Flexible LED Wall Washer Series

2527 (360° bendable)
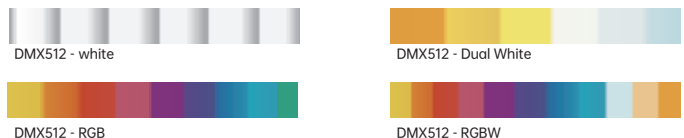

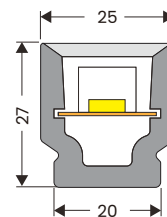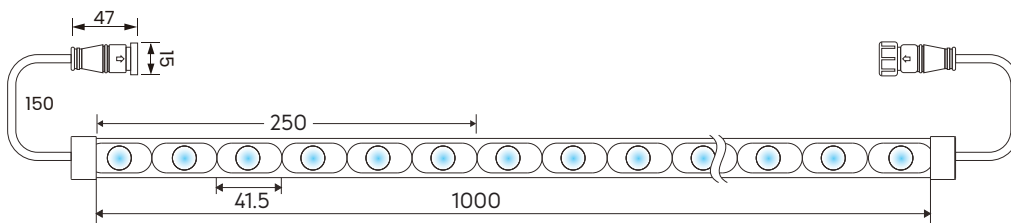cULus E53354 | DC24V | 1 BIN | LM 79/80 | 120° | 90+ CRI | 3 YEARS WARRANTY ★★★

Single CCT/ Color

| 2700K | 3000K | 4000K | 6000K | Red | Green | Blue | Yellow | RGB | CCT | RGBW |

DMX512

DMX512 - white

DMX512 - Dual White

DMX512 - RGB

DMX512 - RGBW

Dimensions

• **Flexible LED Wall Washer**

Unit: mm

47
15
150
250
41.5
1000

25
27
20

• **Mounting Accessories (Optional)**

20.5
13.98
22.1

25.4
47.7
27.4

70
20.5
27.6
22.5

22.4
10
20.4

18.6
29.1
25
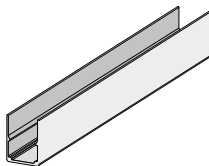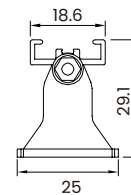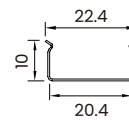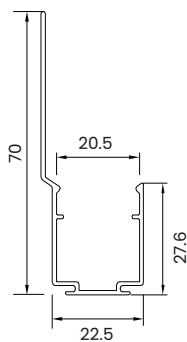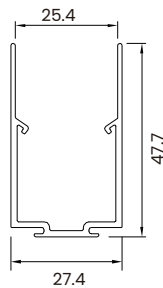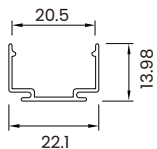
Aluminum clips / Aluminum profile

Aluminum clips / Aluminum profile
(higher model, with a wire concealment)

Flexible aluminum profile with
light-shielding plate (wire concealment)

