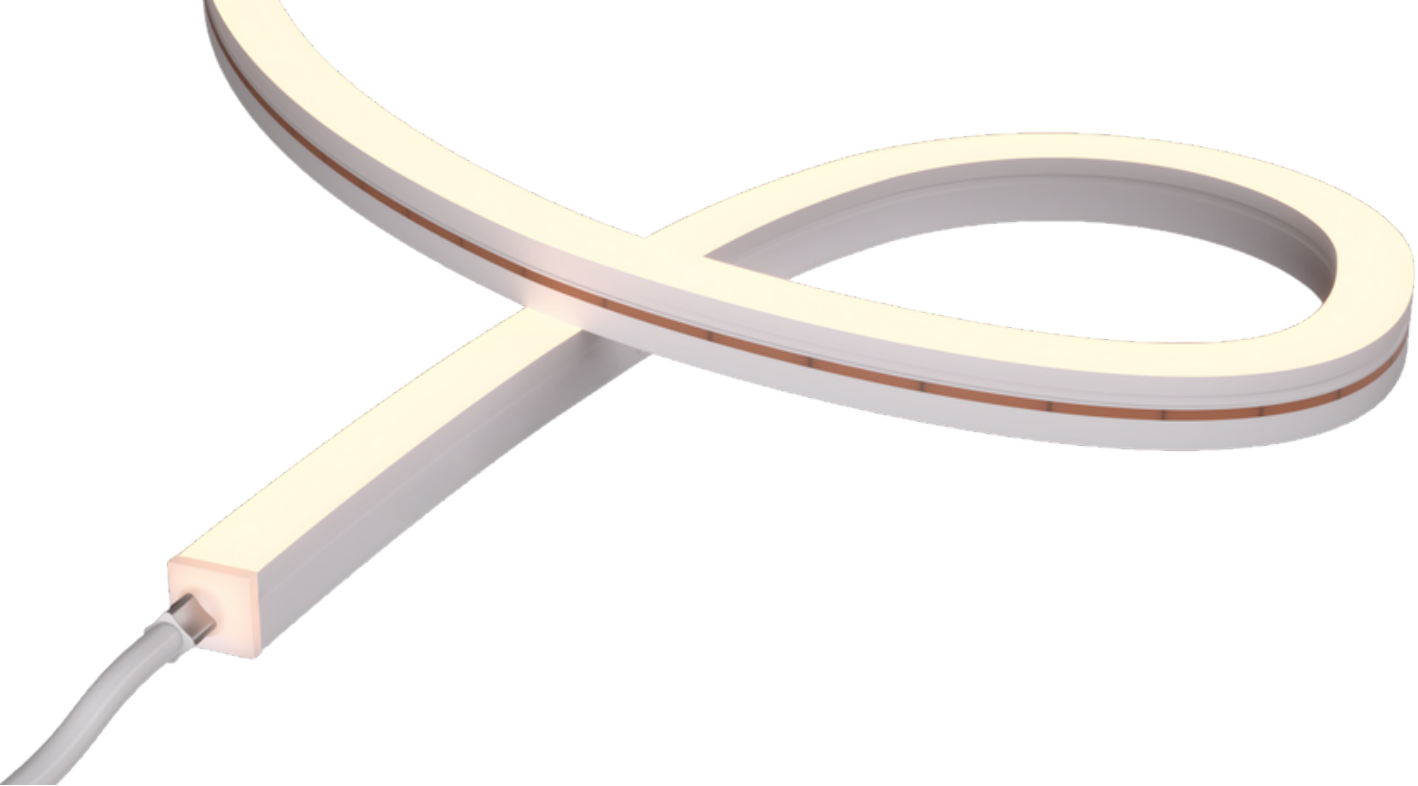




NEON STRIPS

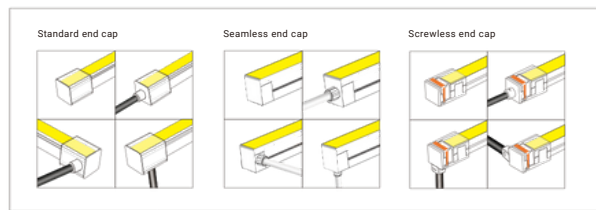
What is Neon Strips?

Neon strips are flexible LED light strips that mimic the look of traditional neon lights. They use LEDs inside a soft, frosted silicone or PVC cover, so the light appears as a smooth, unbroken glowing line. Neon strips are easy to bend and shape, come in many colors, and are commonly used for creative lighting, signage, and decoration, both indoors and outdoors. Compared to glass neon, they are safer, more energy-efficient, and easier to install.



