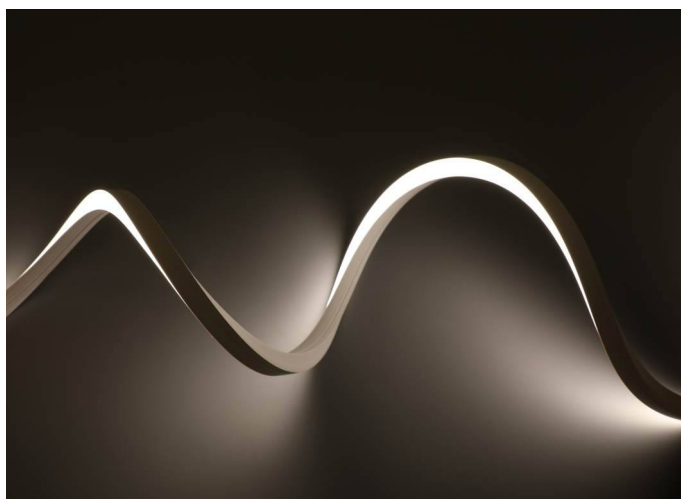


LED NEON FLEX

DUAL BEND

NFG-1010DB

10x10



Features

1. Dual-bend performance to fix many plane, curved and complex irregular structures at will.
2. On-site free-cutting and assembly for fast and flexible customization operation, with end cap sealed by gluing process.
3. Customized length with overall appearance in the same size by die-casting process.
4. Dimmable available with PWM signal.
5. 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.
6. Up to 50,000h LED lifespan and 5 years warranty.
7. IP67[wet] waterproofing for indoor and outdoor usage.

* Exclusivity in some EU countries, please ask for more details.

Application

Ideal for decorative and contour lighting for residential and commercial space.



