SurMountor

360° Silicone Extrusion Round Neon Tube

Model No.: ND24D

Indoor | IP65 | Flame Resistant | UV Resistant | Solvent Resistant

CE | RoHS | 3 Years Warranty | Twistable Bendable

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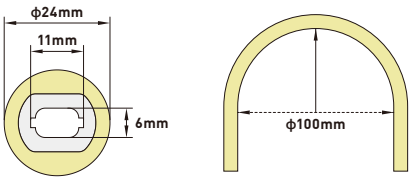
< Features

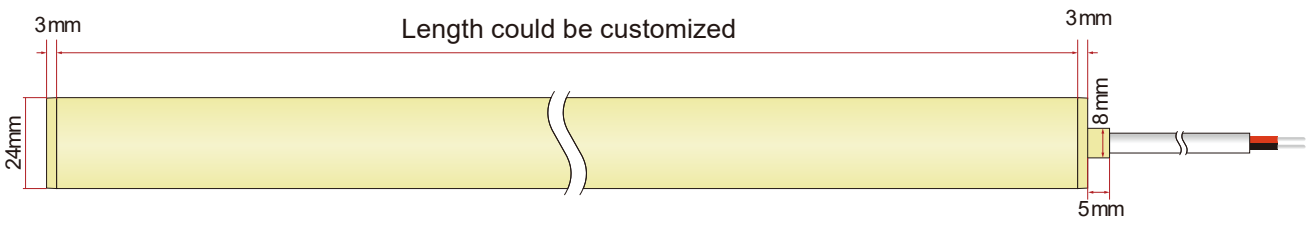
- New technology silicone extrusion, 360° beam angle, uniform light emission and no light spots.
- Unique extrusion process and design can be bent arbitrarily
- Operating/storage temperature. Ta: -25~55℃ / 0℃~80℃
- Environmental characteristics: salt solution resistance, acid and alkali resistance, corrosion resistance, flame retardant resistance.
- IP rating: silicone extrusion, IP65 protection
- Flexible material to make different shapes, more possibilities for LED aesthetics.
- CE, RoHS certification, longer life time, 3 years warranty



< Specifications

Model No.	ND24D
Size	ϕ24mm
Material	Silicone
Light transmittance	75%
Extrusion process	Dual color extrustion
PCB limited (mm)	10mm
Weight/m	580g
IP Rating	IP65
Working temperature	-25~80℃
Beam angle	360°
Bending diameter	ϕ100mm
Warranty	3 years
Application	Office / Home / Hotel / Exhibition / Hall

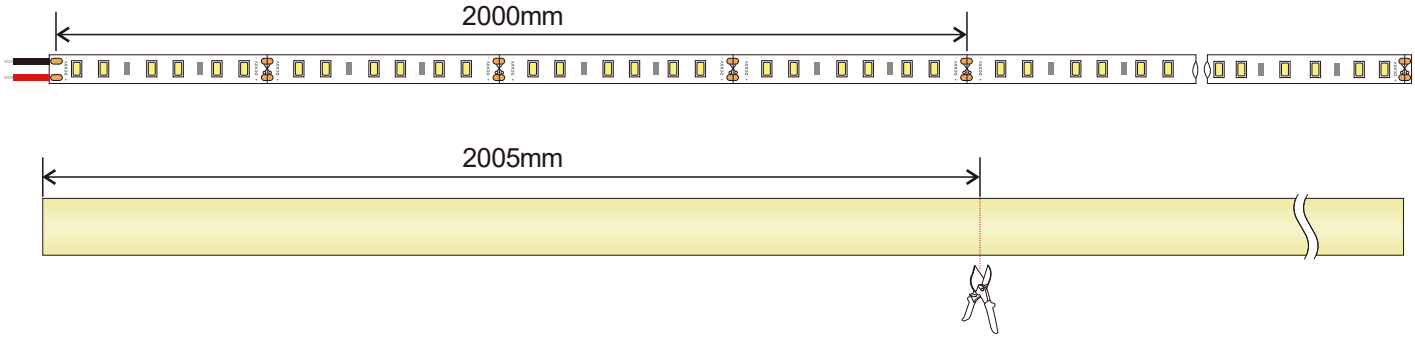
< Dimension



< Cutting guidance

Note: The cutting length of the neon tube should be within 5mm longer than the LED Strip.

eg. If the length of LED strip is 2m, the cutting length of the neon tube should be 2m-2.05m.



