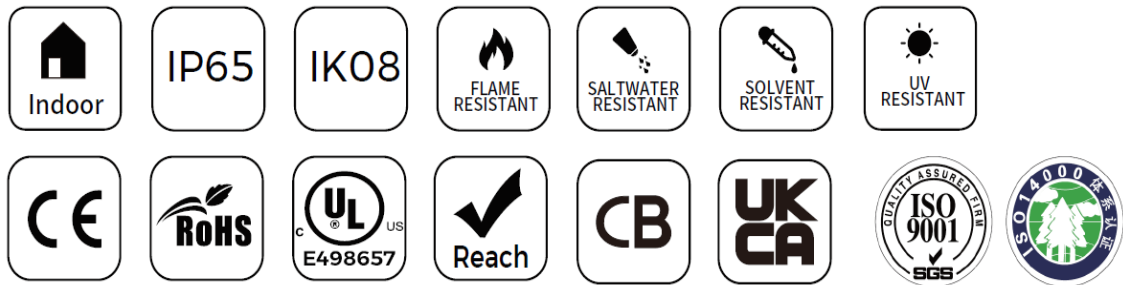


Specification

Round Neon Series NNR25



▼ Features

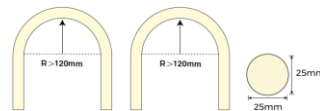


- ※ Light source: High luminous efficiency, LM80 test proved.
- ※ Process & Material: High light transmittance, food-grade environmental silicone material, integrated extrusion molding technology, High protection level.
- ※ Optical Design: Unique optical light distribution structure design, uniform lighting 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, UCKA, CB.
- ※ 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: 36000H, 3 years warranty .

▼ Product Application

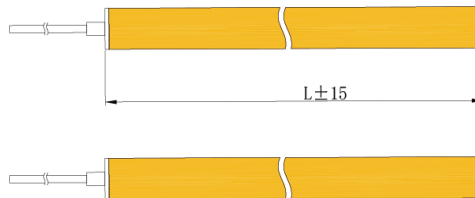
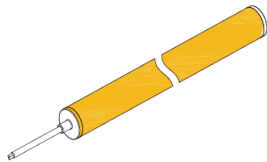
- ※ Office lighting
- ※ Decorative lighting
- ※ Artistic lighting
- ※ Styling lighting

▼ Product Bending Application

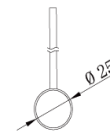
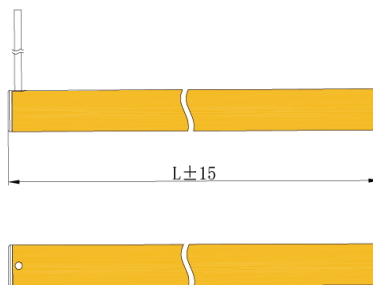
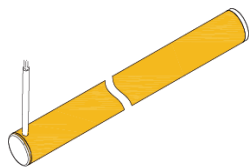


▼ Product's protective technology & structure size

IP65 Top outlet



IP65 Side outlet



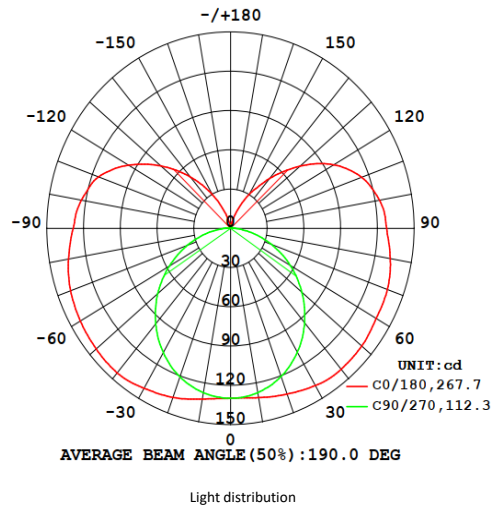
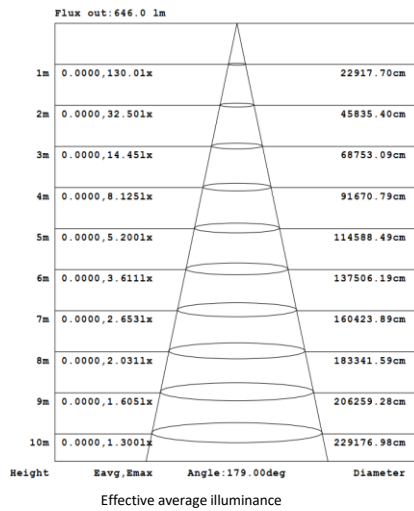
▼ **Basic Parameters**

