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CE EHC IP67

A++ ENERGY LEVEL | LED | RoHS COMPLIANT | LM-80 | FLICKER FREE

FLORA TUNABLE

3030

Flame Resistant | UV Resistant | Salt Water Resistant | IK08 Protection | Tunable White

DESCRIPTION:

FLORA TUNABLE Flexible Wall Washer series constructed using Silicon extrusion process. Uniform, dot free light emission, good appearance consistency. Anti-yellowing, high temperature and corrosion resistance, weak acid and alkali resistance UV proof for true outdoor applications. Easy installation with clips and bendable track. Cutable for Flexible application. Control mode : DALI DT8, DMX.

TECHNICAL DETAILS:

Power : 20W/M
Voltage : DC24V
CRI >90
Length/Reel : 5M/10M
Cutting length: 166.7mm
Led Qty : 42 LEDs/M
Working Temperature : -25~55°C
Storage Temperature : -30~80°C
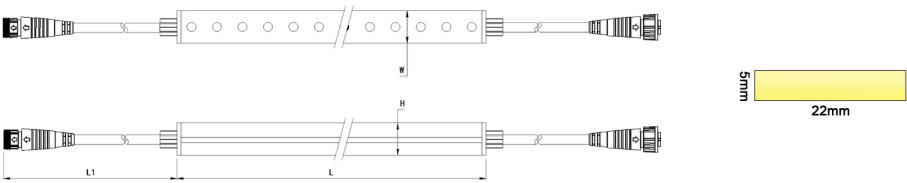Voltage Range : 23 ~25V dc
Reverse Voltage : 25V dc
Warranty : 5 years

LUMENS PER METER:

OPTICS : 15°/30°/60°/30x45°/25x20°
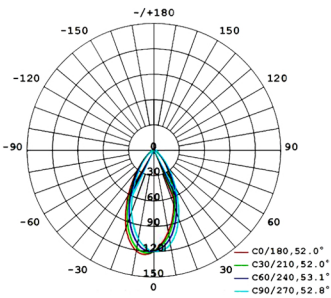**CCT   :** 2700K-6500K
20W   : 110-130lm/W

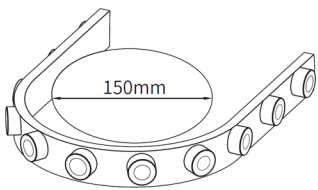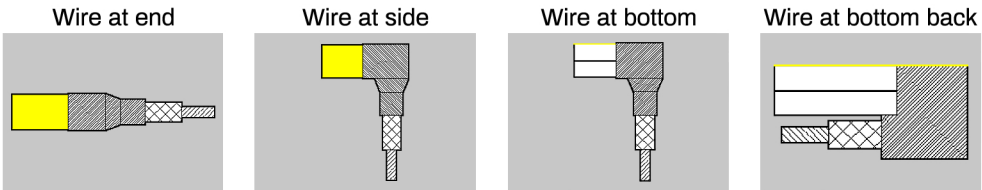**INSTALLATION :** Vertical Bend

Product Code : 7032205

DIMENSION:

5mm
22mm

LIGHT DISTRIBUTION:

—— C0/180,52.0°
—— C30/210,52.0°
—— C60/240,53.1°
—— C90/270,52.8°

BENDING:

