Top View Neon Flex Tube

Features

※ SMD LEDs: SMD3528LED

※ LED Qty: 120 LEDs per meter / 144 LEDs per meter

※ Voltage：DC24V

※ IK Class: IK08

※ Waterproof Grade: IP68

※ The minimum bending diameter is 12cm.

※ Connection Length: 10M power at one end. 20M power at both ends

※ Material: PVC-Ivory White

Application

The products are widely used in the illumination and decorative lighting for piazza, restaurants, private villas,garden, conference room, exhibition hall, beautify the area environment, stage bar, shopping mall, parking sculpture, the tourist attractions.
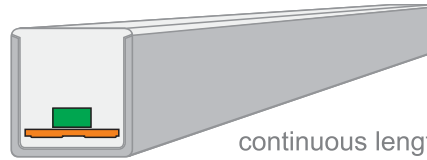
120pcs SMD/meter Neon Strip Parameters

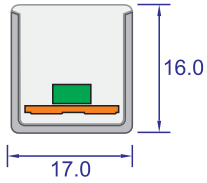| Model No.	LED Type	LED Q'ty /meter (pcs)	Input voltage (V)	Power / meter (W)	Color	Tc(K)/nm		Beam Angle (degree)	SMD LEDs /Unit (pcs)	IP Rating	Cutting Length (cm)	Weight (Kg/m)
FoliLED Flex-20T	3528 SMD	120	24V_{DC}	9	Orange		600~610nm	120°	12.0	IP68	10.0	0.5
					Red		620~630nm					
					Green		510~525nm					
					Blue		455~470nm					
					Yellow		590~600nm					
					White		2600~2800K					
							2800~3200K					
							4000~4500K					
							5500~6000K					

144pcs SMD/meter Neon Strip Parameters

| Model No.	LED Type	LED Q'ty /meter (pcs)	Input voltage (V)	Power / meter (W)	Color	Tc(K)/nm		Beam Angle (degree)	SMD LEDs /Unit (pcs)	IP Rating	Cutting Length (cm)	Weight (Kg/m)
FoliLED Flex-44T	3528 SMD	144	24V_{DC}	10	Orange		600~610nm	120°	12.0	IP68	8.3	0.5
					Red		620~630nm					
					Green		510~525nm					
					Blue		455~470nm					
					Yellow		590~600nm					
					White		2600~2800K					
							2800~3200K					
							4000~4500K					
							5500~6000K					

Top View Neon Flex Tube

Dimentions (mm)

16.0

17.0

continuous length: 20M. power on both ends

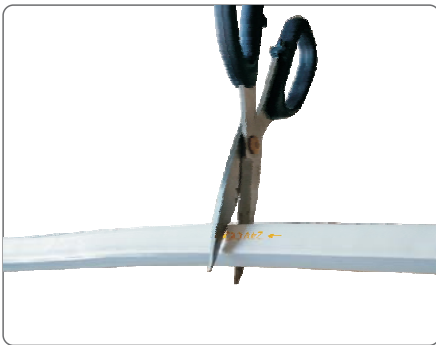## Aluminium Chanel Drawing (mm)

17.2

16.5

18.8

5.0

1000
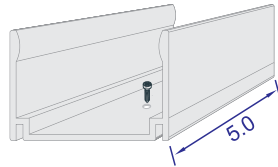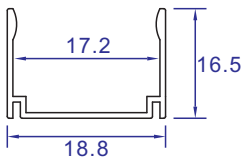
Aluminum Mounting Clip
Length: 5cm
Holes: 2
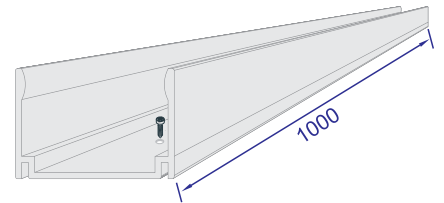
Aluminum Mounting Channel
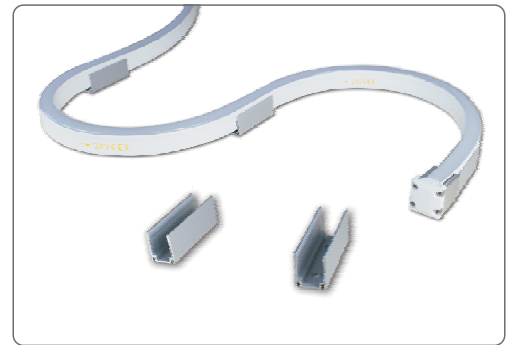Length: 100cm
Holes: 2

