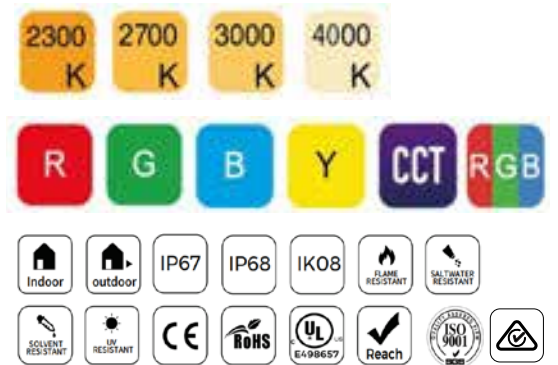


Planar Neon Series Flexi NT1515-Plus (Top Bend)



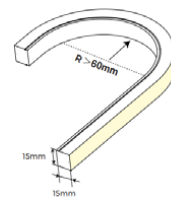
▼ Features

- ※Light source: High luminous efficiency, LM80 proved.
- ※Process & Material: High light transmittance, environmental silicone material, integrated extrusion molding technology, IP68.
- ※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

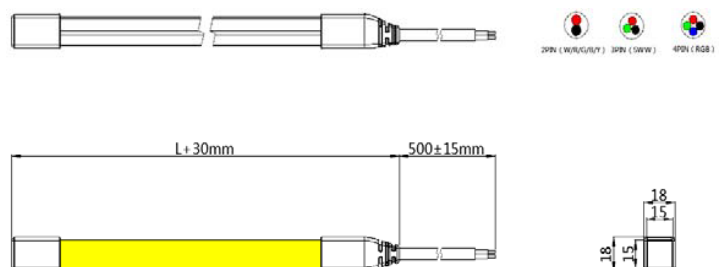
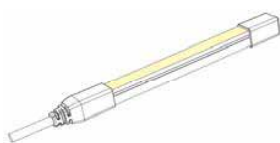
- ※Signage Lighting
- ※Outdoor/indoor decorative lighting
- ※Architectural Contour lighting
- ※Waterproof lighting

▼ Bending Application



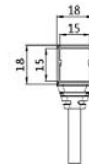
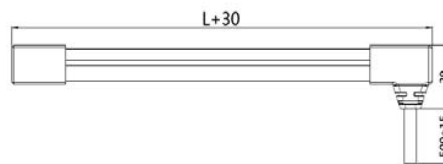
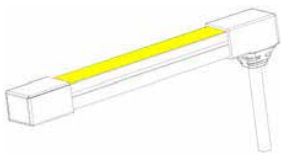
▼ IP Process& Structure Parameters

Top direction full protective End-Cap

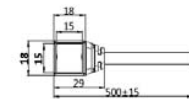
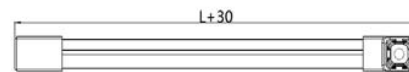
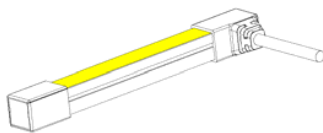


Planar Neon Series Flexi NT1515-Plus (Top Bend)