150mm

End cap

| Wire at end | Wire at side | Wire at bottom | Wire at bottom back |

Order Code Ex : 7032205   20   27-65   15
Product Code   Power   CCT   Beam Angle
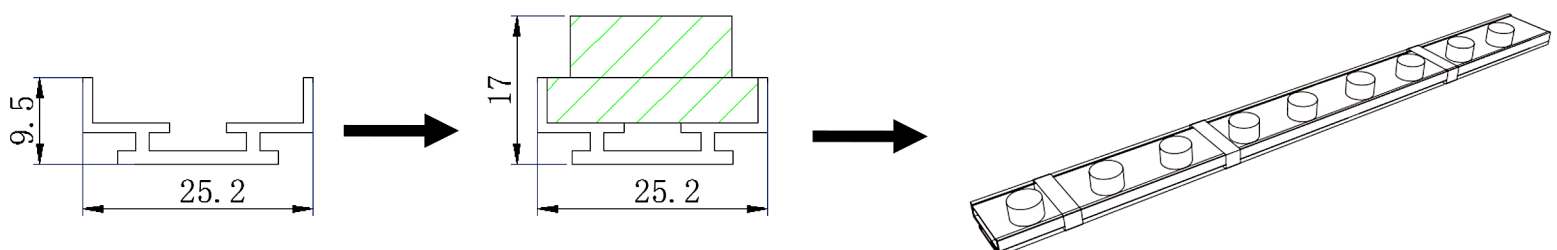7032205 | 20-20W | 27-65 : 27K-65K   15-15°
30-30°
60-60°
30x45°
25x20°

Accessories installation diagram

Clips installation : 7032205-01

11.8
26.2
17
26.2
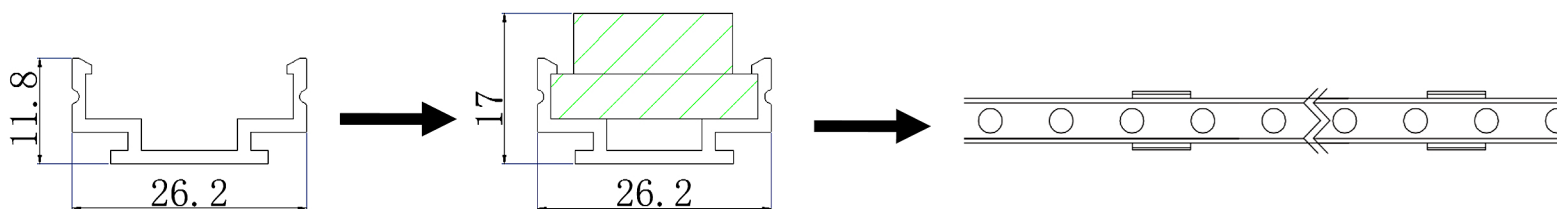
Alu Profile installation : 7032205-02

9.5
25.2
17
25.2

Alu profile with PC cover : 7032205-03

22.8
26.8
22.8
26.8
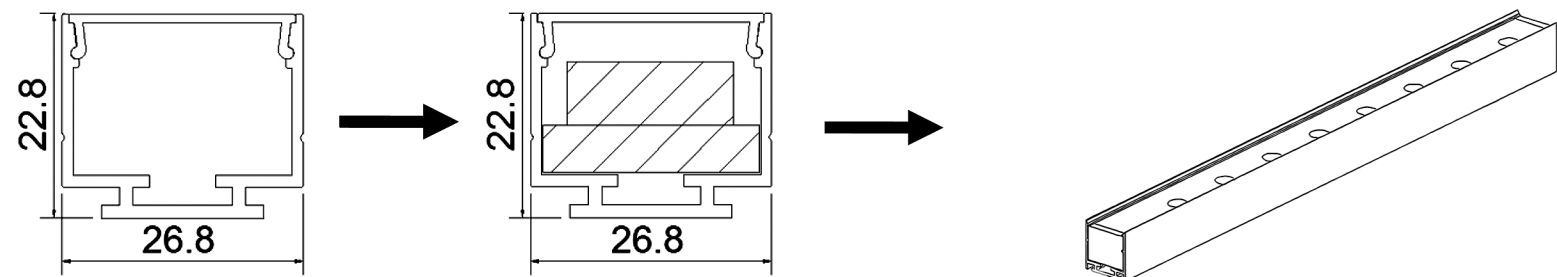
Rotatable bracket : 7032205-04