< Recommended Led Strip parameters

(1) ND24D WHT

SMD 2835-120-24V-10									
Part number	Color	Lumen/M	Unit cut	Cut every (LEDS)	LED Qty/M	Voltage	Power/M	PCB Width	Packing/M
ND24D-WHT	WW	1300	50mm	12	240	24V	19.2W	10mm	5 Meters/reel
	NW	1370							
	CW	1350							

(2) ND24D TW

SMD 3527-120-24V-10									
Part number	Color	Lumen/M	Unit cut	Cut every (LEDS)	LED Qty/M	Voltage	Power/M	PCB Width	Packing/M
ND24D-TW	WW	580	50mm	12	240	24V	9.6W	10mm	5 Meters/reel
	CW	630					9.6W		
	WW+CW						19.2W		

(3) ND24D RGB

SMD 3838RGB-120-24V-10									
Part number	Color	Lumen/M	Unit cut	Cut every (LEDS)	LED Qty/M	Voltage	Power/M	PCB Width	Packing/M
ND24D-RGB	Red	210	50mm	12	240	24V	9.6W	10mm	5 Meters/reel
	Green	585					9.6W		
	Blue	140					9.6W		
	RGB						28.8W		

(4) ND24D RGBW

SMD 4040RGBW-120-24V-10									
Part number	Color	Lumen/M	Unit cut	Cut every (LEDS)	LED Qty/M	Voltage	Power/M	PCB Width	Packing/M
ND24D-RGBW	Red	162	50mm	12	240	24V	8W	10mm	5 Meters/reel
	Green	510					8W		
	Blue	110					8W		
	WW	785					16W		
	NW	830					16W		
	CW	816					16W		
	RGBW						40W		

(5) ND24D RGBIC

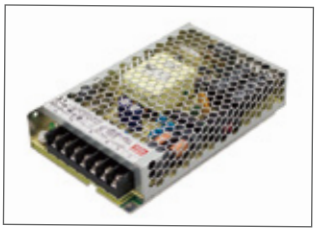
SMD 3838RGBIC-120-24V-10									
Part number	Color	Lumen/M	Unit cut	Cut every (LEDS)	LED Qty/M	Voltage	Power/M	PCB Width	Packing/M
ND24D-RGBIC	Red	260	50mm	12	240	24V	12W	10mm	5 Meters/reel
	Green	730					12W		
	Blue	170					12W		
	RGB						36W		

< Driver & Cotronller

Order code: XLG-150-24-A
AC100-305V DC24V 150W
IP67, Global certification.
Non Dimmable.

Order code: ELG-150-24B
AC100-305V DC24V 150W
IP67, Global certification
3in1 dimming function: 0-10Vdc,
10V PWM signal and resistance.

Order code: ELG-150-24DA
AC100-305V DC24V 150W
IP67, Global certification
Dali control technology.



Order code: ELG-150-24DA
AC100-305V DC24V 150W
IP67, Global certification
Dali control technology.

