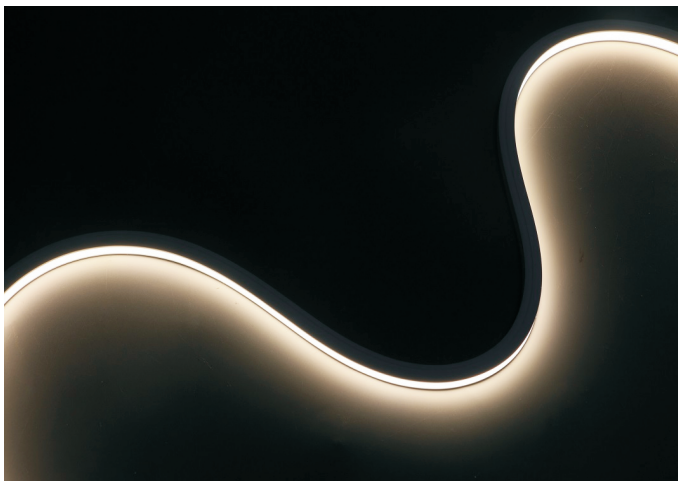


LED Neon Strip

IP65 Mini Series

Free Cutting Top-Bend NS-103 & Side-Bend NS-203



Features

1. Mini series makes very easy and flexible application and installation for surface mount or flush mount in cabinet, shelf etc.
2. Uniform, dot-free, smooth and comfortable luminary up to 10 meters[32.8ft] run length.
3. IP65 with endcap sealed by glue for indoor and outdoor usage.
4. On field cuttable and assembly available to be any length.
5. Dimmable available with PWM signal.
6. 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.
7. 50,000h long lifespan, 5 years warranty, for indoor usage.
36,000h long lifespan, 3 years warranty, for outdoor usage.
8. UL & TUV-CE 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.



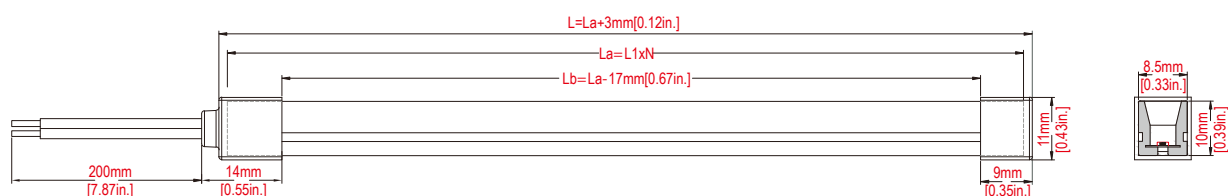
LED Neon Strip

Specification

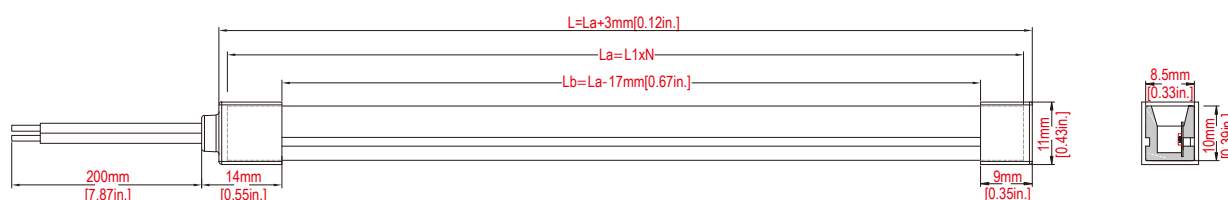
Dimension / Diagram

Top-Bend NS-103

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-203



General Parameters

Product No.	Style	Dimension	Max. Length (La)	Min. Unit (L1)	LED Type	LED QTY	IP Rating	Operating Ambient	Lifespan	Warranty
NS-103XVAW-10	Top-Bend (White)	W8.5xH10mm [W0.33xH0.39in]	5M [16.4ft]	Free-Cutting to be any length	SMD	120LED/M	IP65 (with gluing process)	Ta: -20~45	50,000h (indoor) 36,000h (outdoor) (L70B50@ Tc ≤ 65 °C, Tc is the temp. of LED pin)	5 years (indoor) 3 years (outdoor)
NS-203XVAW-10	Side-Bend (White)	W8.5xH10mm [W0.33xH0.39in]	5M [16.4ft]		2835	[36LED/ft]				

