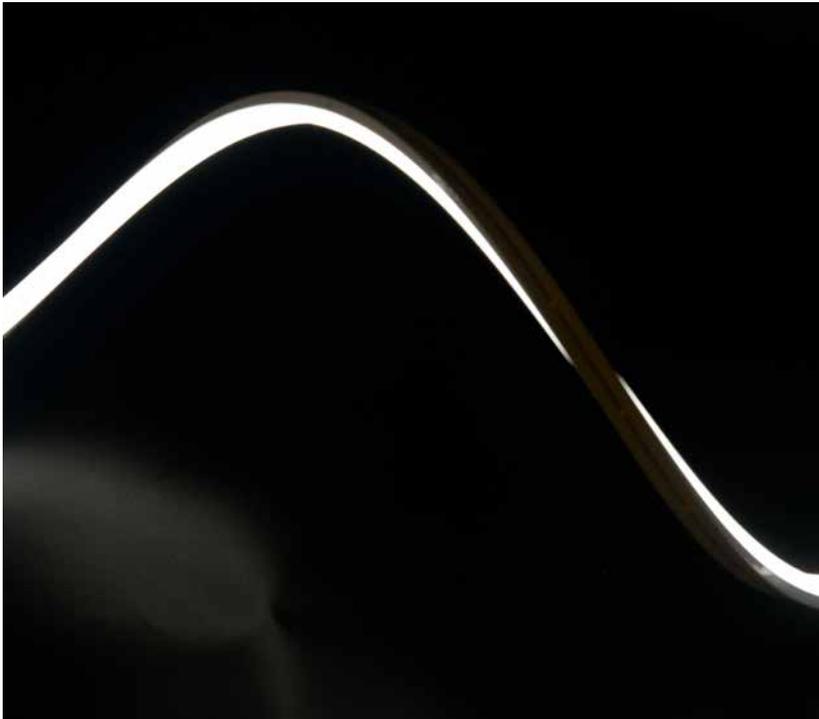


Planar Neon Series Flexi NT1010 (3 Sides)



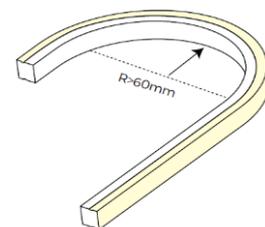
▼ Features

- ※ Light source: High luminous efficiency, SMD2835, LM80 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 well 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

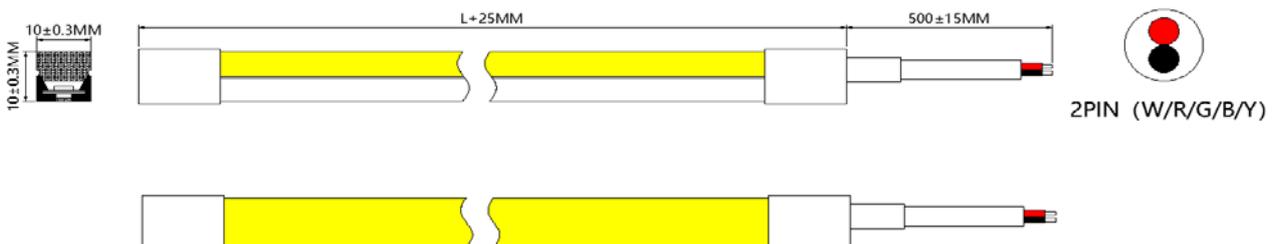
- ※ Furniture supporting lighting
- ※ Outdoor/indoor lighting
- ※ Indoor general lighting

▼ Bending application



▼ Product's protective technology & structure size

IP67 silicone end cap



Planar Neon Series Flexi NT1010 (3 Sides)

