

## LED Neon Strip – Side-bend



### Highlights:

- Using top brand food grade silicon materials and co-extrusion manufacturing offers premium UV resistance, chemical stability, and against abrasion.
- IP68 - against to salt solution, weak acid, alkali corrosion and chlorination, waterproofing up to 3M underwater immersible application.
- Maximum up to 50 meters per continuous run length powered from one end.
- Optional profile kit, included: Aluminum profile, angle adjustable brackets, and stainless steel track;
- Dimming available with PWM signal.
- 50,000 hours lifespan.

### Application Areas:

- Ideal for decorative and contour lighting for commercial, architectural, swimming pool and landscape spaces.



## Technical Parameters:

Code	IB-NS-UL-SB24xxx-4.8W-1220-y (xxx: 2700K: 927, 3000K: 930, 4000K: 940, 6000K: 960; y: IP67: A, IP68: B)
<b>Electronic data</b>	
Input voltage	24VDC
Rated Power	4.8W/m
<b>Optical / Photometric</b>	
LED type	SMD 2835
LED Qty/m	120 LEDs/m
Lumen / meter @ 2700K	149 lm
Lumen / meter @ 3000K	158 lm
Lumen / meter @ 4000K	165 lm
Lumen / meter @ 6000K	165 lm
CCT	2700K / 3000K / 4000K / 6000K
CRI	≥ 90
SDCM	< 3
Beam angle	120°
<b>Mechanical</b>	
Dimension / reel (L*W*H)	50000*11.5*20mm
Housing material	Silicone
Ingress protection	IP67 / IP68 (optional)
Cutting length	50mm
<b>Others</b>	
Rated lifetime	50,000 hrs
Operating Ambient	20~45°C
Certification	RoHS, CE, UL

## Technical Parameters:

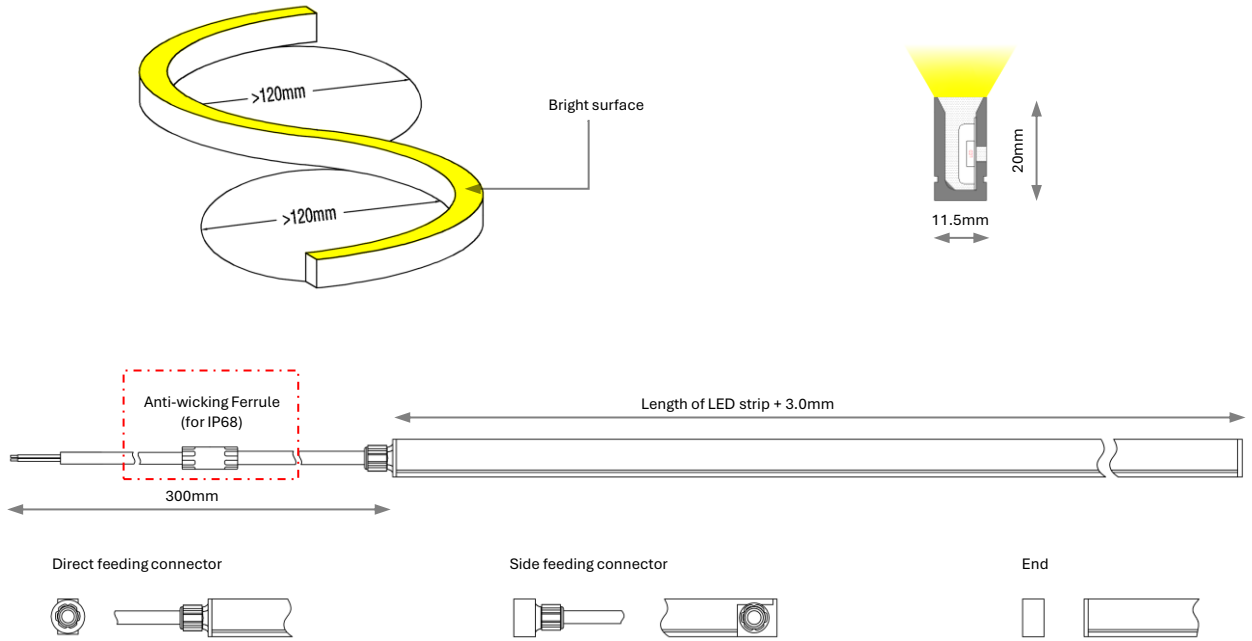
Code	IB-NS-UL-SB24xxx-9.6W-1220-y (xxx: 2700K: 927, 3000K: 930, 4000K: 940, 6000K: 960; y: IP67: A, IP68: B)
<b>Electronic data</b>	
Input voltage	24VDC
Rated Power	9.6W/m
<b>Optical / Photometric</b>	
LED type	SMD 2835
LED Qty/m	120 LEDs/m
Lumen / meter @ 2700K	296 lm
Lumen / meter @ 3000K	313 lm
Lumen / meter @ 4000K	329 lm
Lumen / meter @ 6000K	329 lm
CCT	2700K / 3000K / 4000K / 6000K
CRI	≥ 90
SDCM	< 3
Beam angle	120°
<b>Mechanical</b>	
Dimension / reel (L*W*H)	30000*11.5*20mm
Housing material	Silicone
Ingress protection	IP67 / IP68 (optional)
Cutting length	50mm
<b>Others</b>	
Rated lifetime	50,000 hrs
Operating Ambient	20~45°C
Certification	RoHS, CE, UL

