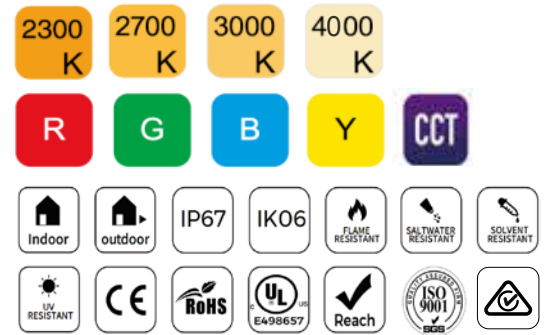


Planar Neon Series Flexi NS0410 (Side Bend)



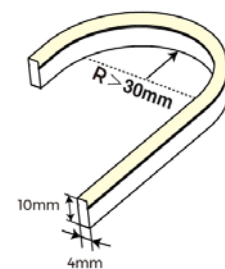
▼ Features

- ※ Light source: High luminous efficiency, LM80 test proved.
- ※ Process & Material: High light transmittance, environmental silicone material, integrated extrusion molding technology, IP67.
- ※ Optical Design: Unique optical light distribution structure design, uniform lighting surface and no shadow.
- ※ Appearance Design: Compared with the traditional neon tube or PVC guardrail tube, the silicone material has good flexibility, the simple and stylish appearance, which is exquisite and unique.
- ※ Product Certification: UL, CE, ROHS, SAA.
- ※ Environmental Features: Resistance to saline solutions, acids & alkali, corrosive gases and UV.
- ※ Working/Storage Temperature: Ta: -30~55°C / 0°C ~ 60°C.
- ※ Life Span: 50000H, 5 years warranty.

▼ Application

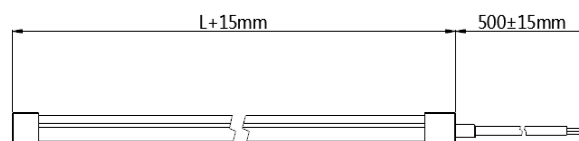
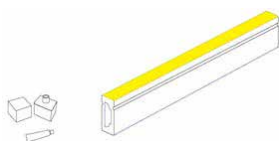
- ※ Signage lighting
- ※ Outdoor/indoor lighting

▼ Bending Application



▼ IP Process & Structure Parameters

Silicone End-Cap



Planar Neon Series Flexi NS0410 (Side Bend)

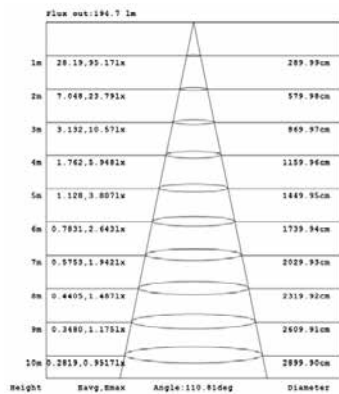
▼ Basic Parameters

Model	CCT/colours	CRI	Input voltage (V)	Rated current (A)	Rated power (w)	Lumens (LM)	Size (mm)	Max.length	Cutting unit (mm)
GCFLE-7.2W-S-NS0410	2300K	>90	12V/24V	0.6A/0.3A	7.2	240	W4*H10	5000mm	17.86 (12V) 41.66 (24V)
	2700K					240			
	3000K					240			
	4000K					270			
GCFLE-7.2W-RGBY-NS0410	R 620-630nm G 525-530nm B 465-470nm Y 587-592nm	/				/			
GCFLE-7.2W-CCT-NS0410	2300K~4000K	>90				170		15.625 (12V) 31.25 (24V)	

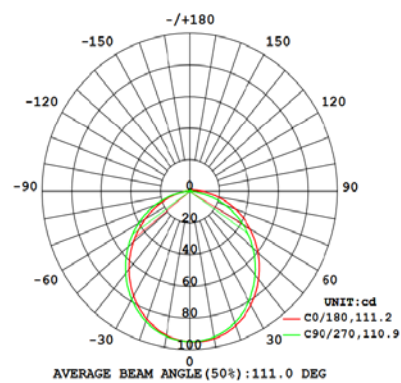
Note :

1. The above data is the testing result of 1M standard product;
2. The power and lumens of output data can be vary up to $\pm 10\%$;
3. The above parameters are all typical values.

