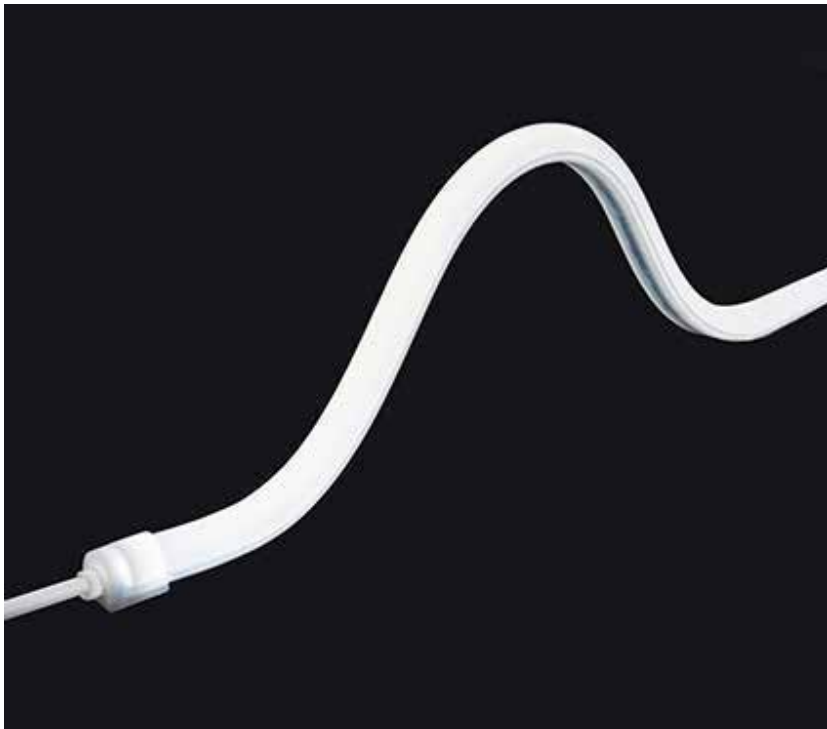


Cambered Neon Series Flexi NT1615 (Top Bend)



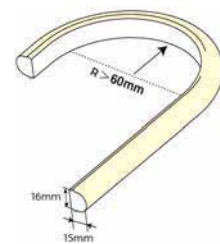
▼ Features

- ※ Light source: High luminous efficiency, SMD2835, 4040, 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 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: -20~55°C / 0°C ~ 60°C.
- ※ Life Span: 50000H, 5 years warranty .

▼ Application

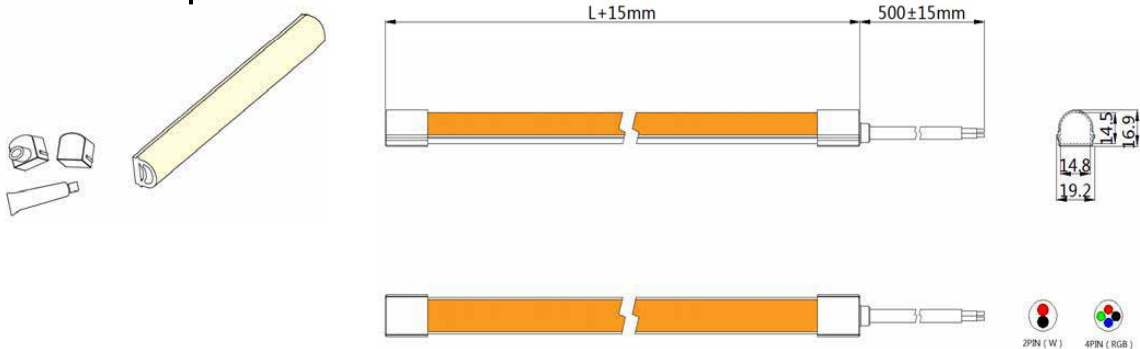
- ※ Signage lighting
- ※ Outdoor/indoor lighting
- ※ Architectural contour lighting