Specification

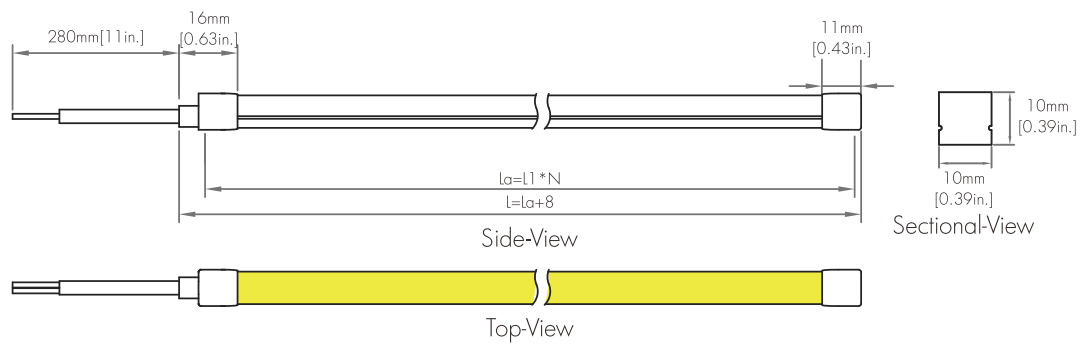
Dimension / Diagram

Endcap sealed by gluing process

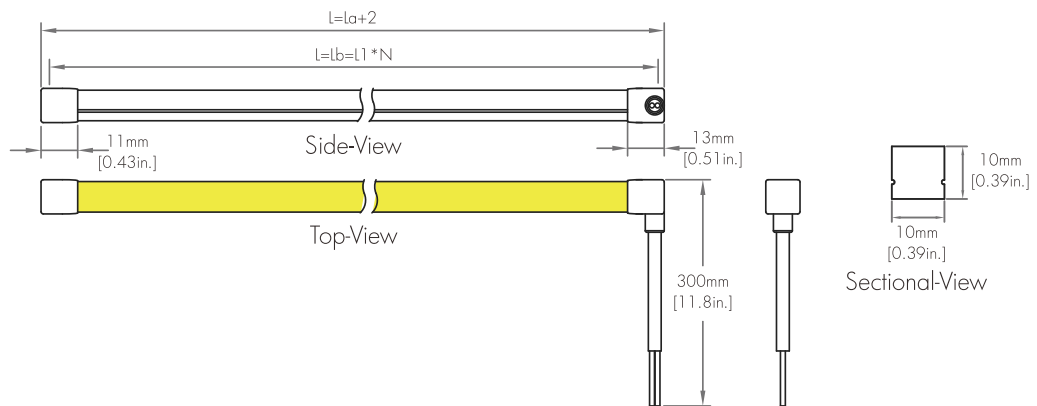
L: Total length
Lb: Luminous surface length
N: Number like 1, 2, 3.....