24
36
35
36
41
36
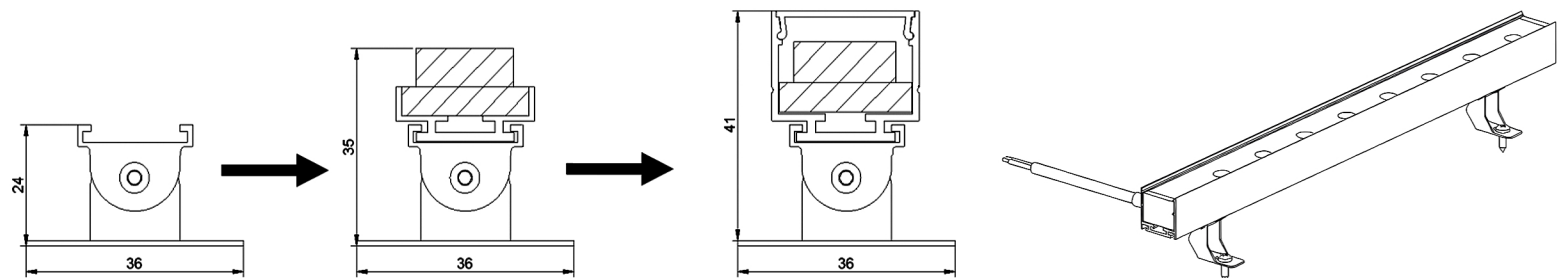
End Cap : 7032205-05

Closed End Cap
Material: silicone
Color: white

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Accessories Installation Diagram

Connector : 7032205-06

IP67 Connector 3PIN

Wire gauge: 0.326mm²/22AWG

Protection: IP67 (Mated)

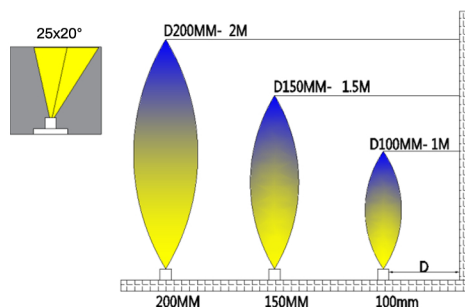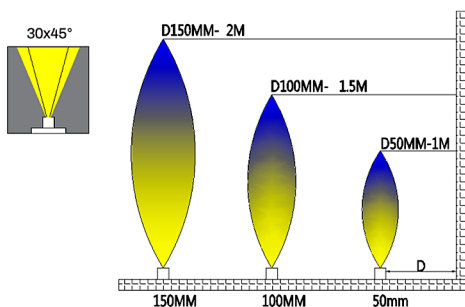Connector type : Male

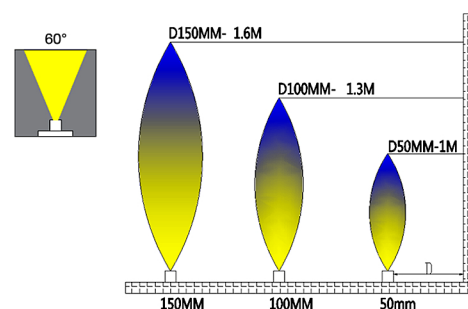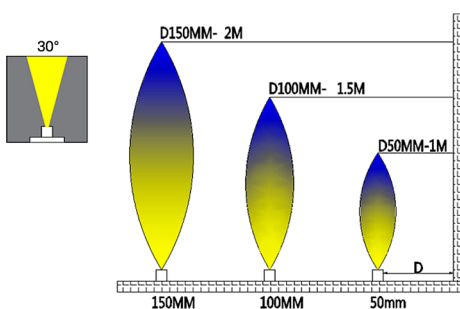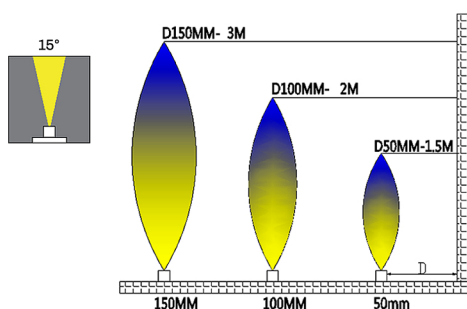**Connector** : 7032205-07

