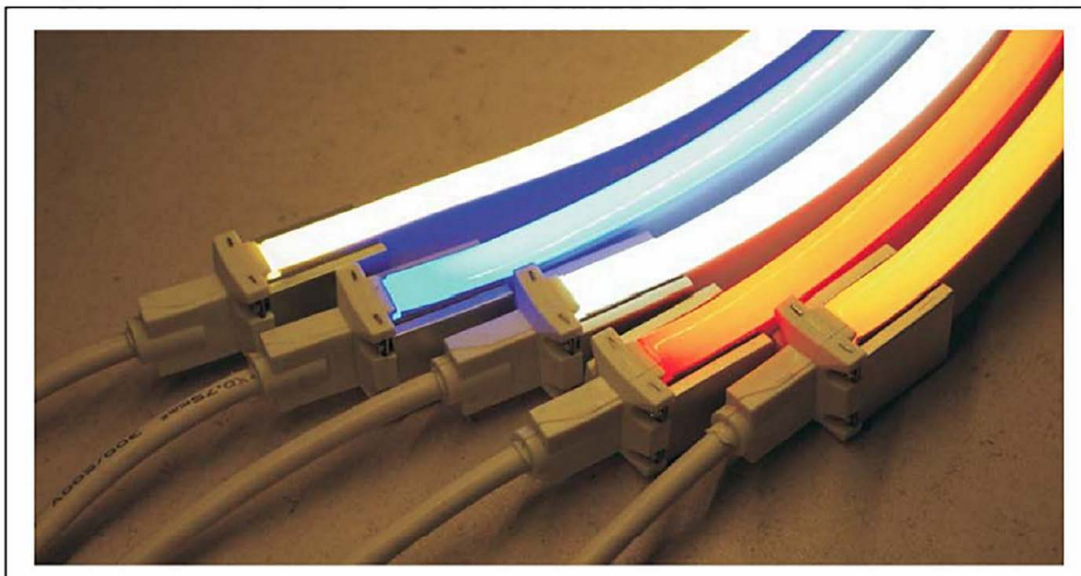


LEDPRO SERIES 2-5050
NEON-FLEX Dome and Flat
60 pcs/meter series
Sideview SMD LED NEON-FLEX Datasheet



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Features

- ✧ SMD LEDs: SMD5050 LED
- ✧ LED Qty: 60LEDs/m
- ✧ Voltage: DC24V
- ✧ Size: 20000*27*15.5mm
20000*20*11.5mm
- ✧ IK Class: IK08
- ✧ Waterproof Grade: IP68
- ✧ Maximum angle of bending $\leq 90^\circ$
- ✧ Min. Cutting Unit: 6LED or 10LED
- ✧ Min. Cutting Length: 10.0cm or 16.67cm
- ✧ Connection Length: $\leq 20m$
- ✧ Material: PVC Ivory White
- ✧ SMD Flexible Neon Strip lights can work with Controller to achieve more effects.

Application

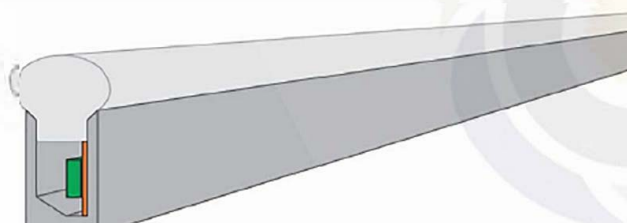
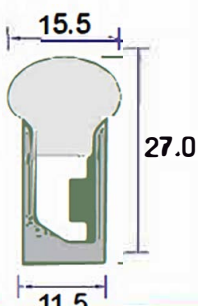
The products are widely used in the illumination and decorative lighting for piazza, restaurants, private villas, garden, conference room, exhibition hall, beautify the area environment, stage bar, shopping mall, parking sculpture, the tourist attractions.