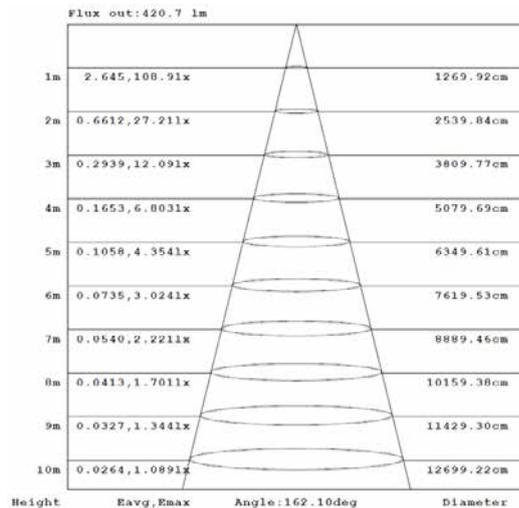
▼ Basic Parameters

Model	CCT/colours	CRI	Input voltage (V)	Rated current (A)	Rated power (w)	Lumens (LM)	Size	Max.length	Cutting unit (mm)
GCFLN-9.6W-N1010 Single Colour	2300K	>90	12	0.8	9.6	500	W10*H10	5000mm	25
	2700K					600			
	3000K					600			
	4300K					650			
GCFLN-9.6W-N1010 RGBY	R 620-630nm	/	12	0.8	9.6	/	W10*H10	5000mm	25
	G 525-530nm								
	B 465-470nm								
	Y 587-592nm								
GCFLN-9.6W-N1010 Single Colour	2300K	>90	24	0.8	9.6	500	W10*H10	5000mm	50
	2700K					600			
	3000K					600			
	4300K					650			
GCFLN-9.6W-N1010 RGBY	R 620-630nm	/	24	0.4	9.6	/	W10*H10	5000mm	50
	G 525-530nm								
	B 465-470nm								
	Y 587-592nm								

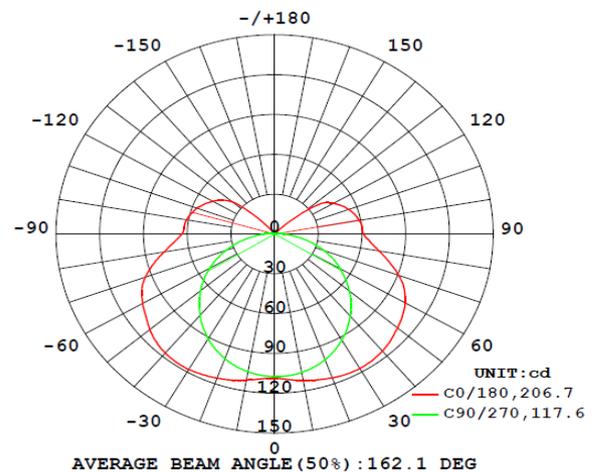
Note:

- 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

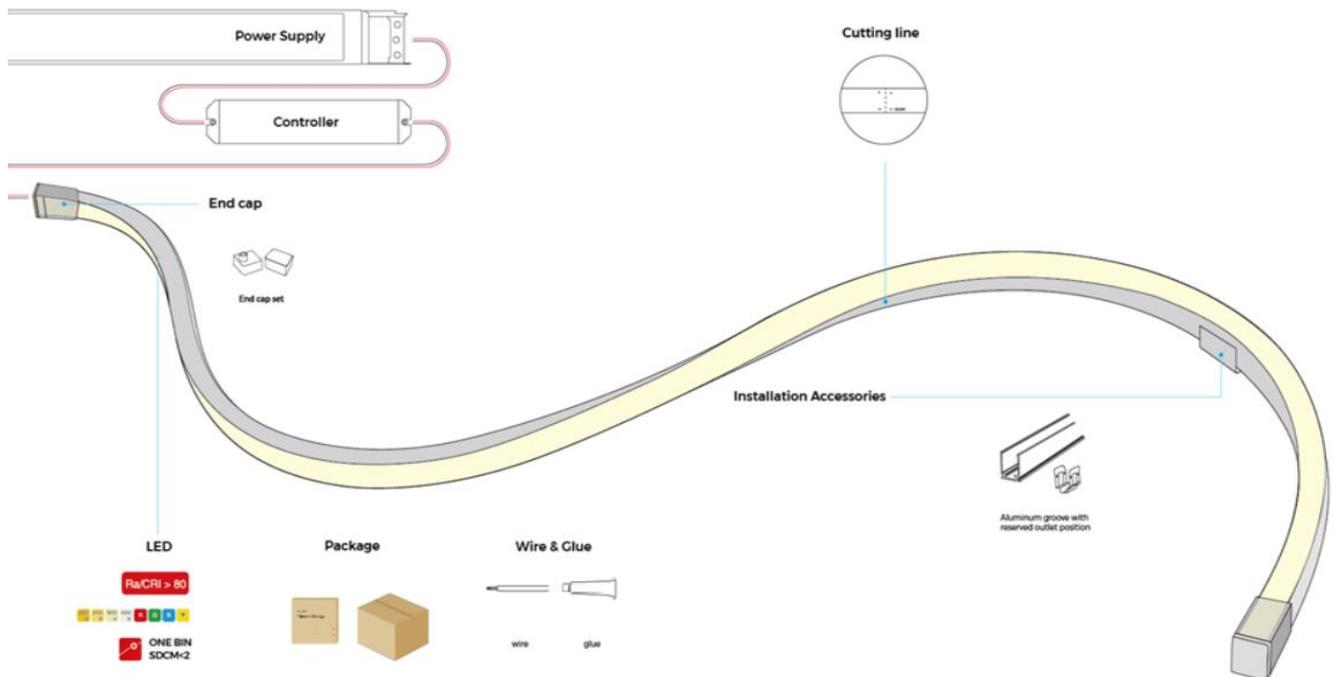


Light distribution

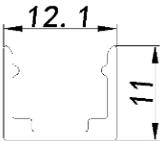
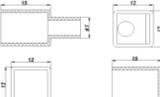
Note: The above data is the testing result of CCT 3000K.

Planar Neon Series Flexi NT1010 (3 Sides)

▼ Product System Solution



▼ 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 slot			GC-NMT1010A-1000	120	0.18	21.6	22.6	1180*1125*115	Size: L1000*W12*H11mm with screws
Aluminium clip	Flat mounting clip			GC-NMT1010A-20	800	0.006	4.8	4.95	250*250*150	Size: L20*W12*H11MM with screw
End cap set	End cap set, including end cap and plug (outlet from the bottom direction)			GC-NMT1010GH0-EC	600	0.003	1.8	2.1	250*250*150	/
Glue	588G acidic glue		/	GC-PG-0001	150	0.014	2.1	2.4	250*250*150	10ml/pcs
Wire	2P PVC wire (0.5M)		/	GC-WS-0001	150	0.01541	2.31	2.61	250*250*150	Suitable for white light strip
Wire	2P PVC wire (2M)		/	GC-WS-0002	125	0.0616	7.7	8	250*250*150	
Connector	2PIN IP68 waterproof connector		/	GC-FC-0001	512	0.016	8.192	9.5	365*365*190	Suitable for white light strip

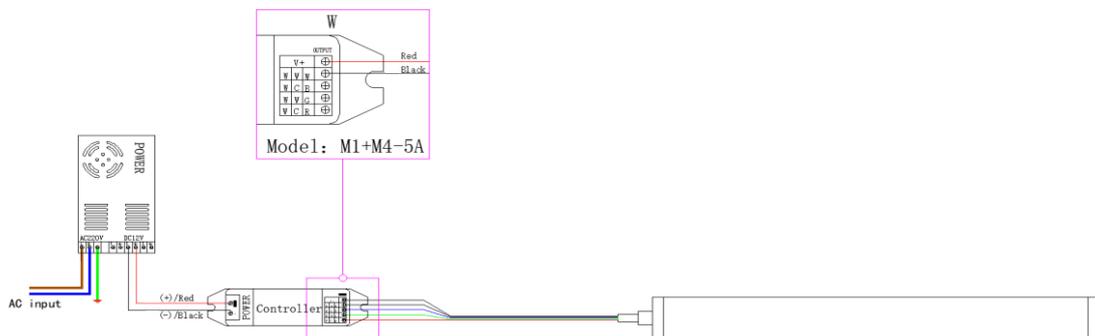
Planar Neon Series Flexi NT1010 (3 Sides)