IP67 Connector 3PIN

Wire gauge: 0.326mm²/22AWG

Protection: IP67 (Mated)

Connector type : Female

T Type Connector : 7032205-08

IP67 T Type Connector
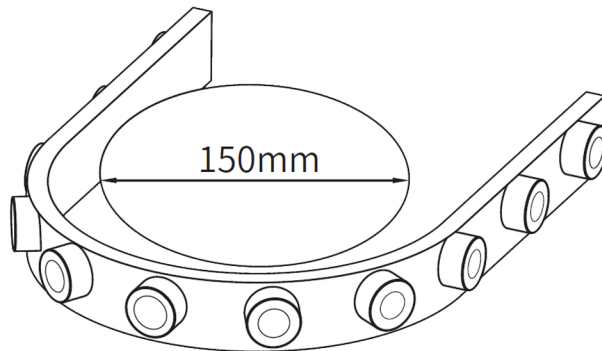
Wire Gauge: 0.326mm²/22AWG

Protection: IP67 (Mated)

Beam Angle

15°
D150MM- 3M
D100MM- 2M
D50MM-1.5M
150MM 100MM 50mm

30°
D150MM- 2M
D100MM- 1.5M
D50MM-1M
150MM 100MM 50mm

60°
D150MM- 1.6M
D100MM- 1.3M
D50MM-1M
150MM 100MM 50mm

30x45°
D150MM- 2M
D100MM- 1.5M
D50MM-1M
150MM 100MM 50mm

25x20°
D200MM- 2M
D150MM- 1.5M
D100MM- 1M
200MM 150MM 100mm

ADDITIONAL INFO.

150mm

▸ Please light it up for a quick check before installation.

▸ Bending diameter of FLORA TUNABLE 2205 is 150mm for Horizonaly
   Do not bend too sharp or twist. If bend it wrongly, PCB inside
   will be damaged and the lighting fixture will not turn on.

▸ During installation, please make sure there are at least two workers
   to cooperate together and strictly follow the instruction manuals.

