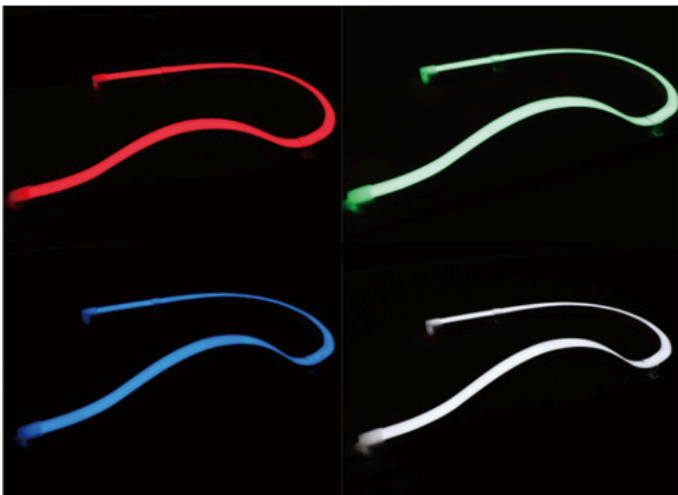


Flexcite Series

Dual-Bend NS-146



Gled Viet Nam



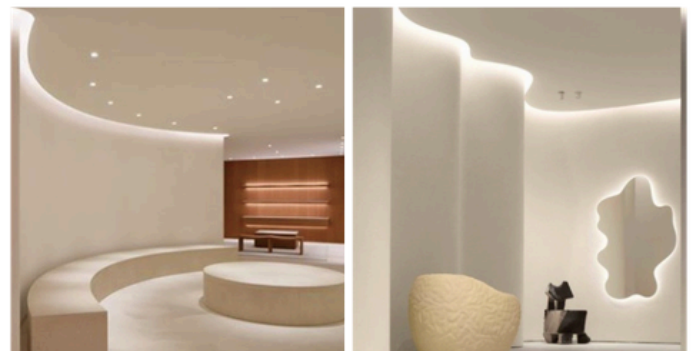
PROTECH

Features

1. Dual-bend performance to fix many plane, curved and complex irregular structures at will.
3. On-site cuttable and assembly for fast and flexible customization operation, with end cap sealed by gluing process.
4. Customized length with overall appearance in the same size by die-casting process.
- 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. Up to 36,000h LED lifespan and 3 years warranty.
8. IP67[wet] waterproofing for indoor and outdoor usage.

Application

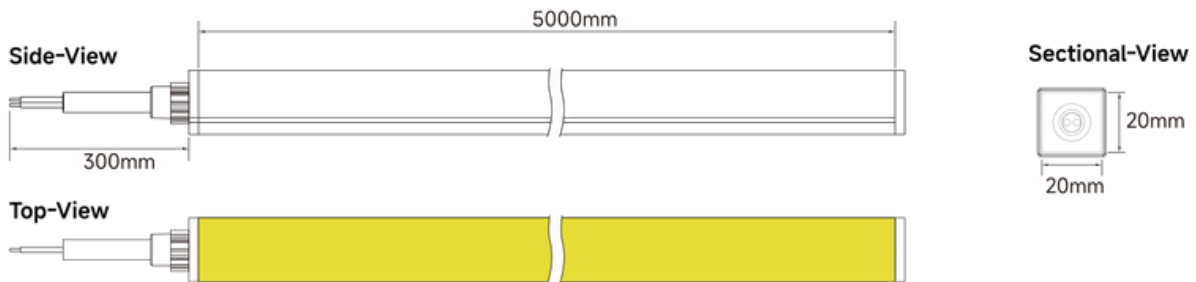
Ideal for decorative and contour lighting for commercial, architectural and landscape space.