Photoelectric Parameters

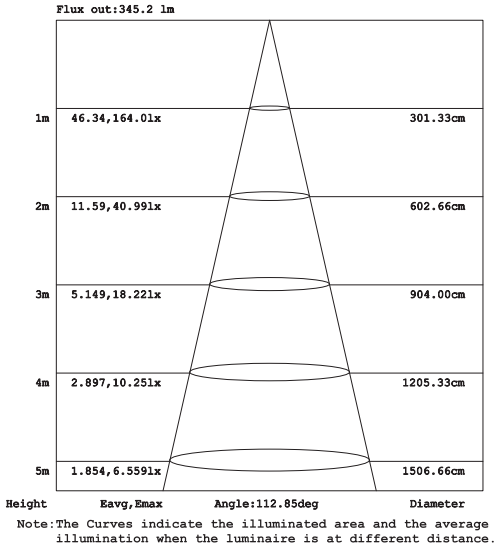
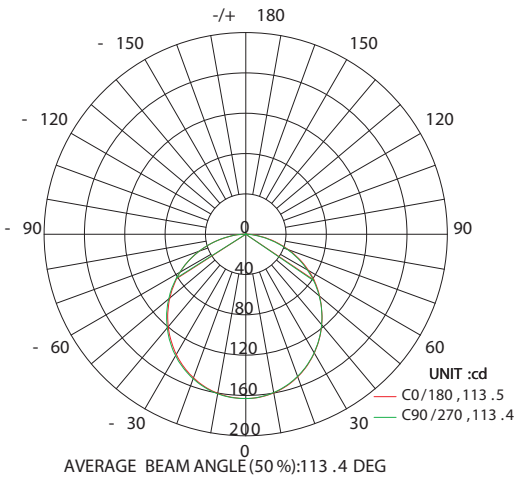
Product No.	Style	Power ±10%	Operating Voltage	Finished Product CCT/ Wavelength	CRI80, 2700K		CRI90, 2700K	Beam Angle
					Luminous Flux±10%	Light Efficiency	Luminous Flux±10%	
NS-103XVAW-10	Top-Bend (White)	10W/M	DC24V	2700K±120K 3000K±150K 3500K±300K 4000K±300K	680lm/M [170lm/ft]			120°
NS-203XVAW-10	Side-Bend (White)	10W/M		5000K±400K 6500K±500K				

Note:

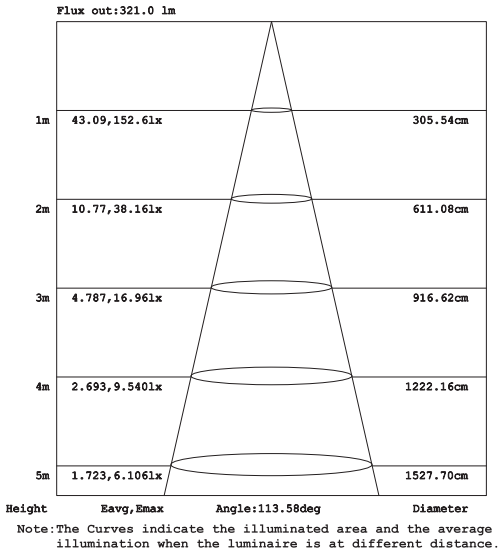
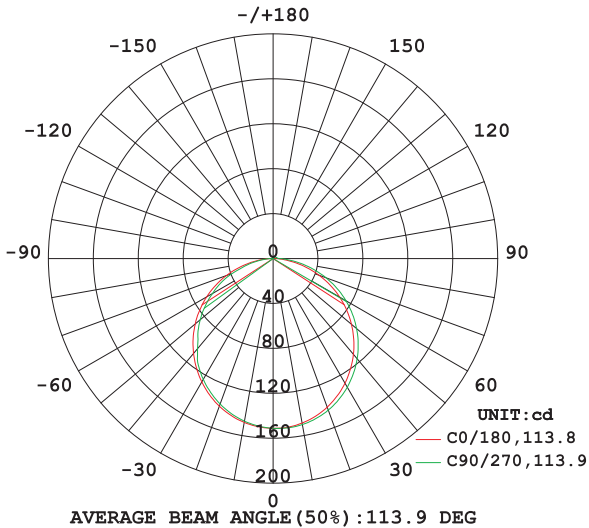
- (1) Luminous flux for CCT 3000K is 5% higher, for CCT 3500K/4000K is 8% higher, for CCT 5000K/6500K is 10% higher, compared with 2700K.
- (2) The Max. Length (La) is defined as power fed on one side.
- (3) The standard packing length is fixed by default per reel without installation accessories; customized packing length is required to be evaluated.
- (4) Installation accessories pack should be ordered separately according to specific case.