NEON FLEX SOLUTION

Cable outlet



Waterproof ring

Metal ring

Integrally extruded Max length up to 50meters with one end power

Cutting mark



IP67 cable connector

Male



Female



Mounting Accessories



Mounting Clip



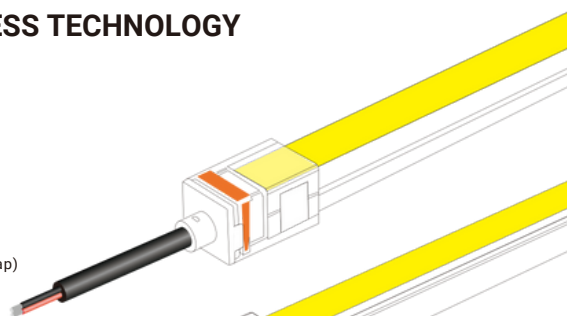
Mounting Profile



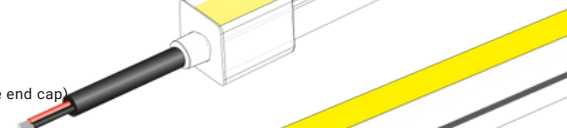
Moldable Groove

IP PROCESS TECHNOLOGY

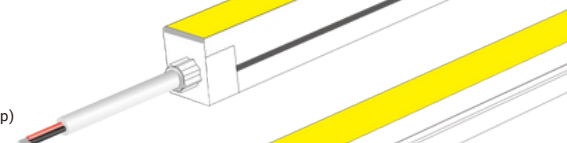
IP67
(Screwless end cap)



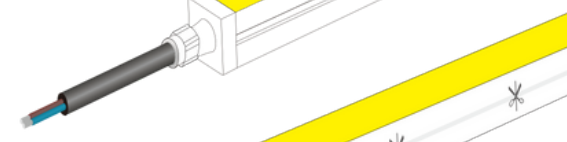
IP67
(Standard silicone end cap)



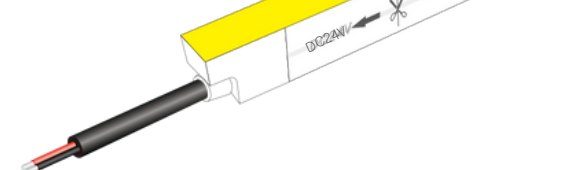
IP67
(Seamless end cap)



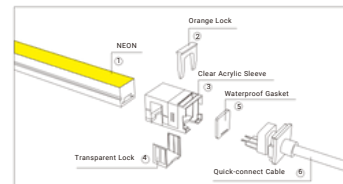
IP68
(Siliconeneon)



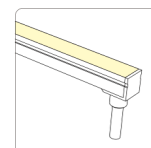
IP68
(PU neon)



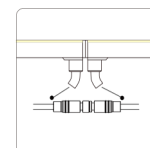
IP67 screwless end cap deconstruction diagram



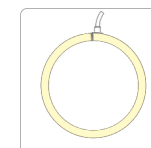
IP67 seamless end cap without dark area



Linear interconnection without dark area



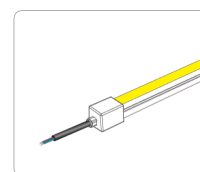
Curve interconnection of lighting outward without dark area



Curve interconnection of lighting outward without dark area



IP68 silicone neon and IP68 PU neon, used under the water.

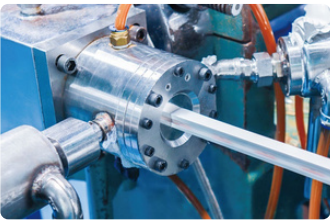


Pool
IP68 silicone neon: s 5 meters deep
IP68 PU neon: s 3 meters deep



PRODUCTION PROCESS COMPARISON

Comparison of integrated extrusion and hollow tubing methods for neon flex.



Integrated extrusion neon

With the LED strip encased in silicone, it remains secure and stable, ensuring uniform and consistent lighting.

Supports lengths up to 50 meters.

The structure is stronger and feels more reliable

Integrated extrusion with a specified light source ensures more stable quality and consistent parameters

Difficult to support multiple models with low quantities per model.

VS

Hollow silicone tube

Without being integrated with the silicone tube, the strip may loosen or shift, leading to light dots and uneven brightness.

Maximum length typically 5 meters.

The structure is weaker and feels softer.