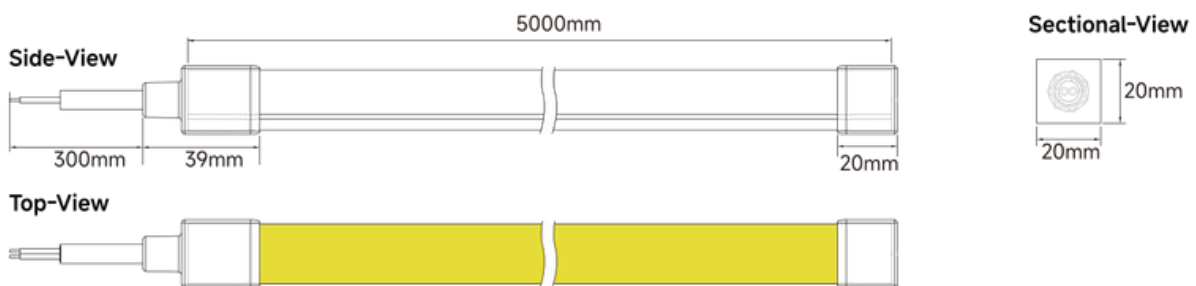
Specification

Dimension / Diagram

- Endcap sealed by die-casting process



- Endcap sealed by gluing process



General Parameters

Part No.	Style	Dimension	Max. Run Length (L _a) & Max. Shipping Length	Strip Increment (L ₁)	LED Type	LED QTY	IP&IK Rating	Operating Ambient	Lifespan	Warranty
NS -146DX24VAW-14 -2020FC	Dual-Bend (White)	W20xH20mm [W0.79xH0.79in.]	5M [16.4ft.] (Power fed on one side) & 30M [98.4ft.]	Free-cutting to be any length	SMD 2835	120LED/M [36LED/ft.]	IP67 [Vet] & IK07	Ta: -20~45°C [-4~113°F]	36,000h (L70@ Tc≤65°C [149°F], Tc is the temp. of LED pin.)	3 years

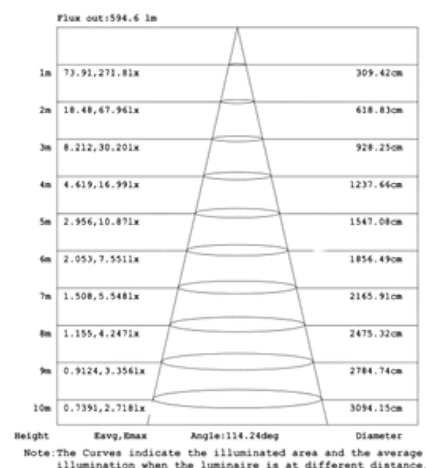
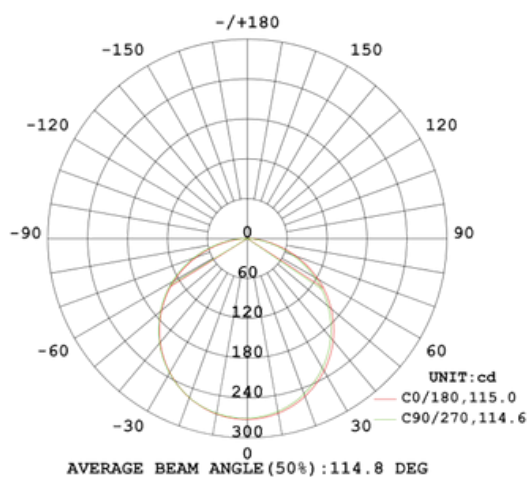
Photoelectric Parameters

Part No.	Style	Power ±10%	Operating Voltage	Finished Product CCT/ Wavelength	IP67 CR I90, 4000K		Beam Angle
					Luminous Flux±10%	Light Efficiency	
NS -146DX24VAW-14 -2020FC	Dual-Bend (White)	14W/M [4.27W/ft.]	24VDC	2700K±120K 3000K±150K 3500K±300K 4000K±300K 5000K±400K 6000K±500K (LED is 3-step SDCM in one bin)	820lm/M [250lm/ft.]	58lm/W	120°

Note:

- (1) Luminous flux for CCT 2700K is 10% lower, for CCT 3000K is 8% lower, for CCT 3500K is 3% lower, for CCT 5000K/6000K is 2% lower, compared with 4000K.
- (2) The standard packing length is fixed by default per reel without installation accessories, customized packing need to be evaluated.
- (3) Installation accessories pack should be ordered separately according to specific case.