La: LED strip length
L1: LED strip increment

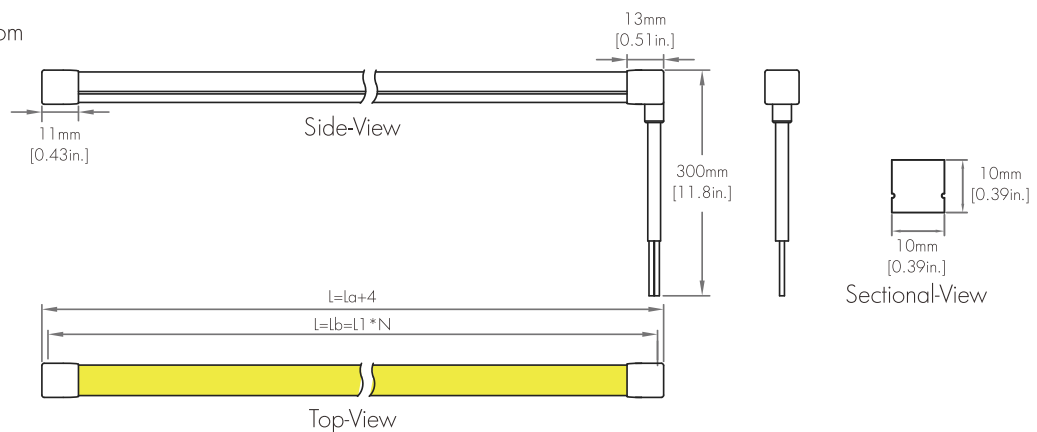
Power entry from the tail



Power entry from the side



Power entry from the bottom



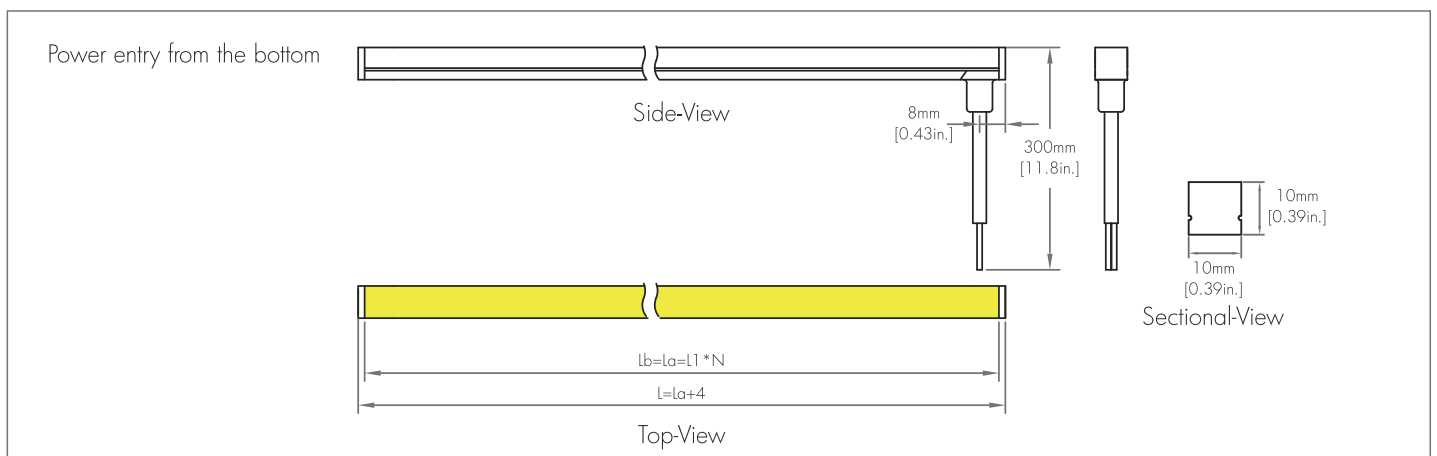
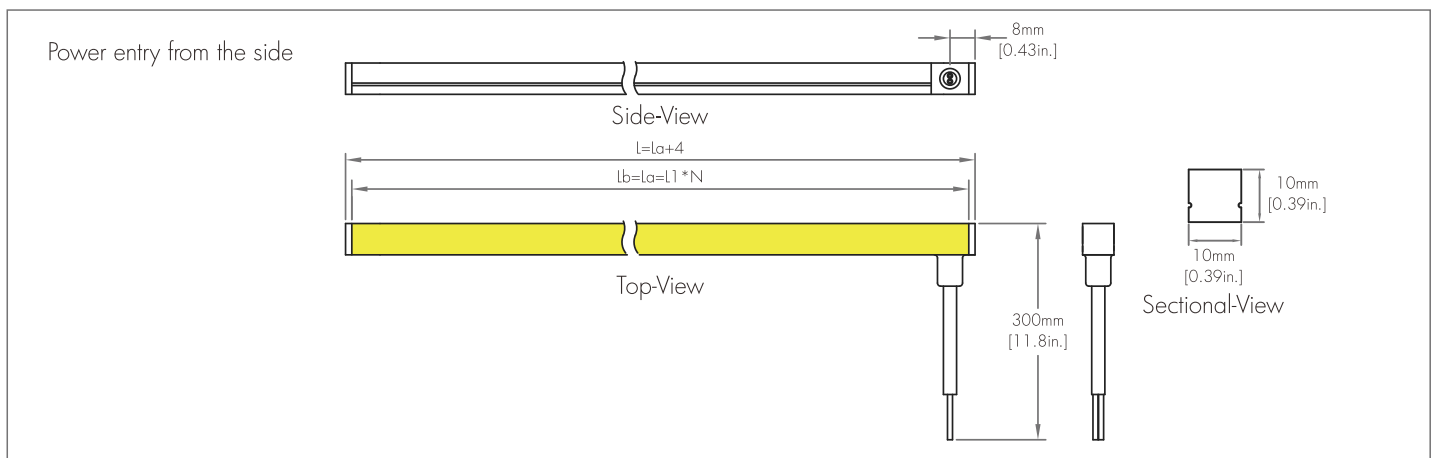
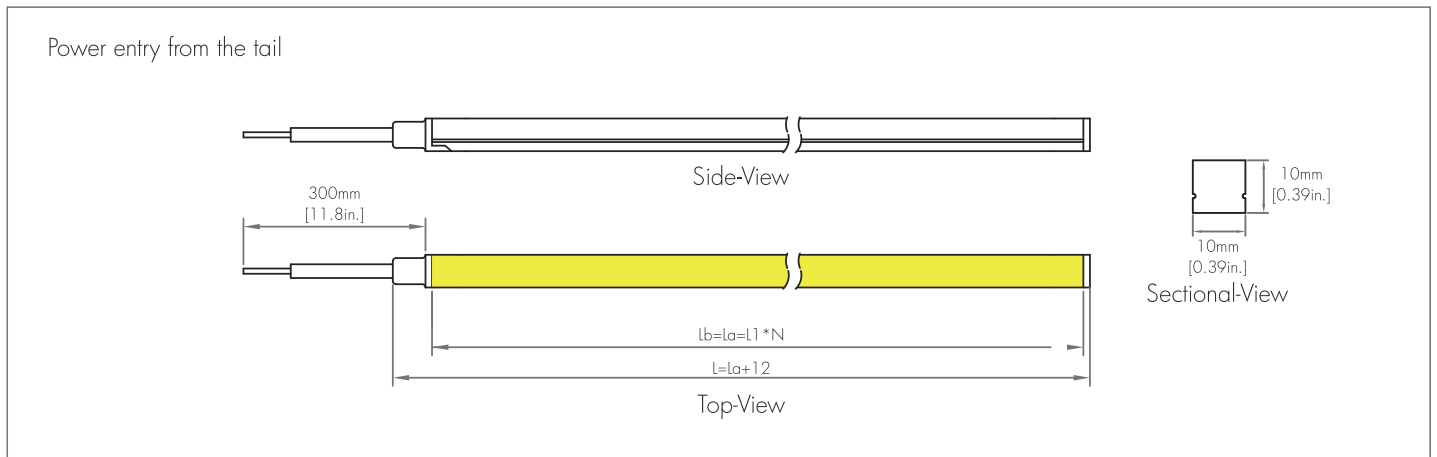
Specification