SD Card programe controller.
SMD Capacity supports

For RGB IC- SP105E Magic
controller *For more info please

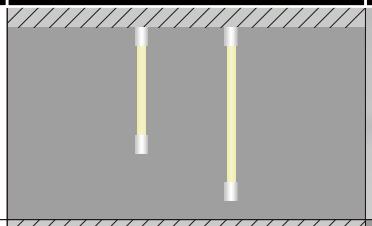
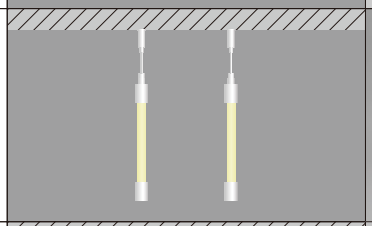
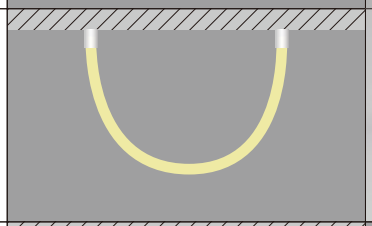
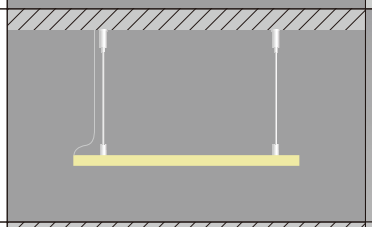
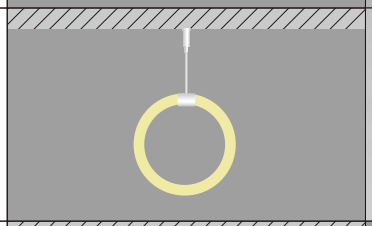
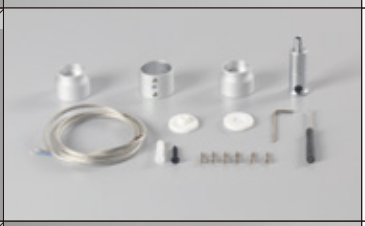
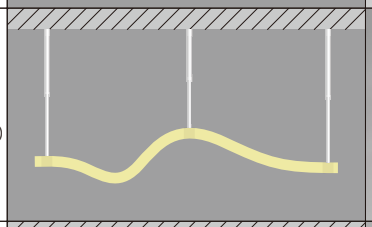
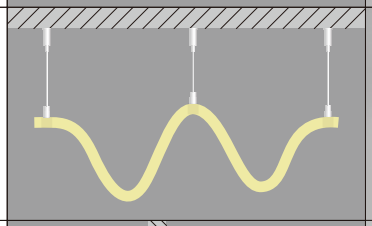
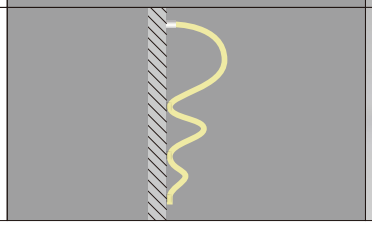
RGB+W controller: 4 Channel
DC12V/24V, 6A, RGB+W, RF
remote with finger touch ring.

RGB Controller: 3 Channel
DC12V/24V, 6A RGB controller,
RF remote with finger touch ring. .

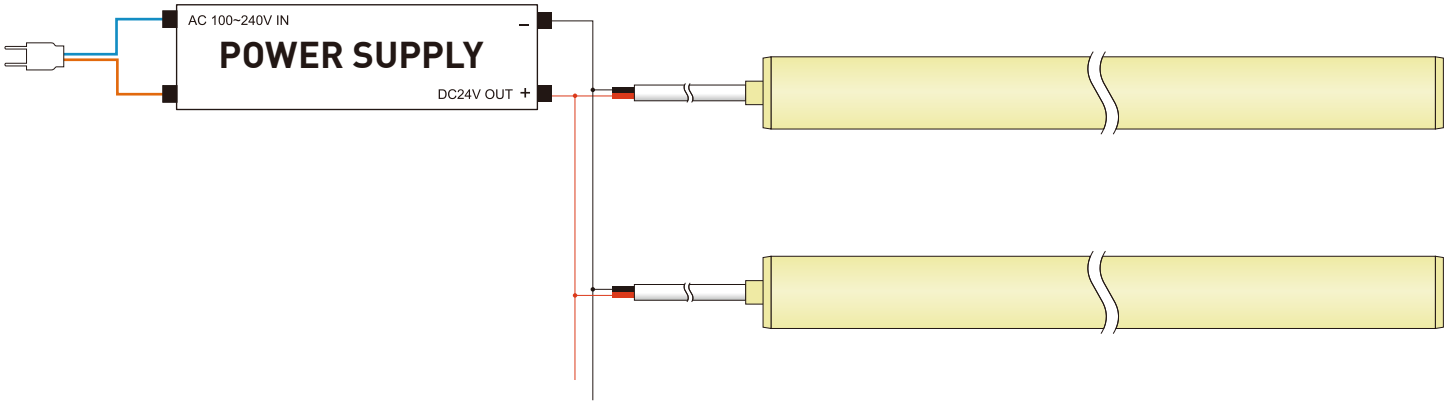
Dimmer:1 Channel DC12V/24V,
6A, Dimmer, RF remote with
finger touch ring.

