



SPECIFICATION

FIO-LED

PVC NEON FLEX

Ultra-slim size, flexible bending. changes into thousands of styles.

IP67 excellent weather resistance.



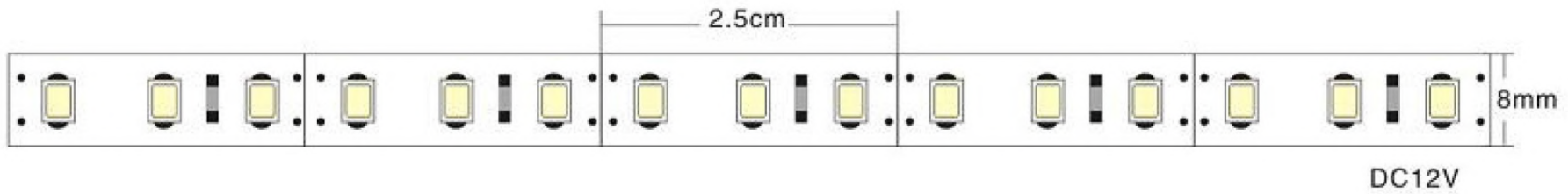


Features:

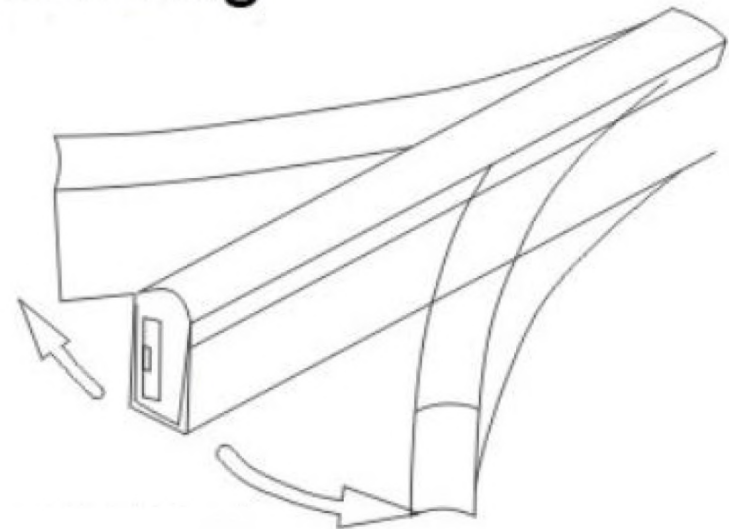
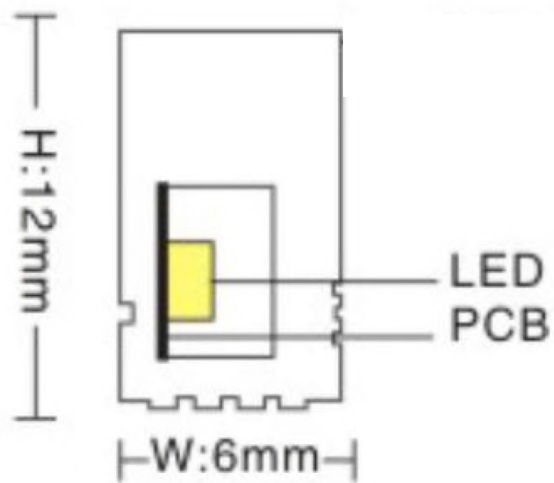
- Light source: High luminous efficiency, SMD2835 LM80 proved.
- Process & Material: High light transmittance, food-grade environmental PVC material, integrated extrusion molding technology, IP67.
- Optical Design: Unique optical light distribution structure design, uniform lighting surface and no shadow.
- 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.
- Environmental Features: Resistance to saline solutions, acids & alkali, corrosive gases and UV.
- Working/Storage Temperature: Ta: -40~60°C / 0°C~60°C.



Drawings



Vertical bending



Datasheet:

6 mm 2835 SMD PVC LED NEON

KOD Code	LED Adeti LED pcs.	LED Tipi LED Type	RENK Color	GERİLİM Voltage	GÜÇ Power	AKIM Current	IŞIK AKISI Luminous Flux	AÇI Angle	DALGA BOYU Wavelength /CCT
FNFLR067.0612	120	2835 SMD	Kırmızı	12 VDC	9,6 W	800 mA	45 LM	120	632,4 NM
FNFLYG67.0612	120	2835 SMD	Altın Sarısı	12 VDC	9,6 W		340 LM	120	586,9 NM
FNFLB067.0612	120	2835 SMD	Mavi	12 VDC	9,6 W		35,42 LM	120	446,9 NM
FNFL3067.0612	120	2835 SMD	Sıcak Beyaz	12 VDC	9,6 W		430 LM	120	3000K
FNFL4067.0612	120	2835 SMD	Naturel Beyaz	12 VDC	9,6 W		300 LM	120	4000K
FNFL1067.0612	120	2835 SMD	Soğuk Beyaz	12 VDC	9,6 W		360 LM	120	10000K
FNFLBI67.0612	120	2835 SMD	Açık Mavi	12 VDC	9,6 W		250 LM	120	448,2 NM
FNFLP067.0612	120	2835 SMD	Pembe	12 VDC	9,6 W		50 LM	120	462,6 NM

Note:

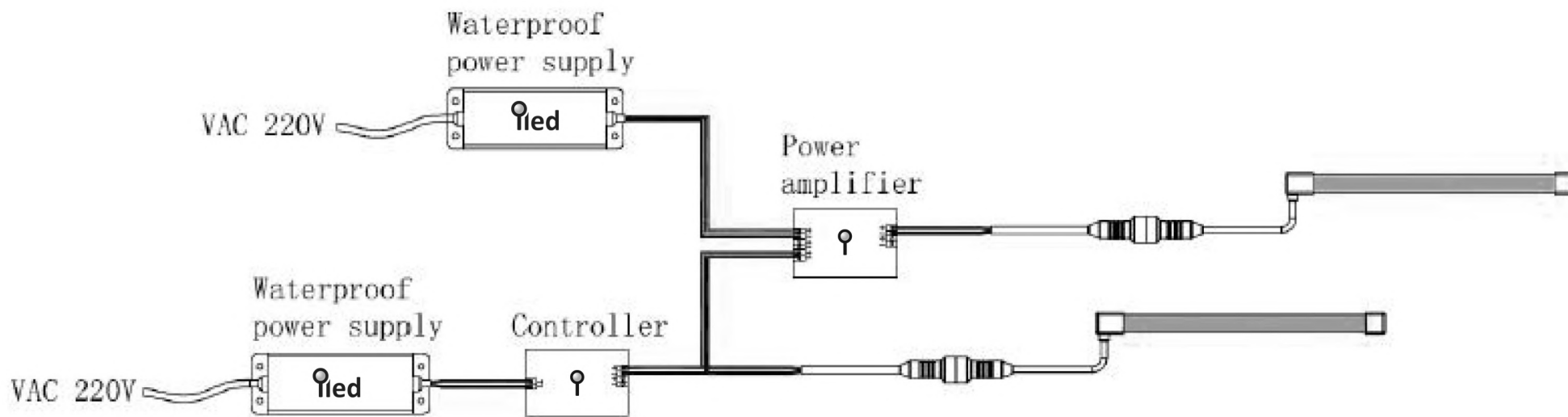
- 1、The above data is the testing result of 1M standard product;
- 2、The power and lumens of output data can be vary up to $\pm 10\%$;
- 3、The above parameters are all typical values;

Wiring Diagram:

Non-dimming connection mode:



Dimming connection mode:



Precautions:

- Use a 12V 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.