20000*27*15.5mm Neon Strip Parameters

Model No.	LED Type	LED Qty /meter (pcs)	Input voltage (V)	Power /meter (W)	Color	Tc(K)/nm	Beam Angle (degree)	SMD LEDs /Unit (pcs)	IP Rating	Cutting Length (cm)	Weight (Kg/m)
NFS2-D-24V	5050 SMD	60	24Vdc	7.2	Orange	600~610nm	270°	6	IP68	10.0	0.53
				7.2	Red	620~630nm		6		10.0	
				12	Green	510~525nm		10		16.67	
				12	Blue	455~470nm		10		16.67	
				12	Yellow	590~600nm		10		16.67	
				12	White	2500~2900K 2800~3200K 4000~4500K 5500~6000K		10		16.67	

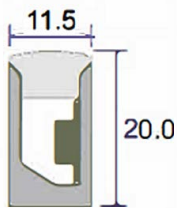
Dimensions (Unit: mm)



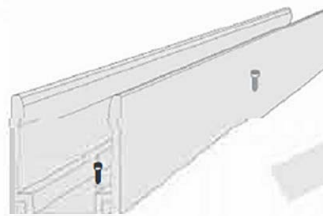
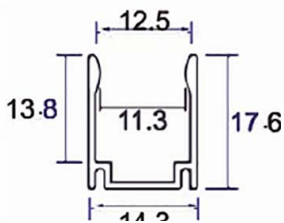
20000*20*15.5mm Neon Strip Parameters

Model No.	LED Type	LED Qty /meter (pcs)	Input voltage (V)	Power / meter (W)	Color	Tc (K)/nm	Beam Angle (degree)	SMD LEDs /Unit (pcs)	IP Rating	Cutting Length (cm)	Weight (Kg/m)
	5050 SMD	60	24Vdc	7.2	Orange	600~610nm	270°	6	IP68	10.0	0.38
				7.2	Red	620~630nm		6		10.0	
				12	Green	510~525nm		10		16.67	
				12	Blue	455~470nm		10		16.67	
				12	Yellow	590~600nm		10		16.67	
				12	White	2500~2900K		10		16.67	
				2800~3200K							
4000~4500K											
				12		5500~6000K			16.67		

Dimensions (Unit: mm)



Aluminium Channel Drawing



Every meter of aluminum channel has 2 screw holes. The installation usually requires installing aluminum channel as the first step, and then insert the LED neon product to the channel.



