

LED Neon Strip

IP54 Slight Series

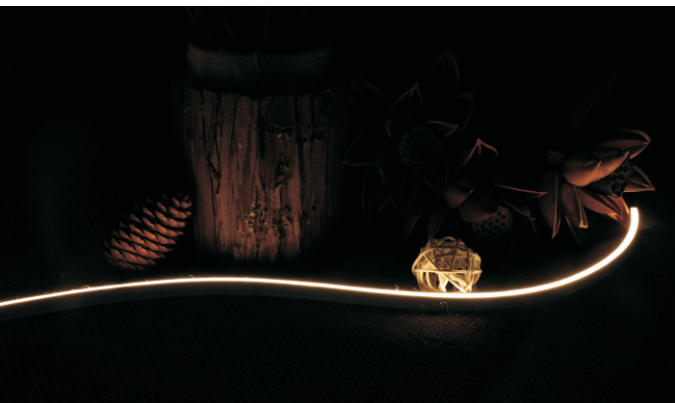
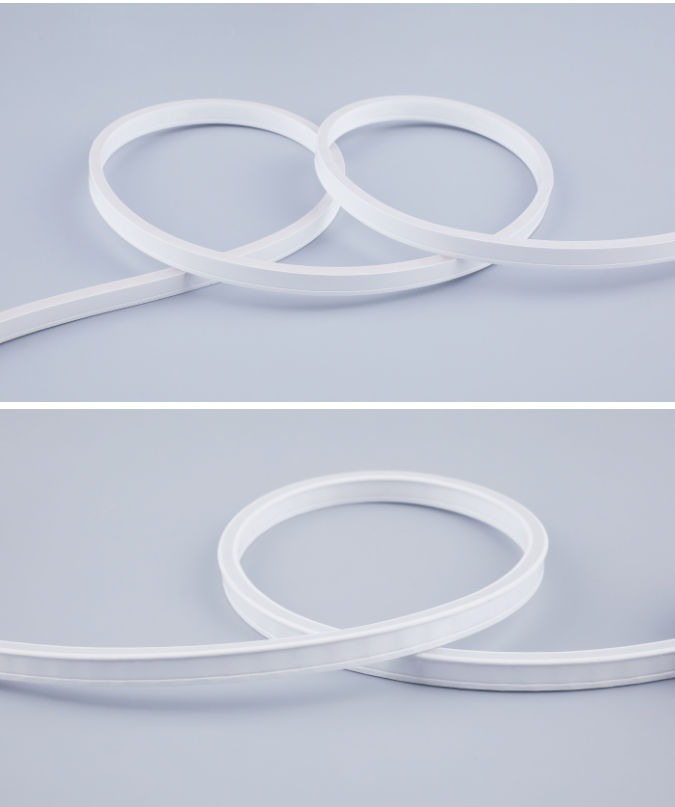
Free-Cutting Side-Bend NS-211 & NS-212

Features

1. Super flexible bending performance with ultra-slim size, exclusive for furniture lighting application.
2. Plane profile supports flush mounted into the groove of furniture.
3. Uniform, dot-free, smooth and comfortable luminary up to 10 meters [32.8ft.] run length.
4. On field cuttable and assembly to be any length, with two ends sealed by gluing process.
5. IP54 for indoor usage exclusive for furniture lighting.
6. Dimmable available with PWM signal.
7. Compared with traditional fragile glass and harden/yellowing easily PVC sheathing material, silicon extrusion technology is an advanced process, with high-efficiency production capacity and environmentally-friendly characteristics. Additionally, with high grade appearance, soft bend flexibility, strong impact resistant and high weather resistance.
8. 50,000h long lifespan, 5 years warranty, for indoor usage.
9. CE & UL approval.

Application

1. Decoration for showcase, advertising, display board.
2. Lighting for hotel, garden, bridge.
3. Corridor, ceiling, stair, path way.
4. Signage, architecture lighting.



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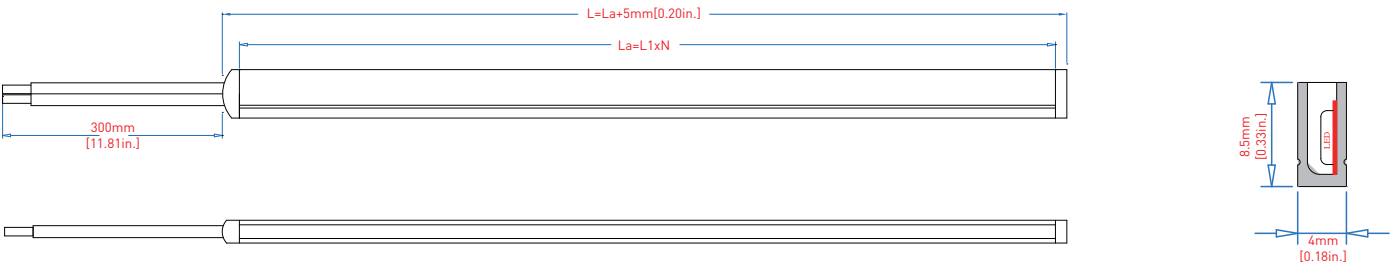
Specification