Flexible stainless steel profile

Rotating brackets

Features
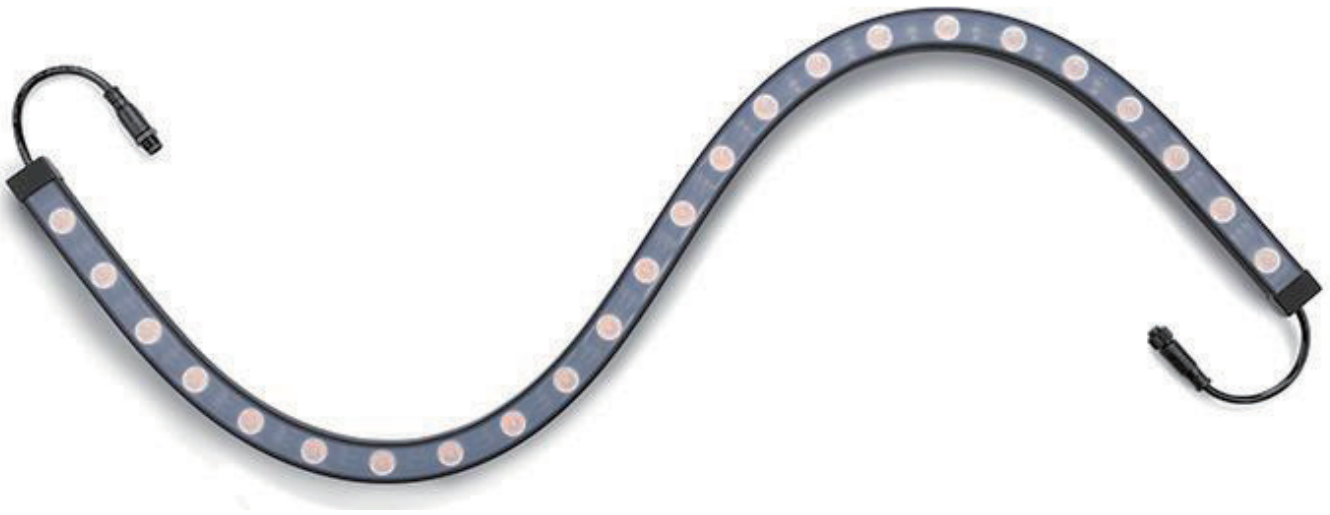
360° Bendable
Food-grade silicone, great flexibility, and can be bent 360°.
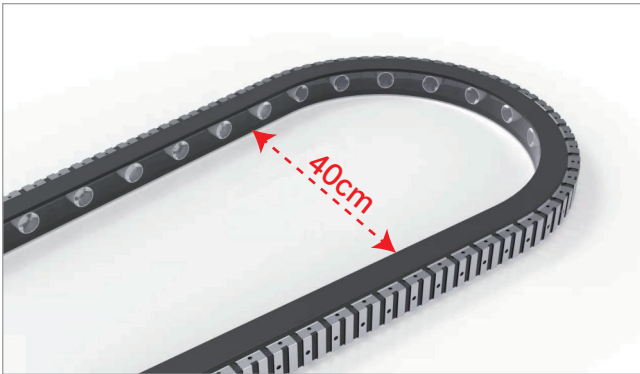
Bent inward
The inner bending diameter must be ⩾ 40 cm.
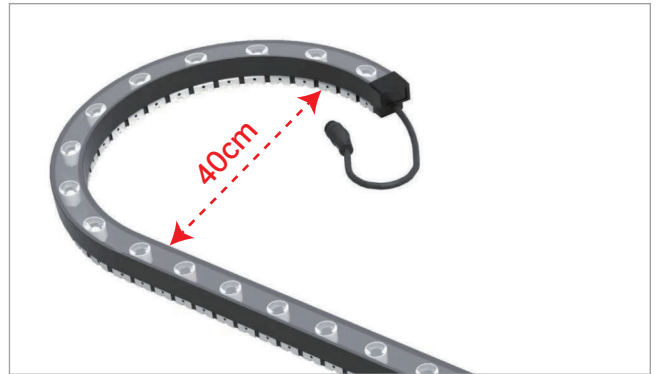
Top bend
The inner bending diameter must be ⩾ 30 cm.

Bent outward
The inner bending diameter must be ⩾ 40 cm.
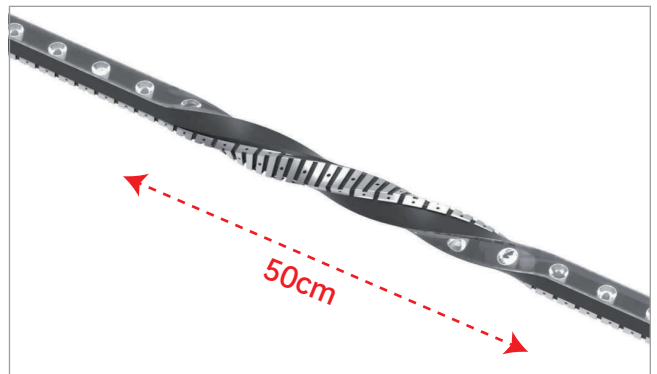
Twist
You can twist the wall washer 360°once per 50 cm.

Optical lens

High quality optical lens, with a variety of beam angles available.

Optical lens bracket

Made with special optical materials for better light focusing performance.

