Lumations L8400010NC01 Smart LED Light Strings Instructions

Lumations®

twinkly™

GENERATION 11

Smart LED Light Strings
Wrapped Dome Straight Lights
INSTRUCTIONS GUIDE
FOR INDOOR AND OUTDOOR USE

Warning

READ AND KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

Contents

IMPORTANT SAFETY INSTRUCTIONS

When using electrical products, basic precautions should always be followed including the following:
READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

1. Do not use seasonal products outdoors unless marked suitable for indoor and outdoor use. When used outdoors, this product must be connected to a Ground Fault Circuit Interrupting (GFCI) outlet. If one is not provided, contact a qualified electrician for proper installation.
2. This seasonal use product is not intended for permanent installation or use.
3. Do not mount or place near gas or electric heaters, fireplace, candles, or other similar sources of heat.
4. Do not secure the wiring of the product with staples or nails, or place it on sharp hooks or nails.
5. Do not let lamps rest on the supply cord or on any wires.
6. Disconnect the product from the power source when leaving the house, when retiring for the night, or if left unattended.
7. This is an electric product – not a toy! To avoid the risk of fire, burns, personal injury, and electric shock, KEEP PRODUCT OUT OF REACH OF SMALL CHILDREN!
8. Do not use this product for anything other than its intended use.
9. Do not hang ornaments or other objects from the cord, wire, or light string.
10. Do not close doors or windows on the product or extension cords as this may damage the wire insulation.
11. Do not cover the product with cloth, paper, or any materials not part of the product when in use.
12. The supply cord, adapter, plugs, and/or connectors can not be replaced or modified. If either is damaged, the product should be scrapped.
13. Strobe lights have been known to trigger seizures in people with photosensitive epilepsy.
14. Read and follow all instructions that are provided with the product.

SAVE THESE INSTRUCTIONS.

WARNING: This product may potentially trigger seizures for people with photosensitive epilepsy when using the motion effect light modes.

CAUTION

1. I o reduce the risk of fire or electric shock:
   • Do not install on trees with needles, leaves, or branches covering any metal materials;
   • Do not mount or support cords or cables in a manner that can cut or damage wire insulation;
   • Do not attempt to replace lamps or modify string;
   • Use only the adapter provided with this product,
   • This product does not contain lamp shunts.
2. Make sure connectors are fully inserted and secured. Twist all connector rings until hand tight.
3. Some Twinkly light sets (models dependable) allow multiple strings setup. To avoid the risk of fire or personal injury, do NOT exceed the maximum wattage capacity of the adapter. Refer to the "Maximum Light Strings can be Connected" column in the Technical Specifications table for more details.
4. When not in use, store the product in a cool, dry place away from sunlight.
5. When the product is placed on a live tree, the tree should be well maintained and fresh. Do not place on live trees in which the needles are brown or break off easily. Keep the tree holder filled with water.
6. If the product is placed on a tree, the tree should be well-secured and stable.
7. Before using or reusing, inspect the product carefully. Discard any products that have cut, damaged, or frayed wire insulation or cords, cracks in the lamp holders or enclosures, loose connections, or exposed copper wire.
8. When storing the product, carefully remove the product from wherever it is placed, including trees, branches, or bushes, to avoid any undue strain or stress on the product conductors, connections, and wires.

Information Decoration lighting, not suitable for household illumination. The crossed-out wheeled bin symbol indicates that the item should be disposed of separately from household waste. The item should be handed in for recycling in accordance with local environmental regulations for waste disposal.

Caution Warning
This is a class B product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures! Do not connect the chain to the supply while it is in the packing. Do not connect parts of this light chain to those of another manufacturer. NON-REPLACEABLE BULB. Built-in LED light source. The connecting cable cannot be repaired or replaced. If the cable is damaged, the entire fitting must be discarded. Danger! Strangulation hazard. Hang out of reach of young children.