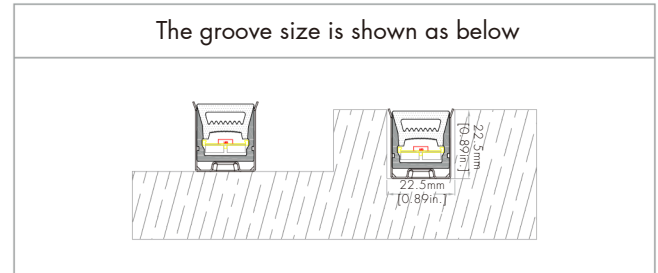
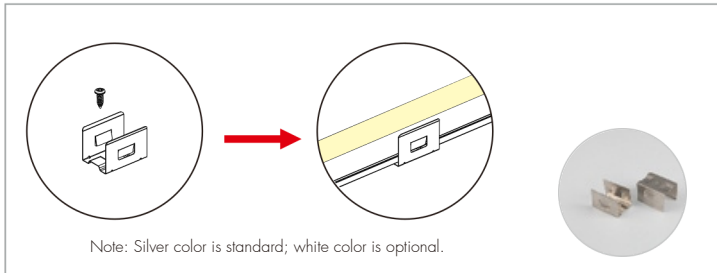
Light Distribution Diagram



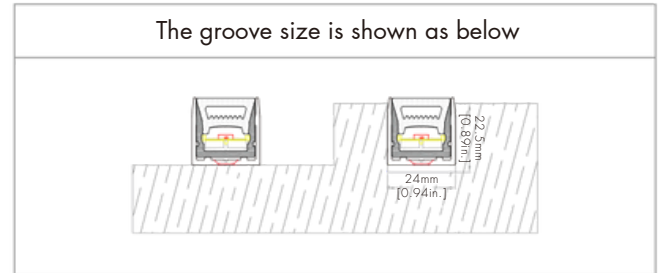
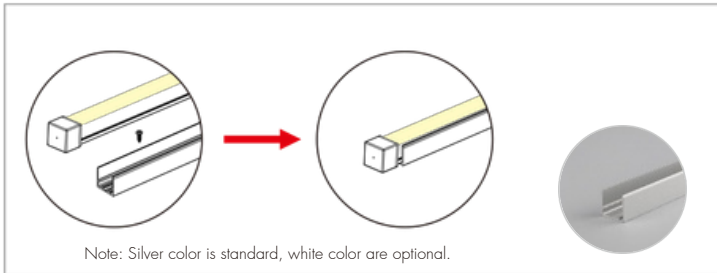
White, 3000K, CRI90

Installation

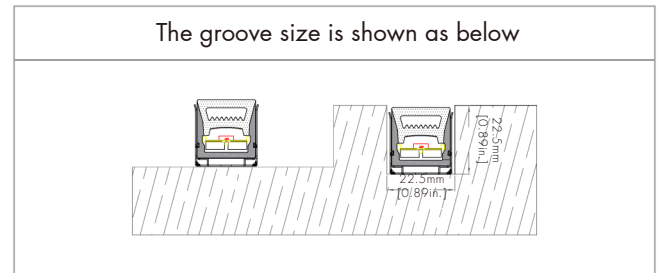
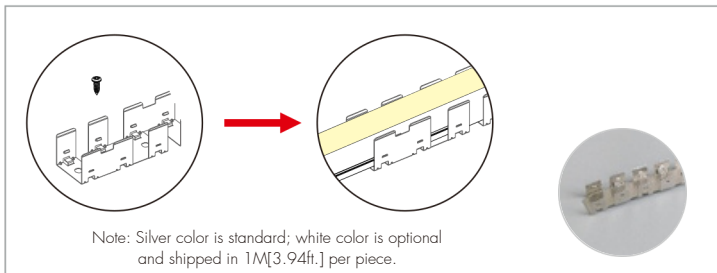
Option 1: Fixed by bracket.



