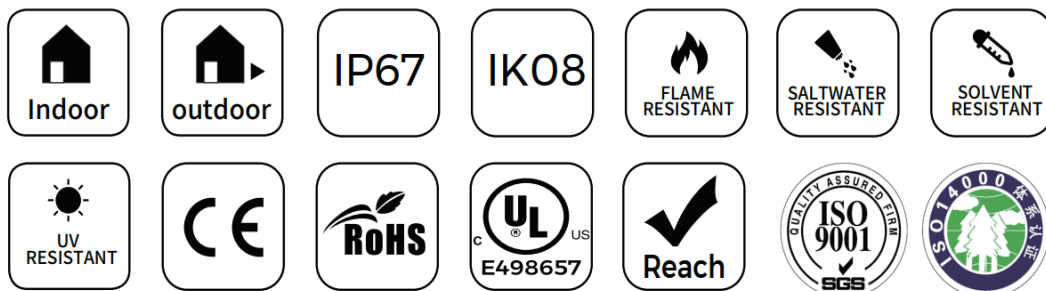


Specification

3D Neon Series NM3D1515



▼ Features

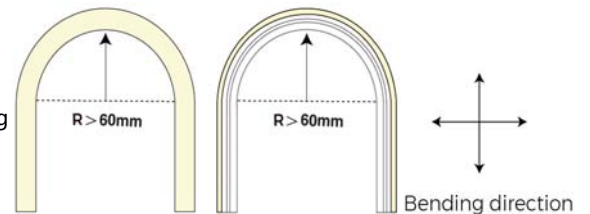


- ※ Light source: High luminous efficiency, SMD2835、2735, LM80 proved.
- ※ Process & Material: High light transmittance, environmental silicone material, integrated extrusion molding technology, IP67.
- ※ Optical Design: Unique optical light distribution structure design, uniform lighting surface and 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.
- ※ 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: 36000H, 3 years warranty.

▼ Application

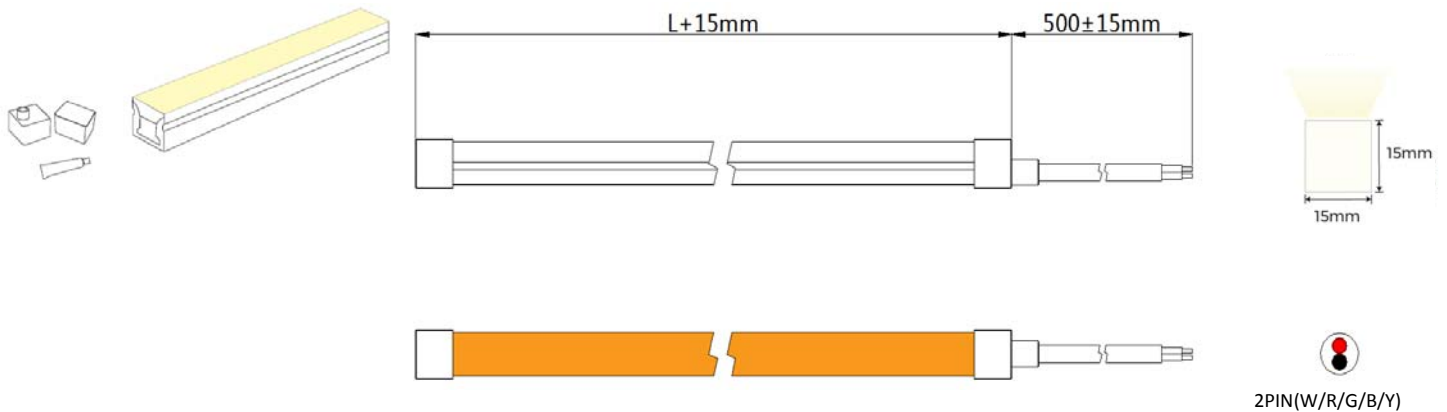
- ※ Signage lighting
- ※ Outdoor/indoor lighting
- ※ Architectural contour lighting

