

Specification

Double color fog surface casing series

NTS0410

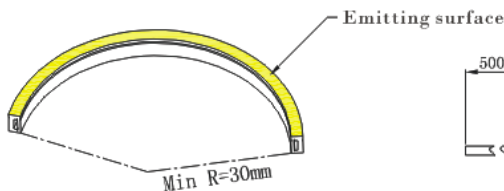




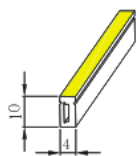
Features:

- **Light source:** High luminous efficiency, SMD 2835 LED, LM80 proved.
- **Process & Material:** High light transmittance, food-grade environmental silicone material, integrated extrusion molding technology, IP65.
- **Optical Design:** Unique optical light distribution structure design, uniform lighting surface and no shadow.
- **Appearance Design:** Compared with the traditional neon tube or PVC guardrail tube, the silicone material has good flexibility, the simple and stylish appearance, which is exquisite and unique.
- **Product Certification:** UL、CE、ROHS.
- **Environmental Features:** Resistance to saline solutions, acids & alkali, corrosive gases and UV.
- **Working/Storage Temperature:** Ta:-20~45°C / 0°C ~ 60°C.
- **Life Span:** 36000H, 3 years warranty.

Structure Parameters:



Note : L=5000mm



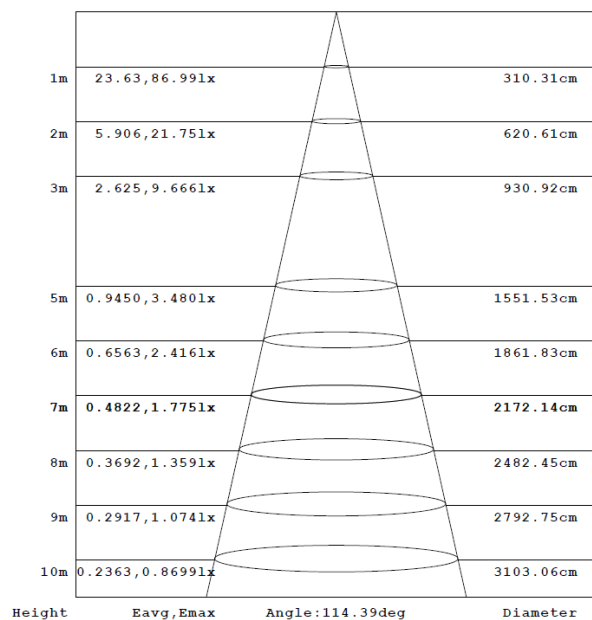
Basic Parameters:

Model	CCT/Colors	CRI	Input voltage	Rated current (A)	Rated power (w)	Lumens (LM)	Size (mm)	Max.length	Cutting unit (mm)	Beam angle	IP
NTS0410-8XX24NDN050CC0500	2300K	>80	24V	0.3	7.2	240	W4*H10	5000mm	41.7	115°	IP65
	2700K					290					
	3000K					300					
	4000K					300					

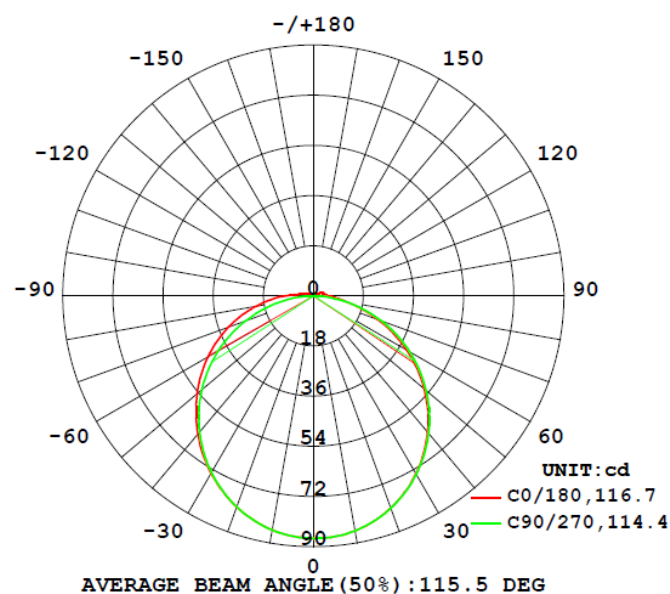
Note :

- 1、The above data is the testing result of 1M standard product;
- 2、The power and lumens of output data can be vary up to $\pm 10\%$;
- 3、The above parameters are all typical values

Light Distribution:








AAI Figure



Photometric of 1M strip

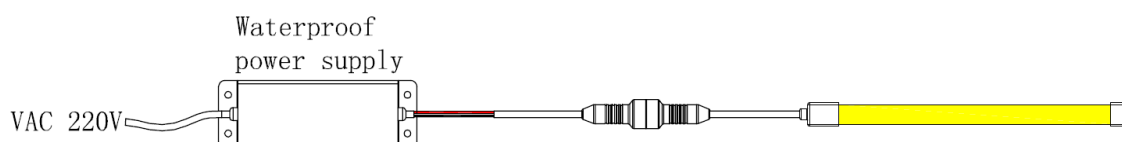


Accessory information:

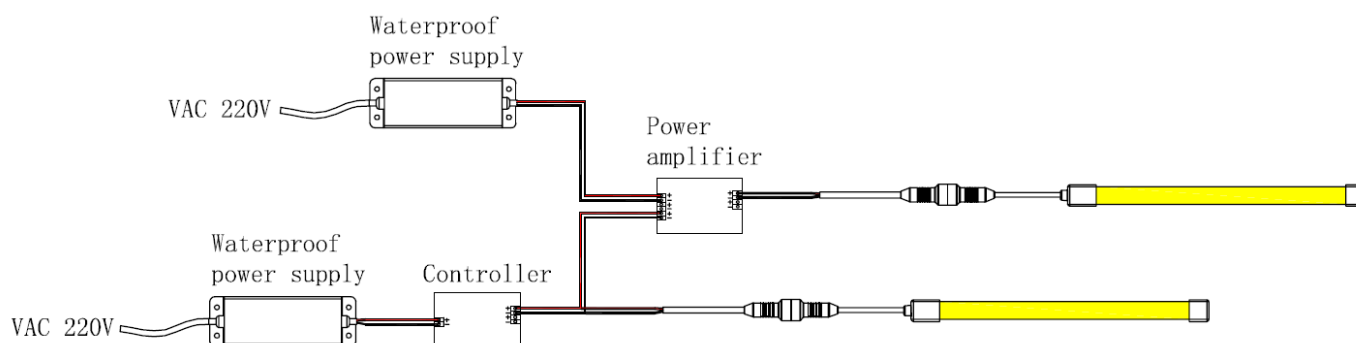
Name	Description	Image	Ordering code	Product quantity/case	Product net weight (kg)	Net weight per box (kg)	Gross weight (kg)	Package size (mm)	Remark
Alumina carrier	Aluminium profile, flat mounting		AS-NTS0410A-1000	30PCS	0.06	1.8	2.85	1100*112*50	L:1000mm
End cap set	Silica end cap set, with end cap, plug and clip		AS-NTS0410GH0-EC	2000PCS	0.0006	1.2	1.5	250*250*150	/
Fixed clip	Fixed clip, 0.3mm stainless steel, white paint, with screws		AS-NTS0410S-12	2000PCS	0.0006	1.2	1.5		L:18mm attached screw
Gray wire	2 PIN grey wire (0.5M)		AS-WS-0009	2 0 0 PCS	0.0077	1.54	1.84		/
Gray wire	2 PIN grey wire (2M)		AS-WS-0010	1 0 0 PCS	0.031	3.1	3.4		/

Wiring Diagram:

Non-dimming connection mode :

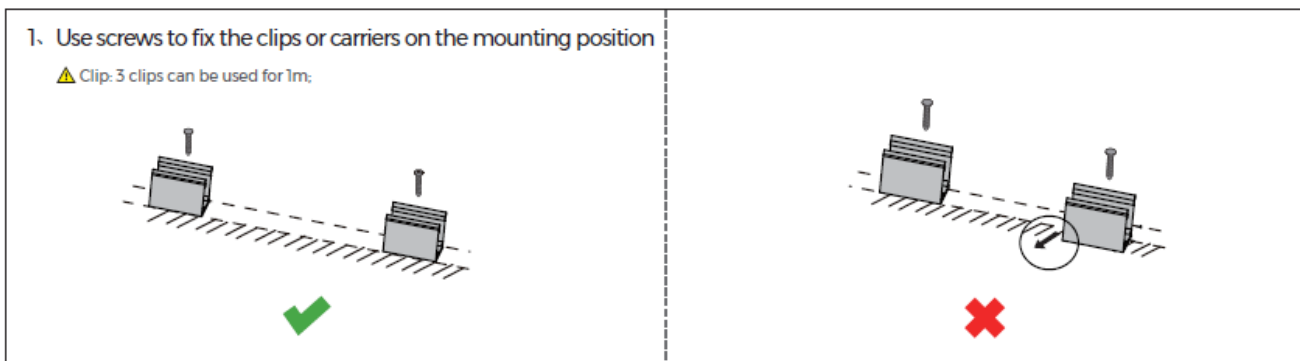


Dimming connection mode :