LED Neon Strip

Light Distribution Diagram



Top-Bend, NS-103 (10W, CRI80, 2700K)

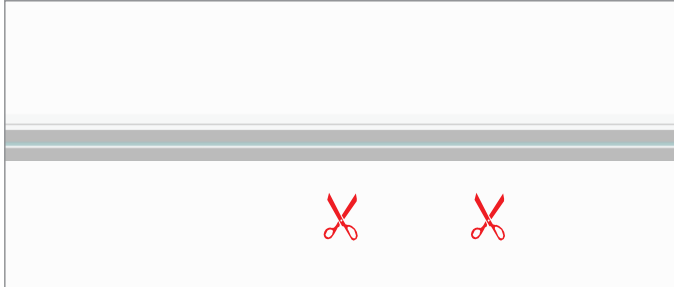


Side-Bend, NS-203 (10W, CRI80, 2700K)

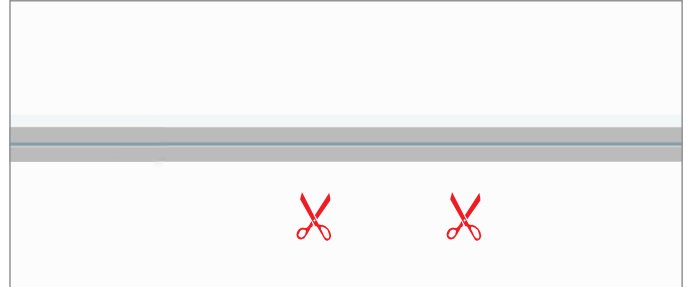
LED Neon Strip

General Characteristics

(1) Free cutting in any position to be any length.

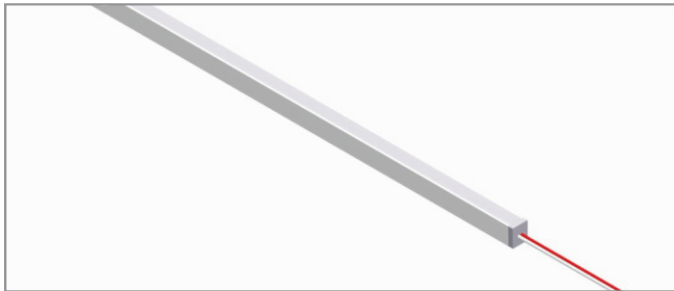


Top-Bend, NS-103



Side-Bend, NS-203

(2) Power cable in rear feed.

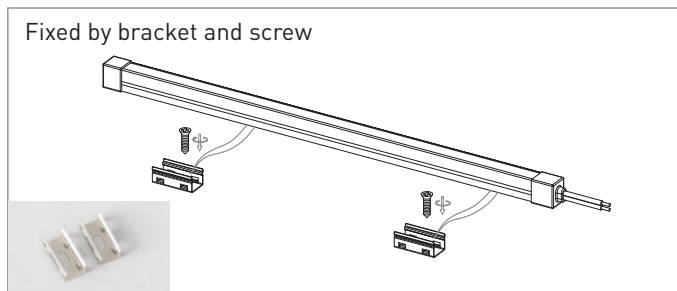


Top-Bend, NS-103

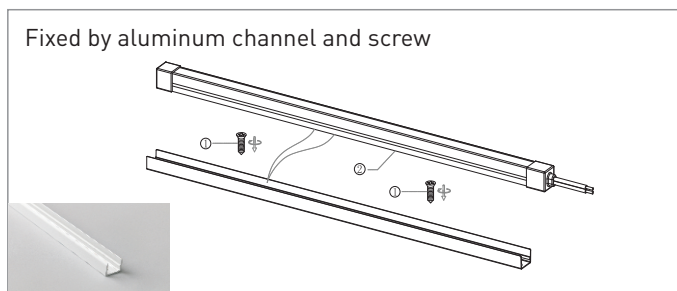
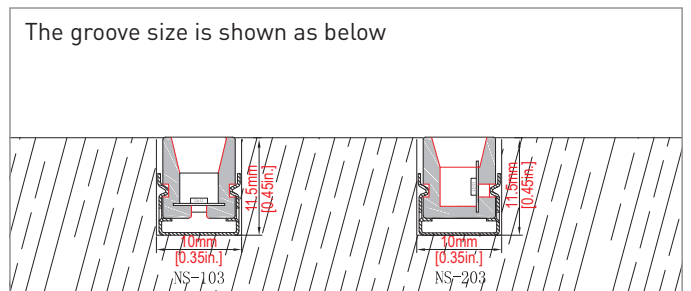