Bottom direction full protective End-Cap



Left direction full protective End-Cap



▼ Basic Parameters

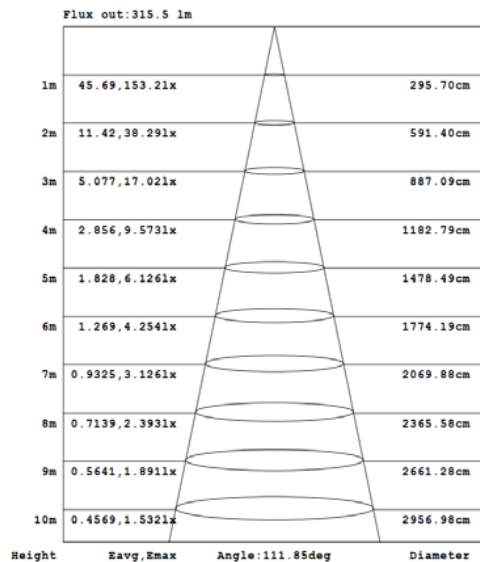
Model	CCT/colours	CRI	Input voltage (V)	Rated current (A)	Rated power (w)	Lumens (LM)	Size (mm)	Max.length	Cutting unit (mm)
GCFLE-9.6W-NT1515-12V-PLUS	2300K	>90	12V	0.8	9.6	330	W15*H15	5000	25
	2700K					400			
	3000K					430			
	4000K					430			
GCFLE-9.6W-NT1515-24V-PLUS	2300K	>90	24V	0.4	9.6	330	W15*H15	5000&10000mm	50
	2700K					400			
	3000K					430			
	4000K					430			
GCFLE-9.6W-NT1515-24V-PLUS-CCT	2300K~4000K					380		5000	62.5
GCFLE-8W-NT1515-24V-PLUS-RGBY	R 620-630nm	/	24V	0.34	8	/	W15*H15	5000&10000mm	50
	G 525-530nm								
	B 465-470nm								
	Y 587-592nm								
GCFLE-12W-NT1515-24V-PLUS-RGB	RGB	/	24V	0.5	12	/	W15*H15	5000mm	83
	R 620-630nm								
	G 525-530nm								
GCFLE-5.3W-NT1515-48V-PLUS	2300K	>90	48V	0.11	5.3	210	W15*H15	5000mm	100
	2700K					240			
	3000K					250			
	4000K					250			
GCFLE-9.6W-NT1515-48V-PLUS	2300K	>90	48V	0.2	9.6	280	W15*H15	20000mm	100
	2700K					330			
	3000K					350			
	4000K					350			

Note :

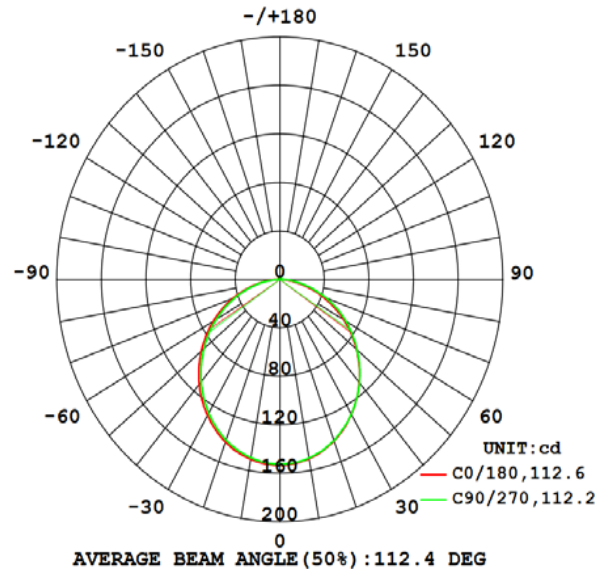
1. The above data is the testing result of 1M standard product;
2. The power and lumens of output data can be vary up to ±10%;
3. The above parameters are all typical values.

Planar Neon Series Flexi NT1515-Plus (Top Bend)