Dimension / Diagram

L: Total length
La: Length of LED strip light
Lb: Illumination surface length
L1: Minimum cutting unit
N: Number such as 1,2,3 N

Side-Bend NS-211 (without wings)

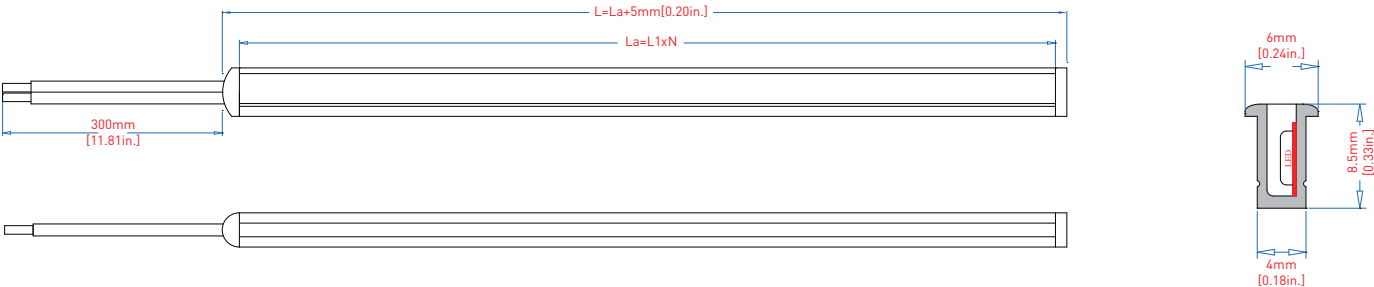
Power Rear Feed



L: Total Length, La: Strip Length, L1: Min. Length, N=1,2,3.....

Side-Bend NS-212 (with wings)

Power Rear Feed



L: Total Length, La: Strip Length, L1: Min. Length, N=1,2,3.....

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General Parameters

Part No.	Style	Dimension	Max. Length (La)	Min. Unit (L1)	LED Type	LED QTY	IP Rating	Operating Ambient	Lifespan	Warranty
NS-211XVAW-09 (without wings)	Side-Bend (White)	W4xH8.5mm [W0.16xH0.33in.]	3M [9.84ft.] @12VDC	Free cut to be any length	SMD 2835	120LED/M [36LED/ft.]	IP54	Ta: -20~45℃	50,000h(indoor) (L70B50@ Tc≤65℃, Tc is the temp. of LED pin)	5 years (indoor)
NS-212XVAW-09 (with wings)			5M [16.4ft.] @24VDC							
NS-211XVAW-06 (without wings)			6M [19.7ft.] @12VDC							
NS-212XVAW-06 (with wings)			10M [32.8ft.] @24VDC							

Photoelectric Parameters

Part No.	Style	Power ±10%	Operating Voltage	Finished Product CCT/ Wavelength	CRI80, 4000K		CRI90, 4000K	Beam Angle
					Luminous Flux±10%	Light Efficiency	Luminous Flux±10%	
NS-211XVAW-09 (without wings)	Side-Bend (White)	9W/M [2.74W/ft.]	DC12V DC24V	2700K±120K	240lm/M [75lm/ft.]			120°
NS-212XVAW-09 (with wings)				3000K±150K				
NS-211XVAW-06 (without wings)		3500K±300K		160lm/M [50lm/ft.]				
NS-212XVAW-06 (with wings)		4000K±300K						
		6W/M [1.83W/ft.]		5000K±400K				
				6500K±500K				