Option 2: Fixed by aluminum channel.



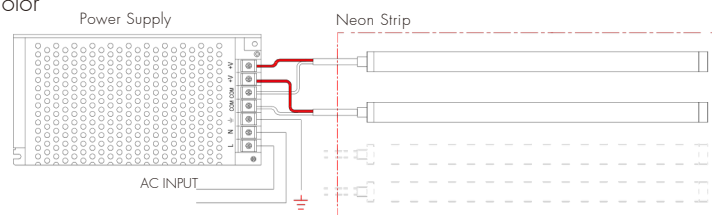
Option 3: Fixed by bendable bracket.



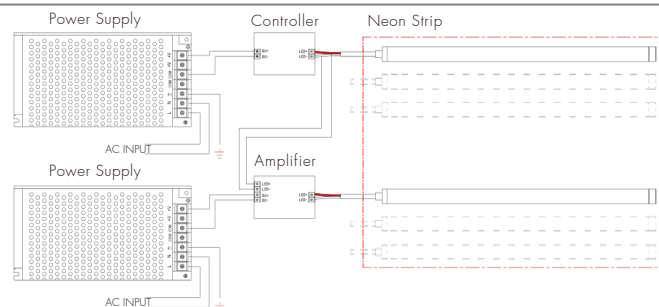
Note: It's also support surface & recessed mounting by gluing process.

Connection

Non-Dimming Status for White Color

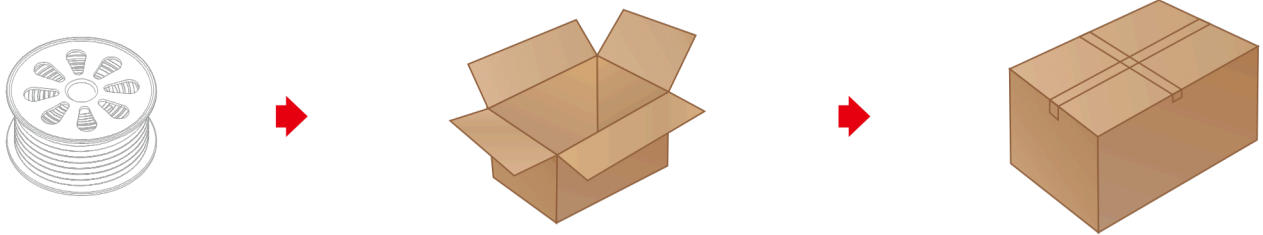


Dimming Status for White Color



LED Neon Strip

Packing



Part No.	Style	Product Dimension	Product N.W.	Carton Size	Product QTY/Carton	Carton Total G.W.
NS -146	Dual-Bend	L5000*W20*H20mm [L197*W0.79*H0.79in.]	3.45kg	L400*W400*H175mm [L15.75*W15.75*H6.89in.]	2pcs	5.2kg

Notice

1. Adopt suitable power supply with power is 20% higher than the max. power of product, 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 product.
4. Avoid scrape, twist and irregular bend during installation, which might cause non repairable status for the product.
5. Minimum bending diameter definition, is 200mm[7.87in.] for top-bend and 280mm[11in.] for side-bend, too small bending diameter will break the product.
6. Minimum twist angle definition, is 360° per 1000mm[39.4in.] length.
7. Product linked in over long length will lead to problem of overload or uneven brightness.
8. To protect your eyes, do not stare at the product 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.

