

Specification

Silicone Neon Strip-Domed Neon Series
NNT1615



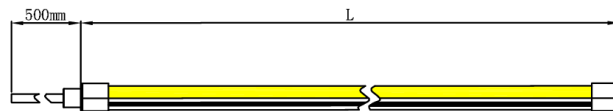
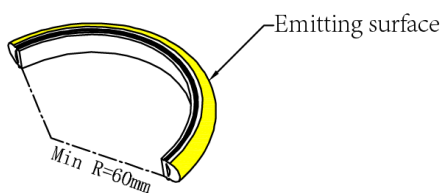


2300 K 2700 K 3000 K 3700 K 5000 K

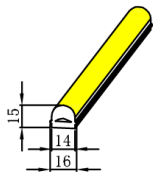
Features:

- **Light source:** High efficiency, SMD 2835 LED, LM80 proved.
- **Process & Material:** High light transmittance, food-grade environmental silicone material, integrated extrusion molding technology, IP67.
- **Optical Design:** Unique optical light distribution structure design, uniform light 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:-20~45°C / 0°C ~ 60°C
- **Life Span:** 36000H, 3 years warranty.

Structure Parameters:



Note : L=15000mm



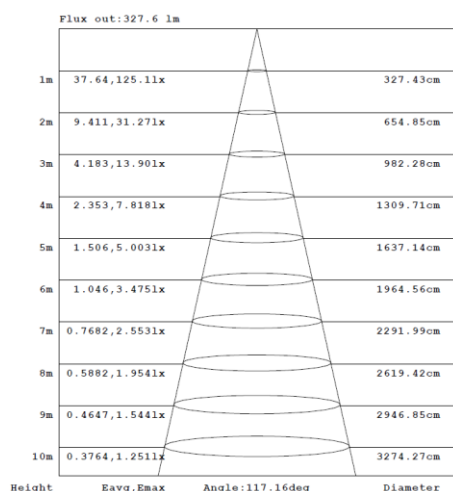
Basic Parameters:

Model	CCT/Colors	CRI (CRI)	Input voltage (V)	Rated current (A)	Rated power (W)	Lumens (LM)	Size (mm)	Max.length	Cutting unit (mm)	Beam angle	IP
NNT1615-8XX24CSN050CC1500	2300K	>80	24	0.459	11	750	W16*H15	15000mm	41.66	160°	IP67
	2700K					780					
	3000K					800					
	3700K					820					
	5000K					800					

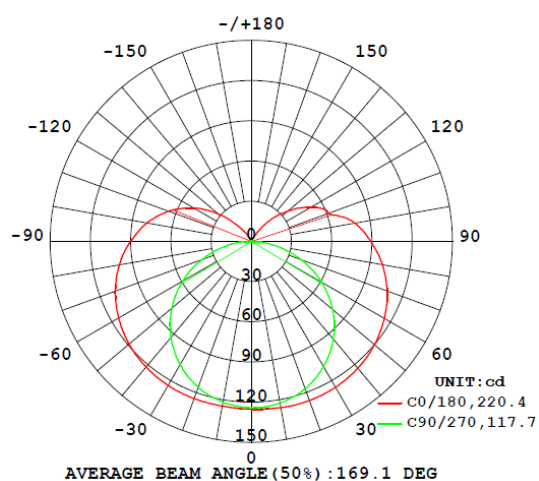
Note:

- 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:








AAI Figure



Photometric of 1M strip

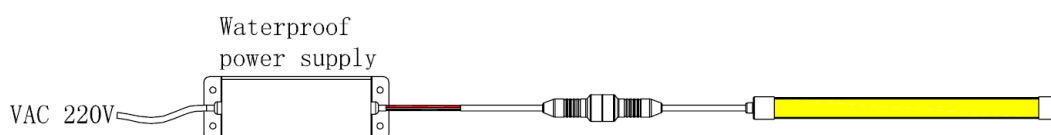


Accessory information :

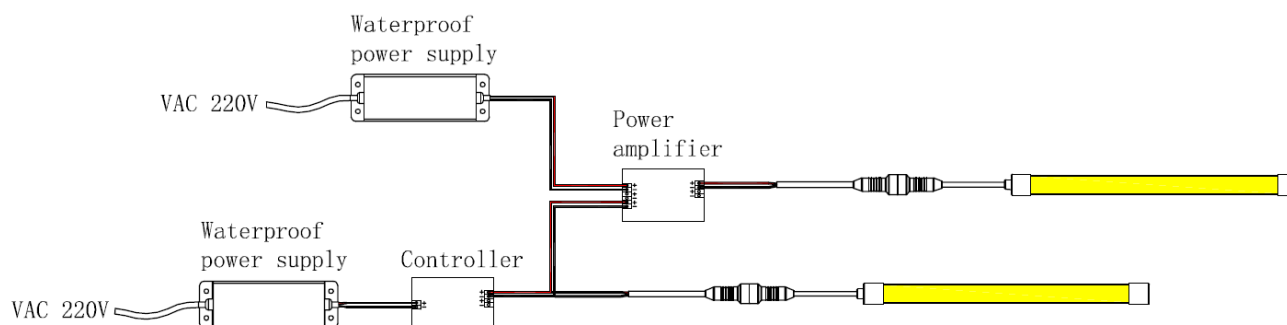
Name	Description	Image	Ordering code	Product quantity/case	Product net weight (kg)	Net weight per box (kg)	Gross weight (kg)	Package size (mm)	Remark
PC carrier	Flat mounting PC groove		AS-NNT1615P-1000	40 PCS	0.0667	2.668	3.718	1100*112*50	L:1000mm attached screw
PC clip	Flat mounting PC clip		AS-NNT1615P-25	800 PCS	0.0038	3.04	3.34	250*250*150	L:25mm attached screw
End cap set	Silica end cap set, with end cap and plug		AS-NNT1615GH0-EC	400 PCS	0.007	2.8	3.1	250*250*150	/
Gum filler	588ST acid gel		AS-PG-0001	150 PCS	0.014	2.1	2.4	250*250*150	10ml/pcs
Wire	2P PVC wire (0.5M)		AS-WS-0007	150 PCS	0.026	3.9	4.2	250*250*150	Suitable for white light neon strip
	2P PVC wire (2M)		AS-WS-0008	125 PCS	0.104	13	13.3		

