Signcomplex
light and smart

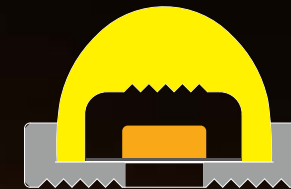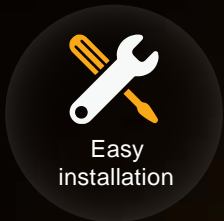# SMD SMOOTH LINE SILICONE EXTRUSION

Smooth line technology brings new style lighting that instead of using COB LED strips

ETL
c ETL us
Intertek

c UL us

CE

RoHS

Warranty
3 years

Available colors

W   NW   WW

High
efficiency

High
brightness

Luminous
uniformity

IP67

Easy
installation

DESCRIPTION

Flexible chip-on-FPC strip with uniform and soft light, good linearity, no glare, high color consistency, with the controller can achieve light brightness control. Through the control of lighting dynamic effect, it can adapt to different scene application, making immersive feeling.

SOFT LIGHT

Soft light, dot free, linear light, extremely flexible, high reliability.

GOOD BENDABILITY

High-end vapor phase silicone, good softness and plasticity.

SMD smooth line silicone extrusion

Regular COB Strip Light

Comparison

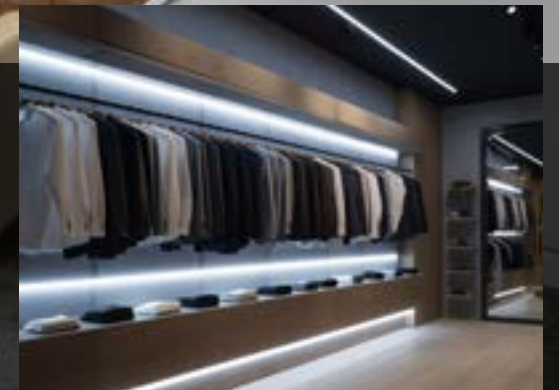|		Regular COB Strip
Luminous uniformity without light spots	★★★★★	★★★☆☆
luminous surface	★★★★	★★★★
Brightness	★★★★	★★☆☆
IP grade	IP67	IP20