▼ Product Control System Solution

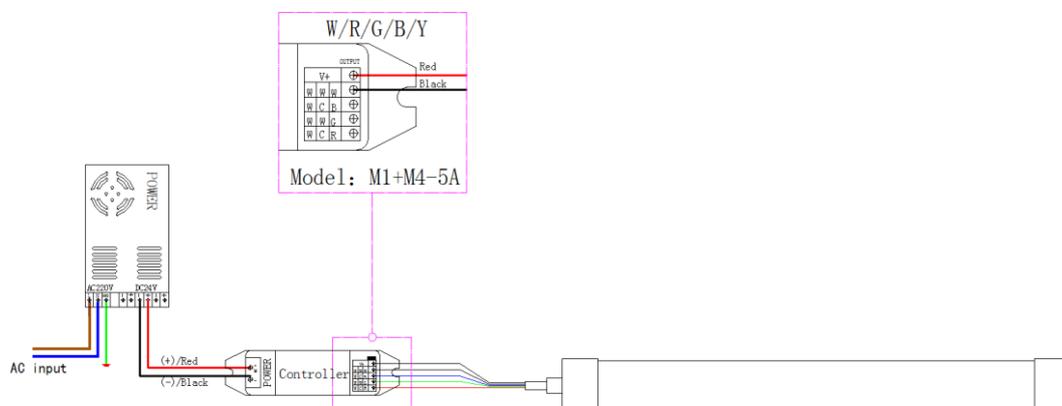
Name	Model	Ordering code	Parameters	Dimming constant-voltage acceptor	Suitable products
 Single color dimming set	M1+M4-5A	23-01-00-0045	Operating voltage: 3VDC (Battery CR2032) Operating frequency: 433.92MHz Remote control distance: 30m Operating temperature: -30°C 55°C	Input voltage: 12-24VDC Maximum 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

▼ Wiring Diagram

DC12V

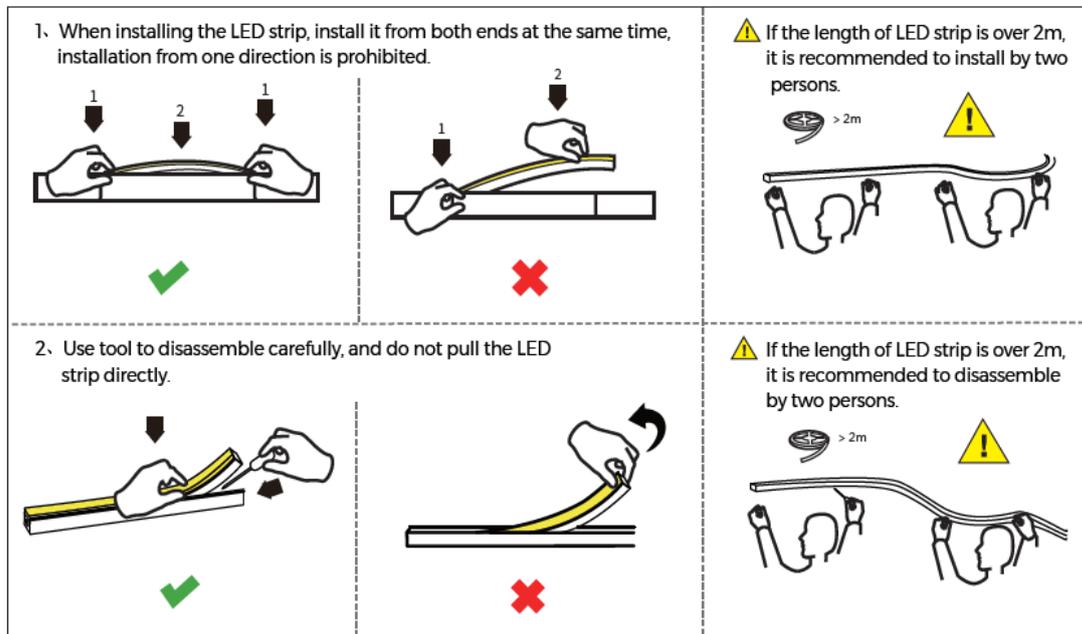


DC24V



Planar Neon Series Flexi NT1010 (3 Sides)

▼ Installation Guidance



▼ 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 safety operating procedures. 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 60mm to ensure the lifespan 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.)
- Product is not suitable for use in swimming pools and fountains.
- Please confirmed before usage, the colour of the product might be slightly different due to their structural differences.
- When IP68 protective products are installed and applied, the waterproofing grade should be degraded after self-processing and cutting.

Cutting method