▸ Warranty: All LED light are warranted to be free from defects in
   product itself for 5 years from the date of purchase. This warranty
   does not cover failures due to abuse, misuse, improper handling,
   act of nature, negligence, normal wear, accidental damage, repairs
   made by the purchaser or incorrect voltage conditions.
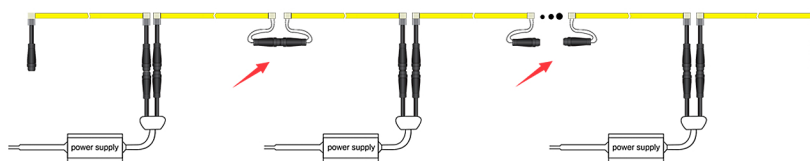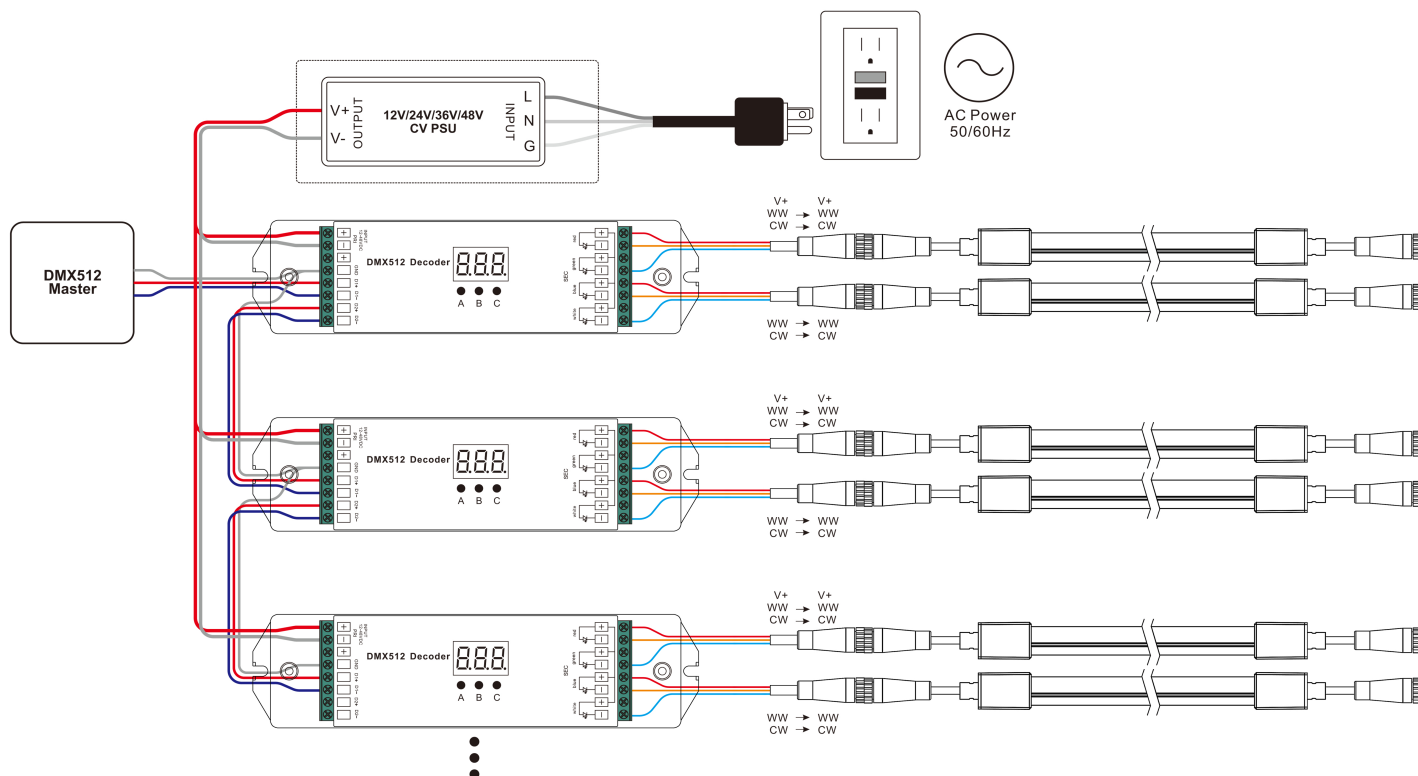

Note:
-20W/M Max. 7mtr run length to double side feed.