Technical Specifications

Description	Light Counts	LED Color	AC Adapter	Rated Wattage of Light String (Amps)	Total Wattage of Light String and Adapter	Maximum Wattage Capacity of Adapter	Maximum Light Strings can be Connected (Same model)
			USA/Canada version Version USA/Canada Input: 120 V –/ 60 Hz, 0.45 A Output: DC 24 V, 1.08 A	5.3 W (220 mA)	8.5 W	26 W (1.08 A)	3
	50	RGB					

		EU / UK / Australia version Version: 220-240 V -/50-60 Hz, Max: 0.15 A SEC: DC 24 V Maxi A, Max24 W	5.3 W (220 mA)	6.5 W	24 W (1 A)	3
100	RGB	USA / Canada version Version USA / Canada Input: 120 V – / 60 Hz, 0.45 A Output: DC 24 V, 1.08 A	8.9 W (370 mA)	13 W	26 W (1.08 A)	2
		EU / UK / Australia version Version: 220-240 V – / 50-60 Hz, Max: 0.15 A SEC: DC 24 V Max1 A, Max24 W	8.9 W (370 mA)	11.2 W	24 W (1 A)	2
150	RGB	USA / Canada version Version USA / Canada Input: 120 V – / 60 Hz, 0.45 A Output: DC 24 V, 1.08 A	12.5 W (520 mA)	17.4 W	26 W (1.08 A)	N/A
250	RGB	EU/UK/Australia version Version: 220-240 V – / 50-60 Hz, Max: 0.15 A SEC: DC 24 V Maxi A, Max24 W	12.5 W (520 mA)	15.2 W	24 W (1 A)	N/A
		USA / Canada version Version USA / Canada Input: 120 V – / 60 Hz, 0.45 A Output: DC 24 V, 1.08 A	19.9 W (830 mA)	27.3 W	26 W (1.08 A)	N/A
400	RGB	EU/UK/Australia version Version: 220-240 V -/50-60 Hz, Max: 0.15 A SEC: DC 24 V Maxi A, Max24 W	19.9 W (830 mA)	26.7 W	24 W (1 A)	N/A
		USA / Canada version Version USA / Canada Input: 120 V – / 60 Hz, 0.83 A Output: DC 24 V, 2 A	31.7 W (1320 mA)	38.9 W	48 W (2 A)	N/A

|							
Wrapped Dome Straight Lights	600	RGB	EU/UK/Australia version Version: 220-240 V – / 50-60 Hz, Max: 0.378 A SEC: DC 24 V 2.063 A, Max 49.5W	31.7 W (1320 mA) '	38.3 W	49.5 W (2.063 A)	N/A
			USA/Canada version Version USA/Canada Input: 120 V – / 60 Hz, 0.83 A Output: DC 24 V, 2 A	29.3 W (1220 mA)	35.5 W	48 W (2 A)	N/A
	50	RGBW	EU/UK/Australia version Version: 220-240 V -/50-60 Hz, Max: 0.378 A SEC: DC 24 V 2.063 A, Max 49.5W	29.3 W (1220 mA)	34.2 W	49.5 W (2.063 A)	N/A
			USA/Canada version Version USA/Canada Input: 120 V – / 60 Hz, 0.45 A Output / Sortie: DC 24 V, 1.08 A	4.4 W (185 mA)	7.4 W	26 W (1.08 A)	4
	100		EU / UK / Australia version Version: 220-240 V – / 50-60 Hz, Max: 0.15 A SEC: DC 24 V Maxi A, Max24 W	4.4 W (185 mA)	5.4 W	24 W (1 A)	4
		RGBW	USA / Canada version Version USA / Canada Input: 120 V -/60 Hz, 0.45 A Output: DC 24 V, 1.08 A	7.7 W (320 mA)	11.7 W	26 W (1.08 A)	2
	1 50		EU/UK/Australia version Version: 220-240 V – / 50-60 Hz, Max: 0.15 A SEC: DC 24 V Max1 A, Max24 W	7.7 W (320 mA)	9.6 W	24 W (1 A)	2
		RGBW	USA/Canada version Version USA / Canada Input: 120 V –/ 60 Hz, 0.45A Output: DC 24 V, 1.08 A	10.6 W (440 mA)	15.5 W	26 W (1.08 A)	N/A