▼ Bending Application



▼ IP Process& Structure Parameters

IP67 Silicone End-Cap



Cambered Neon Series Flexi NT1615 (Top Bend)

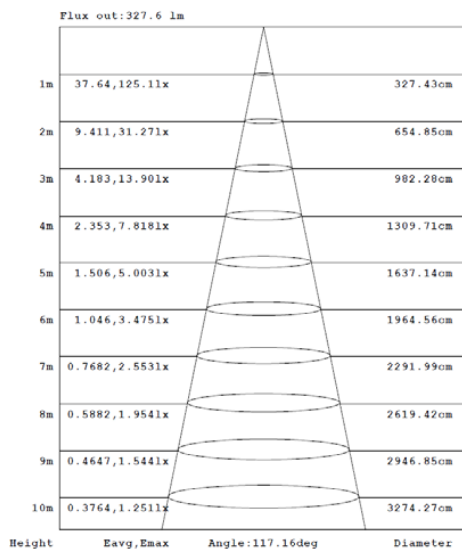
▼ Basic Parameters

Model	CCT/colours	CRI	Input voltage (V)	Rated current (A)	Rated power (w)	Lumens (LM)	Size (mm)	Max.length	Cutting unit (mm)
GCFLE-11W-S-NT1615	2300K	>80	24V	0.459	11	750	W16*H15	15000mm	41.66
	2700K					780			
	3000K					800			
	3700K					820			
	5000K					800			
GCFLE-12W-RGB-NT1615	RGB R 620-630nm G 525-530nm B 465-470nm	/		0.5	12	/		5000mm	50

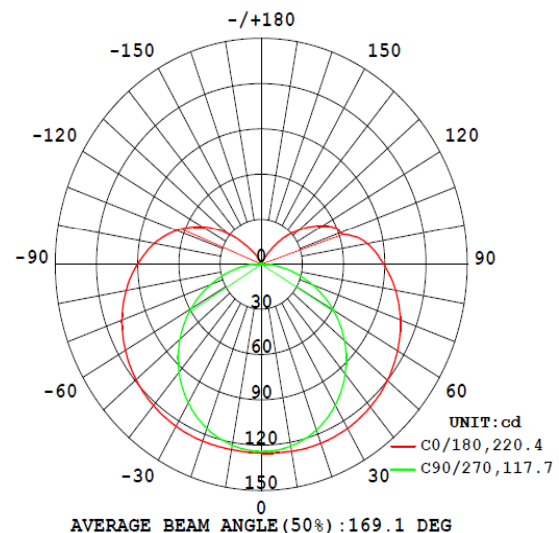
Note :

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

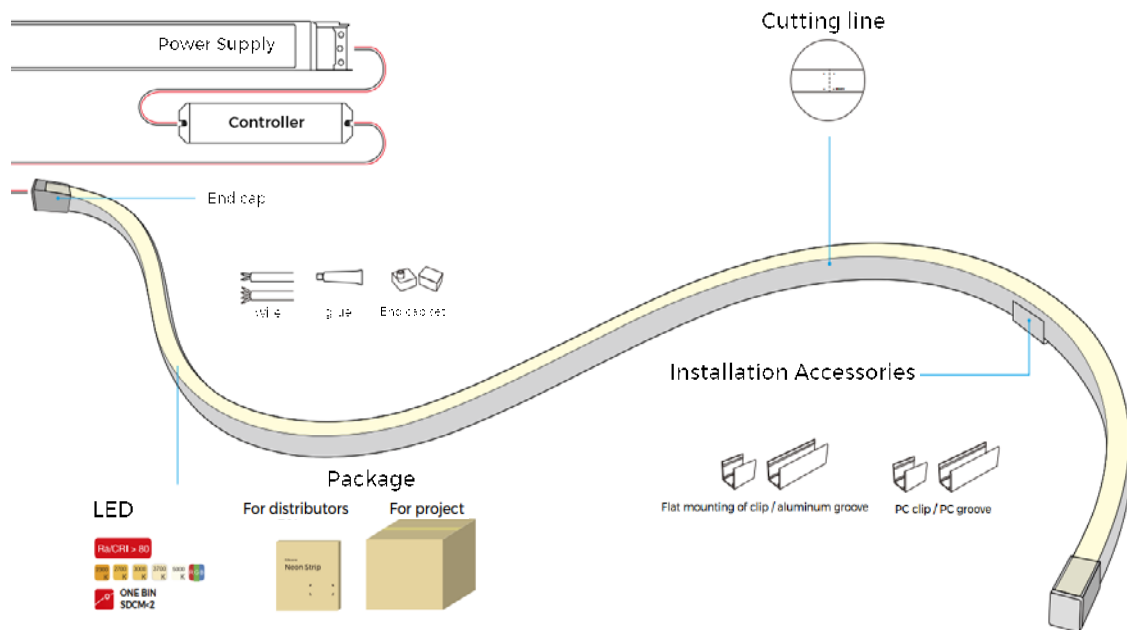
Note: The above data is the testing result of CCT 3700K.