Wiring Diagram:

Non-dimming connection mode:



Dimming connection mode:

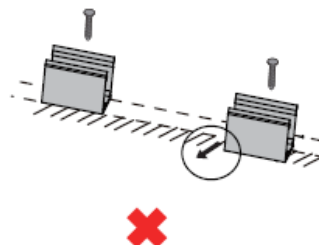
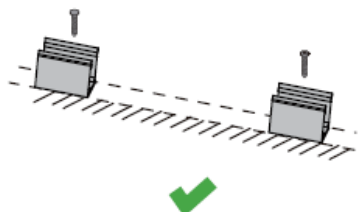


Installation Guidance:

Installation of clip

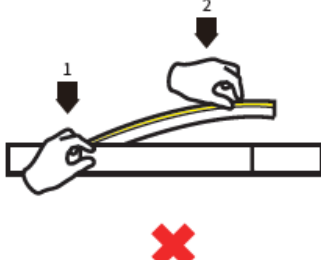
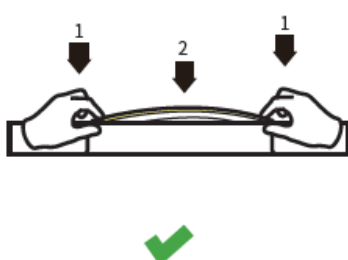
1. Use screws to fix the clips or carriers on the mounting position

⚠ Clip: 3 clips can be used for 1m;



Installation of carrier

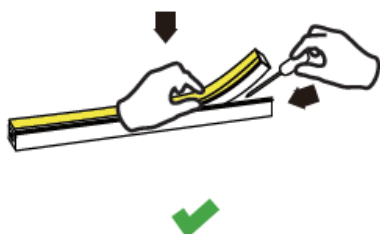
1. When installing the LED strip, install it from both ends at the same time, installation from one direction is prohibited.



- ⚠ If the length of LED strip is over 2m, it is recommended to install by two persons.



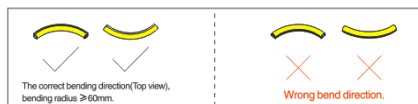
2. Use tool to disassemble carefully, and do not pull the LED strip directly.



- ⚠ If the length of LED strip is over 2m, it is recommended to disassemble by two persons.



Packaging Solutions:



PN:NNT1615
Color:2700K
DC24V

PN:NNT1615
Color:2700K
DC24V

NNT1615

Power(Typ): 12W/m
Power(Max): 11W/m
Color/CCT: 2700K
IP: IP67

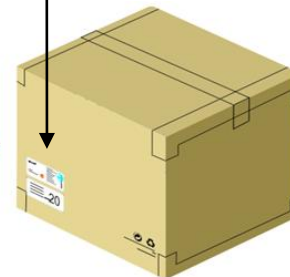
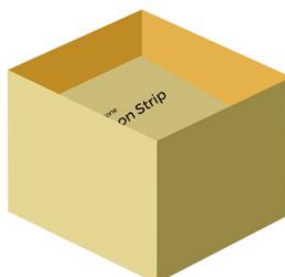
Type: Silicon neon strip
Part NO: NNT1615xxxxxx
SO: xxxxxx
Size: 15000x16x15mm
Voltage: DC24V

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2700K

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

No.:



Name	Bending direction	Product size	Product Quantity/box	Product Quantity/case	Product net weight (kg)	Net weight per box (kg)	Gross weight (kg)	Carton size
NNT1615-8XX24CSN050CC1500	Top view	L15000*16*15mm	15M*1	60M	3.15	12.6	14.08	0.41*0.41*0.26M

Ordering Code:

Category	Series	Bending direction	Section size	-	CRI	CCT	Voltage	Silk printing	Entry cable	Wire type	Wire length	Brand code	Label type	LED strip length
N	Silicone Neon Strip	Dom ed Neon Series	16*15mm	-	80	LW2300K SW2600K WW3000K NW4000K DW5000K	24V	C	One end	NVC	050 500mm	C	COLORS	1500M
								S	Customized		200 2000mm		Customized	
								N	Neutral					

Ordering example : NNT1615-8LW24CSN050CC1500



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 radius less than 60mm to ensure the longevity and reliability, the bending radius 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.