▼ Light Distribution



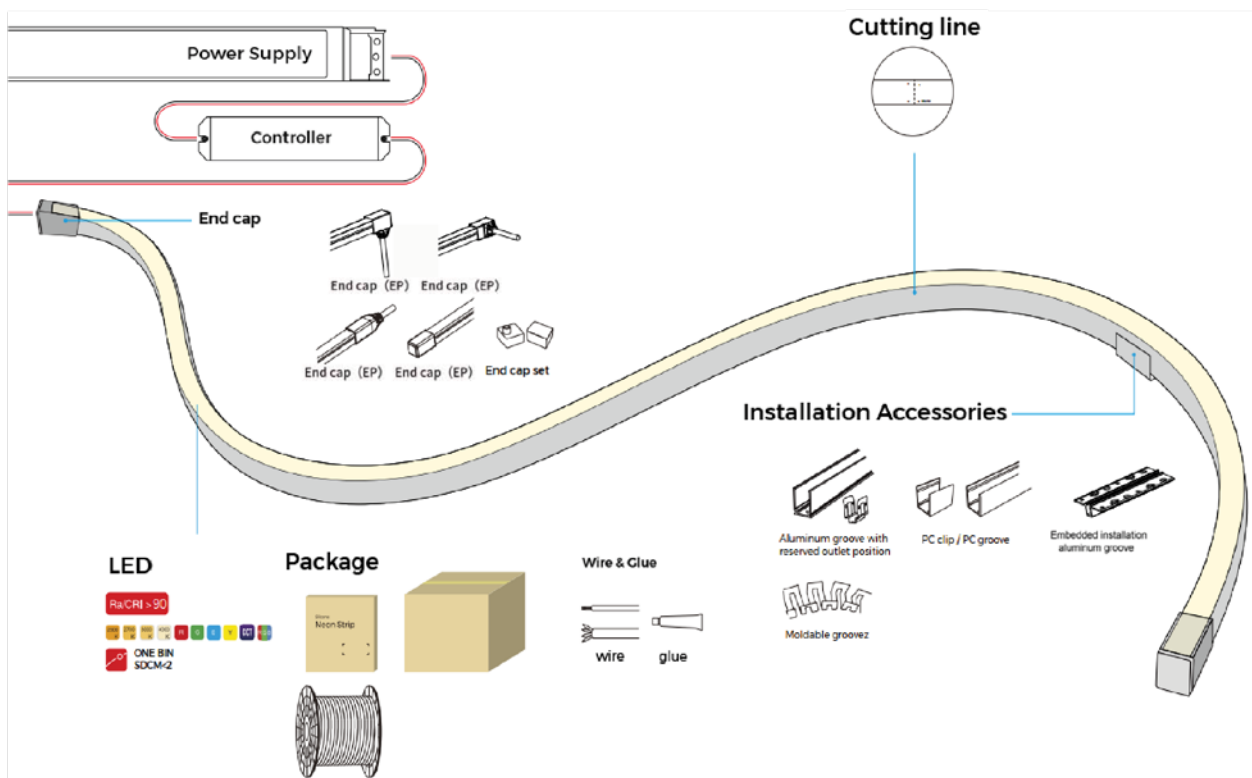
Effective average illuminance



Light distribution


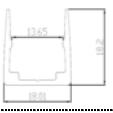

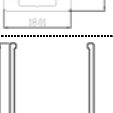

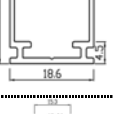

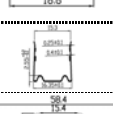

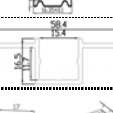

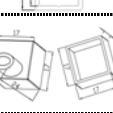

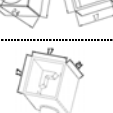

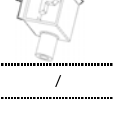








Note: The above data is the testing result of CCT 4000K.

▼ System Solution






Planar Neon Series Flexi NT1515-Plus (Top Bend)