Model	CCT/colors	CRI	Input voltage (V)	Rated current (A)	Rated power (w)	Lumens (LM/M)	Size (mm)	Standard Length (mm)	Remark
NNR25-9XX 24CSN050BCXXXX-ESD	2300K	>90	24V	0.6	14.4	750	Φ25	1000/2500/5000	Arbitrary cutting
	2700K					950			
	3000K					950			
	4000K					950			
NNR25-0X 24CSN050BCXXXX-ESD	R 620-630nm	/	24V	0.42	10	/	Φ25	1000/2500/5000	No cutting
	G 525-530nm	/				/			
	B 465-470nm	/				/			
	Y 587-592nm	/				/			
NNR25-0RGB 24CSN050BCXXXX-ESD	RGB	/	24V	0.6	14.4	400	Φ25	1000/2500/5000	No cutting
NNR25-9LWNV 24CSN050BCXXXX-ESD	2300K-4000K	>90				750			

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;
4. The standard length of the product is 1m, 2.5m, 5m, Other lengths need to be customized.

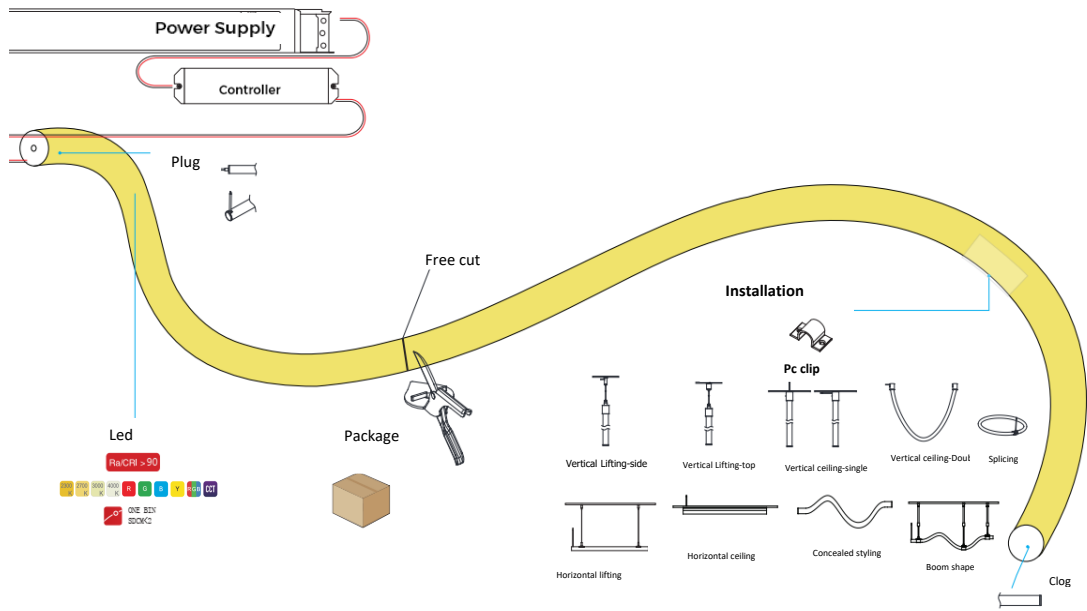
▼ **Light Distribution**



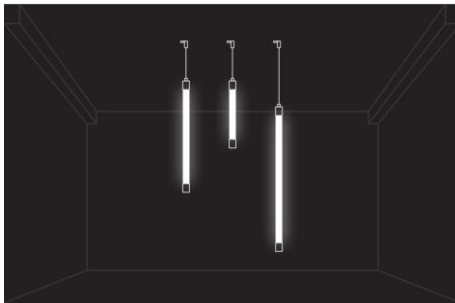
Note: The above data are based on the color temperature of 4000K monochrome. If you need other color IES files, please download the corresponding model from the IES database.