Cutting Mark

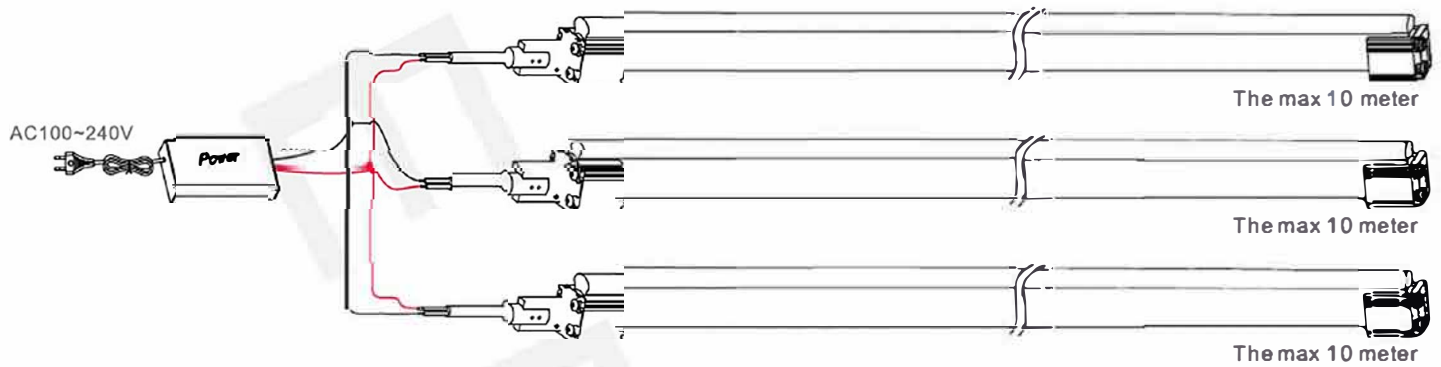


Linear Installation



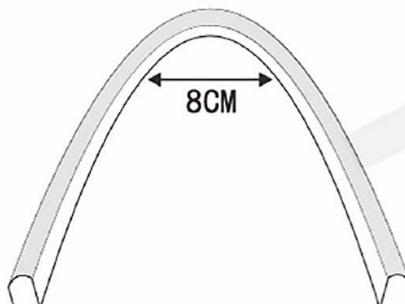
Curve Installation

Connect Drawing for dimmable

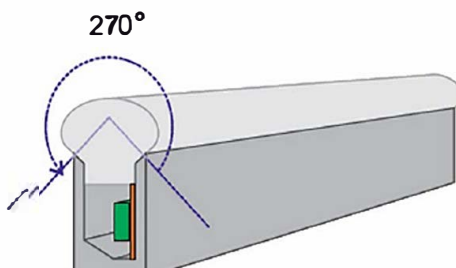


Bending Direction

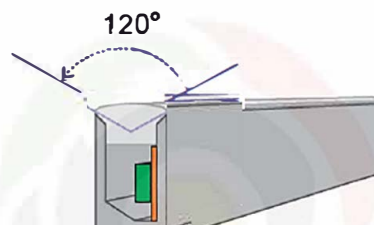
The minimum bending diameter is 8cm.



Illumination Angle

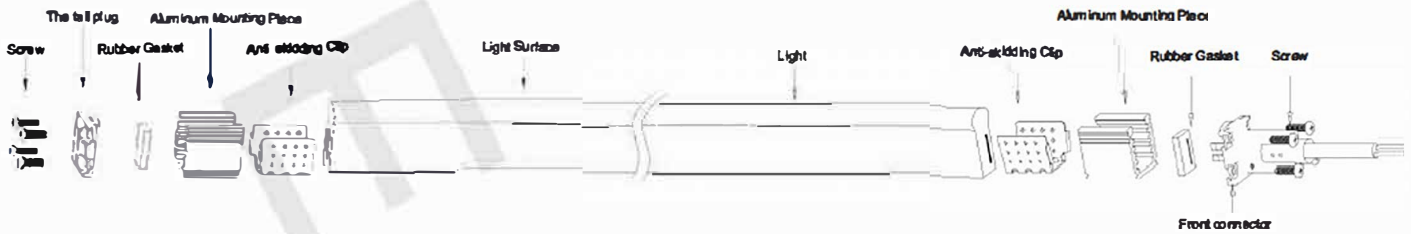


NFS2-D-24V



NFS2-F-24V

Accessories (Assembling of DIY accessory)