▼ Light Distribution



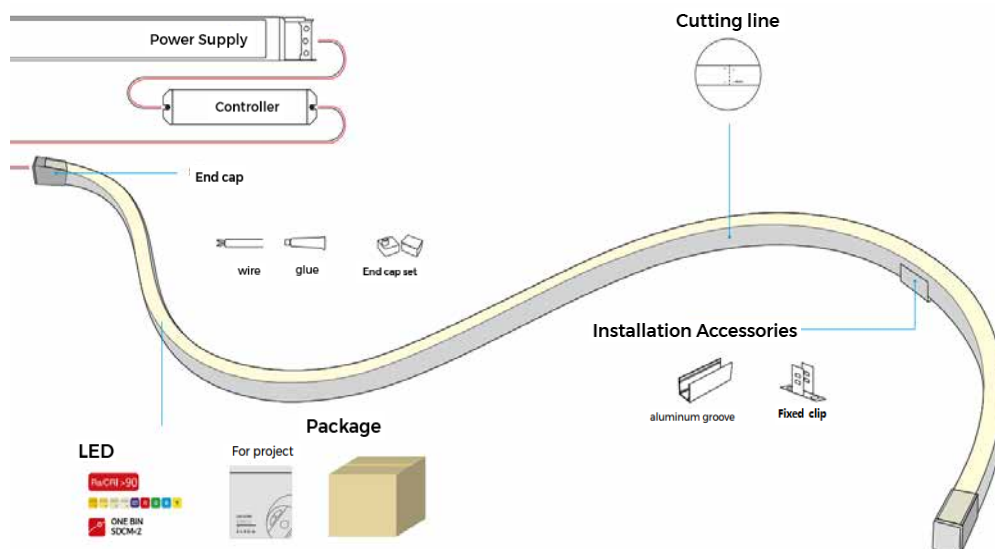
Effective average illuminance



Light distribution


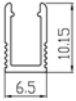

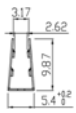

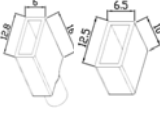









Note: The above data is the testing result of CCT 4000K.

▼ System Solution





Planar Neon Series Flexi NS0410 (Side Bend)