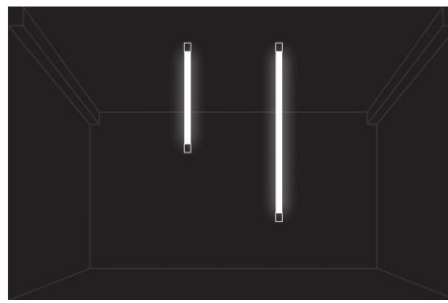
▼ **Product System Solutions**



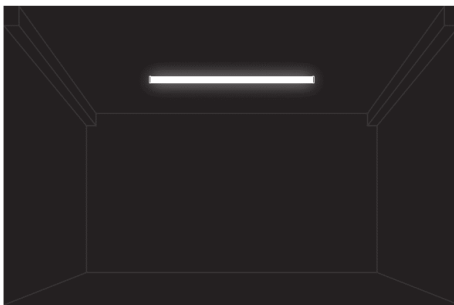
▼ **Scenario application solutions**



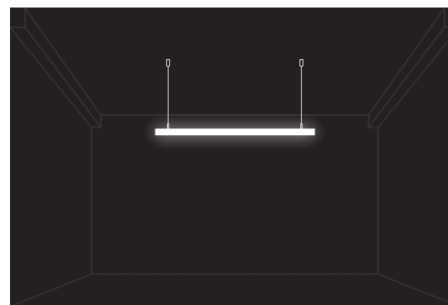
Vertical Lifting



Vertical ceiling-single

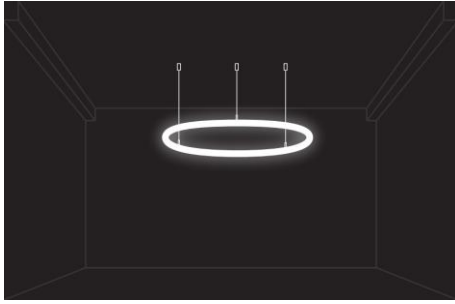


Horizontal ceiling

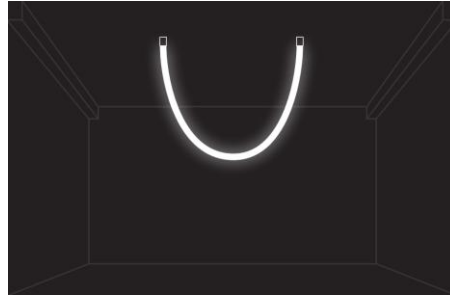


Horizontal lifting

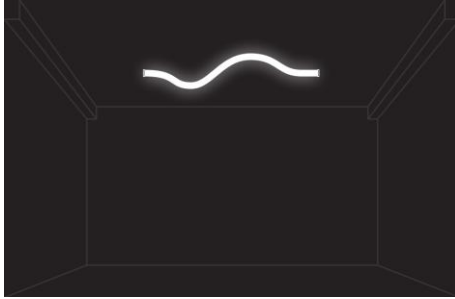




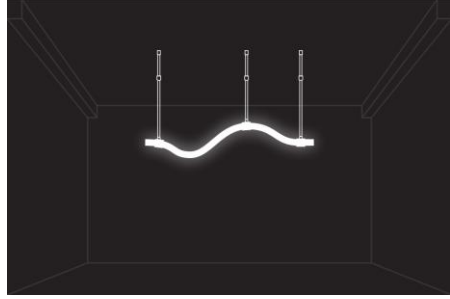
Splicing



Vertical ceiling-Double



Concealed styling














Boom shape

▼ 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 of PC clip		/	AS-NNR25P1-25	100	0.01	1	1.2	250*250*150	Size: L25*W51.6*H27.8mm ,with screws
Vertical Lifting Side(1m)	Vertical element ceiling		/	AS-NNR25VHS-1000	16	0.28	4.40	5.29	1285*160*160	NNR25-XXXXBC0100
Vertical Lifting Side(2.5m)			/	AS-NNR25VHS-2500	16	0.52	8.40	10.12	2580*165*165	NNR25-XXXXBC0250
Vertical Lifting Top(1m)	Vertical ceiling		/	AS-NNR25VHD-1000	16	0.31	4.90	5.79	1285*160*160	NNR25-XXXXBC0100
Vertical Lifting Top(2.5m)			/	AS-NNR25VHD-2500	16	0.55	8.83	10.55	2580*165*165	NNR25-XXXXBC0250
Vertical ceiling Single(1m)	Vertical		/	AS-NNR25VCC-1000	16	0.23	3.63	4.52	1285*160*160	NNR25-XXXXBC0100
Vertical ceiling Single(2.5m)			/	AS-NNR25VCC-2500	16	0.47	7.57	9.29	2580*165*165	NNR25-XXXXBC0250