-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 5%.
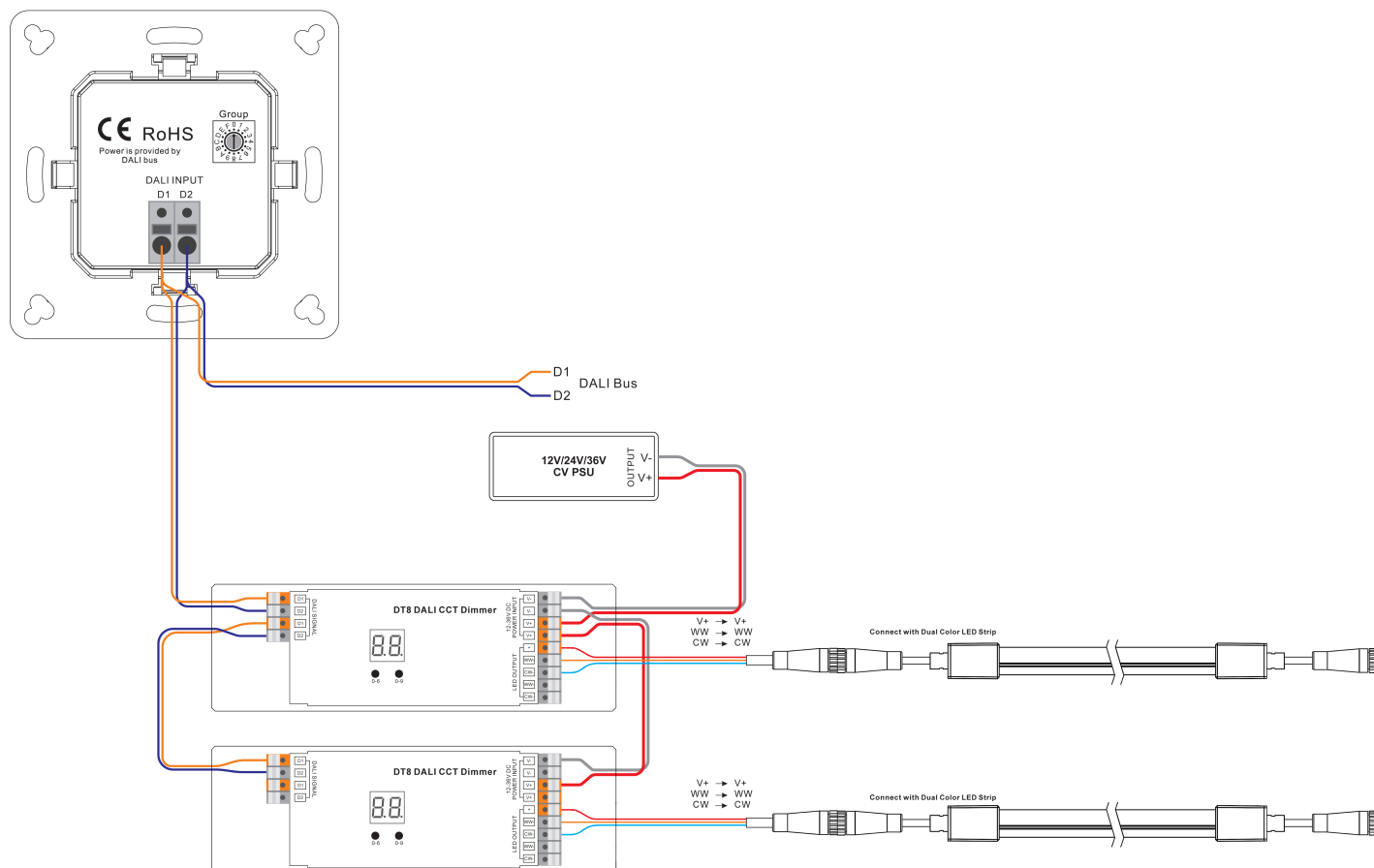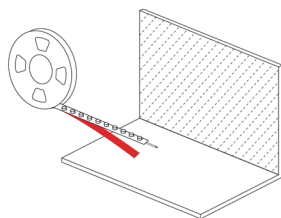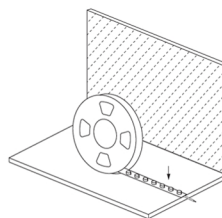
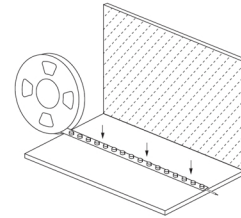# WIRING DIAGRAM

DMX

1 DALI

GENERAL MOUNTING

Installation With back tape

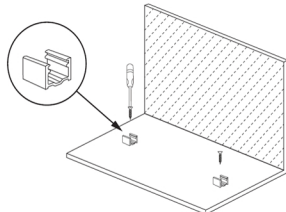Remove the product from the packaging box and tear off the tape on the back.

Install the product where you need it (ensure the wall is smooth), refer to the installation distance diagram for the specific glowing effect, and stick it firmly.
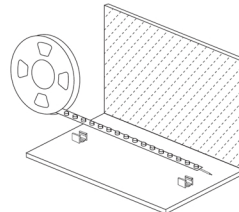
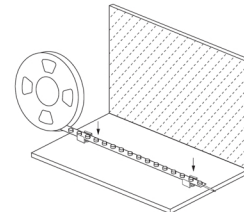Connect the product to the low-voltage driver and energize it.