High-brightness LED beads with high CRI
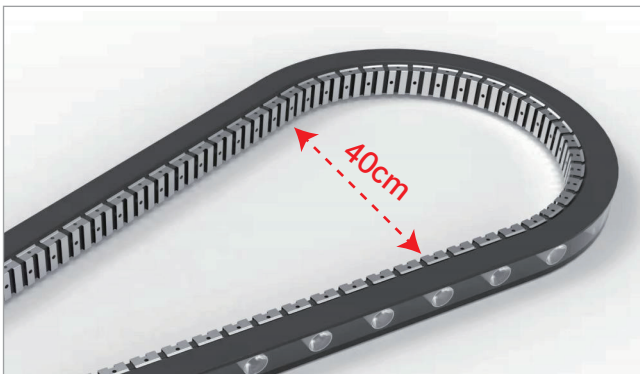
Uses high-brightness 3030 and 3535 custom-designed LED beads.

Thickened PCB board

Uses independent PCB boards, thickened for better heat dissipation. Each PCB is an individually cuttable unit.

| 15° | 25° |
| 35° | 20°*55° |

Single CCT/ Color

| 2700K | 3000K | 4000K | 6000K | Red | Green | Blue | Yellow | RGB | CCT | RGBW |

DMX512

DMX512 - white

DMX512 - Dual White

DMX512 - RGB

DMX512 - RGBW

Waterproof Male/Female Connectors

Effortless connection, faster installation, and more convenience.

High Protection, Safer Design

• IP65 Waterproof
• Anti-glare design
• Salt-resistant
• Acid and alkali resistant
• Flame-retardant UL94 V-0
• UV-resistant

Constant Voltage Series

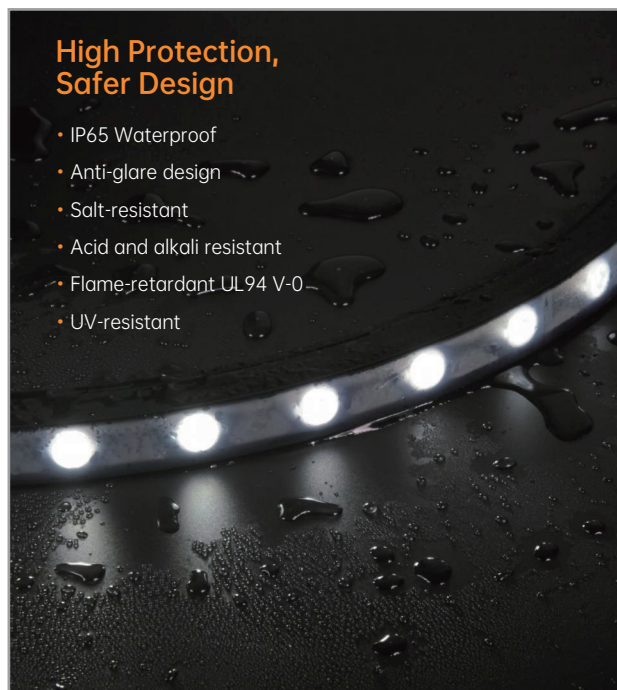| Voltage	Control	Color/CCT	LED Type	Pixel	LEDs/M	PCB	Power	Luminous Flux	Efficiency	CRI	IP	Min. Cutting	Warranty
DC24V	CV	● 3000K	3030	/	24 LEDs/M	15 mm	24 W/M	1780 lm/M	74 lm/W	≥ Ra90	IP65	250mm/6LEDs	3 years
DC24V	CV	● 4000K	3030	/	24 LEDs/M	15 mm	24 W/M	2110lm/M	80 lm/W	≥ Ra90	IP65	250mm/6LEDs	3 years
DC24V	CV	● 5000K	3030	/	24 LEDs/M	15 mm	24 W/M	2110 lm/M	80 lm/W	≥ Ra90	IP65	250mm/6LEDs	3 years
DC24V	CV	● Dual White	3030(2-in-1)	/	24 LEDs/M	15 mm	24 W/M	/	/	/	IP65	250mm/6LEDs	3 years
DC24V	CV	● RGB	3030RGB	/	24 LEDs/M	15 mm	24 W/M	/	/	/	IP65	250mm/6LEDs	3 years
DC24V	CV	● RGBW	3535RGBW	/	24 LEDs/M	15 mm	24 W/M	/	/	/	IP65	250mm/6LEDs	3 years

