



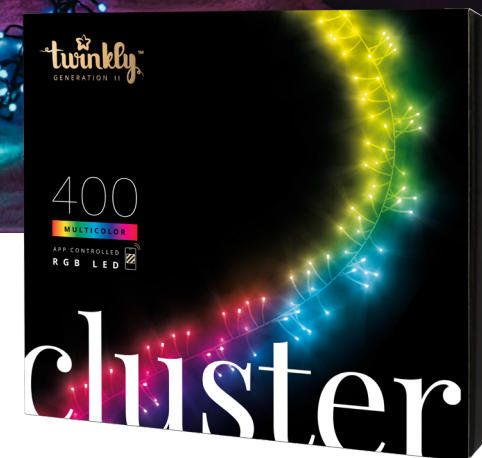
# cluster

TWC400STP-BEU

**Twinkly Cluster – 400 RGB Cluster Lights String, 6 m, 16 Million Colors – Generation II**

Twinkly Cluster – App-controlled LED Cluster Lights String with 400 RGB (16 million colors) LEDs. 6 meters. Black wire. Indoor and outdoor smart lighting decoration.

Twinkly Cluster is a smart LED lights cluster string that can be controlled via app and vocal assistants. With a lighted length of 6 meters, consisting of 400 RGB 4.3 mm diffused flat lens LED, specifically designed with a flat head to reach impressive brightness levels and perfect tone of color, Twinkly Cluster goes beyond the traditional decorative Christmas lighting with a Bluetooth® and Wi-Fi controller and a state-of-the-art smartphone application, bringing new levels of lighting design and creativity in and out of your connected home all-year-round. Like all Twinkly products, Cluster can be mapped and every single LED can be controlled individually, allowing you to create and reproduce unique effects, gradients, and color animations – Cluster becomes your screen. Easily configurable via Wi-Fi and Bluetooth®, Twinkly Cluster is controlled using the free Twinkly App, available for iOS and Android. Twinkly's App enables you to create bespoke light design installations thanks to a wide range of pre-made effects and animations, as well as the ability to create your own effects from scratch using the FX Wizard creation tool. Twinkly Cluster can be grouped together with other Twinkly AWW devices to create larger, synchronized light installations. Twinkly Cluster can be controlled seamlessly with vocal assistants such as Hey Google and Amazon Alexa, as well as with Apple HomeKit, Homey, and Razer Chroma™ RGB via Twinkly Chroma Connector and OMEN Light Studio on OMEN Gaming Hub to enhance your gaming experience with stunning light effects that react to your gameplay. Suitable for indoor and outdoor use, rated IP44.



## Highlights

- Multicolor RGB LEDs – 16 million colors
- App-controlled 400 LED cluster lights string
- Twinkly App free for iOS and Android on mobile and tablet
- Instant Wi-Fi and Bluetooth® connection
- Dozens of ready-to-play customizable effects, or create your own
- Can be grouped with other Twinkly RGB devices
- Works with Twinkly Music to react to the music played in your environment
- Works with Hey Google and Amazon Alexa
- Works with Apple HomeKit
- Supports Homey
- Integrates with Razer Chroma™ RGB via Twinkly Chroma Connector
- Integrates with OMEN Light Studio on OMEN Gaming Hub
- Smart controller, power adapter with plug (type F) included
- Indoor and outdoor use – IP 44

## Features

**APP-CONTROLLED LIGHTS.** Use the free Twinkly app (for iOS and Android) to fully manage Twinkly Cluster. Choose, create and design effects, apply a timer, and switch your lights on and off.

**EASY SETUP.** Using Bluetooth and Wi-Fi you can quickly set up your Twinkly Cluster and start playing with it in seconds.

**FOLLOWS THE MUSIC BEAT.** Using the optional Twinkly Music USB microphone, Twinkly Cluster can reproduce effects in sync with any music played in your environment.

**STUNNING SCENERY INSTALLATIONS.** Unleash your creativity grouping multiple Twinkly devices together using the Twinkly app, with no physical connection required.

**YEAR-ROUND USE.** Twinkly Cluster is not just for Christmas decorations, they are perfect for year-round use, from the creepiest Halloween to fantastic parties and celebrations, like birthdays and weddings! Cluster will fit within any environment of your connected home, expressing all of your imagination.