▼ Bending applicatio



▼ Product's protective techology & structure size

IP67 silicone end cap



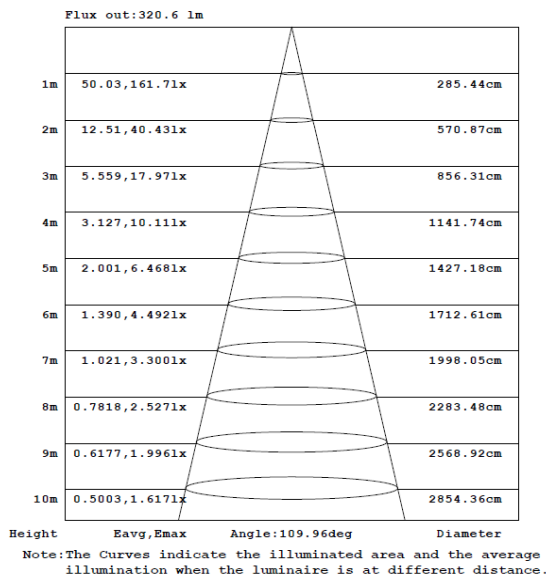
▼ Basic Parameters

Model	CCT/colors	CRI	Input voltage (V)	Rated current (A)	Rated power (w)	Lumens (LM)	Size (mm)	Max.length	Cutting unit (mm)
NM3D1515-8XX24CXN050XCXXX	2200K	>80	24	0.3	7.2	450	W15*H15	5000mm	41.66
	2800K					510			
	3200K					510			
	4400K					500			
NM3D1515-0X24CXN050XCXXX	R 620-630nm	/	24	0.3	7.2	/	W15*H15	5000mm	41.66
	G 525-530nm					/			
	B 465-470nm					/			
	Y 587-592nm					/			

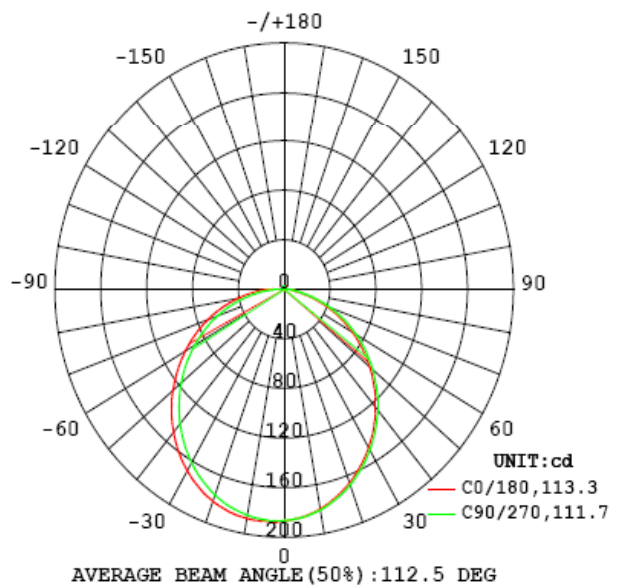
Note :

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 ±10%;
3. The above parameters are all typical values;