SPI Series

Voltage	Control	Color/CCT	LED Type	Pixel	LEDs/M	PCB	Power	Luminous Flux	Efficiency	CRI	IP	Min. Cutting	Warranty
DC24V	SPI	● RGB	3030RGB	4	24 LEDs/M	15 mm	24 W/M	/	/	/	IP65	250mm/6LEDs	3 years
DC24V	SPI	● RGBW	3535RGBW	4	24 LEDs/M	15 mm	24 W/M	/	/	/	IP65	250mm/6LEDs	3 years

DMX512 Series

| Voltage	Control	Color/CCT	LED Type	Pixel	LEDs/M	PCB	Power	Luminous Flux	Efficiency	CRI	IP	Min. Cutting	Warranty
DC24V	DMX512		3030	4	24 LEDs/M	15 mm	24 W/M	1560 lm/M	65 lm/W	≥ Ra90	IP65	250mm/6LEDs	3 years
DC24V	DMX512		3030	8	24 LEDs/M	15 mm	24 W/M	1560 lm/M	65 lm/W	≥ Ra90	IP65	125mm/3LEDs	3 years
DC24V	DMX512		3030(2-in-1)	4	24 LEDs/M	15 mm	24 W/M	1560 lm/M	65 lm/W	≥ Ra90	IP65	250mm/6LEDs	3 years
DC24V	DMX512		3030(2-in-1)	8	24 LEDs/M	15 mm	24 W/M	1560 lm/M	65 lm/W	≥Ra90	IP65	125mm/3LEDs	3 years
DC24V	DMX512		3030RGB	4	24 LEDs/M	15 mm	24 W/M	/	/	/	IP65	250mm/6LEDs	3 years
DC24V	DMX512		3535RGBW	4	24 LEDs/M	15 mm	24 W/M	/	/	/	IP65	250mm/6LEDs	3 years
DC24V	DMX512		5054RGBW	8	24 LEDs/M	15 mm	24 W/M	/	/	/	IP65	125mm/3LEDs	3 years

Note:
The above parameters are based on a 1-meter standard product.
Power and luminous flux allow a tolerance range of ±10%.
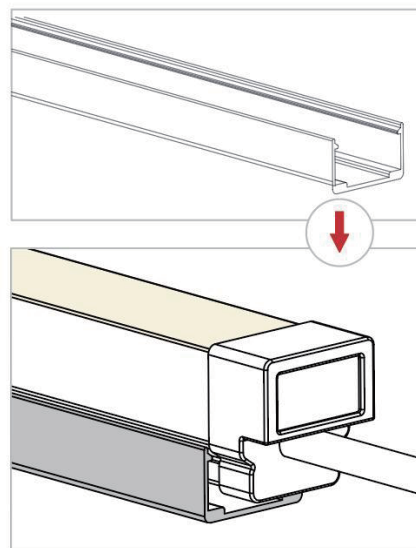The above parameters are the usual values.

🛠 Mounting

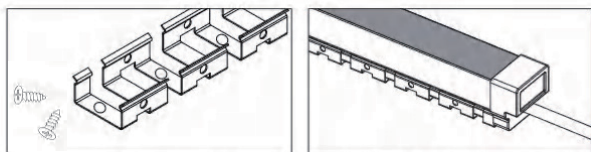1). Stainless steel flexible mounting profile (Optional)
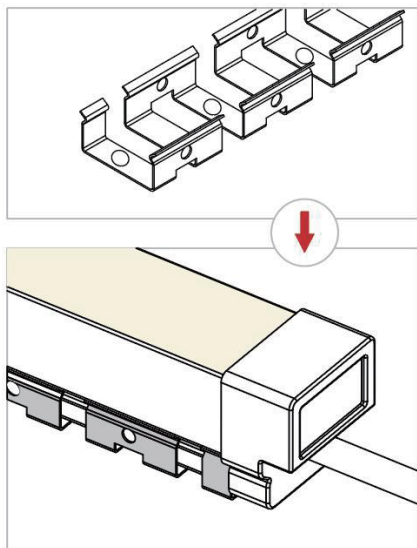
2). Aluminum clips (Optional)
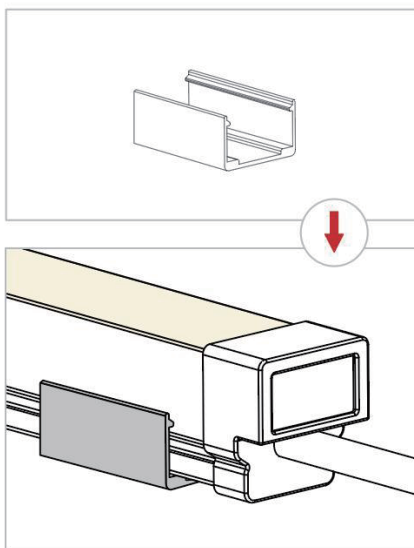
3). Aluminum profile (Optional)