Side-Bend, NS-203

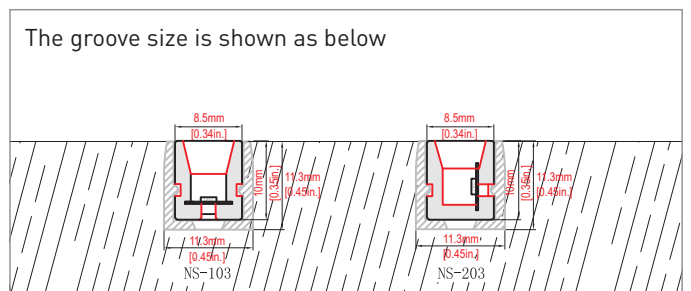
(3) Surface mounting or flush mounting, by bracket or aluminum channel.



Top-Bend, NS-103 / Side-Bend, NS-203



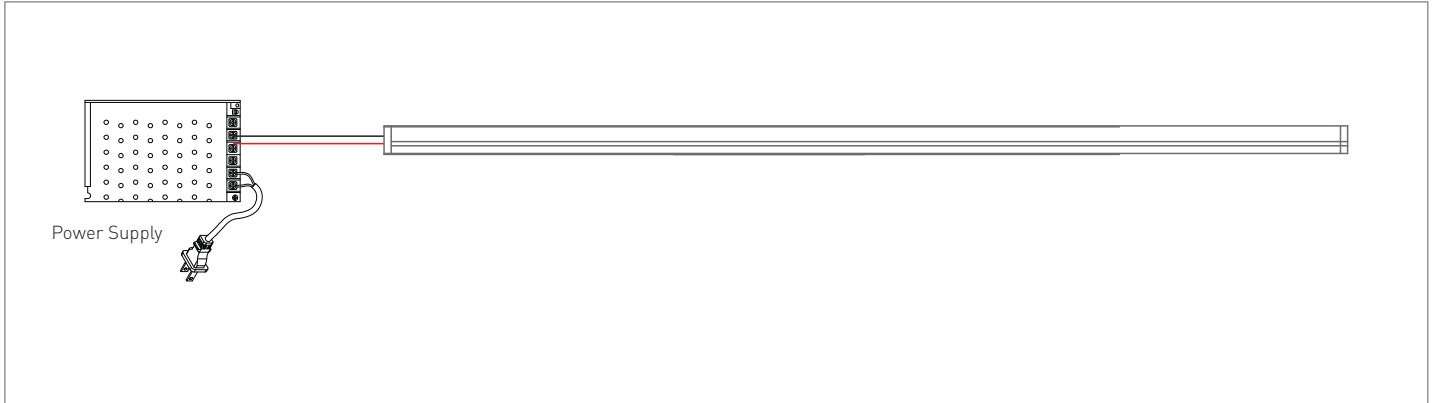
Top-Bend, NS-103 / Side-Bend, NS-203



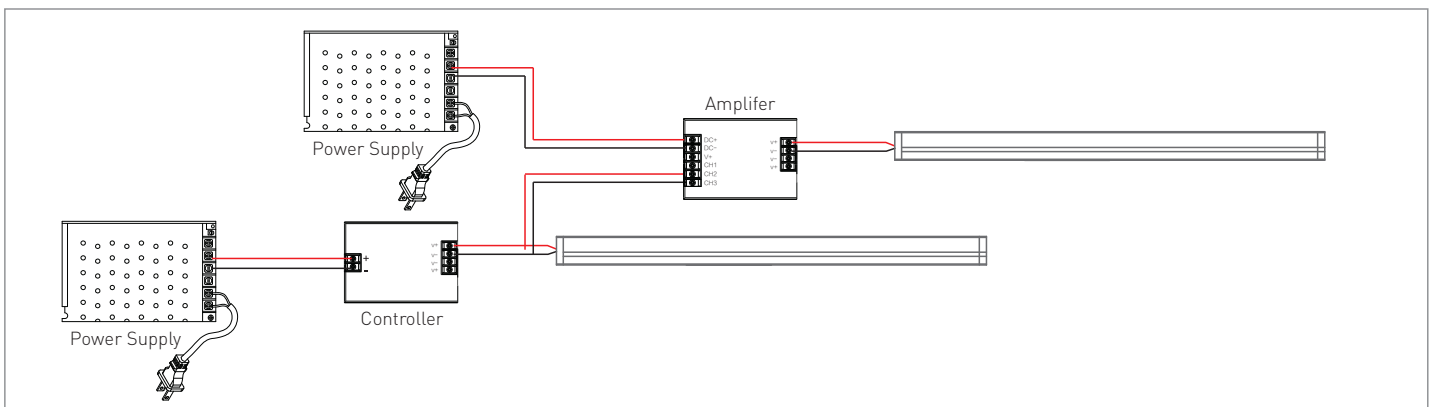
LED Neon Strip

Connection

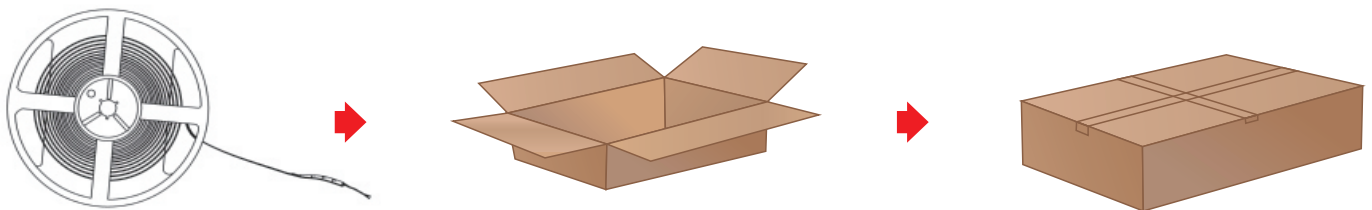
Non-dimmable Method



Dimmable Method



Packing



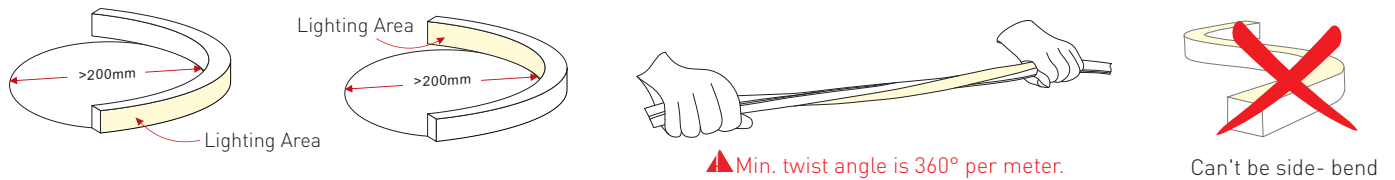
Part No.	Style	Product Dimension	Product N.W.	Carton Size	Product QTY/Carton	Carton Total G.W.
NS-103	Top-Bend	L5000xW8.5xH10mm [L197xW0.33xH0.4in]	3.42kg	338x160x340mm [13.3x6.3x13.4in]	5 pcs	4.15kg