Step-1	
Step-2	
Step-3	
Step-4	
Step-5	
Step-6	

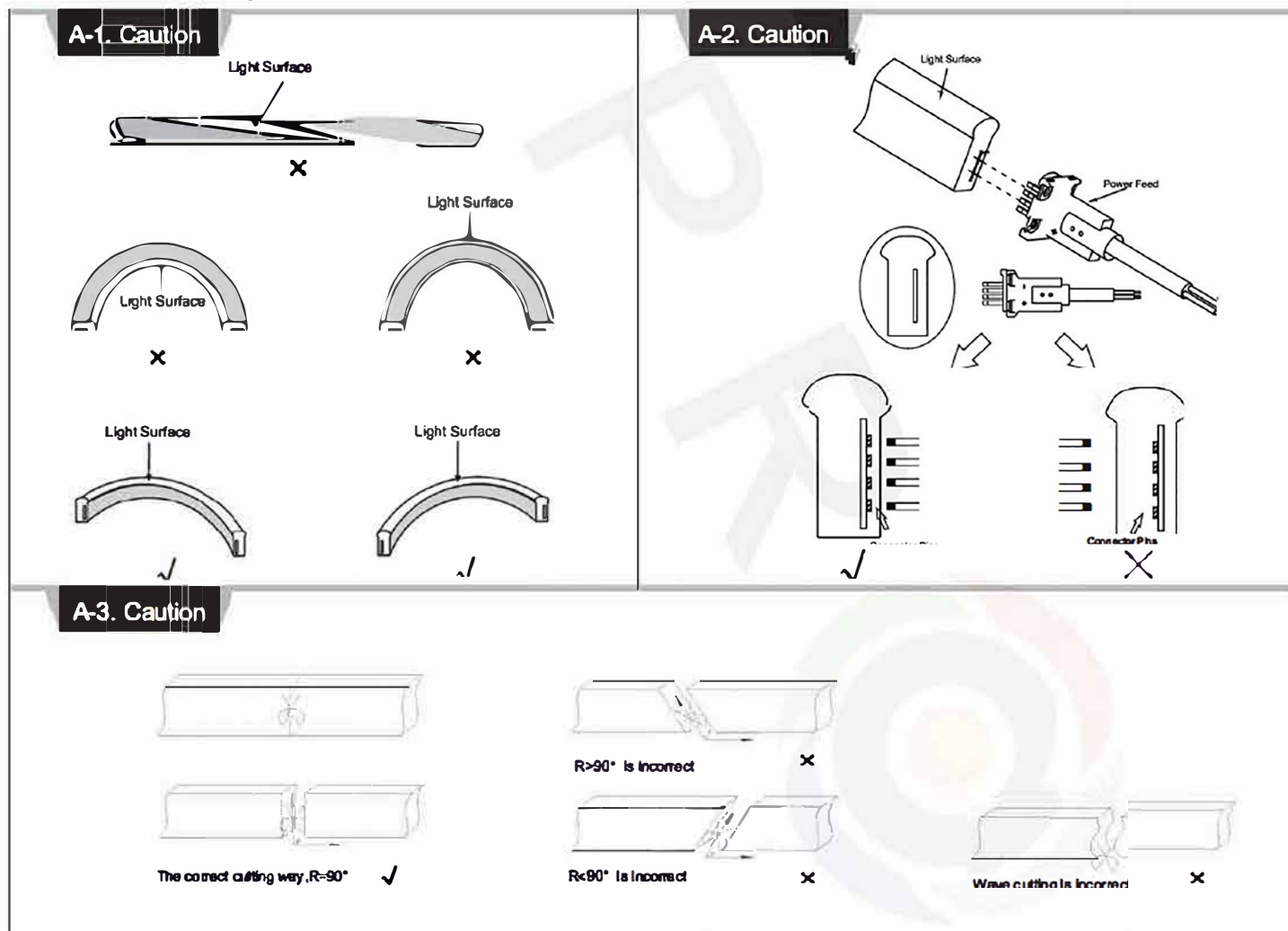
NOTE:
 Please read these instructions carefully before installation
 leave a copy for the end user / maintenance engineer for future reference

Precautions

Detailed Installation Instruction

- Do not over extend the min. & max. bend radius.
- Although products do not generate a great amount of heat, it is recommended that you do not cover or conceal it.
- Do not puncture, cut, shorten or splice LED neon outside of the designated cutting marks.
- Do not route LED flex neon through walls, doors, windows, or building structures.
- Do not roll out LED flex neon on rough surfaces and over sharp corners. This will scratch the PVC optic.
- Do not use the product if outer PVC jacket is damaged, loose connections, or if the wire is visible without insulation.
- Do not secure the product with staples, nails, or like means that might damage the insulation or PVC material.
- Do not installed LED flex neon on/in places where it is subject to continuous flexing.
- Do not operate/run LED flex neon in temperatures exceeding 45C or 115F.
- Do not operate LED flex neon over the specified voltage or LED life degradation will be greatly increased.
- Do not leave any part of the LED flex neon unsecured. Movement over time from weather can cause damage from continuous movement.
- All led neon ip68 rated connectors must be assembled properly to obtain rating.
- Do not reverse polarity when connecting from both ends. This will damage the internal PCB board. Always test connections with your multi-meter.
- Do not energize LED flex neon in the reel package.
- LED flex neon can be cut only where marked. Look for "Dotted Line" or "Scissor Mark".
- Cutting outside of the specified mark will damage the light.
- _Do not cut while the LED flex neon is connected with power.

Accessory Assembling



Packing Specification



Model No.	Length/reel (meter)	Inner box G.W/reel (Kg)	Carton Size(mm)
NFS2-D	20	10.5	L33*W33*H18
NFS2-F	40(2 x 20meter)	15.0	L33*W33*H18

Note

2 Years Warranty