Mounting with a flexible stainless steel profile

1. Cut the mounting profile to a desired length. Adjust the profile to a desired position, use a screwdriver to tighten the screws.

2. With the luminous surface facing up, firmly insert the wall washer into the profile. Installation finished.

Mounting with aluminum profile/ aluminum clips

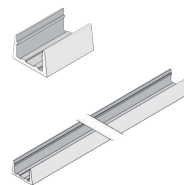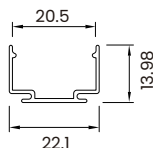1. Prepare the screws and clips / profiles.

2. Adjust the clips / profiles to a desired position, use a screwdriver to tighten the screws.

3. With the luminous surface facing up, firmly insert the wall washer into the clips/profiles.
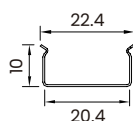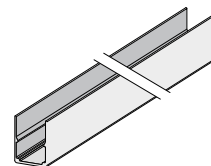
4. Installation finished.

🔧 Mounting Accessories (Optional)

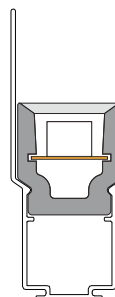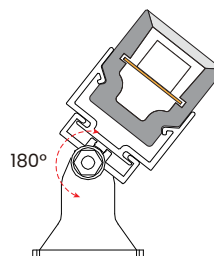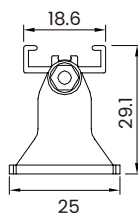|			
Aluminum clips / Aluminum profile	20.5 / 13.98 / 22.1		
Aluminum clips / Aluminum profile (higher model, with a wire concealment)	22.4 / 10 / 20.4		
Flexible aluminum profile with light-shielding plate (wire concealment)	25.4 / 47.7 / 27.4		
Flexible stainless steel profile	70 / 20.5 / 27.6 / 22.5		
Rotating brackets	18.6 / 29.1 / 25	180°	180°
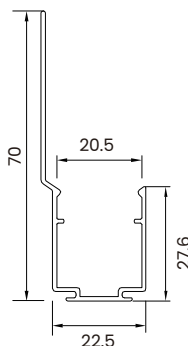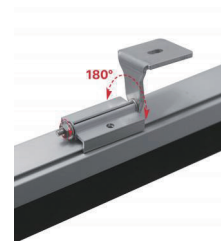
⊞ Wiring Diagram

1.Single Color/CCT
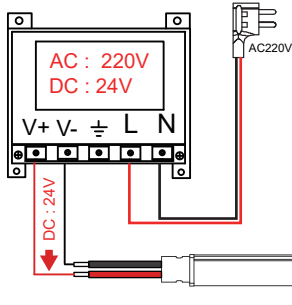
AC : 220V
DC : 24V

V+ V- ⏚ L N

DC : 24V

AC220V

Note: Direct connection to high-voltage power is prohibited, as it can damage or burn out the strip light. It is mandatory to use a designated power supply to convert the 220V AC high voltage to a low voltage DC compatible with the strip light to ensure proper functionality.

Note: When selecting LED power supplies, it is important to consider a buffer of 30% above the rated capacity (recommended not to use more than 70% of the power supply's capacity). This ensures that the product is provided with sufficient power to achieve the desired effect.