**OTHER FEATURES.** Smart controller, power adapter with plug type F (Europe) included. Fully-featured control panel with dimmer, timer and brightness. Works with Hey Google and Amazon Alexa. Works with Apple HomeKit. Compatible with Homey. Integrates with Razer Chroma™ RGB and OMEN Light Studio..

## Long description

Twinkly Cluster is a smart LED lights cluster string that can be controlled via app and vocal assistants. With a lighted length of 6 meters, consisting of 400 RGB 4.3 mm diffused flat lens LED, specifically designed with a flat head to reach impressive brightness levels and perfect tone of color, Twinkly Cluster goes beyond the traditional decorative Christmas lighting with a Bluetooth® and Wi-Fi controller and a state-of-the-art smartphone application, bringing new levels of lighting design and creativity in and out of your connected home all-year-round.

Like all Twinkly products, every single LED of Cluster can be controlled individually, allowing you to create and reproduce unique effects, gradients, and color animations.

Twinkly's patented mapping tool uses your smartphone camera to locate the precise position of each LED in the space, however they are laid out. This powerful and innovative process lets you control your Cluster like a screen: you can play professional, pixel-perfect effects and animations right on your decoration.

Twinkly's App enables you to create bespoke light design installations thanks to a wide range of pre-made effects and animations, as well as the ability to create your own effects from scratch using the FX Wizard creation tool. All effects are completely customizable: brightness, speed, intensity, and color can all be modified with a single tap. A color picker helps you choose the perfect shade from more than 16 million options. An ON/OFF timer and general dimmer complete your control panel, providing you with unlimited possibilities to create the perfect lighting decoration. Cluster can be grouped together with other Twinkly devices to create larger, synchronized light installations.

Twinkly Cluster can be used in combination with Twinkly Music, a small USB device (sold separately) capable of identifying and interpreting any source of music reproduced in your environment, enabling your lights to follow the beat for a WOW-effect audiovisual experience.

Twinkly Cluster can be controlled seamlessly with vocal assistants such as Hey Google and Amazon Alexa, as well as with Apple HomeKit, Homey, and Razer Chroma™ RGB via Twinkly Chroma Connector and OMEN Light Studio on OMEN Gaming Hub to enhance your gaming experience with stunning light effects that react to your gameplay.

Getting started with your Cluster is super easy: a quick and intuitive setup process helps you configure your device in a matter of seconds via Bluetooth® and Wi-Fi.

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

## General

Product SKU	TWC400STP-BEU
EAN	8056326672799
Year's model	2020

## Light string

LED type	Addressable LED
LED color	16M+ colors
Number of lamps	400
Lamp type	Diffused flat lens
Lamp diameter	4.3 mm   0.17 in
Wire color	Black
Lighted length	6 m   19.7 ft
Distance between lamps	1.5 cm   0.6 in
Replaceable lamps	No
Extendibility	No
Net weight	1.35 kg   3 lbs

## Controller

Controller	Generation II
Connectivity	Bluetooth® and Wi-Fi
Controller dimensions	12.5 * 3.8 * 2.3 cm   5 * 1.5 * 0.9 in
Cable color	Black
Lead cable length	2.5 m   8.2 ft
Power cable length	1 m   3.3 ft

## Technical

Adapter input voltage	110-240V – 50/60HZ
Adapter output voltage	36W (24V 1.5A)
Plug supplied	Type F
Lifespan	Over 30,000 hours
IP rating	IP 44, Indoor and outdoor use

## Features

App controlled	Twinkly App (iOS and Android) for mobile/tablet
Grouping	Yes, with other Twinkly RGB lights (up to 10 devices under good Wi-Fi coverage)
Timer	Yes
Dimmer	Yes
Remote power ON/OFF	Yes
Custom Playlist Effects	Yes
Music Sync	Yes, only with Twinkly Music USB microphone
Voice Control	Google Assistant   Amazon Alexa   Apple HomeKit
Integrations	Compatible with Homey   Integrates with Razer Chroma™ RGB   Integrates with OMEN Light Studio on OMEN Gaming Hub



LEDWORKS S.R.L.

Via Tortona, 37 – 20144 Milano – Italy

[www.twinkly.com](http://www.twinkly.com)

Rev. 20220202\_2.0

Specifications are subject to change without notice.