▼ Light Distribution



Effective average illuminance

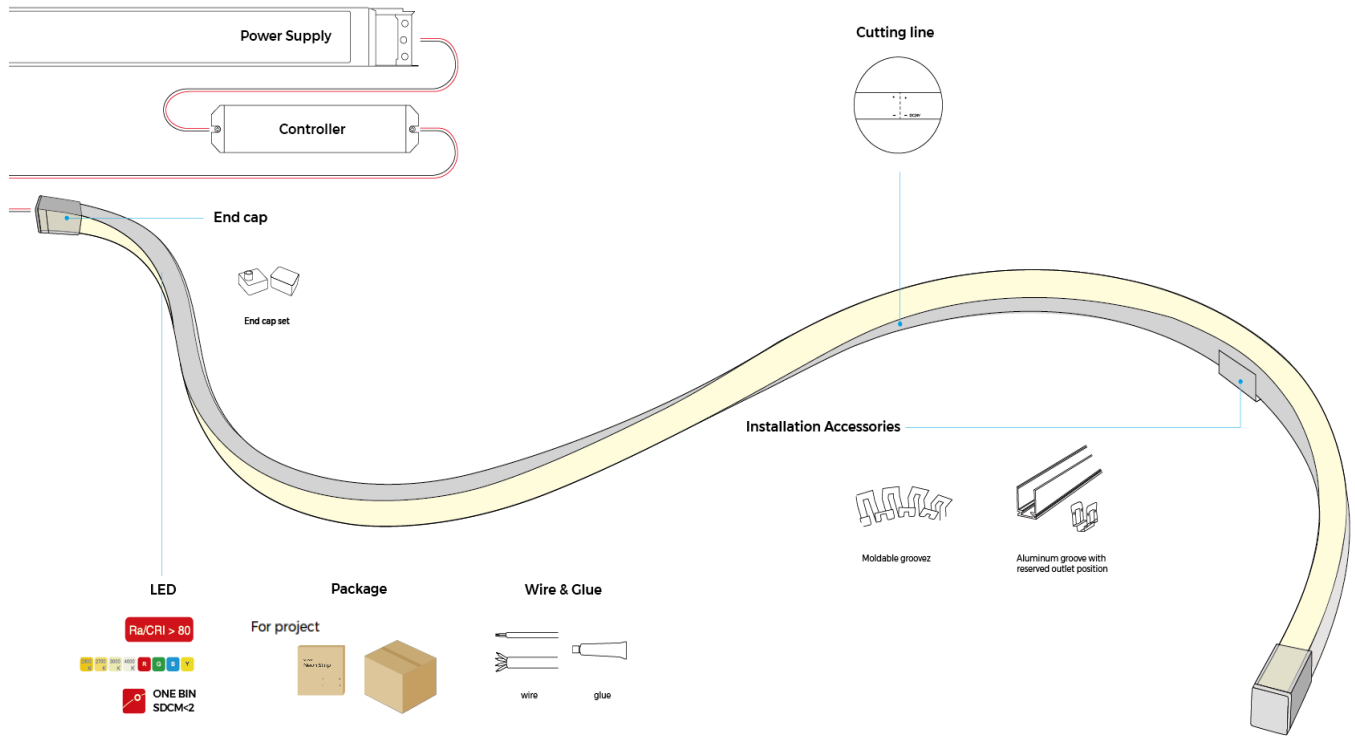


Light distribution

Note: The above data is the testing result of CCT 4000K, if there is need for the IES files of other colors, please download the specific file through the IES data bank.



▼ System solution

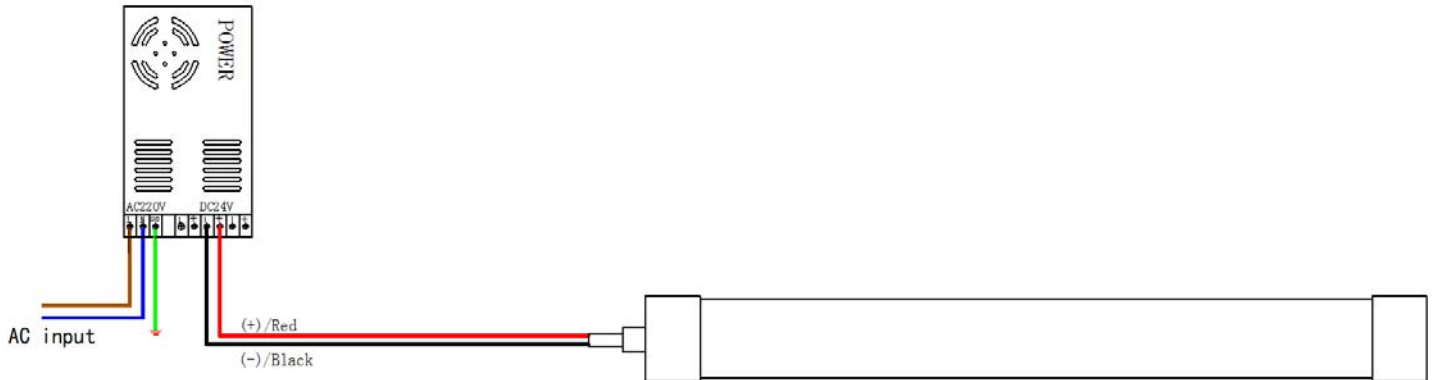


▼ Accessory information

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			AS-NM3D1515A2-1000	12	0.18	2.16	3.16	1290*112*50	Size : L1000*W18.6*H19.3MM with screws
Moldable carrier	Moldable groove			AS-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			AS-NM3D1515GH0-EC	400	0.003	1.2	1.5	250*250*150	/
Glue	588G acidic glue		/	AS-PG-0001	150	0.014	2.1	2.4	250*250*150	10ml/pcs
Wire	2P PVC wire (0.5M)		/	AS-WS-0001	150	0.01541	2.31	2.61	250*250*150	Suitable for white light strip
Wire	2P PVC wire (2M)		/	AS-WS-0002	125	0.0616	7.7	8	250*250*150	
Connector	2PIN IP68 waterproof connector		/	AS-FC-0001	512	0.016	8.192	9.5	365*365*190	Suitable for white light strip