VS

IP67 WATERPROOF

SMD strip light with silicone extrusion process,
providing excellent sealing performance.
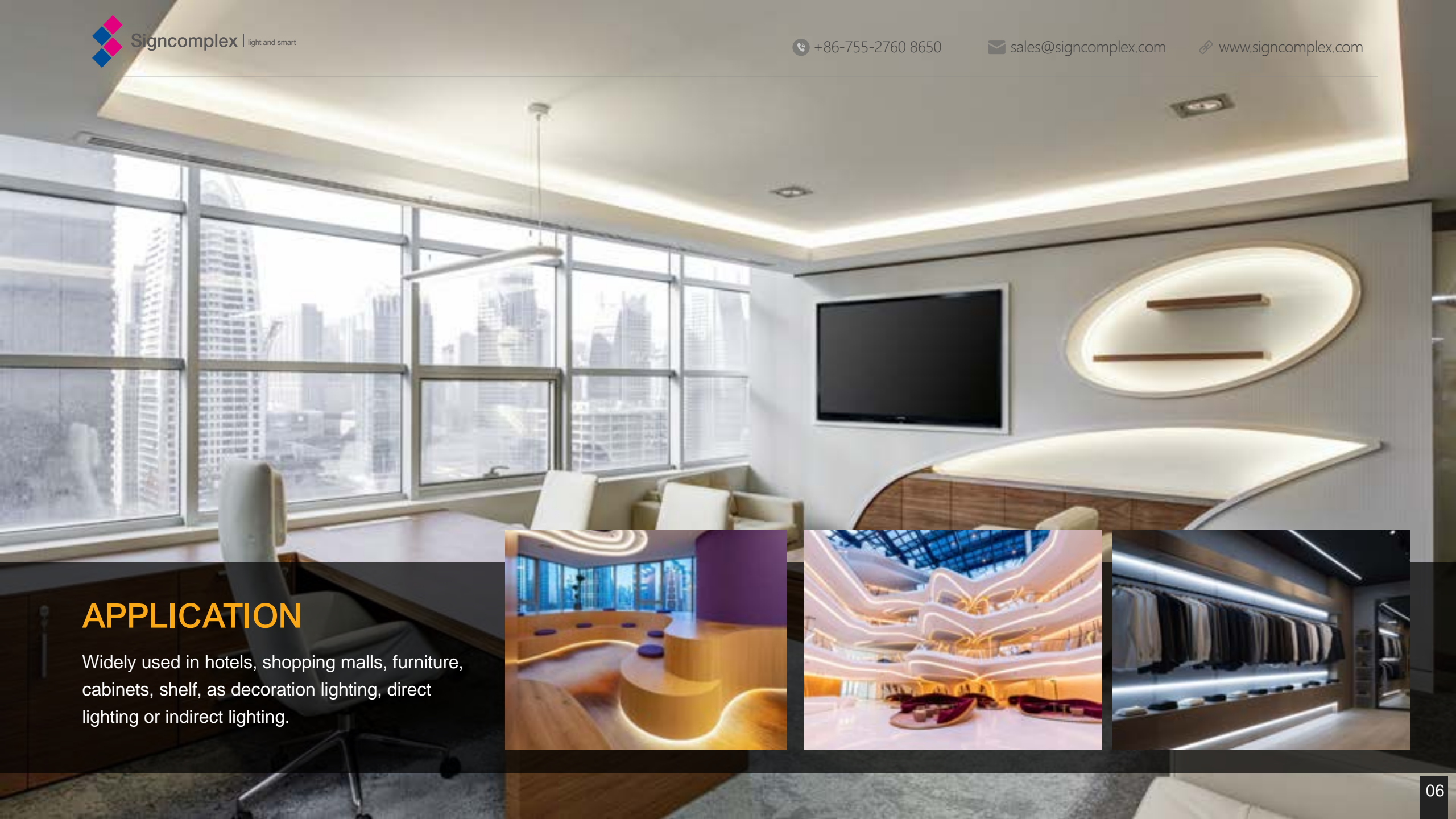
APPLICATION

Widely used in hotels, shopping malls, furniture, cabinets, shelf, as decoration lighting, direct lighting or indirect lighting.
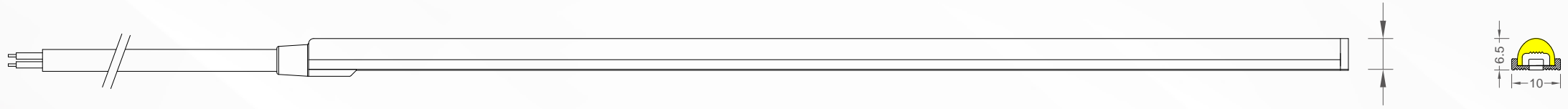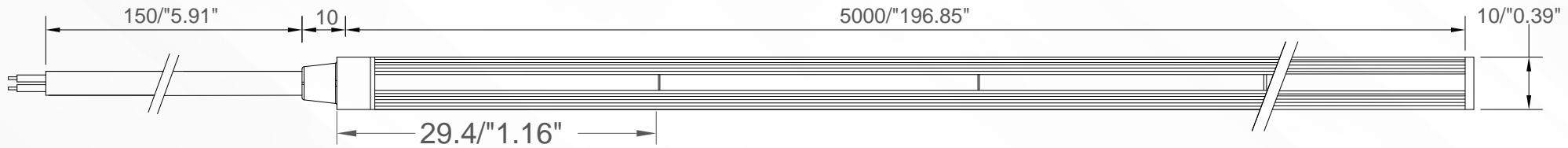
SPECIFICATIONS