|						
250	RGBW	USA/Canada version Version USA / Canada Input: 120 V – / 60 Hz, 0.45 A Output: DC 24 V, 1.08 A	17.2 W (715 mA)	23.9 W	26 W (1.08 A)	N/A
		EU / UK / Australia version Versio: 220-240 V – / 50-60 Hz, Max: 0.15 A SEC: DC 24 V Maxi A, Max24 W	17.2 W (715 mA)	21.1 W	24 W (1 A)	N/A
400	RGBW	USA/Canada version Version USA/Canada Input: 120 V -/60 Hz, 0.83 A Output: DC 24 V, 2 A	25.6 W (1065 mA)	31.7 W	48 W(2 A)	N/A
		EU/UK/Australia version Version: 220-240 V – / 50-60 Hz, Max: 0.378 A SEC: DC 24 V 2.063 A, Max 49.5 W	25.6 W (1065 mA)	30.3 W	49.5 W (2.063 A)	N/A

MODEL No.: see label

single string setup
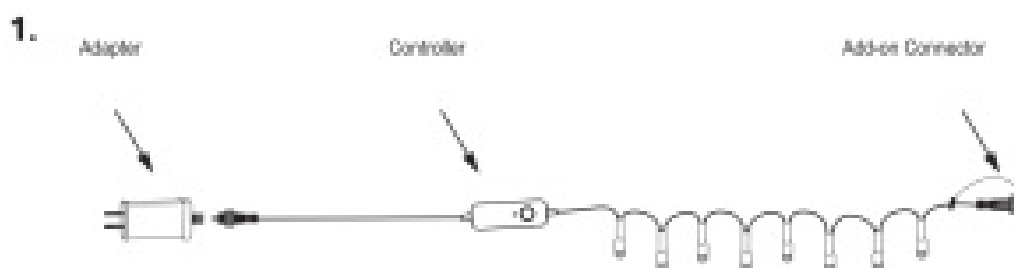
* Product outlook varies by model. Add-on Connector is only available in specific models.
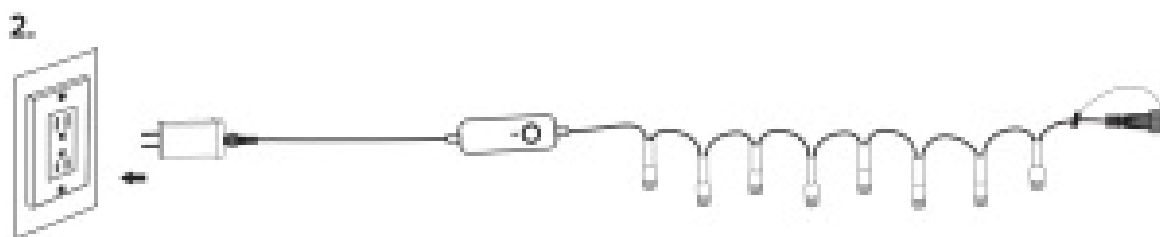
1. Connect the Twinkly light string to the power adapter.
2. Plug the power adapter into a power socket and the lights will switch on.

multiple strings setup

1.
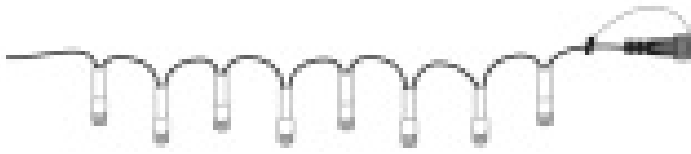
2.
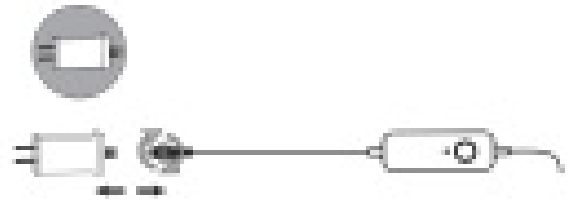
* Images for reference only

3.