## Technical Parameters:

Code	IB-NS-UL-TB24xxx-14W-1220-y (xxx: 2700K: 927, 3000K: 930, 4000K: 940, 6000K: 960; y: IP67: A, IP68: B)
<b>Electronic data</b>	
Input voltage	24VDC
Rated Power	14W/m
<b>Optical / Photometric</b>	
LED type	SMD 2835
LED Qty/m	120 LEDs/m
Lumen / meter @ 2700K	432 lm
Lumen / meter @ 3000K	456 lm
Lumen / meter @ 4000K	480 lm
Lumen / meter @ 6000K	480 lm
CCT	2700K / 3000K / 4000K / 6000K
CRI	≥ 90
SDCM	< 3
Beam angle	120°
<b>Mechanical</b>	
Dimension / reel (L*W*H)	20000*11.5*20mm
Housing material	Silicone
Ingress protection	IP67 / IP68 (optional)
Cutting length	50mm
<b>Others</b>	
Rated lifetime	50,000 hrs
Operating Ambient	20~45°C
Certification	RoHS, CE, UL

## Dimension

Unit: mm



## Accessories (ordered separately)

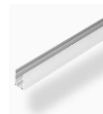
Flexible bracket



Fixed bracket



Aluminum profile



## Note:

- We are not responsible for damage of neon strip due to chemical corrosion caused by incorrect operation. The user must provide suitable protection against serious corrosive agents, such as moisture and condensation and any other harmful elements/compounds.
- Regarding the use and management of cleaning agents, avoid directly spraying high concentration cleaning agents on the surface of the neon strip, and regularly check the chlorine content in the water (to maintain a range of 1-3 ppm).
- To ensure the stability of the appearance, materials, and quality of the neon strip, the pH of long-term disinfectant and soaking liquid used should be within the range of 6-8.
- Adopt suitable power supply with power is 20% higher than the max. power of luminary, to ensure long time performance of power supply.
- Do not install it when power is on. Before powering on, make sure the wiring is correct.
- Avoid privately changing or damaging the circuit or other component on the luminary.
- Avoid scrape, twist and irregular bend during installation, which might cause non repairable status for the luminary.
- Minimum bending diameter definition is 120mm, too small bending diameter will break the product.
- Luminary linked in over long length will lead to problem of overload or uneven brightness.
- To protect your eyes, do not stare at the luminary for a long time while it's illuminated.
- Only professional personnel can install, dismantle and repair.

## Edition

Data is subject to change without notice.  
Please contact us for detailed information.

Release Date	Issuance of Category
2025.07.21	The 1st. Version