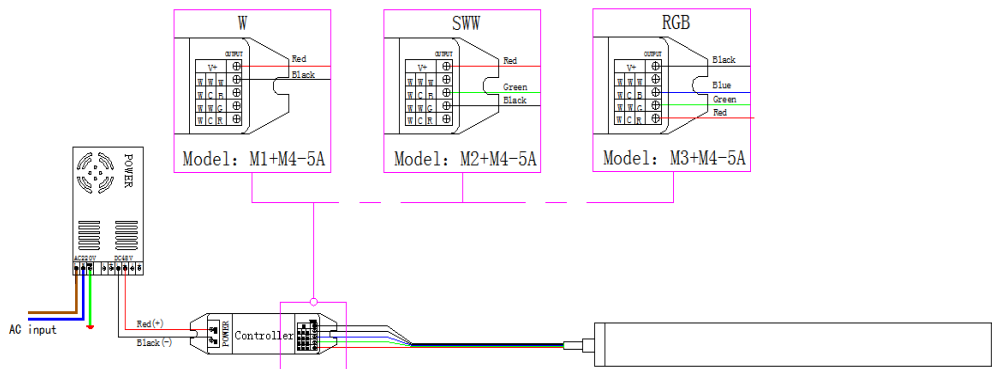
Horizontal ceiling	Horizontal		/	AS-NNR25LCX-1000	15	0.08	1.20	1.80	1180*125*115	NNR25-XXXXBC0100 NNR25-XXXXBC0500
Horizontal lifting (0.038m)	Horizontal /Arbitrary shape		/	AS-NNR25LHX-0038	15	0.08	1.20	1.80	1180*125*115	NNR25-XXXXBC0100 NNR25-XXXXBC0250 NNR25-XXXXBC0500
Horizontal lifting (0.038m)	Horizontal		/	AS-NNR25LHX-1000	96	0.07	6.75	7.35	365*365*190	NNR25-XXXXBC0100
Horizontal lifting (0.038m)	Horizontal		/	AS-NNR25LHX-2500	16	0.18	2.88	3.48	1180*125*115	NNR25-XXXXBC0250
Vertical ceiling Double	"U" Shape		/	AS-NNR25VCC-XX-2	48	0.13	6.05	6.65	365*365*190	NNR25-XXXXBC0100 NNR25-XXXXBC0250 NNR25-XXXXBC0500
Splicing	circle/line	 	/	AS-NNR25DX-XX	48	0.05	2.30	2.91	365*365*190	NNR25-XXXXBC0100 NNR25-XXXXBC0250 NNR25-XXXXBC0500
Concealed styling	Arbitrary shape		/	AS-NNR25DCX-XX	480	0.01	2.40	3.13	365*365*190	NNR25-XXXXBC0100 NNR25-XXXXBC0250 NNR25-XXXXBC0500
Boom shape	Arbitrary shape		/	AS-NNR25DX-0038	15	0.20	3.00	3.62	415*250*230	NNR25-XXXXBC0100 NNR25-XXXXBC0250 NNR25-XXXXBC0500
End caps set for NNR25	End cap, including end cap and plug (outlet from the top direction)		/	AS-NNR25GH0-EC	500	0.0004	0.20	1.00	250*250*150	/
connector	2pin IP68 Waterproof connector			AS-FC-0001	512	0.02	8.19	9.50	365*365*190	Suitable for single color Strip
connector	3pin IP68 Waterproof connector			AS-FC-0002	512	0.02	9.22	10.20	365*365*190	Suitable for SWW Strip
connector	4pin IP68 Waterproof connector			AS-FC-0003	512	0.02	9.22	10.20	365*365*190	Suitable for RGB Strip