CCT Adjustable- 2 Channel
DC12V/24V,6A, CCT adjustable,
RF remote with finger touch ring.

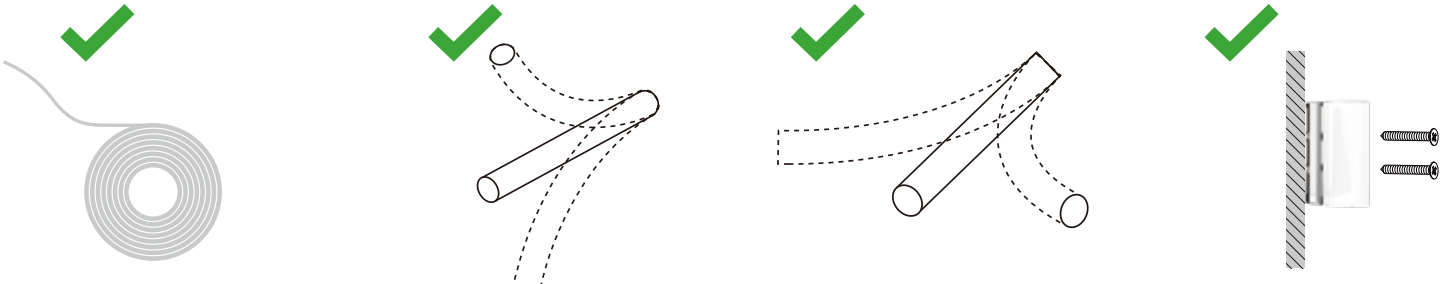
< Accessories

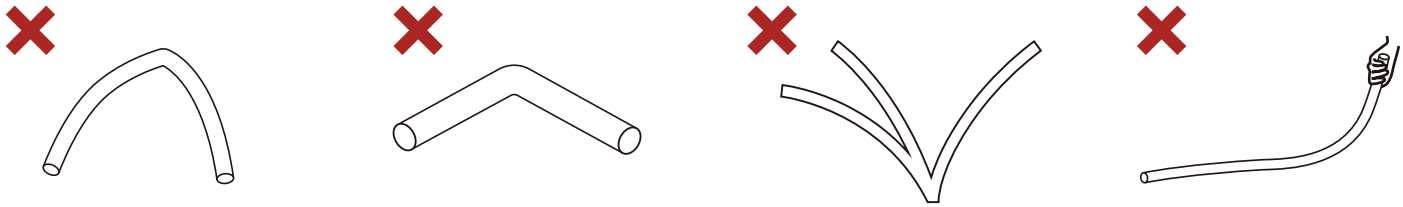
Model No.	Application	Accessories picture	Packing List	Accessories list
AS-ND24D-A (Vertical ceiling)			**Quantities** 20set **N.W** 0.35KG **Total weight** 8.2KG **Package size** L1070*W180*H145	1 meter round PC tube 1 pc Vertical Ceiling installation aluminum end cap 2 pcs fixed aluminum end caps 1 pc aluminum end cap without hole 2 pcs silicone end caps (1pc with hole, 1pc without hole) 8 pcs screws 2 pcs white plastic anchors 1 pc Phillips screwdriver 1 pc M4 hexagonal wrench
AS-ND24D-B (Vertical hoisting)			**Quantities** 20set **N.W** 0.45KG **Total weight** 10.2KG **Package size** L1070*W180*H145	1 meter round Plastic tube 1 pc Vertical Hoisting installation aluminum end cap 1 pc 1 meter Conductive Steel Rope with cable inside 1 pc aluminum end cap without hole 2 pcs silicone end caps (1pc with hole, 1pc without hole) 7 pcs screws 1 pc white plastic anchors 1 pc Phillips screwdriver
AS-ND24D-C (Double-head ceiling)			**Quantities** 73set **N.W** 0.11KG **Total weight** 9.2KG **Package size** L468*W375*H237	2 pcs Vertical Ceiling installation aluminum end caps 2 pcs fixed aluminum end caps 2 pcs silicone end caps (1pc with hole, 1pc without hole) 10 pcs screws 4 pcs white plastic anchors 1 pc Phillips screwdriver 1 pc M4 hexagonal wrench