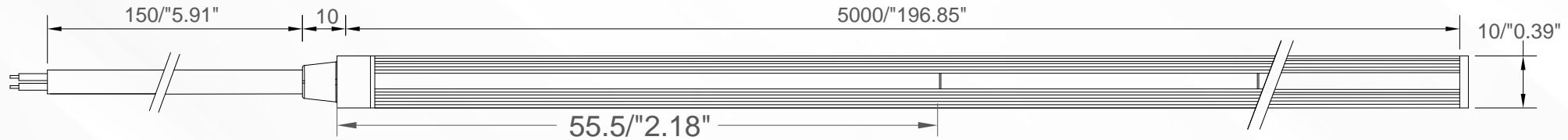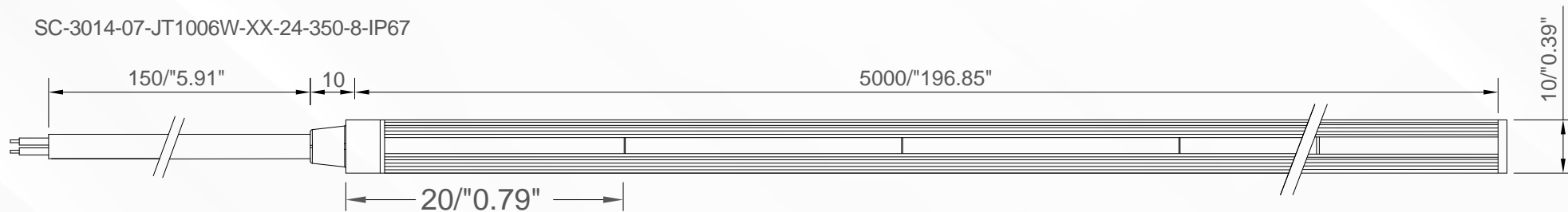| Model	Wave Length CCT Range(for LED only)		Luminous Flux (lm/m)	CRI	LED Type	LED Qty (pcs/m)	Rated Watt (W)	Voltage (V)	Max. length (m)	Min. cut (mm)	Beam Angle	IP Grade
SC-2835-07-JT1006W-XX-24-238-8-IP67	WW	2800-3200K	1380	80	2835	238	15	24	5	29.4	150°	IP67
	NW	3800-4500K	1560									
	W	6000-6500K	1600									
SC-2835-07-JT1006W-XXST-24-238-8-IP67	WW	2800-3200K	1850									
	NW	3800-4500K	1950									
	W	6000-6500K	2000									
SC-3528-14-JT1006W-60K-24-252-8-IP67	W	6000K-6500K	1600	70	3528	252				55.55		
SC-3528-14-JT1006W-23K80-24-252-8-IP67	SWW	2200K-2500K	1300	80								
SC-3528-14-JT1006W-23K90-24-252-8-IP67	SWW	2200K-2500K	1100	90								
SC-3528-14-JT1006W-30K90-24-252-8-IP67	WW	2800K-3200K	1200	90								
SC-3014-07-JT1006W-23K80-24-350-8-IP67	SWW	2200K-2500K	950	80	3014	350				20		
SC-3014-07-JT1006W-40K80-24-350-8-IP67	NW	3800K-4500K	1200	80								
SC-3014-07-JT1006W-22K90-24-350-8-IP67	SWW	2200K-2500K	800	90								
SC-3014-07-JT1006W-30K-24-350-8-IP67	WW	2800K-3200K	900	90								

DIMENSIONS (Unit: mm/inch)

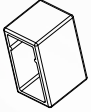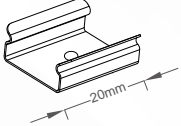6.5/"0.26"

6.5

10

SC-2835-07-JT1006W-XX-24-238-8-IP67

150/"5.91"   10   5000/"196.85"   10/"0.39"

29.4/"1.16"
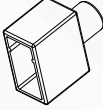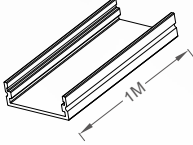
SC-3528-14-JT1006W-XX-24-252-8-IP67

150/"5.91"   10   5000/"196.85"   10/"0.39"

55.5/"2.18"

SC-3014-07-JT1006W-XX-24-350-8-IP67

150/"5.91"   10   5000/"196.85"   10/"0.39"

20/"0.79"

ACCESSORIES

End cap with hole	End cap without hole	Mounting clip	Mounting clip(1M)
		~20mm	1M
2pcs/5M	2pcs/5M	2pcs/5M	Optional

