

Specification

Silicone neon strip Moonlight series NMS1217

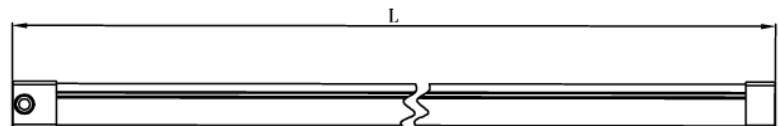
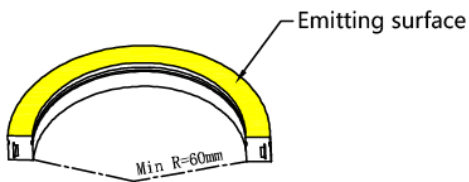




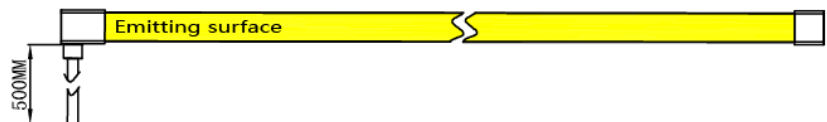
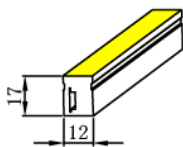
Features:

- **Light source:** High luminous efficiency, SMD2835、2735、5050LED , 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 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:-20~45°C / 0°C ~ 60°C.
- **Life Span:** 36000H, 3 years warranty.

Structure Parameters:



Note : L=5000mm



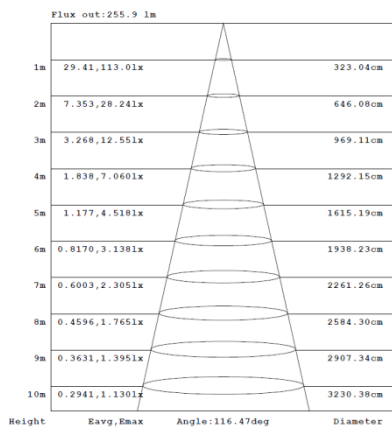
Basic Parameters:

Model	CCT/Colors	CRI	Input voltage (V)	Rated current (A)	Rated power (w)	Lumens (LM)	Size (mm)	Max.length	Cutting unit (mm)	Beam angle	IP						
NMS1217-8XX24CSN050CCXXX	2300K	> 80	24	0.4	9.6	370	W12*H17	5000mm & 10000mm	50	115°	IP67						
	2700K					380											
	3000K					360											
	4000K					360											
NMS1217-0X24CSN050CC0500	R 620-630nm	/	24	0.34	8	/		5000mm									
	G 525-530nm					/											
	B 465-470nm					/											
	Y 587-592nm					/											
NMS1217-0RGB24CSN050CC0500	RGB R 620-630nm G 525-530nm B 465-470nm			0.5	12	200							83				

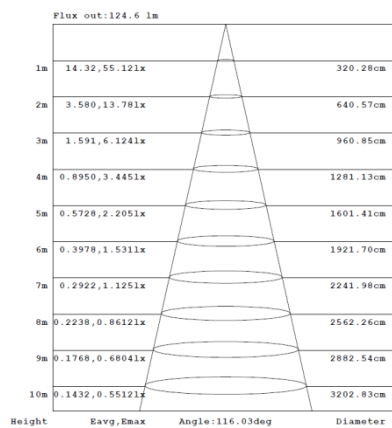
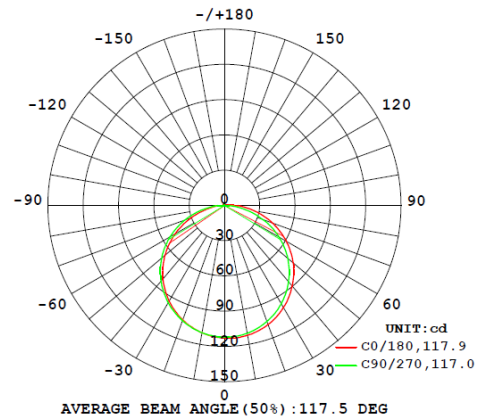
Note :

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

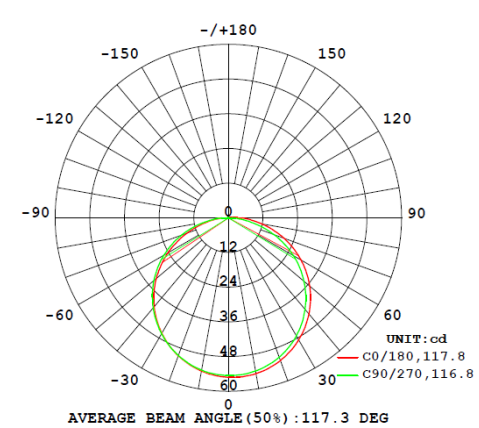
Light Distribution:



White Light Neon Strip



RGB Neon Strip

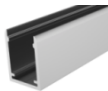
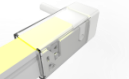


AAI Figure

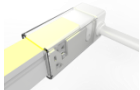
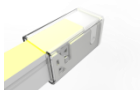
Photometric of 1M strip



Accessory information:

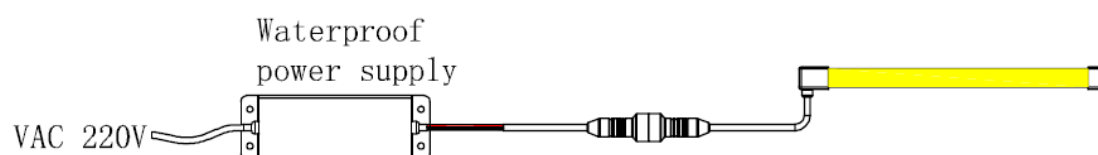
Name	Description	Image	Ordering code	Product quantity/case	Product net weight (kg)	Net weight per box (kg)	Gross weight (kg)	Package size (mm)	Remark
Aluminium carrier	Flat mounting aluminum groove		AS-NMS1217A-1000	12 PCS	0.159	1.9908	3.0408	1290*112*50	L:1000mm attached screw
Aluminum clip	Flat mounting of clip		AS-NMS1217A-25	350 PCS	0.004	2.205	2.355	250*250*150	L:25mm attached screw
Aluminium carrier	Aluminum groove of reserved outlet position		AS-NMS1217A1-1000	8 PCS	0.1755	1.4592	2.5092	1290*112*50	L:1000mm attached screw
Aluminum clip	Clip of reserved outlet position		AS-NMS1217A1-25	300 PCS	0.0044	2.01	2.16	250*250*150	L:25mm attached screw
PC carrier	Flat mounting PC groove		AS-NMS1217P-1000	12 PCS	0.08	1.0428	2.0928	1290*112*50	L:1000mm attached screw
PC clip	Flat mounting PC clip		AS-NMS1217P-25	350 PCS	0.002	1.505	1.655	250*250*150	L:25mm attached screw
Mouldable groove	Moldable groove		AS-NMS1217M-500	100 PCS	0.0377	3.77	6.49	500*290*290	L:500mm attached screw
End cap set	Silica end cap set, with end cap and plug		AS-NMS1217GS0-EC	400 PCS	0.0035	1.4	1.7	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-0001	150 PCS	0.01541	2.31	2.61	250*250*150	Suitable for white light neon strip
Wire	2P PVC wire (2M)		AS-WS-0002	125 PCS	0.0616	7.7	8		
Wire	4P PVC wire (0.5M)		AS-WS-0003	150 PCS	0.0194	2.91	3.21	250*250*150	Suitable for RGB neon strip
Wire	4P PVC wire (2M)		AS-WS-0004	125 PCS	0.0776	9.7	10		
Soldering-free waterproof end cap	Quick connector(cable direction_end)		AS-NMS1217HT0-FL	48PCS	0.048	2.3	4.115	365*365*190	Cable length:500mm\IP67
Soldering-free waterproof end cap	Quick connector(cable direction_bottom)		AS-NMS1217HB0-FL	48PCS	0.048	2.3	4.115	365*365*190	Cable length:500mm\IP67
Soldering-free waterproof end cap	Quick connector(cable direction_left side)		AS-NMS1217HL0-FL	48PCS	0.048	2.3	4.115	365*365*190	Cable length:500mm\IP67



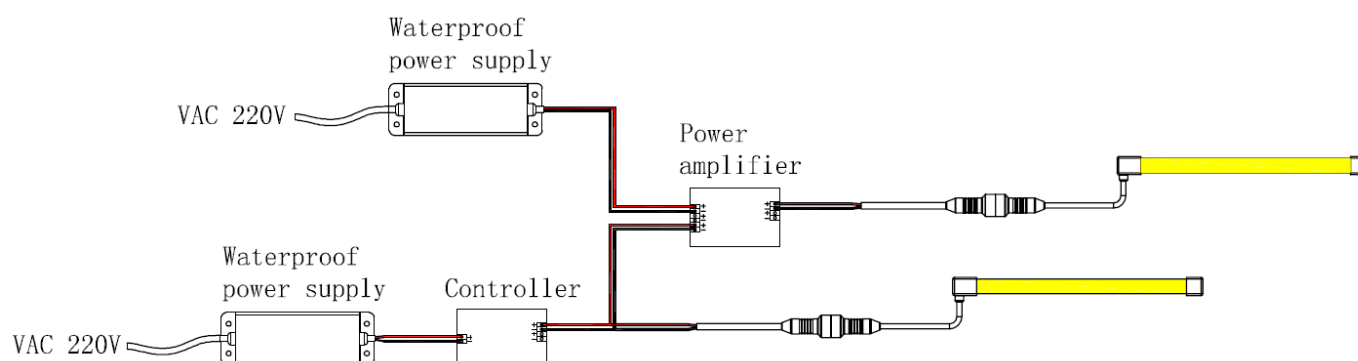
Soldering-free waterproof end cap	Quick connector(cable direction_right side)		AS-NMS1217HR0-FL	48PCS	0.048	2.3	4.115	365*365*190	Cable length:500mm\IP67
Soldering-free waterproof end cap	Quick end cap		AS-NMS1217HX0-FL	48PCS	0.035	1.68	3.495	365*365*190	IP67