▼ Accessory information

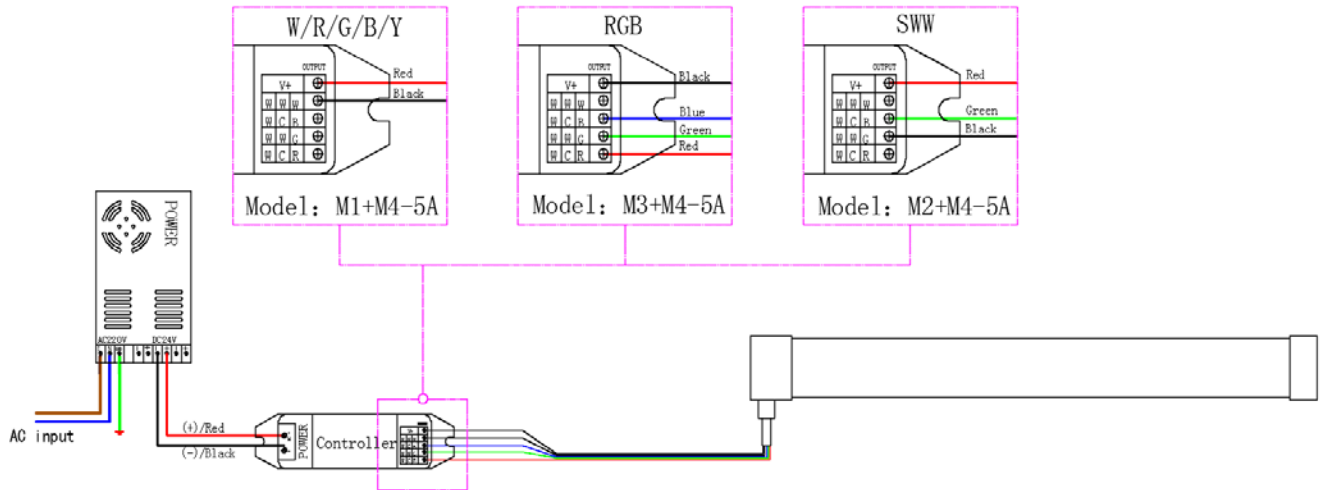
Name	Description	Image	Sectional size	Ordering code	Product quantity /case (PCS)	Product quantity/case (kg)	Net weight per box (kg)	Gross weight (kg)	Gross weight (mm)	Remark
PC carrier	Flat mounting PC groove			GC-NMT1515P-25	350	0.004	1.4	1.55	250*250*150	Size : L25*W18*H18.2MM with screw
PC carrier	Flat mounting of PC clip			GC-NMT1515P-1000	40	0.08	3.2	4.2	1180*135*130	Size : L1000*W18*H18.2MM with screw
Aluminium clip	Pre installed aluminum clip			GC-NMT1515A2-25	350	0.006	2.1	2.25	250*250*150	Size : L25*W18.6*H19.3MM with screw
Aluminium clip	Pre-installed aluminium groove			GC-NM3D1515A2-1000	12	0.18	2.16	3.16	1180*135*130	Size : L1000*W18.6*H19.3MM with screw
Moldable carrier	Moldable groovez			GC-NM3D1515M-500	100	0.045	4.5	7.3	500*290*290	Size : L500*W16.4*H16 with screw
Aluminium clip	Embedded installation aluminum groove			GC-NMT1515A3-1000	12	0.335	4.02	5.02	1180*135*130	Size : L1000*W58.4*H16.5mm , with screw
End cap set	End cap set, including end cap and plug (outlet from the top direction)			GC-NMT1515GD0-EC	400	0.003	1.2	1.5		/
End cap set	End cap set, including end cap and plug (outlet from the left direction)			GC-NM3D1515GH0-EC	400	0.003	1.2	1.5		/
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-0001	150	0.01541	2.31	2.61		Suitable for single color strip
Wire	2P PVC wire (2M)		/	GC-WS-0002	125	0.0616	7.7	8		
Wire	3P PVC wire (0.5M)		/	GC-WS-0015	150	0.0154	2.31	2.61		Suitable for SWW strip
Wire	3P PVC wire (2M)		/	GC-WS-0016	125	0.0616	7.7	8		
Wire	4P PVC wire (0.5M)		/	GC-WS-0003	150	0.0194	2.91	3.21		Suitable for RGB strip
Wire	4P PVC wire (2M)		/	GC-WS-0004	125	0.0776	9.7	10		
Connector	2PIN IP68 waterproof connector		/	GC-FC-0001	512	0.016	8.192	9.5		Suitable for single color strip
connector	3PIN IP68 Waterproof connector		GC-FC-0002	512	0.018	9.216	10.2	365*365*190	Suitable for SWW strip	
Connector	4PIN IP68 waterproof connector		GC-FC-0003	288	0.03	8.64	9.6		Suitable for RGB strip	

▼ Solution of Controll 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*CH 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*CH 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
 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