INSTALLATION DIAGRAM

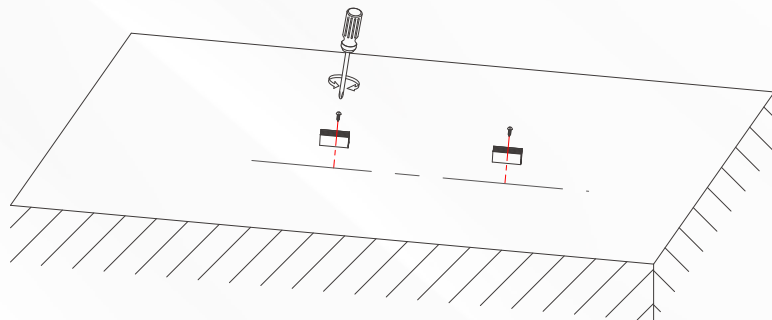1. First, fix the fixing clip at the place where the LED strip is to be installed, as shown in Figure 1:

Figure 1

2. Install the LED strip into the fixing clip and complete the installation, as shown in Figure 2:
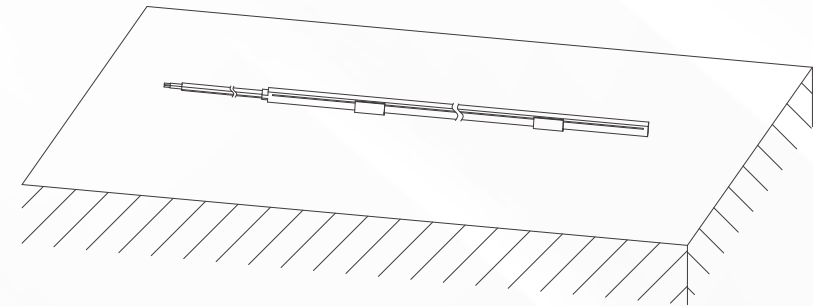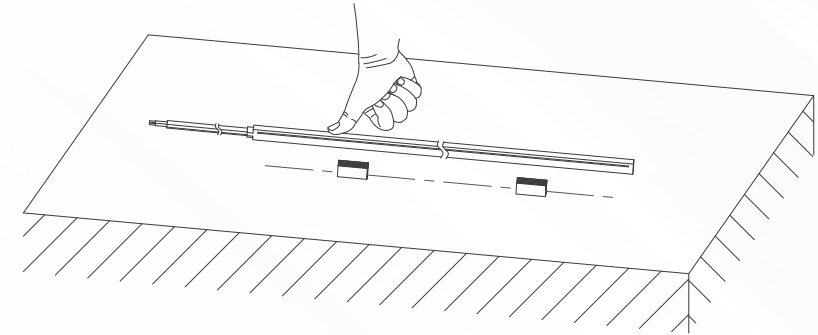
Figure 2

INSTALLATION OPERATION (*After cutting off the sealing head, the waterproof rating of the product is reduced from IP67 to IP65.)

1. Cut along the cutting line with scissors, as shown in Figure 3.
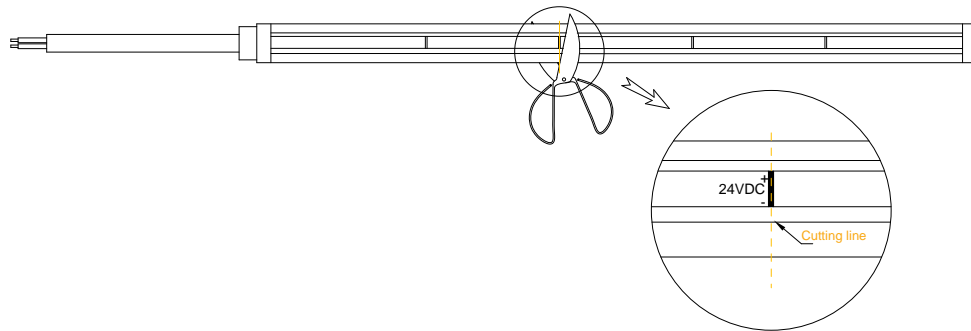
24VDC

Cutting line

Figure 3

2. Fill the plug with glue, and put the neon flex into the plug, installation completed, as shown in Figure 4.
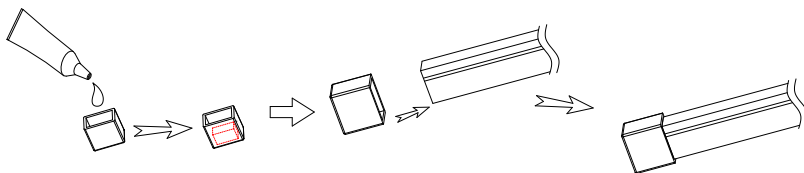
Figure 4