Installation with stainless steel mounting clip

Remove the stainless steel mounting clips and screws from the packing box, and use a screwdriver to install these clips where needed.
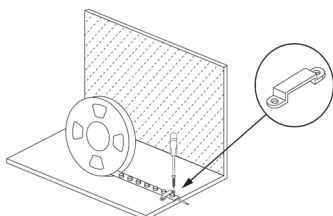
Take the light out of the box, then put the light into the clips and secured it (refer to the installation distance diagram for the specific glowing effect).
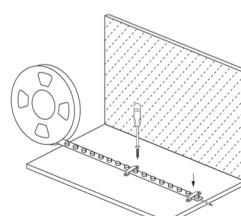
Connect the product to the low-voltage driver and energize it.
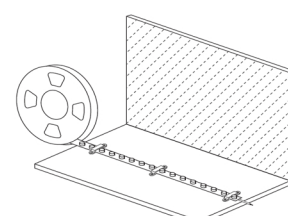
Installation with Silicone Mounting Clip

Place the light where needed, and refer to the installation distance diagram for the specific glowing effect.
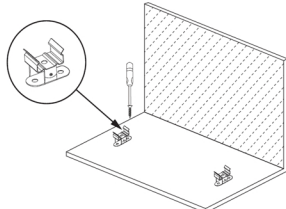
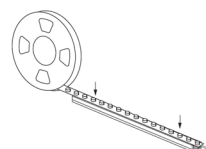Remove the silicone mounting clips and screws from the package box, and fix these clips with a screwdriver.

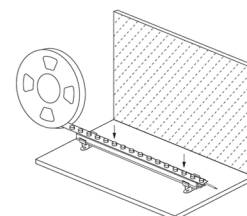Connect the product to the low-voltage driver and energize it.

Installation with Aluminum Profile

Remove the light, aluminum profile and rotating brackets from the box, and fix the rotating brackets to the needed position with a screwdriver.

Put the light into the aluminum profile, and press the light down along the profile to ensure the light is tightly stuck into it. Then fasten the profile on the rotating brackets (according to the glowing angle requirements, the rotating bracket can be adjusted).

The specific glowing effect can be adjusted according to the needs of the application. After the installation, connect the light to the low-voltage driver and energize it.
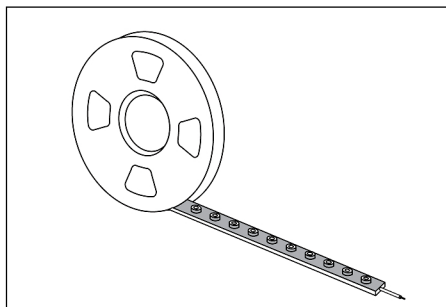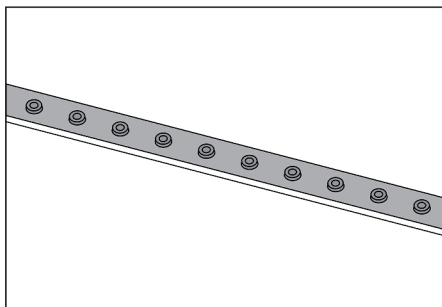
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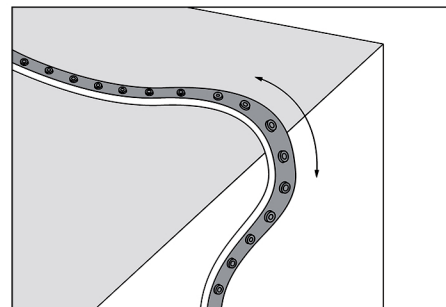# INSTALL