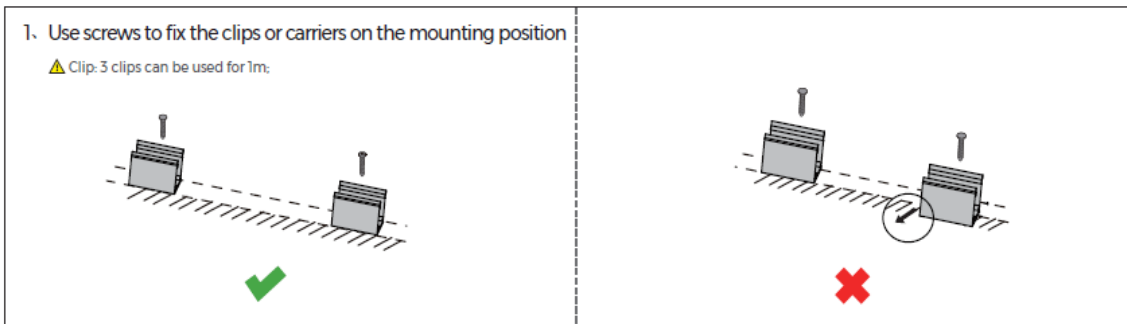
Planar Neon Series Flexi NT1515-Plus (Top Bend)

▼ Wiring Diagram

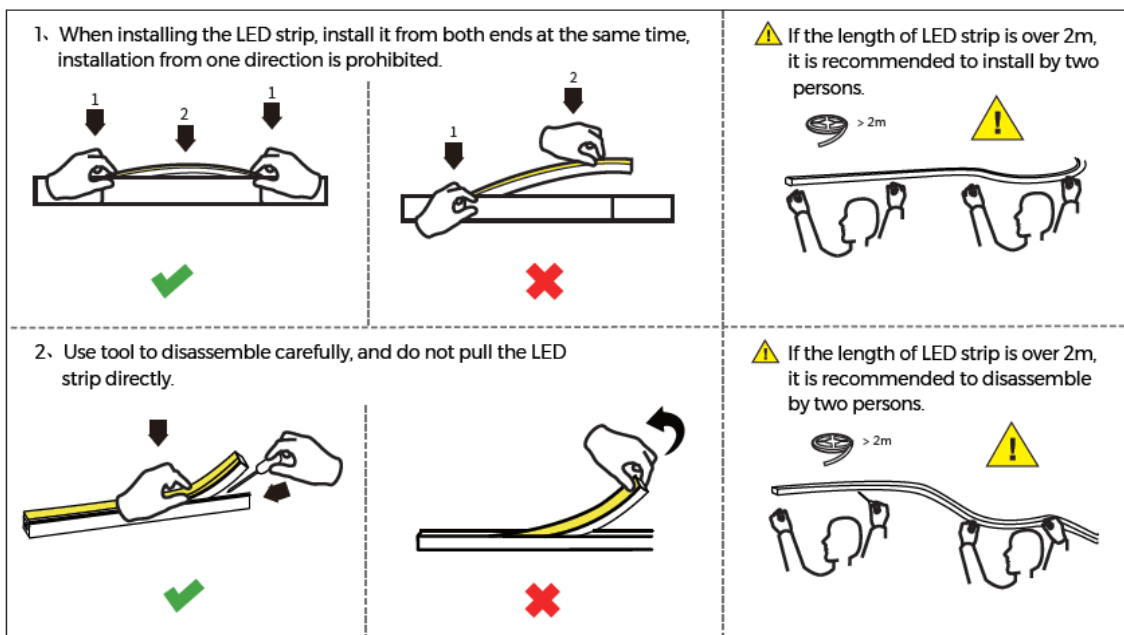


▼ Installation Guidance

Installation of clip



Installation of carrier



Planar Neon Series Flexi NT1515-Plus (Top Bend)

▼ Precautions

- Use a 24V\48VDC 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.)
- When IP68 protective products are installed and applied, the waterproofing grade should be degraded after self-processing and cutting.
- 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.
- 48VDC products can not be used in soaking environment.
- Engineering packaging type of silicone neon strip(20m/roll-40m/roll) need attention use pay-off-rack to avoid damage by Pulling force.