3. Cut off the adhesive on the back of the PCB to reveal the welding points, as shown in Figure 5.
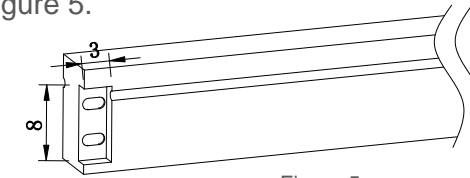
3

8

Figure 5

4. Use the soldering iron to solder the wire, as shown in Figure 6.
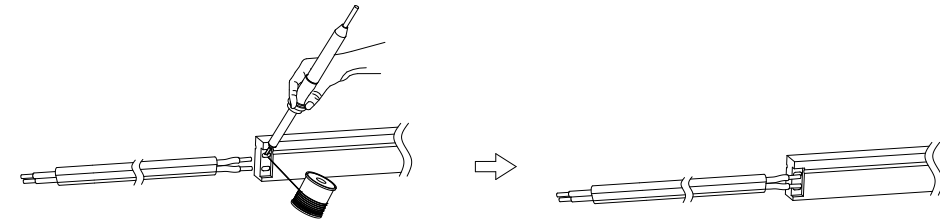
Figure 6

5. Put the wire encased into the plug, and repeat Figure 4 gluing steps, and then insert the neon flex into the plug, installation completed, as shown in Figure 7.
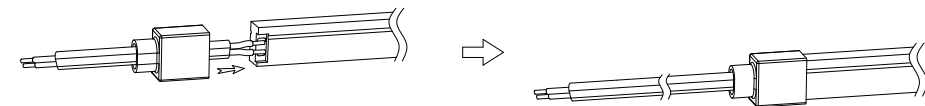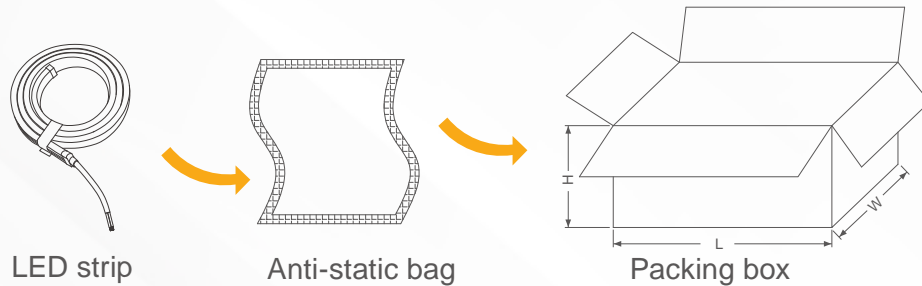
Figure 7

PACKAGING INFORMATION

LED strip   Anti-static bag   Packing box

LED strip	Anti-static bag	Packing Box		
Part Number	Gross Weight per Reel	QTY per Carton	Gross Weight	Size(cm/inch)
SC-XXX-XX-JT1006W-XX-24-XXX-8-IP67	0.315KG	50	15.75KG	59cm*32.5cm*21.1cm 23.23"*12.79"*8.3"

INSTALLATION REQUIREMENT

◉ The LED strip and accessories can't be squeezed or folded.

◉ PCB conductive parts can't be damaged during installation.

◉ Installation must conform to electrical safety standard. The LED strip can only be installed by professionals.

◉ Ensure power supply transform operating load with transformer.

◉ When installing on metal or conductor surface, insulation protection need to be provided to the contact area.

◉ Observe positive and negative polarity, ensure correct connection to avoid damaging LED strip.

◉ During installation, please prevent static electricity.

◉ The product need anti-corrosion environment, such as, avoiding damp, water drop or other adverse elements.