Wiring Diagram:

Non-dimming connection mode:



Dimming connection mode:

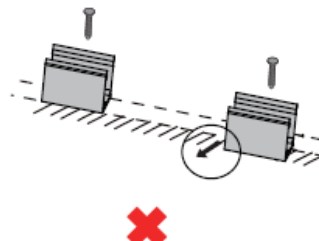
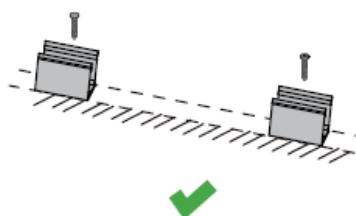


Installation Guidance:

Installation of clip

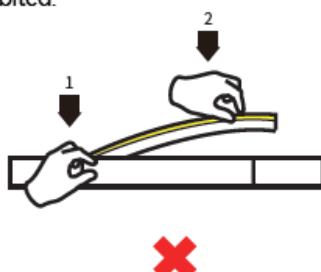
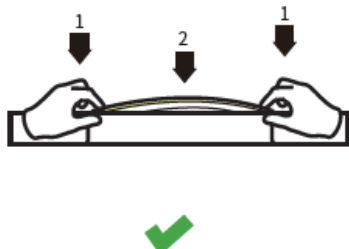
1. Use screws to fix the clips or carriers on the mounting position

⚠ 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.

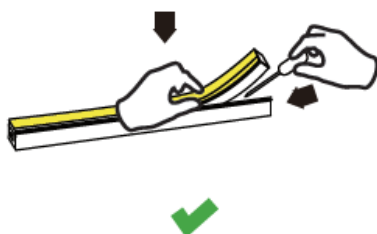


- ⚠ If the length of LED strip is over 2m, it is recommended to install by two persons.

> 2m

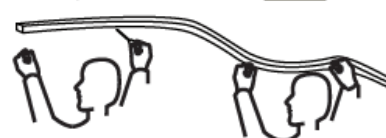


2. Use tool to disassemble carefully, and do not pull the LED strip directly.



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

> 2m



Packaging Solutions:



PN:NMS1217
Color:2700K
DC24V

PN:NMS1217
Color:2700K
DC24V

NMS1217

Power(Typ): 10.6W/m
Power(Max): 9.6W/m
Color/CCT: 2700K
IP: IP67

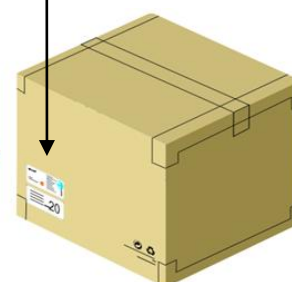
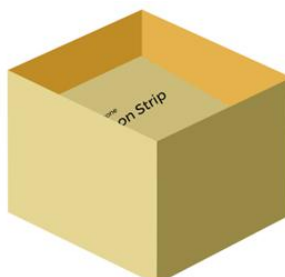
Type: Silicon neon strip
Part NO: NMS1217xxxxxx
SO: xxxxxx
Size: 5000x12x17mm
Voltage: DC24V


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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
NMS1217-8XX24CSN050CCXXX	Side view	L5000*12*17mm	5M*3	60M	1.18	14.16	15.64	0.41*0.41*0.26M
NMS1217-0X24CSN050CC0500		L10000*12*17mm	10M*1	40M	2.34	9.36	10.84	
NMS1217-0RGB24CSN050CC0500		L5000*12*17mm	5M*3	60M	1.18	14.16	15.64	
		L5000*12*17mm	5M*3	60M	1.18	14.16	15.64	

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	S	Side view	80	LW2300K SW2700K WW3000K NW4000K	24V	C	COLO	On end	0500m	C	COLO	0500M
							S	Custo		200m		C	1000M
					R Red G Green B Blue Y Yellow RGB		N	Neutra					

Ordering example : NMS1217-8SW24CSN050CC0500



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.