Open the Lid
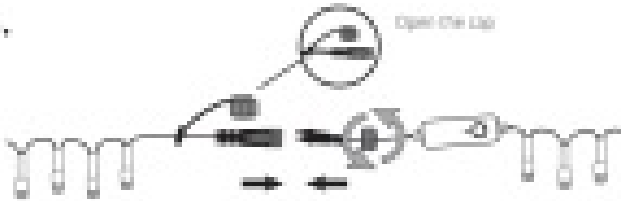
4.
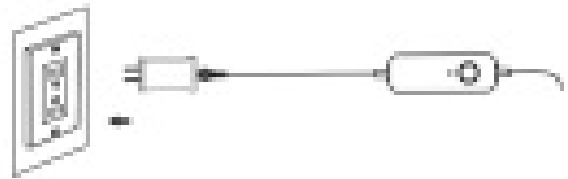
1. Refer to the "Maximum Light Strings can be Connected" column in the Technical Specifications table to confirm if your light set model allows multiple strings setup. Do not attempt multiple light strings setup if N/A is marked. Make sure the total rated wattage of all connected products does not exceed the maximum wattage capacity of a single product.
2. Remove the adapter (and the extension cord as you need) of the first string and save it for future use.
3. Plug the add-on connector of the second string to the controller connector of the first string.
4. Decorate your desired spot and plug it in.

controller

BUTTON

LED INDICATOR
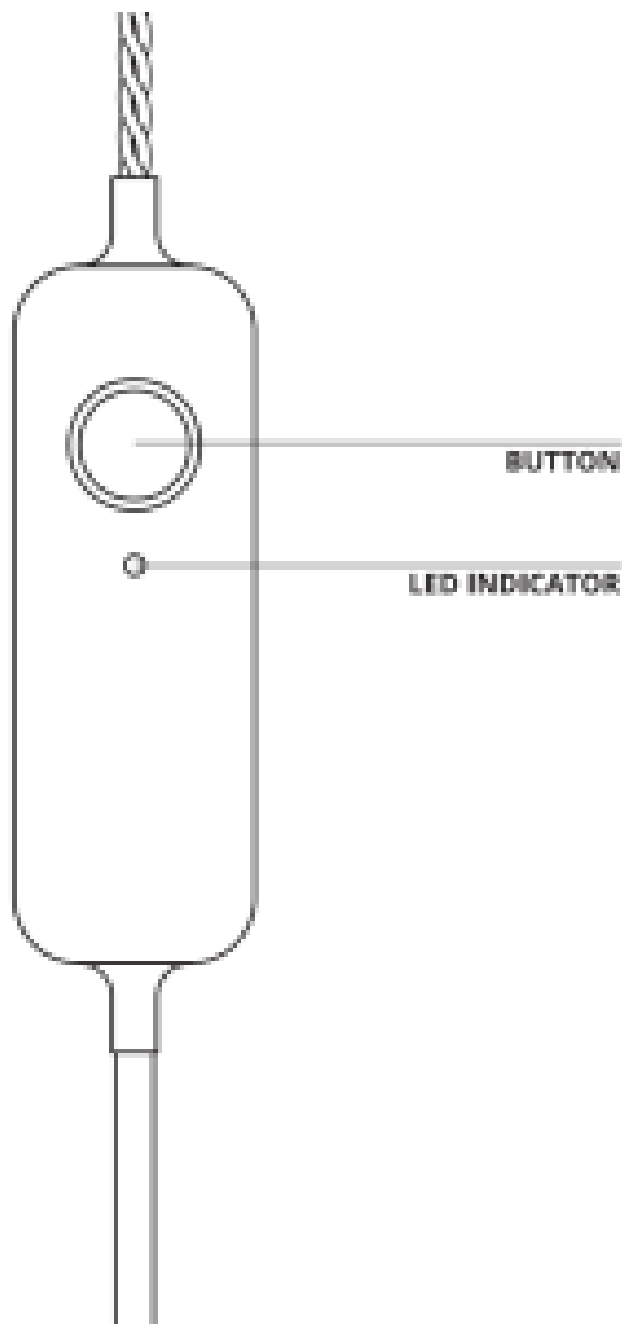
- CONTINUOUS GREEN: Direct Wi-Fi mode, connected
- FLASHING GREEN: Direct Wi-Fi mode, no device connected
- CONTINUOUS BLUE: Home Wi-Fi network mode, connected
- FLASHING BLUE: Home Wi-Fi network mode, connection in progress
- FLASHING RED: Home Wi-Fi network mode, unable to connect