2.Dual White

+V
W
C

Dual Color Controller

White Wire -C
Yellow Wire -W
Red Wire -V+

AC : 220V
DC : 24V

V+ V- ⏚ L N

V+
V-

DC : 24V

AC220V

Note: Direct connection to high-voltage power is prohibited, as it can damage or burn out the strip light. It is mandatory to use a designated power supply to convert the 220V AC high voltage to a low voltage DC compatible with the strip light to ensure proper functionality.

Note: When selecting LED power supplies, it is important to consider a buffer of 30% above the rated capacity (recommended not to use more than 70% of the power supply's capacity). This ensures that the product is provided with sufficient power to achieve the desired effect.

3.RGB

+V
R
G
B

Mode   Speed -   Speed +

RGB Controller

Red Wire - "R"
Green Wire - "G"
Blue Wire -"B"
Black Wire - "+"

AC : 220V
DC : 24V

V+ V- ⏚ L N

V+
V-

DC : 24V

AC220V

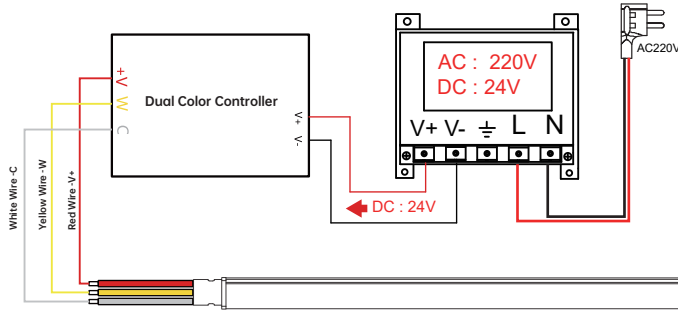**Note:** Direct connection to high-voltage power is prohibited, as it can damage or burn out the strip light. It is mandatory to use a designated power supply to convert the 220V AC high voltage to a low voltage DC compatible with the strip light to ensure proper functionality.

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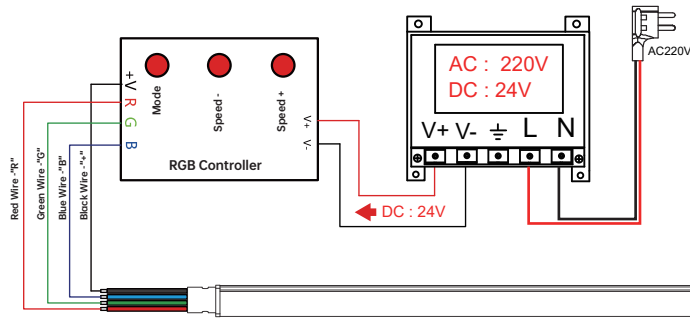
4.DMX512

CHIP   MODE   SPEED

K-1000C

Red Wire - (+24V)
Black Wire - (GND)
Blue Wire - (B)
Green Wire - (A)
White Wire - (PI)

AC : 220V
DC : 24V

V+ V- ⏚ L N

DC24V

AC220V

Note: Direct connection to high-voltage power is prohibited, as it can damage or burn out the strip light. It is mandatory to use a designated power supply to convert the 220V AC high voltage to a low voltage DC compatible with the strip light to ensure proper functionality.