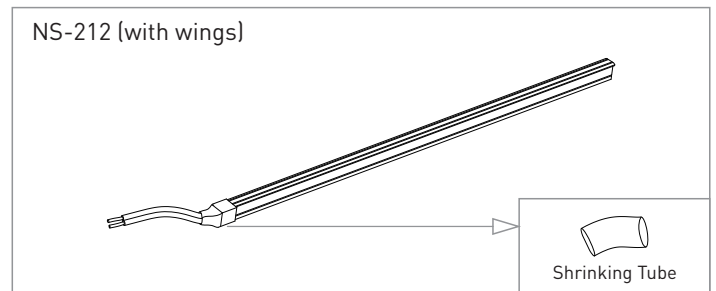
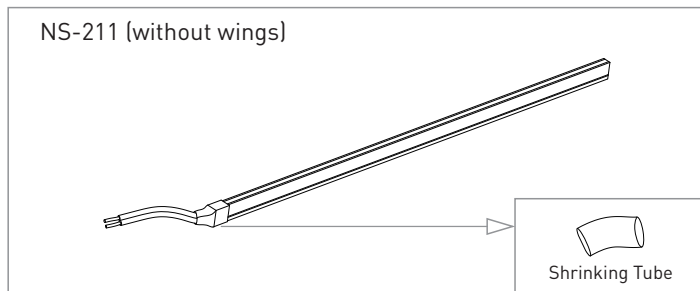
Note:

- (1) Luminous flux for CCT 2700K is 10% lower, for CCT 3000K/3500K is 5% lower, for CCT 5000K/6500K is the same, compared with 4000K.
- (2) The Max. Length (La) is defined as power fed on one side.
- (3) The standard packing length is fixed by default per reel without installation accessories, customized packing need to be evaluated.
- (4) Installation accessories pack should be ordered separately according to specific case.

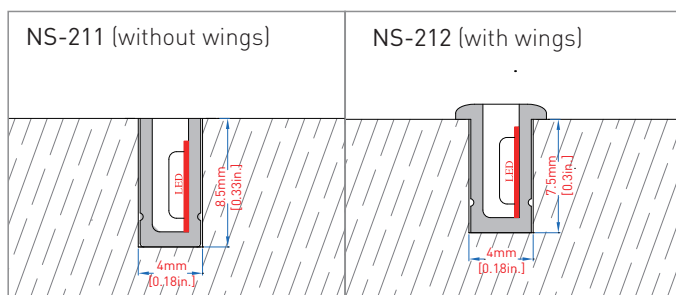
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General Characteristics

(1) Power cable in rear feed.



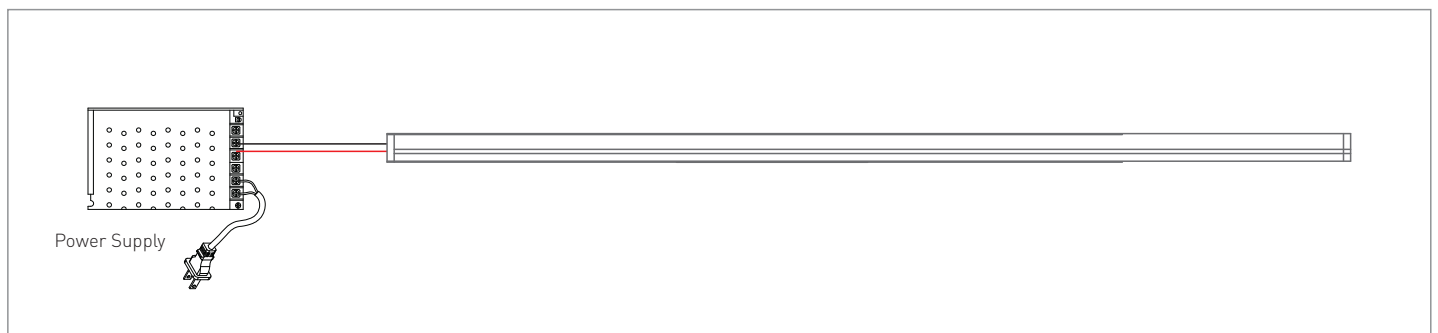
(2) Flush mounted into groove by gluing process.



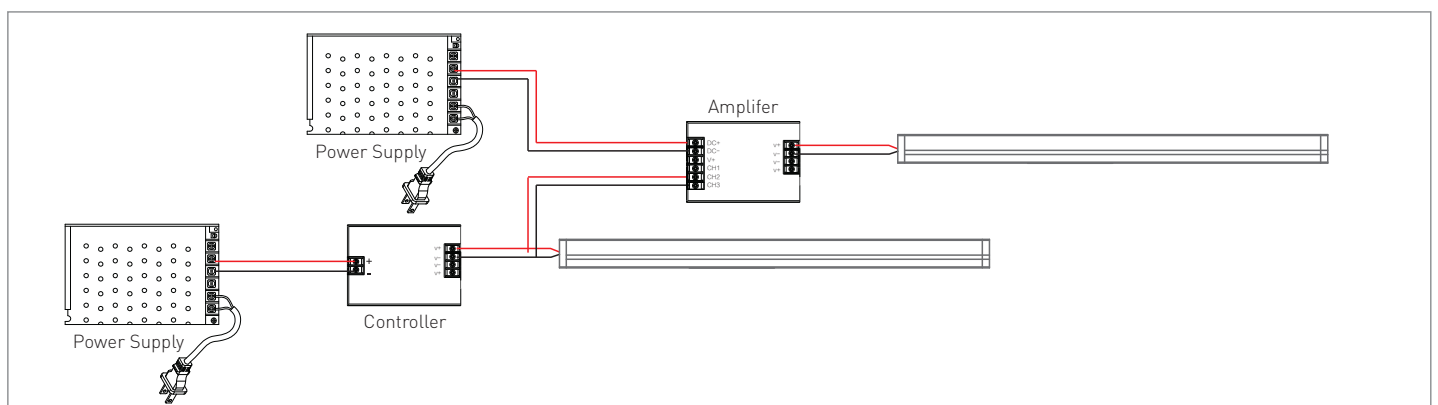
Note: Groove size requirement for flush mounted.