▼ Solution of Control System


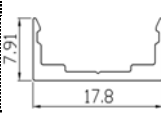

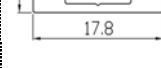

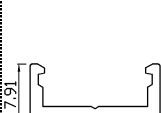



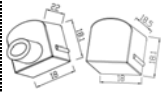







Name	Model	Ordering code	Parameters	Dimming constant-voltage acceptor	Suitable products
 Single color dimming set	M1-M4-5A	23-01-00-0045	Operating voltage: 3VDC (Battery CR2032) Operating frequency: 433.92MHz Remote control distance: 30m Operating temperature: -30°C 55°C	Input voltage: 12-24VDC Maximum 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
 RGB set	M3-M4-5A	23-01-00-0046	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: 6A*3CH Max 18A Maximum loaded power: 216W/432W(12V/24V) Operating temperature: -30°C 55°C Size: L170*W44*H30(mm) Package size: L228*W155*H32(mm)	RGB LED strip

Cambered Neon Series Flexi NT1615 (Top Bend)

▼ System Solution

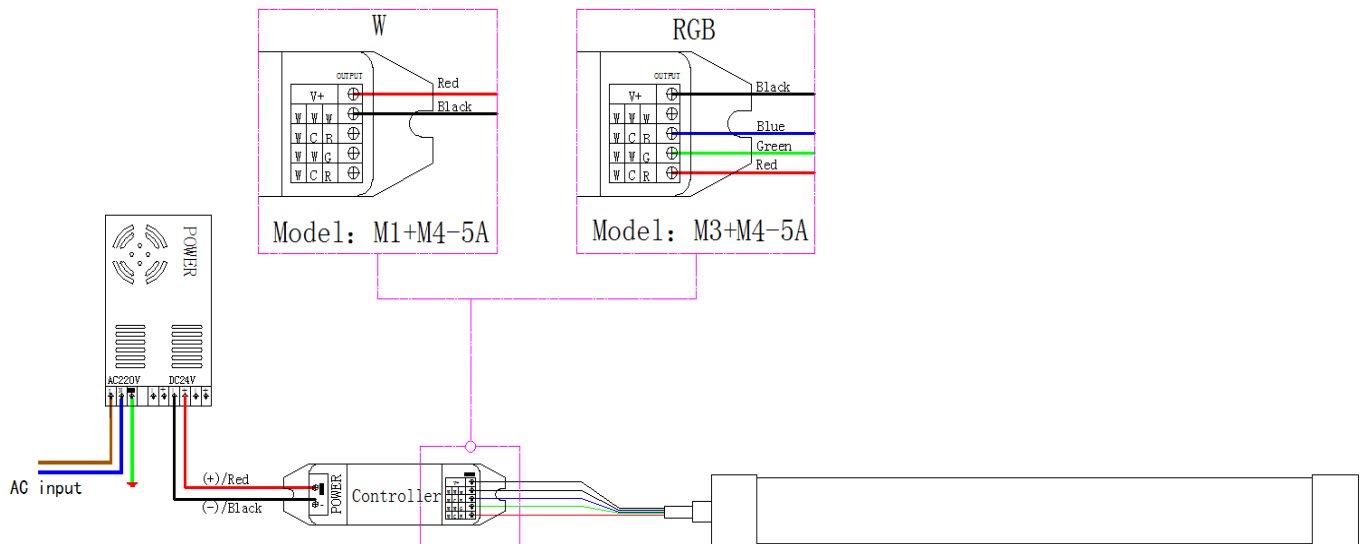


▼ Accessory Information

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 aluminum groove			GC-NNT1615A-1000	40	0.098	3.92	4.97	1200*112*50	Size : L1000*W17.8* H7.9mm , with screws