Every meter of aluminum channel has 2 screw holes. The installation usually requires installing aluminum channel as the first step, and then insert the LED neon product to the channel.
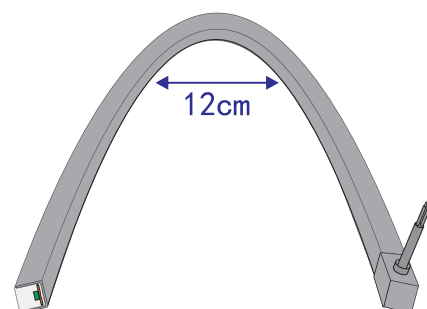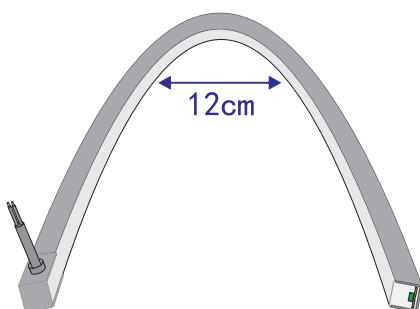
Cutting Mark

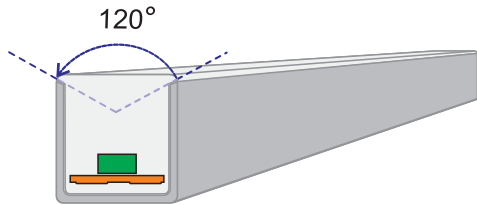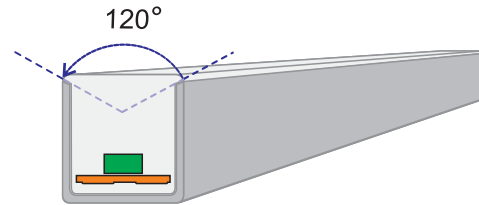Linear Installation

