Product Details

TWC400STP-BEU

Twinkly 400 RGB LED Cluster – Generation II

TITLE

App-controlled Christmas Light Cluster with 400 RGB multicolor LEDs

SHORT DESCRIPTION

Twinkly is the revolutionary LED Light Cluster bringing the most advanced technology to your Christmas decorations.
Twinkly combines 400 bright, colorful RGB LEDs, a Wi-Fi/Bluetooth controller and a state-of-the-art smartphone application, ready to perform amazing animations easily and quickly.
Twinkly offers a wide variety of stunning effects, ready to be played and customized, and full access to the online gallery, where new animations are always available for download.
Twinkly features smart home integration with Google Assistant and Amazon Alexa. Twinkly devices can be synchronized together – up to 4,000 LEDs or 10 devices (in good Wi-Fi coverage) – for impressive scenery installations. For indoor and outdoor use, IP44.

LONG DESCRIPTION

Twinkly Smart Decoration: Christmas Lights, Reinvented

Twinkly is the revolutionary LED Light Cluster that will change your Christmas lighting displays forever, with industry-leading bright, colorful LEDs, its innovative app, and numerous smart functions and effect options.
Twinkly combines 400 addressable RGB LEDs, a Wi-Fi/Bluetooth-enabled light controller and a state-of-the-art smartphone application, free to download for iOS and Android.
Twinkly LEDs are equipped with the newest RGB 4.3mm diffused lens, specifically designed with a flat head to intensify the light for impressive brightness and perfect tone of color.
Twinkly offers a wide variety of sophisticated effects and stunning animations, ready to be played and customized, and full access to the online gallery, where new animations are always available for download. Brightness, speed, intensity and color palette effects can be modified instantly.
A simple yet powerful color picker helps choose the perfect color from more than 16 million vivid colors. You can even draw your own designs with your finger on your smartphone.
The patented computer vision algorithm transforms your camera into a powerful mapping tool that locates the prices position of each light. This innovative process lets Twinkly perform professional, pixel-perfect effects and animations on your decorations, whatever the shape!
The new Onboarding Process helps you set-up and configure Twinkly with ease, and Bluetooth connectivity pairs the device to the Home/Office Wi-Fi network in a few seconds.

Twinkly devices can be synchronized together in groups – up to 4,000 LEDs or 10 devices (in good Wi-Fi coverage) – for impressive scenery installations.
A handy ON/OFF timer and general brightness dimmer gives you complete control of your decorations. These features, enhanced stability and multi-effect carousel features all make this the smartest Twinkly ever!

Twinkly can be used in several modes:

- **DIRECT** – push the button on the controller to select preset effects;

- **CONNECT TO A SMARTPHONE** – use the Twinkly app to perform amazing animations easily and quickly;

- **CONNECT TO LOCAL WI-FI** – access all Twinkly advanced features, like creating device groups, setting up voice assistants, downloading new effects from the online gallery, and more.

  Twinkly is IP44-certified, suitable for indoor and outdoor use.

HIGHLIGHTS

- App-controlled lights
- Free iOS and Android app
- Wi-Fi and Bluetooth connectivity
- Dozens of ready-to-play effects and animations
- 16 million colors, super-bright LEDs
- Computer Vision Mapping Tool
- Online Gallery access for free effects to download
- Draw and customize your own effects
- Music option available only with Twinkly Music Dongle
- Works with Google Assistant and Amazon Alexa
- Smart controller, plug and power cable included
- Indoor/Outdoor use – IP44
- On / Off / Timer function

NEW RGB LED LIGHTS

Twinkly has the newest RGB 4.3mm diffused lens LEDs, specifically designed with a flat head to intensify light effects for impressive brightness and perfect tone of color.

GENERATION II CONTROLLER

The brand-new Twinkly controller is more powerful than ever. It features a dual-core chip for super-fast processing, huge memory space for great animations, Wi-Fi and Bluetooth connectivity, RGB status indicator, and can power up to 400 LEDs.

EASY SETUP

The Onboarding Process helps you set-up and configure Twinkly with ease, and Bluetooth connectivity pairs the device to the Home/Office Wi-Fi network in a few seconds.

SMART HOME INTEGRATION

Twinkly is a real internet-of-things device, fully integrated with the most home automation standards. Voice controls can be sent with Google Assistant and Amazon Alexa, allowing you to turn ON/OFF, change brightness and color of the decorations, without lifting a finger.

MUSIC OPTION

Music option available only with Twinkly Music Dongle.

GROUPS

Multiple Twinkly devices can be synchronized in groups – up to 4,000 LEDs or 10 devices (in good Wi-Fi coverage) – for impressive scenery installations. No physical connection is needed, the whole process is managed via the app and relies on the Wi-Fi network.

SMARTPHONE CAMERA MAPPING

Twinkly Computer Vision maps tell the app the exact position of each LED bulb, letting you wrap any shape you want and apply amazing effects with pixel-perfect precision.

MOBILE APP FEATURES

The mobile app for iOS and Android devices is designed to let you fully manage your lights. You can select, customize, create and apply effects, apply timer, dim lights, and switch your strings ON and OFF.

YEAR-ROUND USE

Twinkly LED Strings are not just for Christmas decorations, they are perfect for year-round use, from the creepiest Halloween to fantastic parties and celebrations, like birthdays or wedding parties! Twinkly is also perfect for bedroom, dorm room, and other lifestyle light décor, expressing all of your creativity.

SPECIFICATIONS

Product SKU	TWC400STP-BEU
Bulb type	Addressable LED
Bulb color	RGB – Red, Green, Blue (+16 million colors)
# of Bulbs	400
Bulb diameter	4.3mm / 0.17 in
Bulb finish	Diffused flat lens
Cable color	Black
Length with Lights	6m / 236.22 in
Lead length	2.5m / 98.425 in
Distance between each LED	1.5cm / 0.6 in
Plug supplied	F
IP rating	IP44-certified Indoor and Outdoor use
Controller	Generation II
Connectivity	Bluetooth and Wi-Fi
Music sync	Yes, only with Twinkly Music Dongle
Voice Control	Amazon Alexa and Google Assistant ON/OFF – PLAYLIST CHANGE – EFFECTS – SET BRIGHTNESS
Grouping	Yes, with other RGB Twinkly products (up to 4,000 LEDs or 10 devices – in good Wi-Fi coverage)
Timer	Yes
Remote Power ON/OFF	Yes
Lights Dimmer	Yes
Custom Playlist Effects	Yes
Custom Effects Carousel	Yes
Adapter input voltage	120V (US)	240V (EU/UK) - max 50/60Hz
Adapter output voltage	24 V (1.5A)
Lifespan	Over 30,000 hours
Replaceable bulbs	No