Connection

Non-dimmable Method

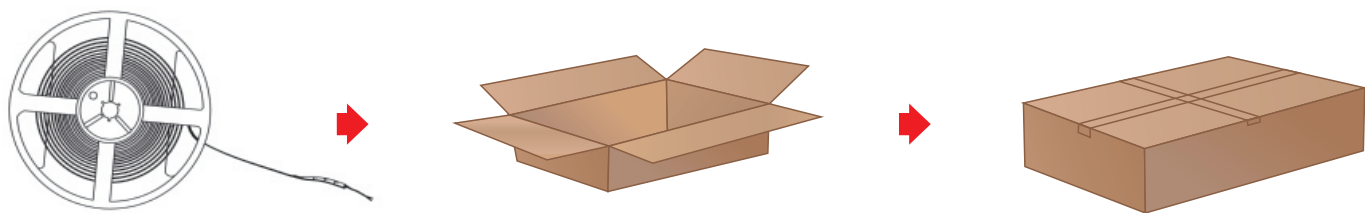


Dimmable Method



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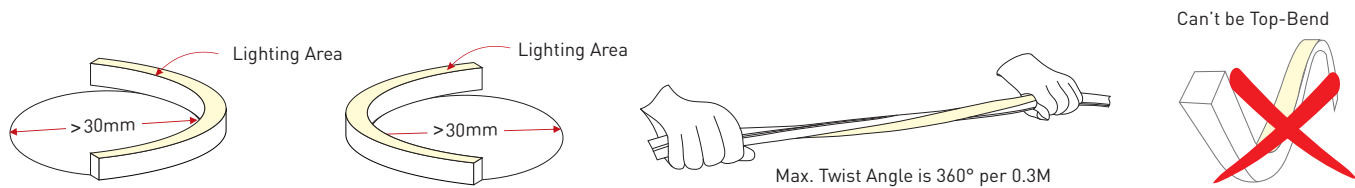
Packing



Part No.	Style	Product Dimension	Product N.W.	Carton Size	Product QTY/Carton	Carton Total G.W.
NS-211 (without wings)	Side-Bend	L5000*W4*H8.5mm [L197*W0.16*H0.33in.]	2.15kg	L386*W386*H175mm [L15.2*W15.2*H6.9in.]	5pcs	2.75kg
			3.2kg	L338*W160*H340mm [L13.3*W6.3*H13.4in.]		3.85kg
NS-212 (with wings)		L5000*W4*H8.5mm [L197*W0.16*H0.33in.]	2.3kg	L386*W386*H175mm [L15.2*W15.2*H6.9in.]	5pcs	2.9kg
			3.35kg	L338*W160*H340mm [L13.3*W6.3*H13.4in.]		4.05kg

Notice

1. Adopt suitable power supply with power is 20% higher than the max. power of luminary, to ensure long time performance of power supply.
2. Do not install it when power is on. Before powering on, make sure the wiring is correct.
3. Avoid privately changing or damaging the circuit or other component on the luminary.
4. Avoid scrape, twist and irregular bend during installation, which might cause non repairable status for the luminary.
5. Minimum bending diameter definition, for Side-Bend NS-211 & NS-212 is 30mm[1.18in.], too small bending diameter will break the luminary.
6. Minimum twist degree for Side-Bend NS-211 & NS-212, is 360° per 300mm[11.8in.] length.
7. Luminary linked in over long length will lead to problem of overload or uneven brightness.
8. To protect your eyes, do not stare at the luminary for a long time while it's illuminated.
9. Only professional personnel can install, dismantle and repair.
10. Bend and twist diagram is shown as below.



Edition

Release Date	Issuance of Category
2020.02.01	The 1st Version
2020.05.01	The 2nd Version
2020.07.25	The 3rd Version