <p>Discover the Twinkly Strings Generation II, smart app-controlled LED lights for creating dynamic and personalized indoor and outdoor lighting decorations. This guide provides setup, usage, and safety information.</p>
	<p><a href="#">Twinkly TWS400STP-BEU: Smart RGB LED Christmas String Lights - Generation II</a></p> <p>Discover the Twinkly TWS400STP-BEU, a Generation II smart RGB LED string light for Christmas and year-round decoration. Features app control, Wi-Fi/Bluetooth, 400 LEDs, smart home integration, and customizable effects.</p>
	<p><a href="#">Lumations Twinkly Generation II Smart LED Light Strings - User Manual &amp; Setup Guide</a></p> <p>Comprehensive guide for Lumations Twinkly Generation II smart LED light strings, covering safety, setup, connection, app integration, effects, and troubleshooting for models C7, C9, C12, and G35.</p>
	<p><a href="#">Twinkly Strings User Manual and Setup Guide</a></p> <p>This document provides a comprehensive user manual and setup guide for Twinkly Strings smart LED lights. It covers safety instructions, physical setup, controller status, app download and setup, choosing effects, mapping features, advanced functionalities, troubleshooting, and device rescan procedures. Includes information for indoor and outdoor use.</p>