▼ Accessory Information

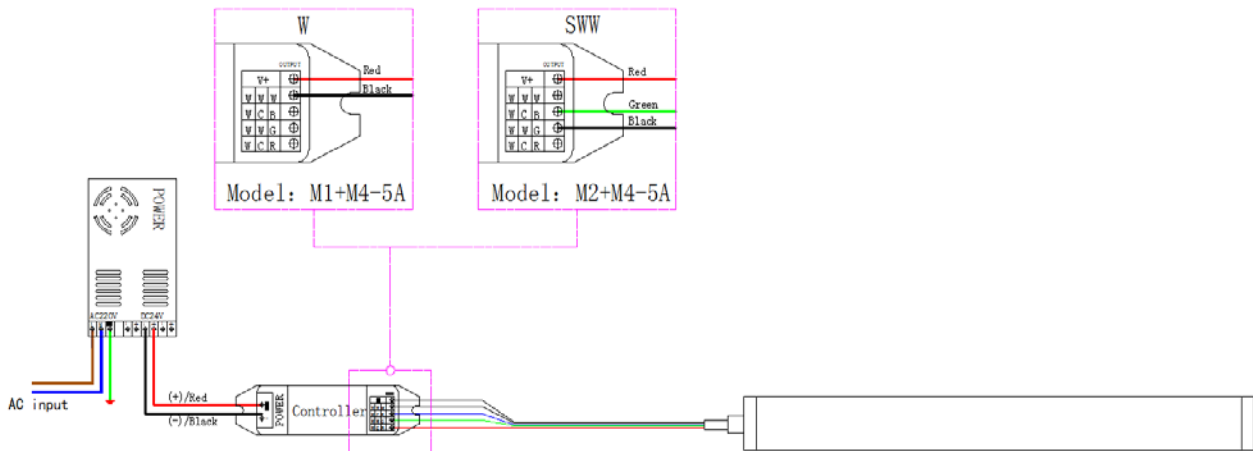
Name	Description	Image	Sectional size	Ordering code	Product quantity/case (PCS)	Product quantity/case (kg)	Net weight per box (kg)	Gross weight (kg)	Gross weight (mm)	Remark
Alumina carrier	Flat mounting aluminum groove			GC-NMS0410A-1000	30	0.06	1.8	2.85	1180*115*115	Size : L1000*W6.5*H10.1mm
Fixed clip	Fixed clip, 0.3mm stainless steel, sprayed with white paint on the surface			GC-NMS0410S-18	2000	0.0006	1.2	1.5		Size : L18*W5.4*H9.9mm , with screws
End cap set	End cap set, including end cap and plug			GC-NMS0410GH0-EC	400	0.0035	1.4	1.7		/
wire	2P PVC wire (0.5M)		/	GC-WS-0005	150	0.0128	1.92	2.22	250*250*150	Suitable for single colour strip
wire	2P PVC wire (2M)		/	GC-WS-0006	125	0.0512	6.4	6.7		
wire	3P PVC wire (0.5M)		/	GC-WS-0017	150	0.0154	2.31	2.61		Suitable for SWW strip
wire	3P PVC wire (2M)		/	GC-WS-0018	125	0.0616	7.7	8		Suitable for single colour strip
wire	2P JST wire (0.2M)		/	GC-FC-0007	100	0.015	1.5	2		Suitable for SWW strip
wire	3P JST wire (0.2M)		/	GC-FC-0008	100	0.015	1.5	2		10ml/pcs
Glue	588G acidic glue		/	GC-PG-0002	150	0.014	2.1	2.4		
Connector	2PIN IP68 waterproof connector		/	GC-FC-0001	512	0.016	8.192	9.5	365*365*190	Suitable for single colour strip
Connector	3PIN IP68 waterproof connector		/	GC-FC-0002	512	0.018	9.216	10.2		Suitable for SWW strip

▼ Product Control System Solution

Name	Model	Ordering code	Parameters	Dimming constant-voltage acceptor	Suitable products
 Single color dimming set	M1+M4-5A	23-01-00-0045	Operating voltage: 3VDC (Battery CR2032) Operating frequency: 433.92MHz Remote control distance: 30m Operating temperature: -30°C 55°C	Input voltage: 12-24VDC Maximum loaded current: 5A*4CH Max 20A Maximum loaded power: 240W/480W(12V/24V) Operating temperature: -30°C 55°C Size: L170*W44*H30(mm) Package size: L228*W155*H32(mm)	White color strip
 CCT set	M2+M4-5A	23-01-00-0005	Operating voltage: 3VDC (Battery CR2032) Operating frequency: 433.92MHz Remote control distance: 30m Operating temperature: -30°C 55°C	Input voltage: 12-24VDC Maximum loaded current: 5A*4CH Max 20A Maximum loaded power: 240W/480W(12V/24V) Operating temperature: -30°C 55°C Size: L170*W44*H30(mm) Package size: L228*W155*H32(mm)	SWW dual CCT LED strip

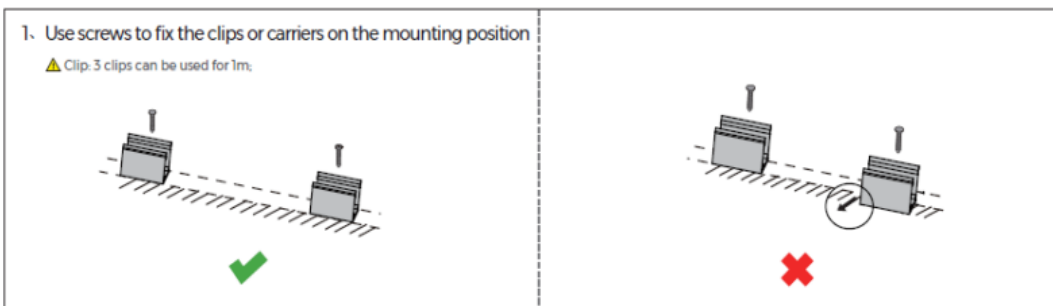
Planar Neon Series Flexi NS0410 (Side Bend)

