

LED Neon Strip – Top-Bend



Highlights:

- Using top brand food grade silicon materials and co-extrusion manufacturing offers premium UV resistance, chemical stability, and against abrasion.
- IP67 for indoor and outdoor usage.
- Maximum up to 5 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 and landscape spaces.



Technical Parameters:

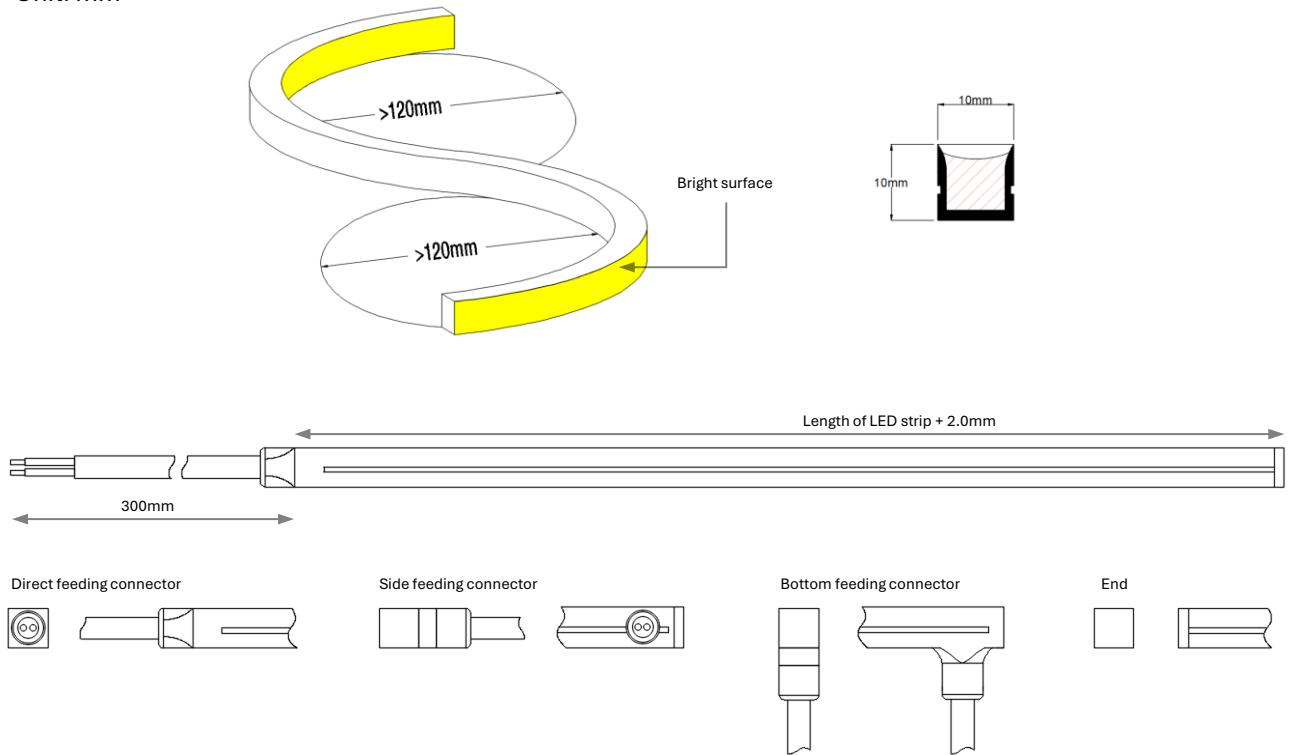
| Code | IB-NS-09B-TB24xxx-9W-1010 (xxx: 2700K: 927, 3000K: 930, 4000K: 940, 6000K: 960) |
|------------------------------|--|
| Electronic data | |
| Input voltage | 24VDC |
| Rated Power | 9W/m |
| Optical / Photometric | |
| LED type | SMD 2835 |
| LED Qty/m | 180 LEDs/m |
| Lumen / meter @ 2700K | 530 lm |
| Lumen / meter @ 3000K | 560 lm |
| Lumen / meter @ 4000K | 590 lm |
| Lumen / meter @ 6000K | 590 lm |
| CCT | 2700K / 3000K / 4000K / 6000K |
| CRI | ≥ 90 |
| SDCM | < 3 |
| Beam angle | 120° |
| Mechanical | |
| Dimension / reel (L*W*H) | 5000*10*10mm |
| Housing material | Silicone |
| Housing color | White |
| Ingress protection | IP67 |
| Cutting length | Free-cutting to be any length |
| Others | |
| Rated lifetime | 50,000 hrs |
| Operating Ambient | 20~45°C |
| Certification | RoHS, CE, UL |

Technical Parameters:

| Code | IB-NS-09B-TB24xxx-8W-1010 (xxx: 2700K: 927, 3000K: 930, 4000K: 940, 6000K: 960) |
|------------------------------|--|
| Electronic data | |
| Input voltage | 24VDC |
| Rated Power | 8W/m |
| Optical / Photometric | |
| LED type | SMD 2835 |
| LED Qty/m | 180 LEDs/m |
| Lumen / meter @ 2700K | 470 lm |
| Lumen / meter @ 3000K | 496 lm |
| Lumen / meter @ 4000K | 522 lm |
| Lumen / meter @ 6000K | 522 lm |
| CCT | 2700K / 3000K / 4000K / 6000K |
| CRI | ≥ 90 |
| SDCM | < 3 |
| Beam angle | 120° |
| Mechanical | |
| Dimension / reel (L*W*H) | 5000*10*10mm |
| Housing material | Silicone |
| Housing color | White |
| Ingress protection | IP67 |
| Cutting length | Free-cutting to be any length |
| Others | |
| Rated lifetime | 50,000 hrs |
| Operating Ambient | 20~45°C |
| Certification | RoHS, CE, UL |

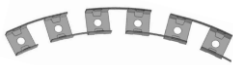
Dimension

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.
- 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.
- Minimum twist degree is 360° per 1000mm.
- 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 |
|--------------|----------------------|
| 2025.10.01 | The 1st. Version |