Dimension / Diagram

Endcap sealed by die-casting process

L: Total length
Lb: Luminous surface length
N: Number like 1, 2, 3.....

La: LED strip length
L1: LED strip increment



General Parameters

Part No.	Style	Dimension	Max. Run Length (La) & Max. Shipping Length	Strip Increment (L1)	LED Type	LED QTY	IP&IK Rating	Operating Ambient	Lifespan	Warranty
NFG-1010DB	Dual-Bend (White)	W10xH10mm [W0.39xH0.39in.]	5M [16.4ft.] (Power fed on one side) & 30M [98.4ft.]	Free-cutting to be any length	SMD 2216	240LED/M [73LED/ft.]	IP67 [Wet] & IK06	Ta: -20~45°C	50,000h (White) (L70@Tc≤65°, Tc is the temp. of LED pin.)	5 years (White)

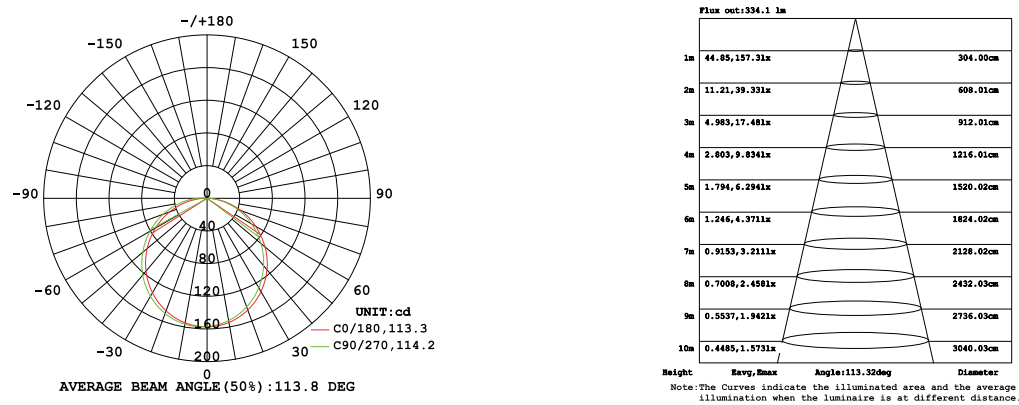
Photoelectric Parameters

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%	Light Efficiency	
NFG-1010DB	Dual-Bend (White)	8W/M [2.44W/ft.]	24VDC	2700K±120K 3000K±150K 3500K±300K 4000K±300K 5000K±400K 6000K±500K	\	\	480lm/M [146lm/ft.]	60lm/W	120°