▼ **Product Control System Solution**

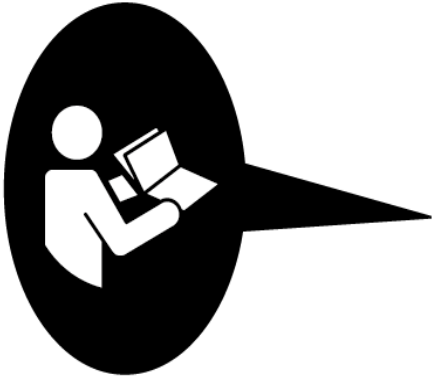
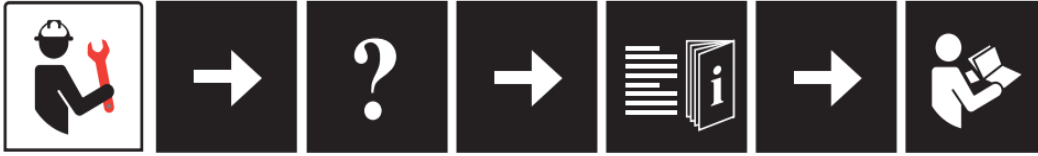
	Single color dimming set	M1+M4-5A	23-01-00-0045	Operating voltage: 3VDC (Battery CR2032) Operating frequency: 433.92MHz Remote control distance: 30m Operating temperature: -30°C 55°C	Input voltage: 12-24VDC Maximum loaded current: 5A*4CH Max 20A Maximum loaded power: 240W/480W(12V/24V) Operating temperature: -30°C 55°C Size: L170*W44*H50(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*H50(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*H50(mm) Package size: L228*W155*H32(mm)	RGB LED strip

▼ **Wiring Diagram**



▼ Installation Guidance

※ Read the installation Manual and installation video carefully before installation



Installation Manual

Splicing accessories

V1.0

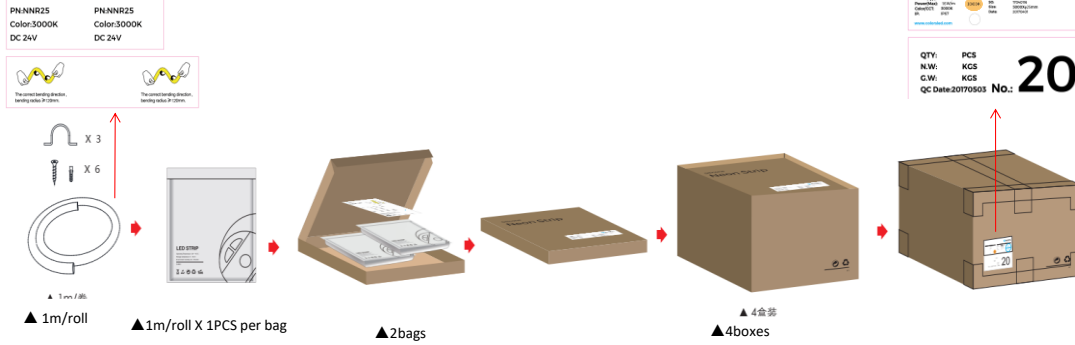


Please read this manual carefully before installation and use, and use it in the correct way.
Please keep it after reading and understanding. (This manual is not all users of this product can check it at any time.)