- LIGHT BLUE: SETUP MODE (Bluetooth ON)
- YELLOW: Firmware Update in progress
- CONTINUOUS RED: General error

- FLASHING WHITE: Reset procedure in progress

preset effects

RAINBOW   SNOW   UPDOWN   FIREWORKS   GLOW
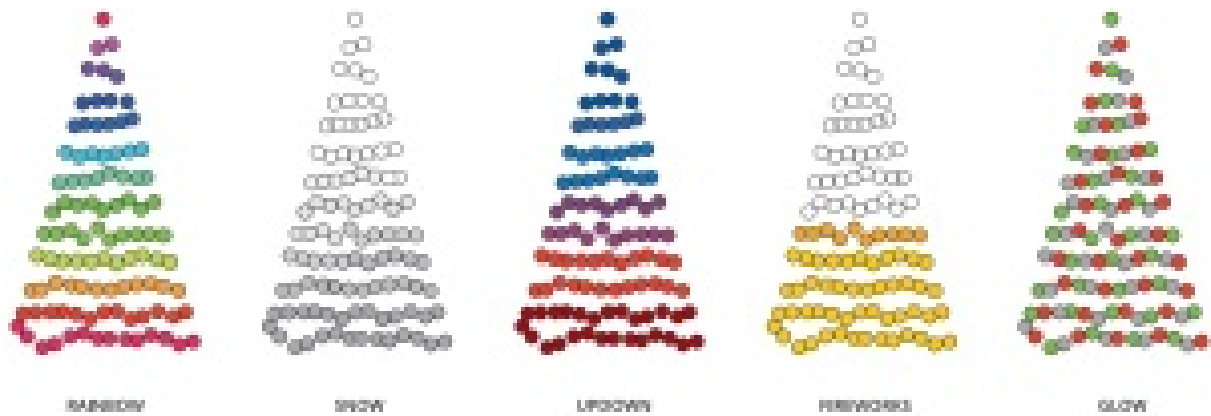
Light arrangements vary by models

Twinkly comes with 5 preset effects that may be used without downloading the app. Simply plug in the light string to a power outlet, then press the button on the controller to switch between the 5 preset effects.

app download & setup twinkly

1. Go to App Store/Google Play Store (or scan QR code).

http://twinkly.com/qr/0016.php

2. Download and install the Twinkly app.

3. Launch Twinkly app.

4. Select GENERATION II controller for your lights. Follow the setup process on the app.
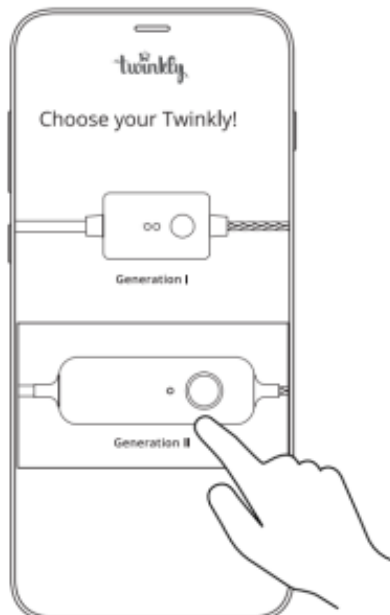
Note: All app illustrations in this document are a mere representation of the functionality and may vary from the actual app visuals.