Note:

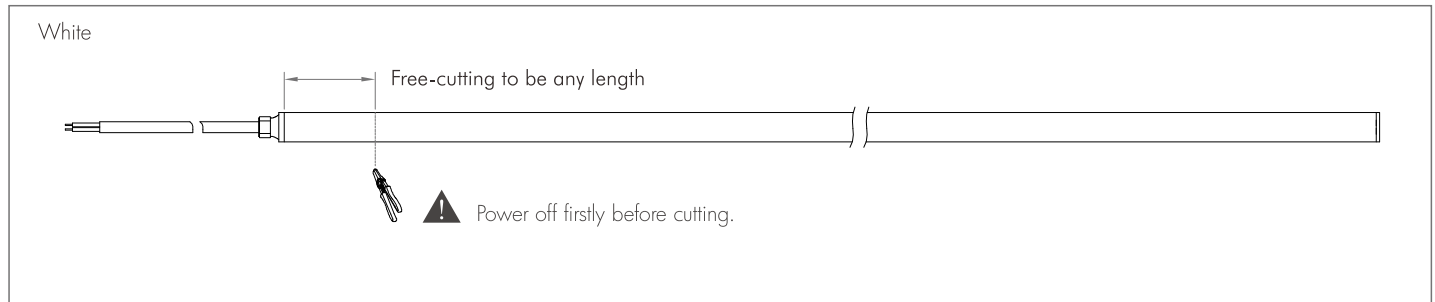
- (1) Luminous flux for CCT 2700K is 10% lower, for CCT 3000K/3500K is 5% lower, for CCT 5000K/6000K is the same, compared with 4000K.
- (2) The power of the strip need to be reduced to 5W/M[1.52W/ft.]@White for operating ambient temperature in -20~55°C[-4~131°F].
- (3) The standard packing length is 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.