▼ Wiring Diagram

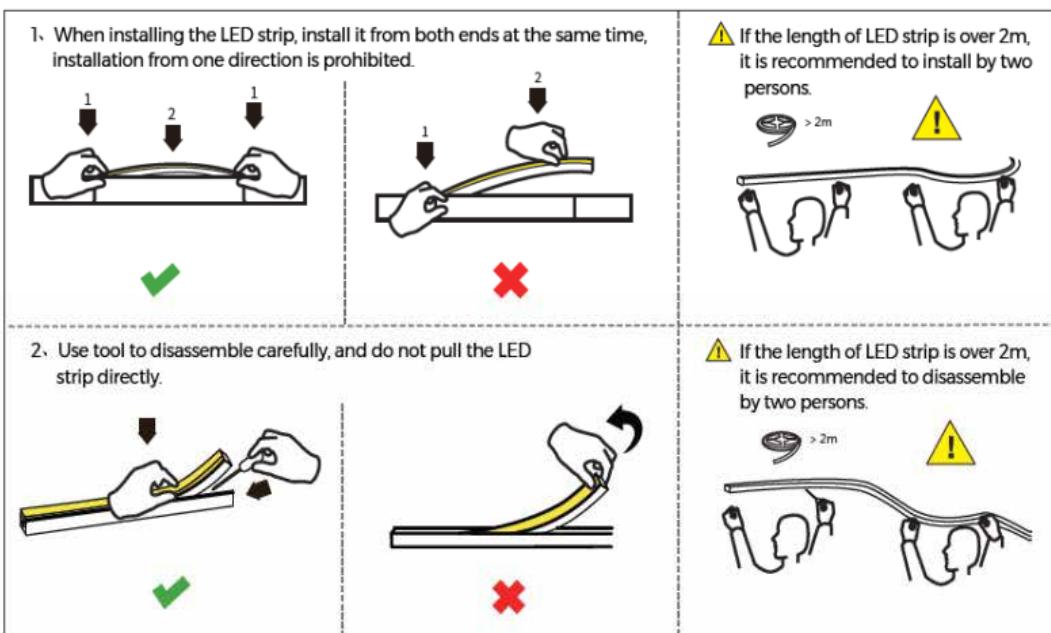


▼ Installation Guidance

Installation of clip



Installation of carrier



Planar Neon Series Flexi NS0410 (Side Bend)

▼ Precautions

- Use a 24V DC isolated power supply to drive the neon lamp strip and the ripple wave of constant voltage source shall be less than 5%. It is not allowed to use RC voltage reduction or non-isolated power supply to drive the neon lamp strip.
- In actual applications, 20% of the power supply shall be kept (only 80% of the power is used) to guarantee that sufficient voltage is available to drive the product.
- Attention shall be paid to safe operation. After powering on, it is not allowed to touch the AC power supply to avoid an electric shock.
- Attention shall be paid to the positive and negative poles of the wires during installation and whether the power supply conforms to required voltages to avoid damages.
- Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- Please do not bend the strip into an arc with a diameter less than 30mm to ensure the longevity and reliability, the bending diameter too small will damage the product.
- If the actual length of application exceeds the specified using length, it will lead to overload heating and uneven brightness.
- To keep the eyes from being harmed, try to avoid staring at the glowing side of the LED strip for a long time.
- Non-professionals are prohibited from installing, disassembling and repairing the product.
- Do not use any acid or alkaline adhesive to fix products (including not limited to glass cement, etc.)
- Products with different IP grade should be used in different environments, the product with IP67 is not suitable for use in water-immersed environment.
- The final colour of products with different sizes and specifications is slightly deviated due to structural differences under the same colour temperature, which should be confirmed before use.

Cutting method