Aluminum clip	Flat mounting of clip			GC-NNT1615A-25	800	0.0047	3.76	4.06	250*250*150	Size : L25*W17.8* H7.9mm , with screws
PC carrier	Flat mounting PC groove			GC-NNT1615P-1000	40	0.0667	2.668	3.718	1200*112*50	Size : L1000*W19.4* H7.9mm , with screws
PC carrier	Flat mounting of PC clip			GC-NNT1615P-25	800	0.0038	3.04	3.34		Size: L25*W19.4* H7.9mm , with screws
End cap set	End cap set, including end cap and plug			GC-NNT1615GH0-EC	400	0.0035	1.4	1.7		/
Glue	588G acidic glue		/	GC-PG-0002	150	0.014	2.1	2.4	250*250*150	10ml/pcs
Wire	2P PVC wire (0.5M)		/	GC-WS-0007	150	0.026	3.9	4.2		Suitable for single colour strip
Wire	2P PVC wire (2M)		/	GC-WS-0008	125	0.104	13	13.3		
Wire	4P PVC wire (0.5M)		/	GC-WS-0011	100	0.0277	2.78	3.08		Suitable for RGB strip
Wire	4P PVC wire (2M)		/	GC-WS-0012	20	0.1139	2.28	2.58		
Connect or	2PIN IP68 waterproof connector		/	GC-FC-0001	512	0.016	8.192	9.5	365*365*190	Suitable for single colour strip
Connect or	4PIN IP68 waterproof connector		/	GC-FC-0003	288	0.03	8.64	9.6		Suitable for RGB strip

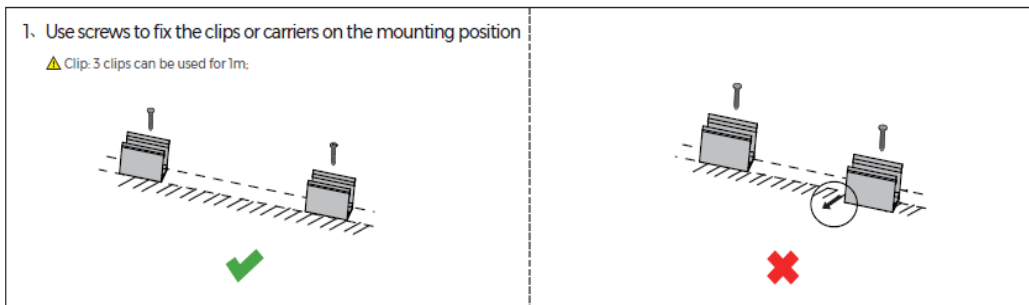
Cambered Neon Series Flexi NT1615 (Top Bend)