Curve Installation

Bending Direction

12cm

12cm

Top View Neon Flex Tube
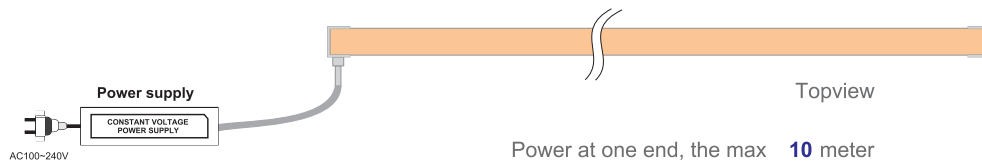
FOLI LED

Illumination Angle

120°

Illumination Angle: 120°

120°

Illumination Angle: 120°

Connect Drawing and connection length

Power supply

CONSTANT VOLTAGE POWER SUPPLY

AC100~240V

Topview

Power at one end, the max **10** meter

Power supply

CONSTANT VOLTAGE POWER SUPPLY

AC100~240V
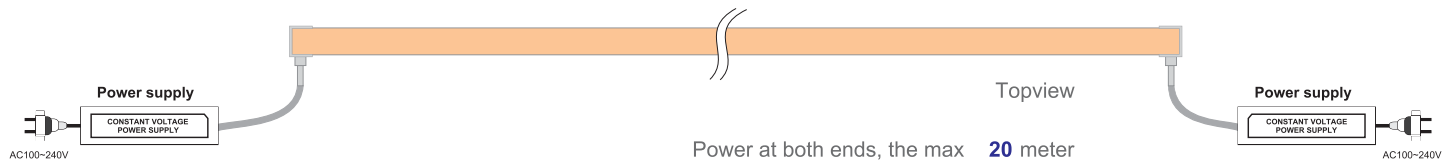
Topview

Power at both ends, the max **20** meter

Power supply

CONSTANT VOLTAGE POWER SUPPLY

AC100~240V

Power supply

CONSTANT VOLTAGE POWER SUPPLY

AC100~240V
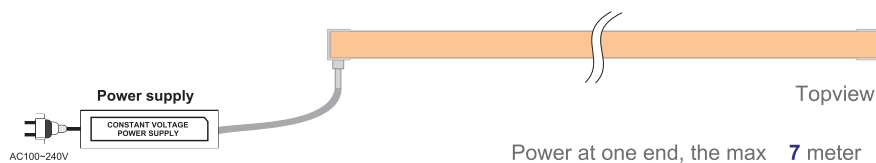
Topview

Power at one end, the max **7** meter

Power supply

CONSTANT VOLTAGE POWER SUPPLY

AC100~240V
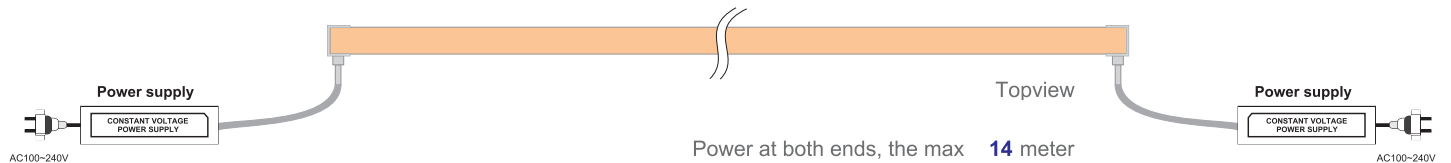
Topview

Power at both ends, the max **14** meter

Power supply

CONSTANT VOLTAGE POWER SUPPLY

AC100~240V

Power supply

CONSTANT VOLTAGE POWER SUPPLY

AC100~240V
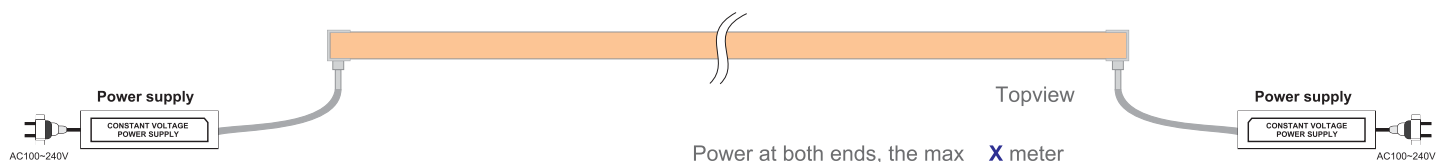
Topview

Power at both ends, the max **X** meter

X=Coutomized Length

Power supply

CONSTANT VOLTAGE POWER SUPPLY

AC100~240V

Power supply

CONSTANT VOLTAGE POWER SUPPLY

AC100~240V

Precautions

Detailed Installation Instruction

-Do not over extend the min. & max. bend radius.
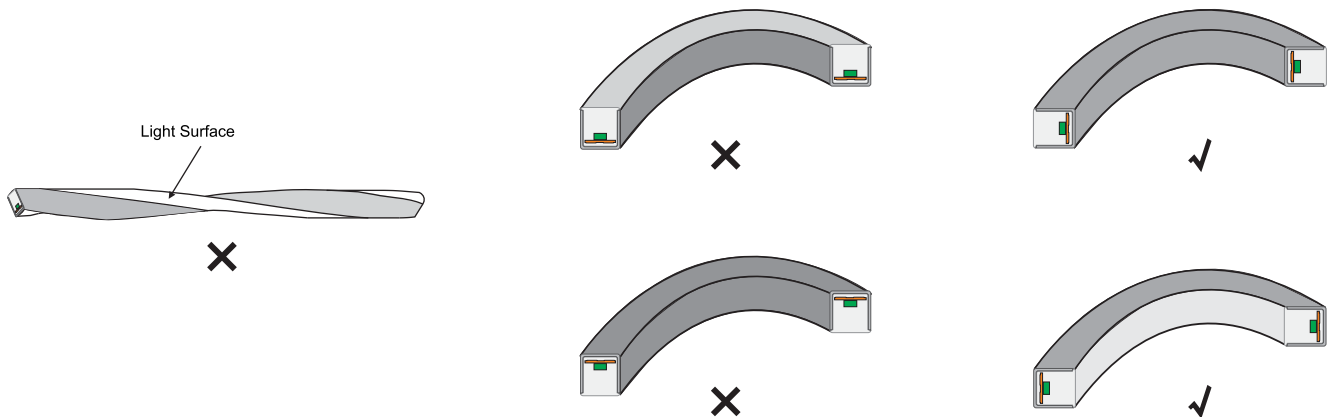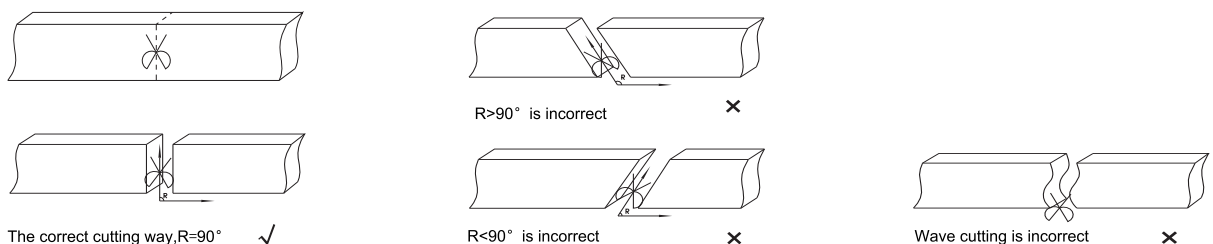-Although products do not generate a great amount of heat, it is recommended that you do not cover or conceal it.
-Do not puncture, cut, shorten or splice LED neon outside of the designated cutting marks.
-Do not route LED flex neon through walls, doors, windows, or building structures.
-Do not roll out LED flex neon on rough surfaces and over sharp corners. This will scratch the PVC optic.