connection modes
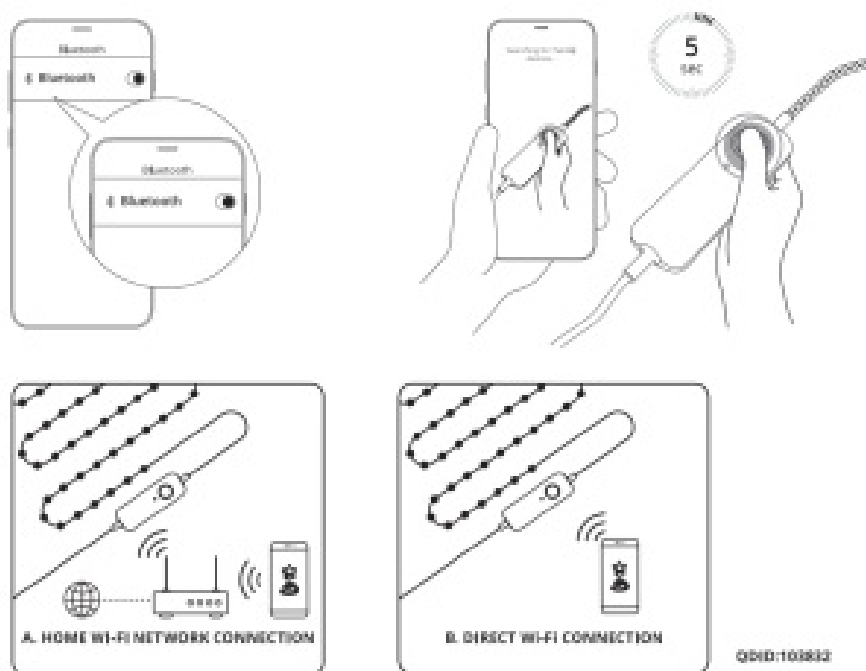
Twinkly uses Bluetooth for the setup process only. Wi-Fi connection is required for operation. You can use:

A. Home Wi-Fi network connection (recommended):
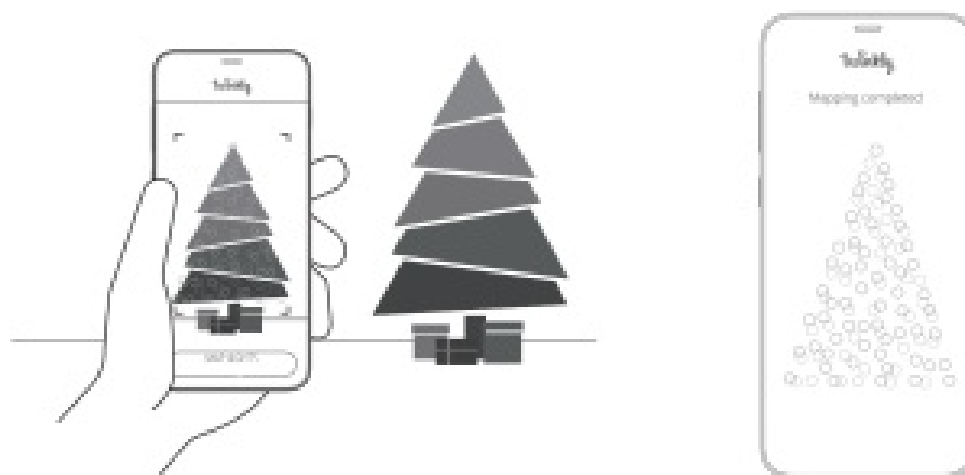Connect with your home/office WiFi from the list of available networks.
B. Direct Wi-Fi connection:
Select `Twinkly_xxxxxx" WiFi from the list of available networks.
Password: **Twinkly2019**
(**NOTE:** the internet on your phone will not be available in this case)
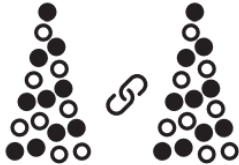
mapping