▼ Wiring Diagram

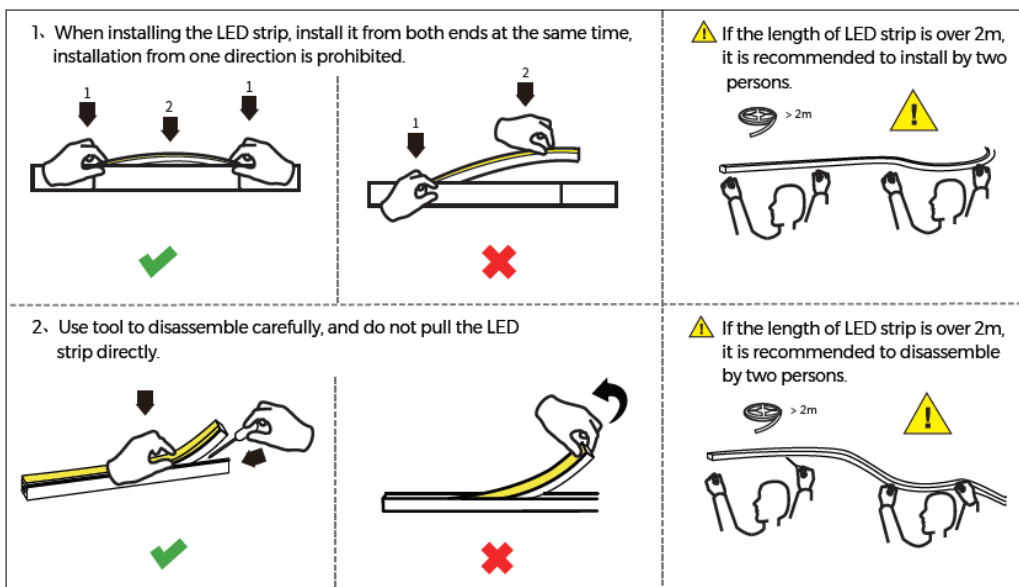


▼ Installation Guidance

Installation of clip



Installation of carrier

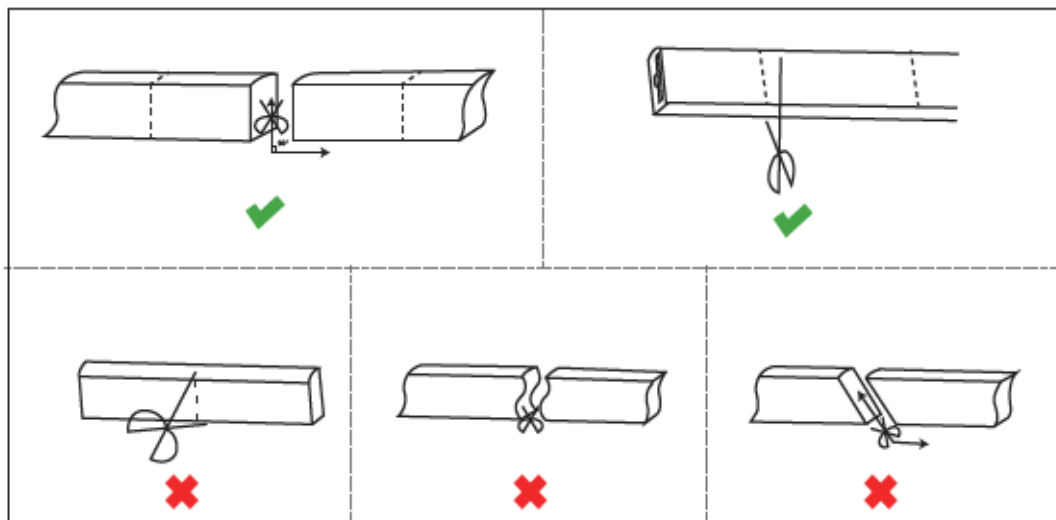


Cambered Neon Series Flexi NT1615 (Top Bend)

▼ 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 60mm 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.
- Please confirmed before usage, the colour of the product might be slightly different due to their structural differences.

Cutting method



It is forbidden to wrap objects less than 60mm