Note: When selecting LED power supplies, it is important to consider a buffer of 30% above the rated capacity (recommended not to use more than 70% of the power supply's capacity). This ensures that the product is provided with sufficient power to achieve the desired effect.
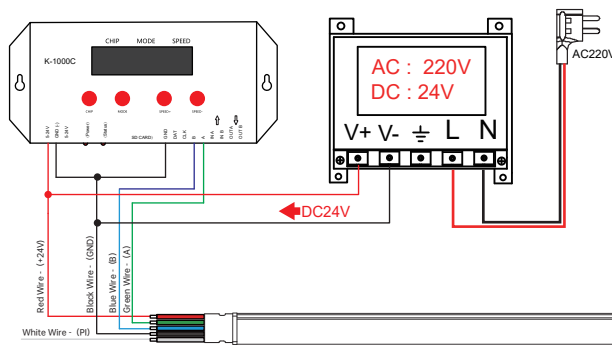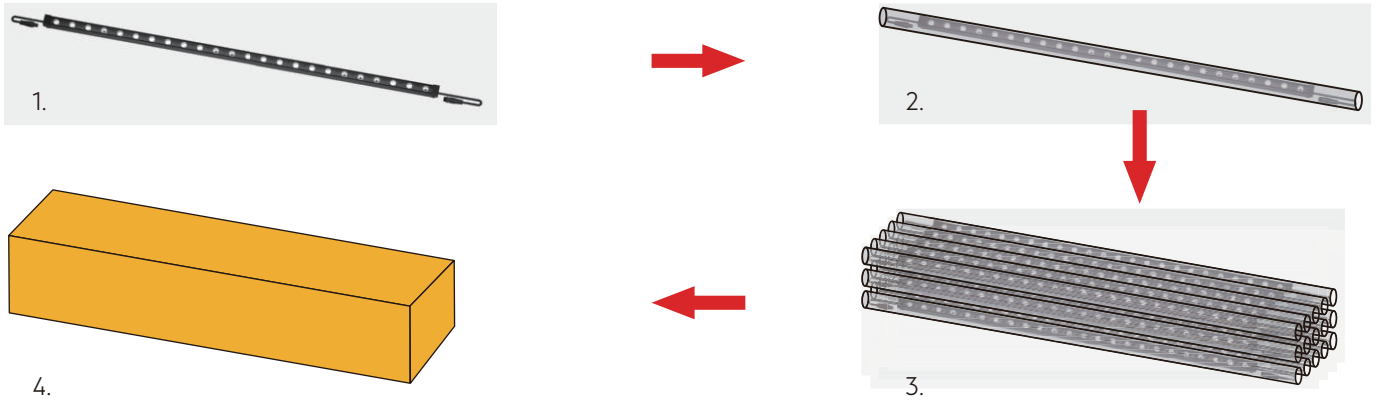
⊞ Packaging

1.

2.

3.

4.

⚠ Attention

1. It is strictly forbidden to twist the strip or handle it inappropriately (in any other way than included in this manual) during installation. Additionally, improper handling or installation will result in a product defect or health hazard.

2. After opening the packaging, carefully test the product by lighting it up before installation. Do not install products that have been damaged during transport.

3. Installation:
 (1) Single ended cable product:
   During installation, two people should work together (or use a stable object to support the remaining part of the strip light). Begin by embedding and securing the cable ended part. One person is responsible for embedding, while the other holds the strip light. This not only makes the installation easier but also preventsfrom damaging the strip.
 (2) Double ended cable product:
   During installation, two people should work together (or use a stable object to support the uninstalled part of the strip light). Begin by embedding and securing from one of the cable exit ends. When you are about half a meter from the other cable exit end, stop embedding, and have one person firmly hold the embedded part in place to prevent it from slipping out. The other person should then take the opposite cable exit end and start embedding from that side. Continue until both ends are fully embedded.

4. Removal:
 (1) Single ended cable product:
   Before starting the removal process, ensure that the electricity is disconnected. We suggest that the removal should be performed by two people (or with a help of a rack to support the removed strip light). Begin the removal process at the cable exit end. One person should carefully handle the removal, while the other supports the strip light being removed. This coordination ensures a smooth process and helps protect the strip light from damage. Once the removal is complete, carefully cut the electrical wires.
 (2) Double ended cable product:
   Before starting the removal process, ensure that the electricity is disconnected, and cut the wires at one end. The removal should be performed by two people (or with a help of a rack to support the removed strip light). As you approach the other end, cut the wires to complete the removal.

 Warning! If the strip light stops working during use and is still within the warranty or replacement period, please consult with the after-sales department before returning it to the factory for repair or to identify the cause of the damage. Do not attempt to remove it forcefully, as this may damage the internal electronic components.

5. Cutting the LED Strip Light:
 (1) Disconnect the electricity before cutting.
 (2) During the cutting process: Try to align the cut with the cutting line on the strip, or trim at the black dot on the strip.

6. Make sure to provide the voltage as indicated on the LED strip's label. (Insufficient voltage might prevent the lights from turning on or cause them to appear dim. Excessive voltage will damage the LED strip.)

7. The installation environment for silicone LED strip light should be free of corrosive gases, such as carbon dioxide, methane, chlorofluorocarbons, etc. These gases will cause various degrees of damage to the silicone, such as yellowing, hardening, or becoming brittle.