Map the layout of your decoration to unlock the full potential of your Twinkly lights like advanced effects, drawing, and many upcoming features.

mapping tips
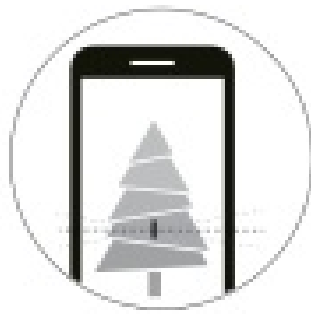
Note: For best results, avoid reflective surfaces behind the tree, keep the mobile camera steady during the process and ensure a moderate ambient light (not too dark).

online manual

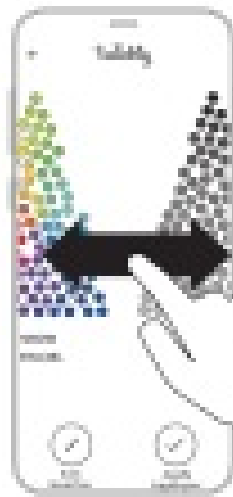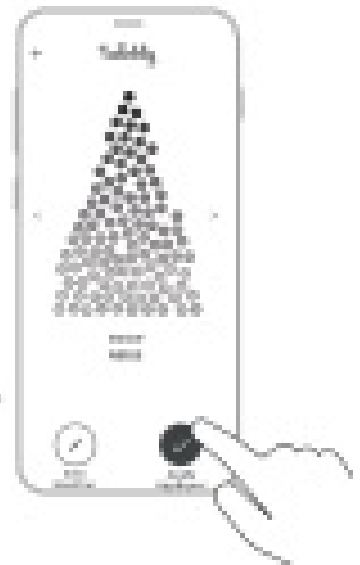|		
	Browse, play and edit effects	 **Gallery**
	Create new effects	
	Group multiple devices together	
	Download new effects	

choose preset effects

1. Open the Effects Gallery.

2. Select the desired effect to see the real-time preview on your Twinkly set-up.

3. Swipe left or right to browse effect.

4. Tap "Apply" to store the effect and play continuously.

Note: App user interface may change due to technical updates and improvements.

troubleshooting

Q THE LIGHTS DO NOT SWITCH ON

- Check that the power adapter is plugged in and that the controller is correctly connected to the device
- Check that the LED status indicator on the controller is lit
- Briefly press the button on the controller
- If this doesn't work, unplug the power adapter, wait 30 seconds, and plugin again

Q THE LED INDICATOR IS LIGHT BLUE, BUT MY SMARTPHONE CANNOT FIND TWINKLY

- Unplug the power adapter, wait 30 seconds, plug it in again, and repeat the Configuration procedure
- If this does not work, try to Reset (see Reset procedure below)

Q THE LIGHTS TURNED ON BUT LIGHT EFFECTS ARE FROZEN.

- Briefly press the button on the controller
- If this does not work, unplug the power adapter, wait 30 seconds and plug it in again

**If you need any assistance, email us at warranty@polygroup.com**

Q TWINKLY SETUP WAS SUCCESSFUL BUT THE LIGHTS DON'T RESPOND TO COMMANDS

- Within the Twinkly application, open "Devices" and check that the Twinkly device is selected
- If this does not work, stop the Twinkly application and launch it again
- If this does not work, try to Reset (see Reset procedure below)
- If this does not work, delete the Twinkly application from your smartphone, then download the latest version from AppStore or Google Play Store

Q HOW CAN I CONNECT TWINKLY WITHOUT A HOME WI-FI NETWORK?