		L10000xW8.5xH10mm [L394xW0.33xH0.4in]	5.67kg			6.35kg
NS-203	Side-Bend	L5000xW8.5xH10mm [L197xW0.33xH0.4in]	3.42kg	338x160x340mm [13.3x6.3x13.4in]	5 pcs	4.15kg
		L10000xW8.5xH10mm [L394xW0.33xH0.4in]	5.67kg			6.35kg

LED Neon Strip

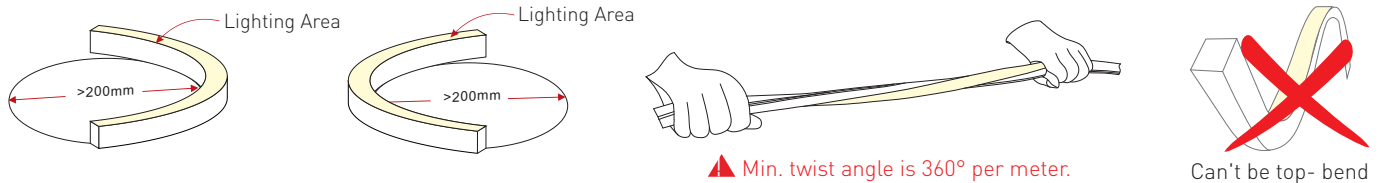
Notice

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 is 200mm[7.87in], too small bending diameter will break the luminary.
6. Minimum twist degree is 360° per 1000mm[39.4in.].
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.

NS-103



NS-203



Edition

Release Date	Issuance of Category
2020.07.25	The 1st Version