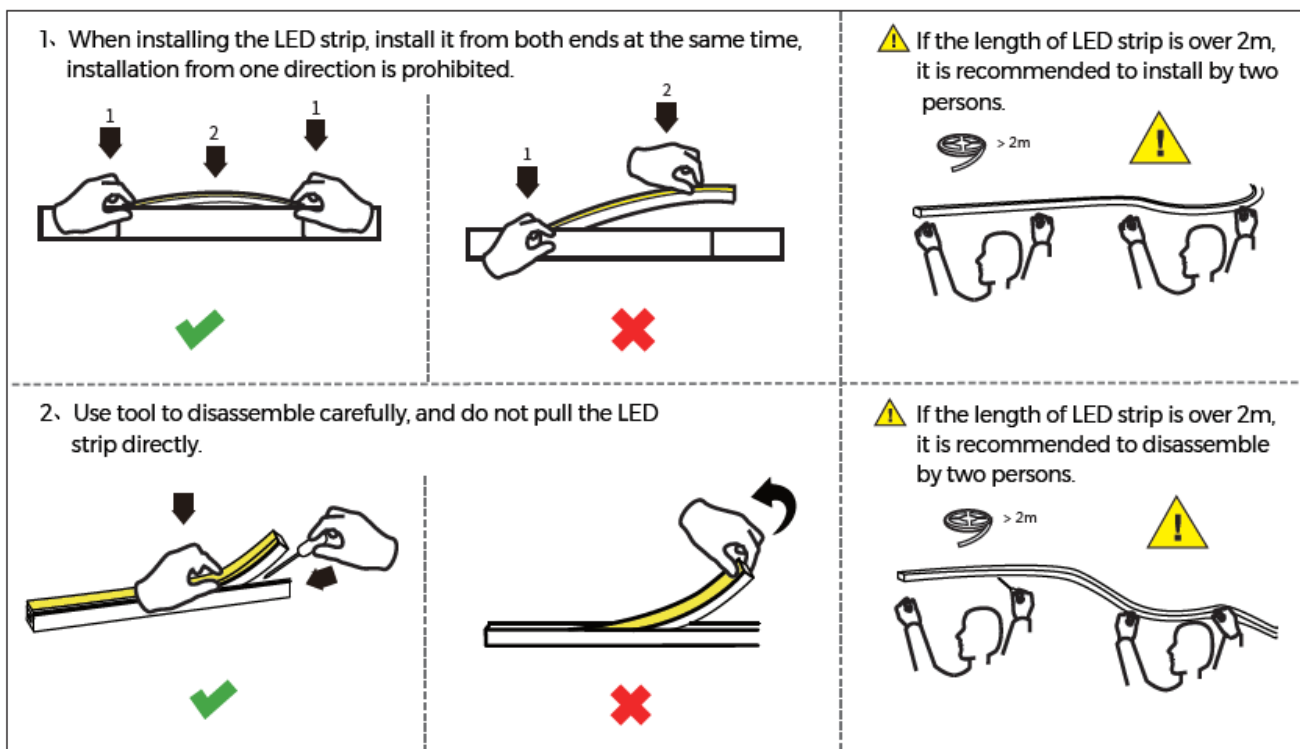


Installation Guidance :

Installation of clip

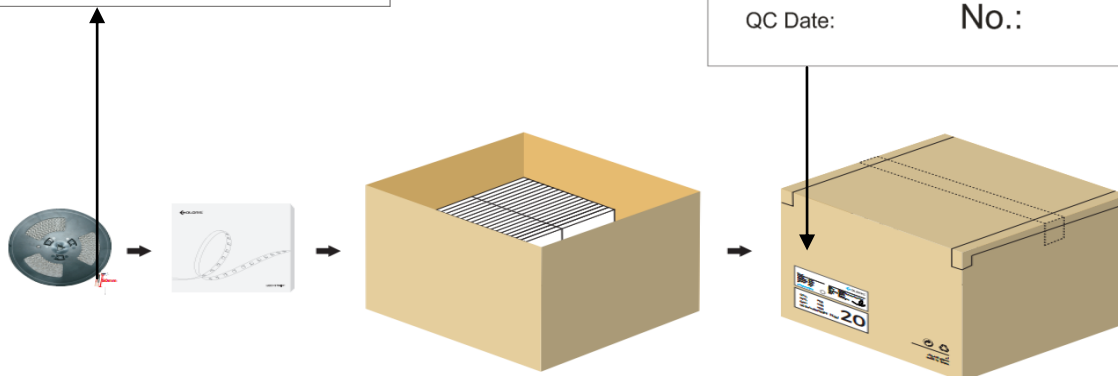


Installation of carrier



The correct bending direction(Side view),
bending radius >30mm.

Wrong bend direction.



Ordering Code:

Ordering example : NTS0410-8LW24NDN050CC0500

Precautions :

- Use a 24V DC isolated power supply to drive the neon lamp strip and the ripple wave of constant voltage source shall be less than 5%. It is not allowed to use RC voltage reduction or non-isolated power supply to drive the neon lamp strip.
- In actual applications, 20% of the power supply shall be kept (only 80% of the power is used) to guarantee that sufficient voltage is available to drive the product.
- Attention shall be paid to safe operation. After powering on, it is not allowed to touch the AC power supply to avoid an electric shock.
- Attention shall be paid to the positive and negative poles of the wires during installation and whether the power supply conforms to required voltages to avoid damages.
- Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- Please do not bend the strip into an arc with a radius less than 30mm to ensure the longevity and reliability, the bending radius too small will damage the product itself.
- If the actual length of application exceeds the specified using length, it will lead to overload heating and uneven brightness.
- To keep the eyes from being harmed, try to avoid staring at the glowing side of the LED strip for a long time.
- Non-professionals are prohibited from installing, disassembling and repairing the product.
- Do not use any acid or alkaline adhesive to fix products (including not limited to glass cement, etc.)
- Product is not suitable for use in swimming pools and fountains.