- Open Wi-Fi settings on your smartphone
- Find and select "Twinkly_XXXXXX" network
- Enter the Wi-Fi password " **Twinkly2019** " and ensure that the 'Twinkly_ XXXXXX" network is connected

reset twinkly
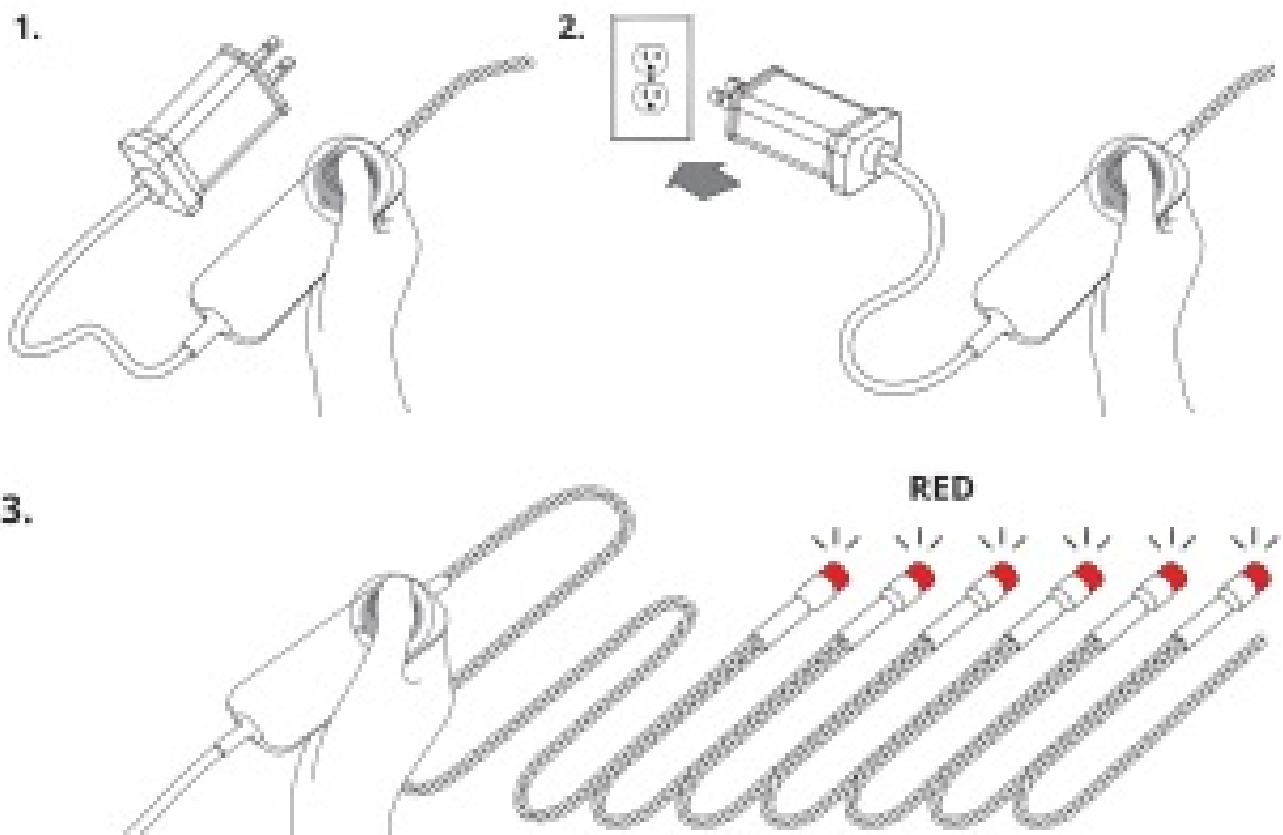
1. Unplug Twinkly from the power socket. Press and hold the controller button.
2. While holding the button, plug in Twinkly.
3. Keep holding the button until all LEDs turn red, then release the button.

Polygroup®

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To know more about your twinkly and its other cool features, please visit:

Documents / Resources

	Lumations L8400010NC01 Smart LED Light Strings [pdf] Instructions L8400010NC01, Smart LED Light Strings, L8400010NC01 Smart LED Light Strings, Light Strings