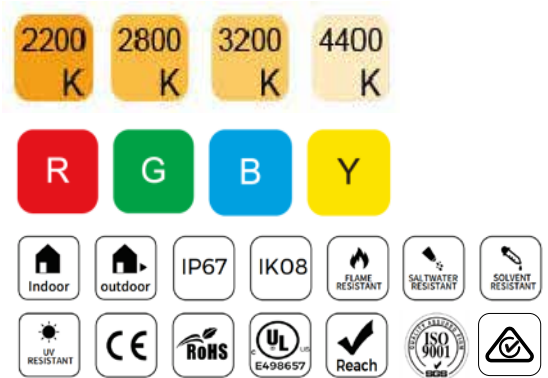


# 3D Neon Series Flexi N3D1515



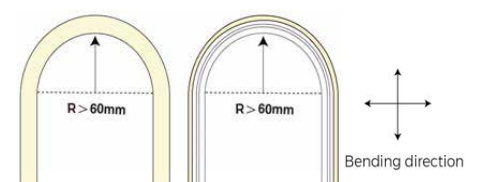
## ▼ Features

- ※Light source: High luminous efficiency, SMD2835、2735, 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

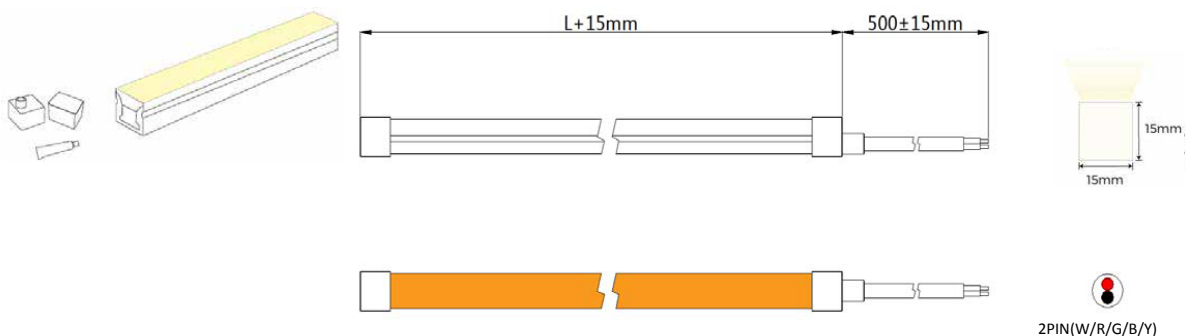
- ※ Signage lighting
- ※ Outdoor/indoor lighting
- ※ Architectural contour lighting

## ▼ Bending Application



## ▼ Product's protective technology & structure size

### IP67 silicone end cap



# 3D Neon Series Flexi N3D1515

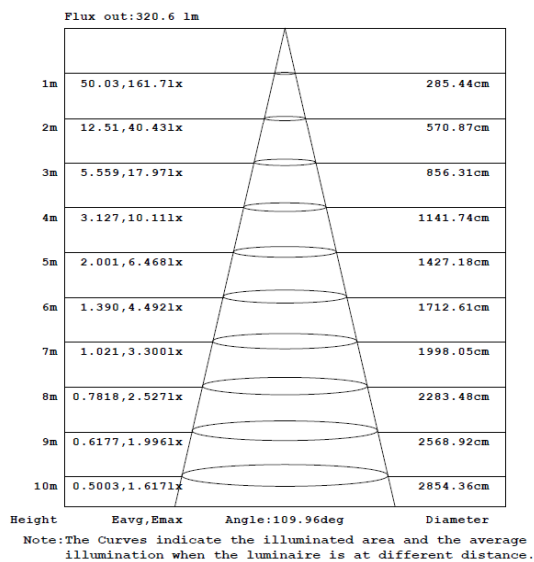
## ▼ Basic Parameters

Model	CCT/colors	CRI	Input voltage (V)	Rated current (A)	Rated power (w)	Lumens (LM)	Size (mm)	Max.length	Cutting unit (mm)
GCFLE-7.2W-N3D1515-S	2200K	>80	24	0.3	7.2	450	W15*H15	5000mm	41.66
	2800K					510			
	3200K					510			
	4400K					500			
GCFLE-7.2W-N3D1515-RGBY	R 620-630nm G 525-530nm B 465-470nm Y 587-592nm	/		0.3	7.2	/		5000mm	

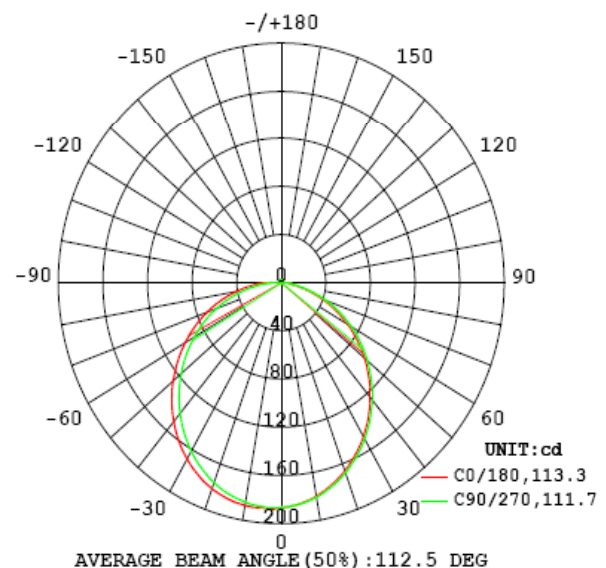
Note :