Attention

150mm
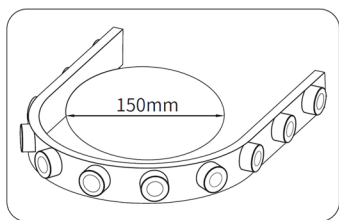
1. Correct bending way

Correct operation

During the installation process, the LED wall washer is taken out from the reel naturally and keep it as straight as possible.
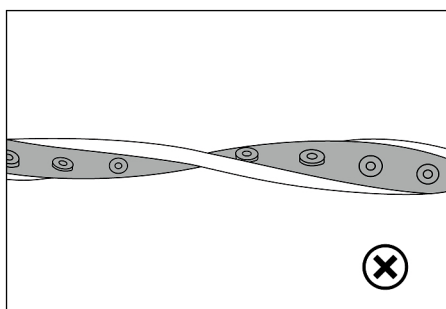

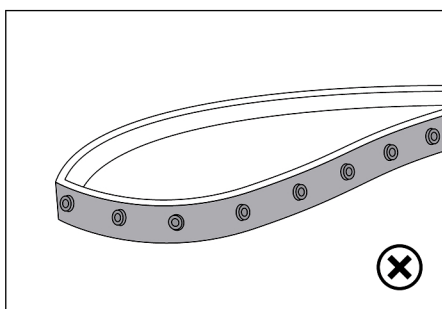The LED wall washer should be kept vertical or horizontal during the installation process.

When LED wall washer meets the corner during the installation process, the LED wall washer must be kept facing up and the back facing down, maintaining a certain bending arc, Φ≥150mm.

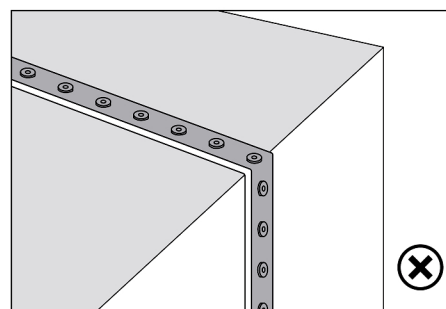## Wrong operation

Do not twist the LED wall washer during the installation process.

Do not fold the LED wall washer in half or bend it at a small angle during the installation.

When the LED wall washer meets the corner during the installation process, the LED wall washer must be kept facing up and the back down, and it cannot be bent at right angles.

Wrong operation

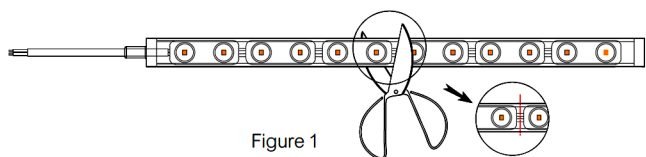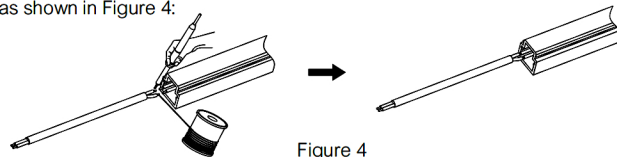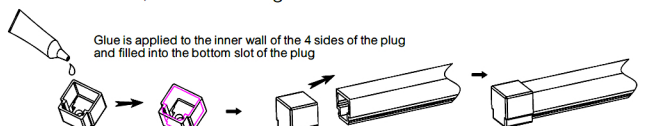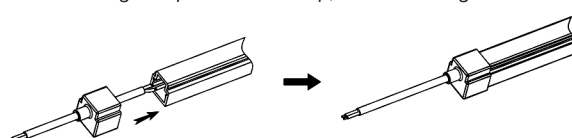|	
Step 01	Use scissors to cut from the connection of two PCBs, as shown in Figure 1 Figure 1
Step 03	Butt-weld the power line and the light strip, pay attention to the positive and negative poles, and insulate the positive and negative poles, as shown in Figure 4: Figure 4
Step 02	Fill the end cap with glue, and insert the light strip into the end cap. After installation, as shown in Figure 2: Glue is applied to the inner wall of the 4 sides of the plug and filled into the bottom slot of the plug Figure 2
Step 04	Insert the end cap into the wire, repeat the gluing procedure in Figure 2, and then insert the light strip into the end cap, as shown in Figure 5: Figure 5