Light Distribution Diagram

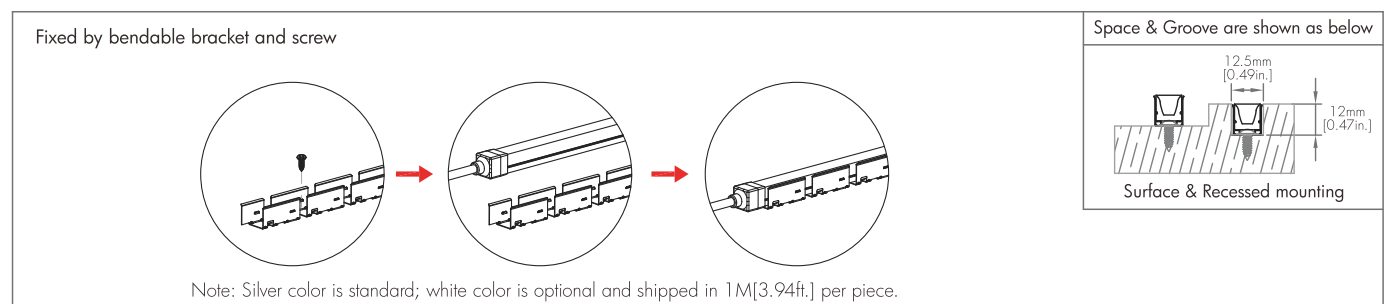
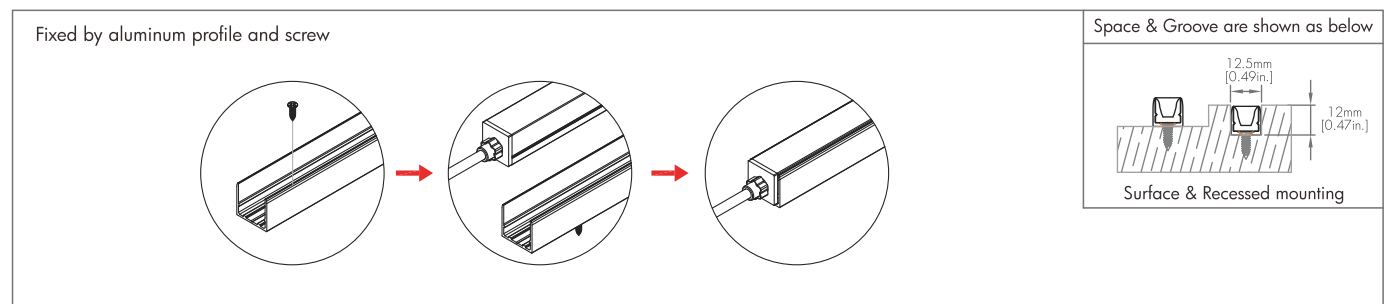
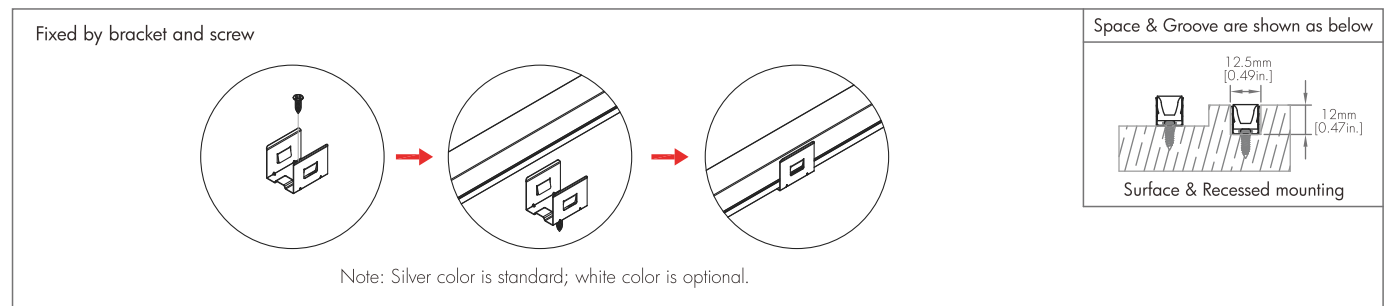


White, 4000K, CRI90

Cutting














Installation



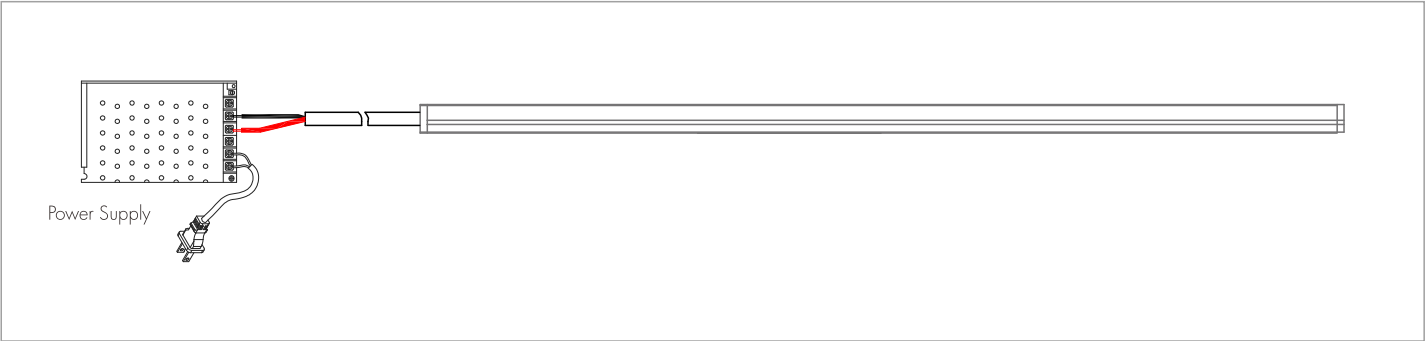
Note: It's also support surface & recessed mounting by gluing process.