▼ Wiring Diagram



▼ 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>



▼ **Packaging Solutions**

General package

PN:NM3D1515
Color:3000K
DC 24V

PN:NM3D1515
Color:3000K
DC 24V

NM3D1515

Voltage: DC24V
Power(Typ): 8 W/m
Power(Max): 7.2 W/m
Color/CCT: 3000K
IP: IP67

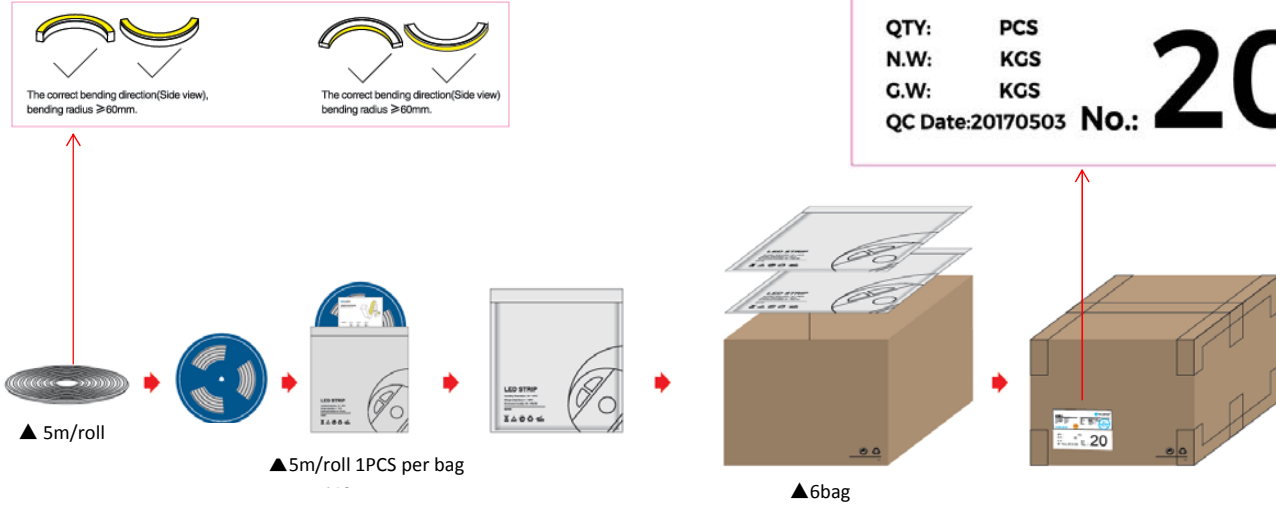
Type: Silicon neon strip
Part NO: XXXXXXXXXXXXX
SO: 17040116
Size: 5000X15X3mm
Date: 20170401

www.colorsled.com

3000K

QTY: PCS
N.W: KGS
G.W: KGS
QC Date:20170503

No.: 20



Model	Product size	Product Quantity/box	Product Quantity/box	Product net weight (kg)	Net weight per box (kg)	Gross weight (kg)	Gross weight
NM3D1515-8XX24CSN050CC0500	L5000*15*15mm	5M*6	30M	1.13	6.78	9.94	0.41*0.41*0.26M
NM3D1515-0X24CSN050CC0500	L5000*15*15mm	5M*6	30M	1.13	6.78	9.94	



▼ Ordering Code



Simple steps, open to the outside world in an all-round way, customize personalized product

CRI	Code	1
RGB or colorful, no CRI	0	
CRI<80	7	
CRI>80	8	
CRI>90	9	

Silk Printing	Code	4
COLORS	C	
Neutral	N	
Customized	S	

COLORS	Code	8
COLORS	C	
Package for distributors	B	

CCT/color	Code	2
2200-2400K	LW	
2600-2800K	SW	
2800-3200K	WW	
3200-3800K	PW	
3800-4200K	NW	
4800-5200K	DW	
Red	R	
Green	G	
Blue	B	
Yellow	Y	
Adjustable CCT	SWW	
RGB	RGB	
RGBW	RGBW	
RGBX	RGBX	

Entry cable	Code	5
One end	S	
Dual-ends	D	
No	X	

Label Type	Code	9
COLORS	C	
Customized	S	

Wire Type	Code	6
PVC	N	
No wire	X	
Silicone wire	S	

Strip Length	Code	10
50m/reel	5000	
15m/reel	1500	
10m/reel	1000	
5m/reel	0500	

Operating voltage	Code	3
DC5V	05	
DC12V	12	
DC24V	24	
DC48V	48	

Wire Length	Code	7
50CM	050	
No wire	000	

Example : NM3D1515-8LW24CSN050CC0500

3D silicone neon strip, width*height: 15*15mm, 2835LED, CRI 80, CCT after gluing : 2200K, DC24V, silk printing- neutral, one end entry cable 50CM, brand package 5m/roll.



▼ 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 color of products with different sizes and specifications is slightly deviated due to structural differences under the same color temperature, which should be confirmed before use.

Cutting method