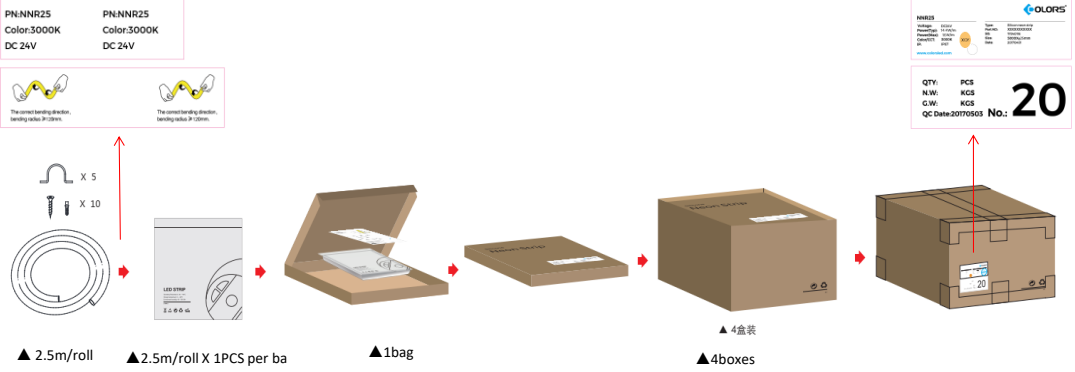


▼ Packaging Solutions

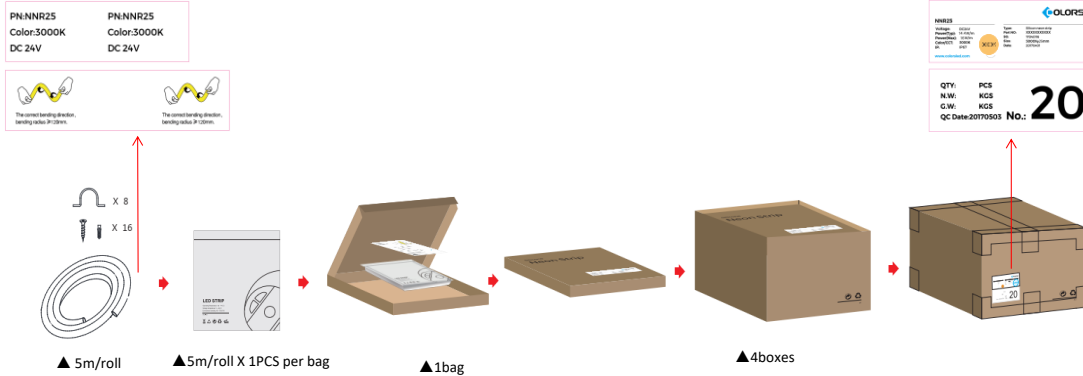
1m standard packaging



2.5m standard packaging



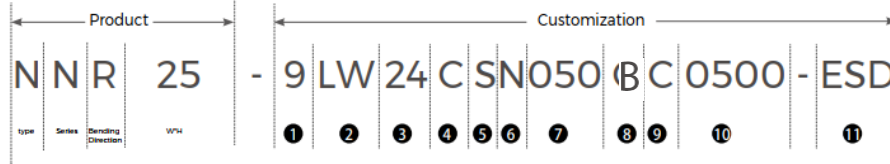
5m standard packaging



Model	Product size	Accessories Number (pcs)/bag	Product Quantity/box	Product Quantity/case	Product net weight (kg)	Net weight per box (kg)	Gross weight (kg)	Carton size (M)
NNR25-XXXX24CSN050BC0100-ESD	L1000*qp25mm	3pcs	2M*1	8M	1.5	6	7.5	0.41*0.41*0.26M
NNR25-XXXX24CSN050BC0500-ESD	L2500*qp25mm	5pcs	5M*1	10M	1.625	6.5	8	0.41*0.41*0.26M
NNR25-XXXX24CSN050BC0500-ESD	L5000*qp25mm	8pcs	5M*1	20M	3.4	13.5	15	0.41*0.41*0.26M



▼ **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	

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	

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

Silk Printing	Code	4
COLORS	C	
Neutral	N	
Customized	S	

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

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

Wire Length	Code	7
50CM	050	
No wire	000	

COLORS	Code	8
COLORS	C	
Package for distributors	B	

Label Type	Code	9
COLORS	C	
Customized	S	

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

Process type	Code	11
Technology	ESD	

Ordering example: NNR25-9LW24CNS050BC0500-ESD

360 Cambered Neon Series, Width * height: Φ25mm, CRI 95, CCT after glue: 2300K, DC24V, neutral silk printing, single-end 50CM PVC wire, with brand name, 5m/roll packaging, IP65 End-Cap, Surface antistatic treatment



▼ 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 120mm 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.)
- Product is not suitable for use in swimming pools and fountains.
- Please confirmed before usage as products of varied sizes show slight differences in their color under same color temperature due to their structural differences.
- The white light can be cut arbitrarily. The tinted light and toned light is forbidden to cut the product to avoid lamp body damage due to improper operation.