Accessories

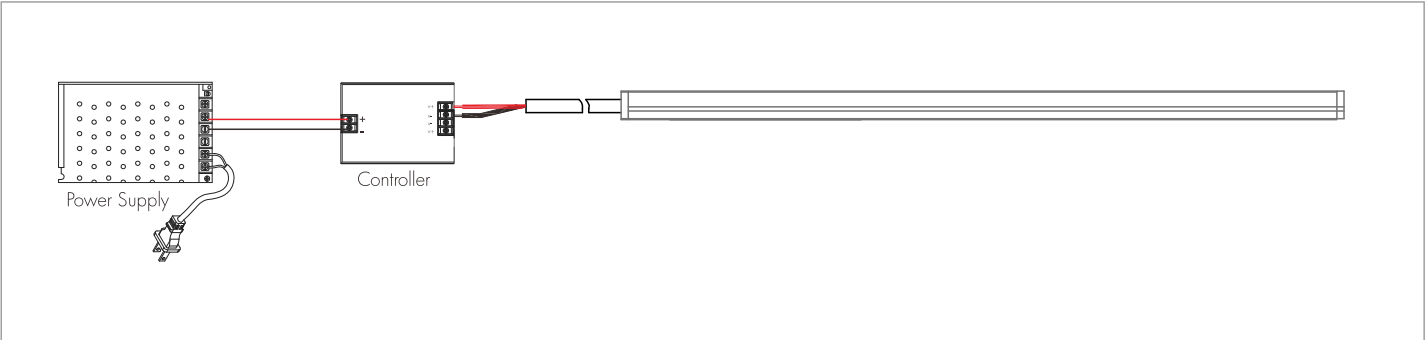
Power Cable Entry (Endcap sealed by gluing process)	Front Cap (Endcap sealed by gluing process)	End Cap (Endcap sealed by gluing process)	Mounting Method	Glue (Endcap sealed by gluing process)
Rear feed 	Rear feed 		Bracket 	
Side feed 	Side feed 		Aluminum Channel 	
Bottom feed 	Bottom feed 		Bendable Bracket 	

Connection

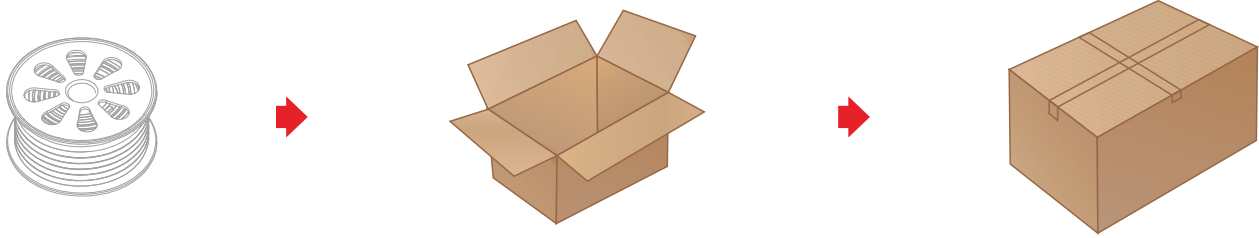
White (Non-dimmable status)



White (Dimmable status)



Packing



Part No.	Style	Product Dimension	Product N.W.	Carton Size	Product QTY/Carton	Carton Total G.W.
NFG-1010DB	Dual-Bend	L5000*W10*H10mm [L197*W0.3 9*H0.39in.]	0.65kg	L350*W18 0*H360mm [L13.8*W7.08*H14.17in.]	10pcs	8.4kg

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 120mm[4.72in.] too small bending diameter will break the product.
6. Minimum twist degree 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.