- 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

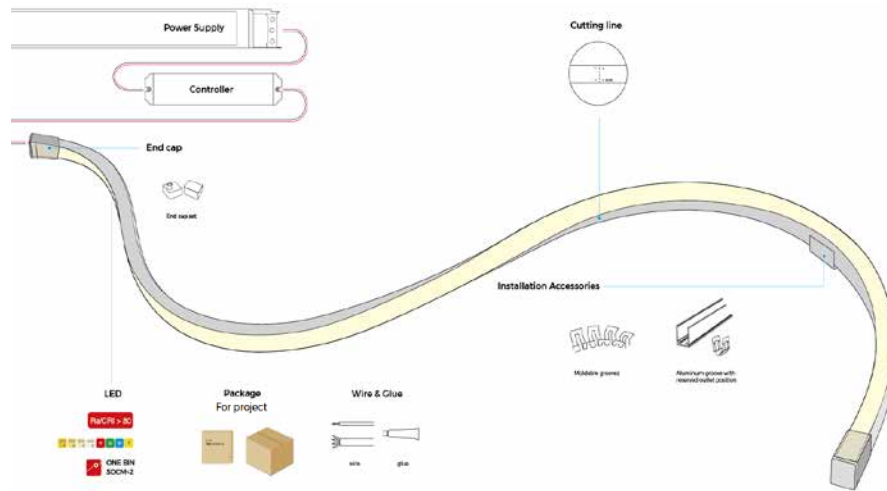


Light distribution






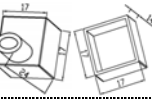




Note: The above data is the testing result of CCT 4000K.

# 3D Neon Series Flexi N3D1515

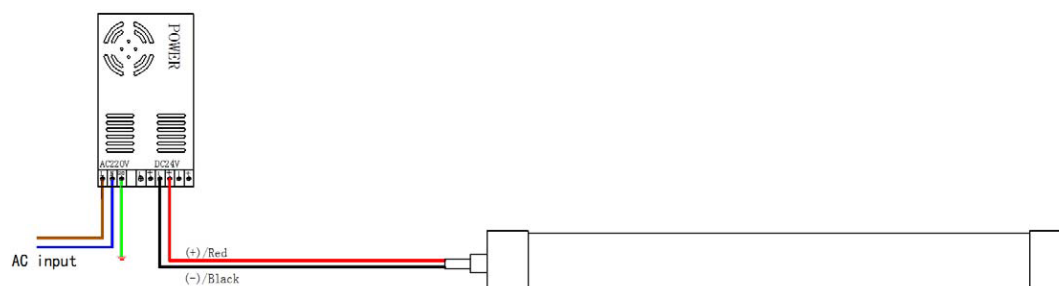
## ▼ System Solution



## ▼ Accessory Information

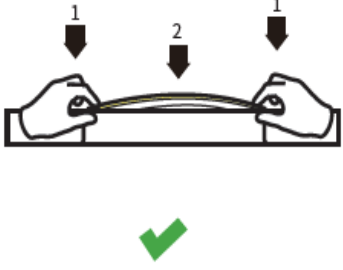
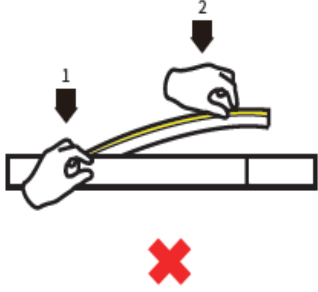

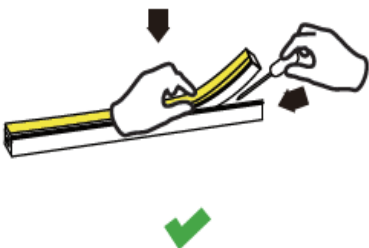

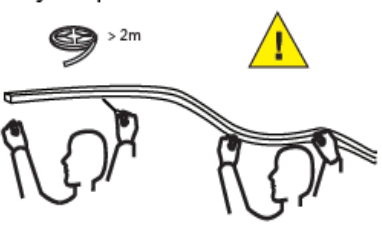
Name	Description	Image	Sectional size	Ordering code	Product quantity/case (PCS)	Product quantity/case (kg)	Net weight per box (kg)	Gross weight (kg)	Gross weight (mm)	Remark
Alumina carrier	Pre-installed aluminium groove			GC-NM3D1515A2-1000	12	0.18	2.16	3.16	1290*112*50	Size : L1000*W18.6*H19.3MM with screws
Moldable carrier	Moldable groove			GC-NM3D1515M-500	100	0.045	4.5	7.3	500*290*290	Size : L500*W16.4*H16 with screws
End cap set	End cap set including end cap and plug			GC-NM3D1515GH0-EC	400	0.003	1.2	1.5	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	Suitable for white light strip
Connector	2PIN IP68 waterproof connector		/	GC-FC-0001	512	0.016	8.192	9.5	365*365*190	Suitable for white light strip

## ▼ Wiring Diagram



# 3D Neon Series Flexi N3D1515

## ▼ Installation Guidance

<p>1. When installing the LED strip, install it from both ends at the same time, installation from one direction is prohibited.</p> 		<p>⚠ If the length of LED strip is over 2m, it is recommended to install by two persons.</p> 
<p>2. Use tool to disassemble carefully, and do not pull the LED strip directly.</p> 		<p>⚠ If the length of LED strip is over 2m, it is recommended to disassemble by two persons.</p> 

# 3D Neon Series Flexi N3D1515

## ▼ 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 itself.
- 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