AS-ND24D-D (Horizontal hoisting)			**Quantities** 20set **N.W** 0.34KG **Total weight** 8KG **Package size** L1070*W180*H145	1 meter round Plastic tube assembled with hanging clips 2 pcs steel rope with copper bolts 2 pcs screws for steel rope bolts 2 pcs silicone end caps (1pc with hole, 1pc without hole) 2 pcs white plastic anchors
AS-ND24D-E (Round hoisting)			**Quantities** 73set **N.W** 0.1KG **Total weight** 8.5KG **Package size** L468*W375*H237	2 pcs thread locker 2 pcs side outlet aluminum end caps 2 pcs silicone end caps without hole 7 pcs screws 1 pcs plastic anchors 1 pc Phillips screwdriver
AS-ND24D-F (Telescopic rod ceiling)			**Quantities** 24set **N.W** 0.17KG **Total weight** 5.2KG **Package size** L400*W180*H145	1 set of assembled telescopic rods (the telescopic distance can be adjusted between 300MM-600MM) 1 pc white plastic anchors 1 pc screw
AS-ND24D-G (Steel Rope Ceiling)			**Quantities** 146set **N.W** 0.05KG **Total weight** 8.5KG **Package size** L468*W375*H237	1 pc 1.5m assembled steel rope (including 30MM round PC tube + 30MM PC clips + 2pcs opper bolts) 1 pc screw 1 pc white plastic anchors
AS-ND24D-H (Wall Mounting)			**Quantities** 73set **N.W** 0.09KG **Total weight** 7.7KG **Package size** L468*W375*H237	1 pc Vertical Ceiling installation aluminum end cap 1 pcs fixed aluminum end cap 2 pcs silicone end caps (1pc with hole, 1pc without hole) 3 pcs 30MM PC clips 11 pcs screws 2 pcs white plastic anchors 1 pc Phillips screwdriver 1 pc M4 hexagonal wrench

< Controller wiring diagram



< Installation of clip





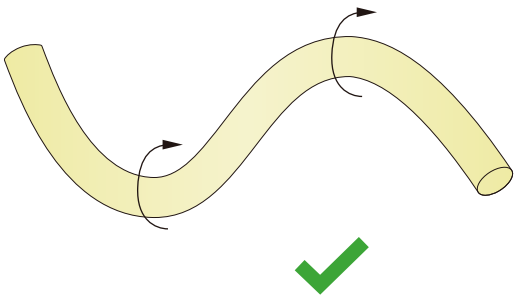
Do not twist it or bend reversely

Do not bend at right angles

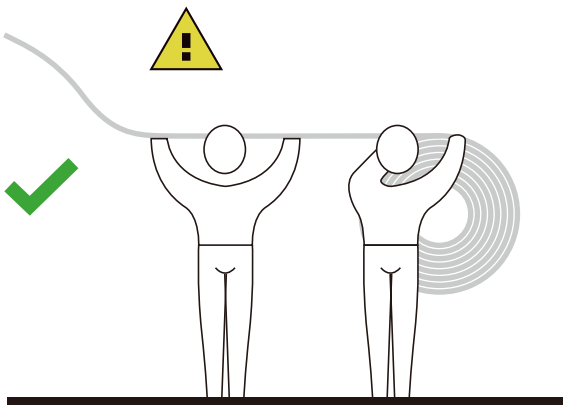
Do not bend many times ,for it can endanger electronic lines.