-Do not use the product if outer PVC jacket is damaged, loose connections, or if the wire is visible without insulation.
-Do not secure the product with staples, nails, or like means that might damage the insulation or PVC material.
-Do not installed LED flex neon on/in places where it is subject to continuous flexing.
-Do not operate/run LED flex neon in temperatures exceeding 45C or 115F.
-Do not operate LED flex neon over the specified voltage or LED life degradation will be greatly increased.
-Do not leave any part of the LED flex neon unsecured. Movement over time from weather can cause damage from continuous movement.
-All led neon ip68 rated connectors must be assembled properly to obtain rating.
-Do not reverse polarity when connecting from both ends. This will damage the internal PCB board. Always test connections with your multi-meter.
-Do not energize LED flex neon in the reel package.
-LED flex neon can be cut only where marked. Look for "Dotted Line" or "Scissor Mark".
Cutting outside of the specified mark will damage the light.
_Do not cut while the LED flex neon is connected with power.
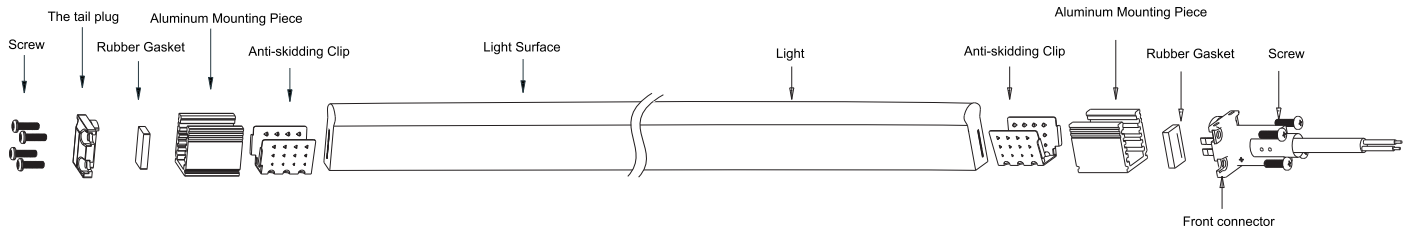
Accessory assembling

Bending direction : UP and DOWN

Light Surface

✕

✕

✓

✕

✓

Cutting method

The correct cutting way,R=90° ✓

R>90° is incorrect ✕

R<90° is incorrect ✕

Wave cutting is incorrect ✕

Top View Neon Flex Tube

Accessories (assembling of diy accessory)

Screw The tail plug Rubber Gasket Aluminum Mounting Piece Anti-skidding Clip Light Surface Light Aluminum Mounting Piece Anti-skidding Clip Rubber Gasket Screw Front connector

Step-1	
Step-2	
Step-3	
Step-4	
Step-5	
Step-6	