Do not throw or pull when taking products

< Installation/Usage Precautions

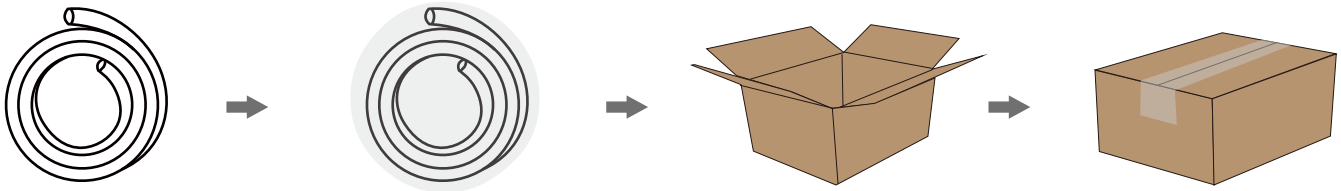


Bending diameter should be more than ϕ100mm



If the length of LED strip is over 2m, it is recommended to install by two persons.

< Package of Silicone tube (25M/Roll)



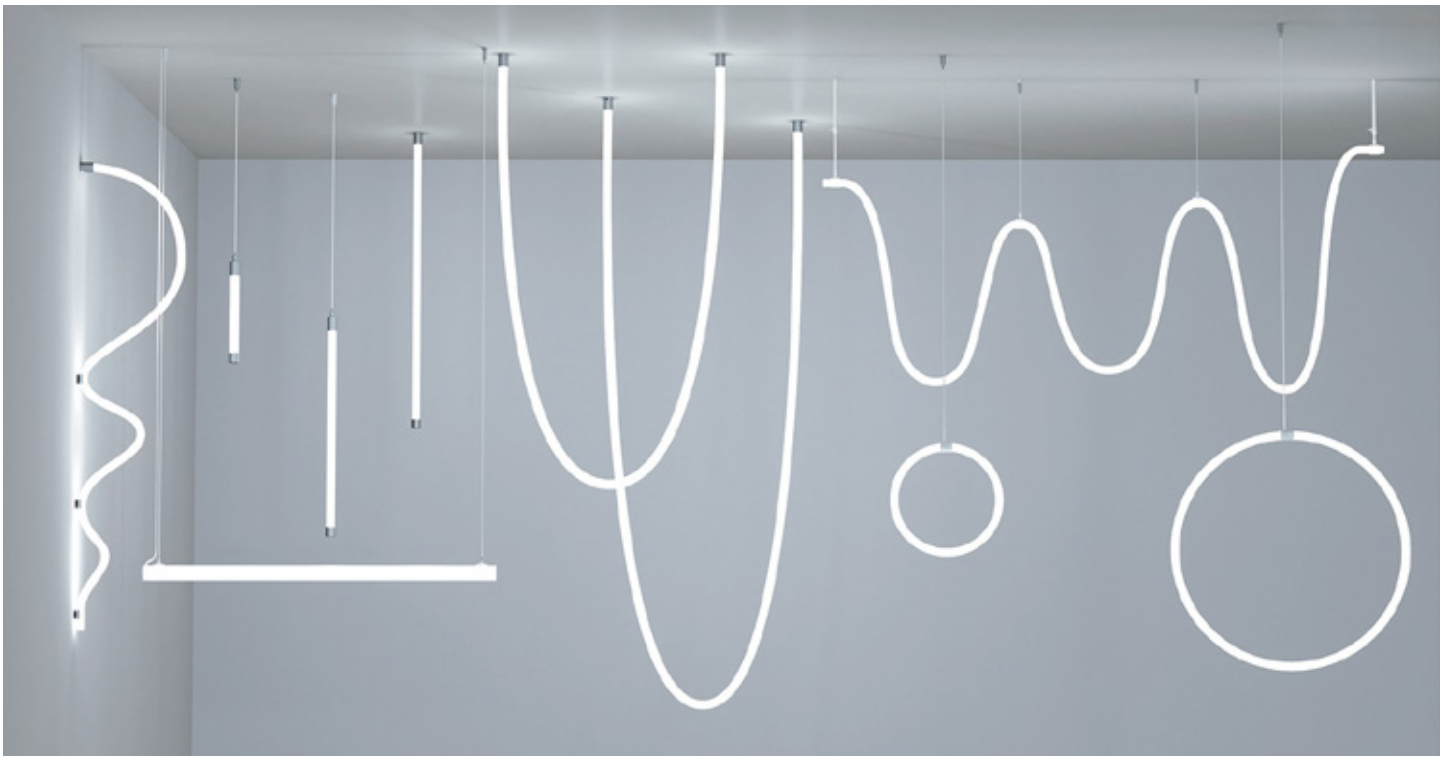
25m/Roll

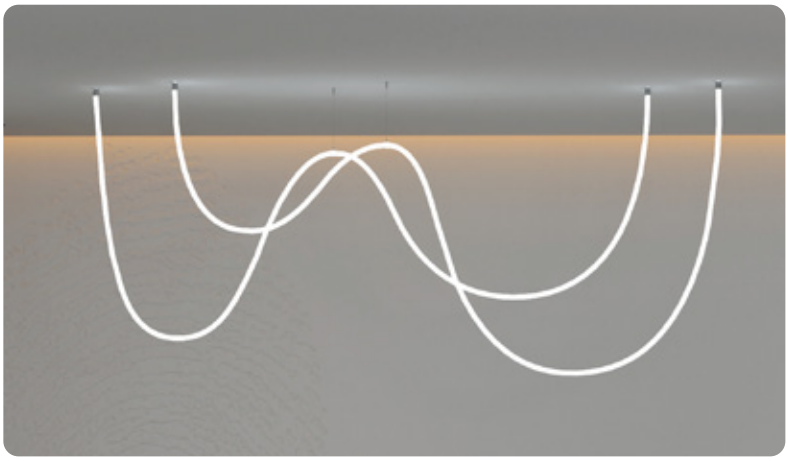
Each roll packs with expandaple polyephylene and compression film to fix.

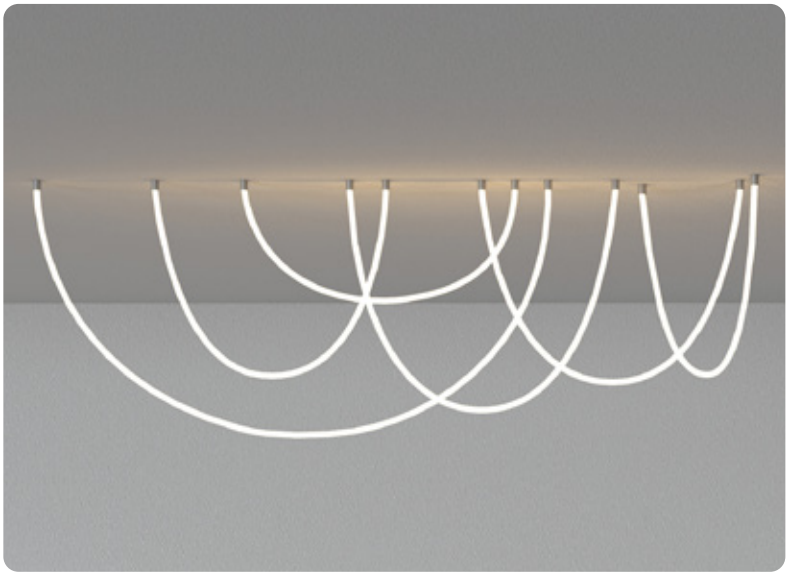
1Roll/Carton

Inner size:
L400*W400*H190

< Application







< Cautions

- Please do not touch the AC power terminal when the power supply is connected in case of the electric shock.
- Please pay attention to the positive and negative poles of the power cord in connection.
  (The voltage of the power supply and the product should be same so as to avoid damage of the product)
- When installing, no scratching, twisting and irregular bending of the product.
- To guarantee the lifetime and reliability of the light strip, please do not bend it in an arc with a semi-diameter of 100mm or less.
- If the actual application length exceeds the standard length, it will cause overload, heat, and uneven brightness to happen to the LED strip.
- In order to protect your eyes, please do not look at the light-emitting surface of the light strip for a long time.
- Non-professionals are prohibited from installing, disassembling and repairing the product.
- It is highly prohibited to use any acidic or alkaline adhesives to fix the product (including but not limited to glass glue, etc.).
- Please use professional cutting tools when you are cutting.