Independent production results in slightly less stable product quality and parameters.

Ready-to-stock production offers greater flexibility for customization

SURFACE TREATMENT PROCESS

Before surface treatment

Glossy, attracts dust easily, and is hard to clean.

After surface treatment

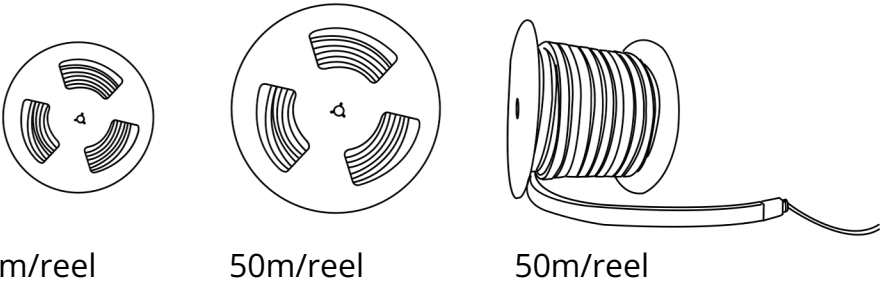
Anti-static, dust-resistant, dirt-repellent, with a matte finish, tactile texture, and easy to clean.

After surface treatment and with prolonged use

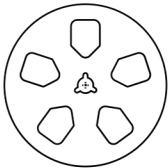
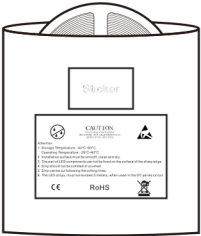
Before cleaning, it significantly reduces light output.

After cleaning, it becomes clear and transparent, providing uniform light distribution.

ADVANTAGES OF TRI-COLOR EXTRUSION

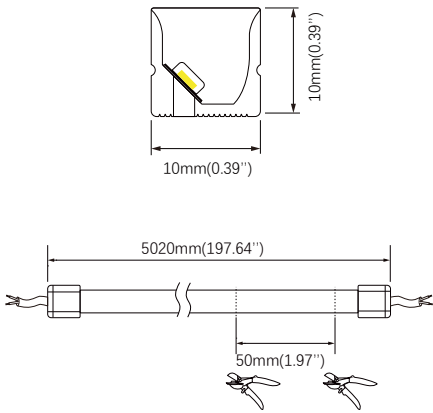


Environmentally friendly packaging



Package

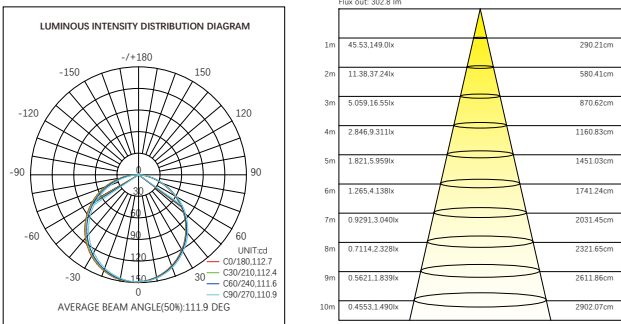
Neon N1010 3D Bend



Features

- Top & side free-bend neon light;
- Tricolor-color silicone extrusion+flexible FPC+highlight LED;
- Mild and even light output;
- Hollow inside, protect LEDs well;
- High light transmittance;
- Storage Tem.: 0°C~+60°C;
- Operating Tem.: -20°C~+45°C;
- Anti-uv grade UVA-340;
- Warranty 5-year, >50000 hours (L70B10) for indoor usage
- Warranty 3-year, >30000 hours (L70B10) for outdoor usage.

Spectroscopic date



Remark: Output data is from test result of 4000K neon light ;
Tolerance +10%.



Item code	Description	Size	Power	Minimum cutting	Strip options	Voltage	CRI	CCT	Lumen /meter	Light transmittance	IP Grade	Beam angle
BV010010-3D	Top&side free-bend	L5020 × W10 × H10 MM L16.47 × W0.03 × H0.03 FT	7.2 W/M (2.20 W/FT)	50 MM	S2835L140V24-5-N	DC 24V	85+	 2700K	430 LM/M	53%	IP67	112°
								 3000K	461 LM/M			
								 4000K	469 LM/M			
							 6000K	463 LM/M				
							90+	 2700K	366 LM/M			
								 3000K	392 LM/M			
 4000K	399 LM/M											
	 6000K	394 LM/M										

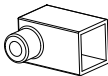
Neon N1010 3D Bend



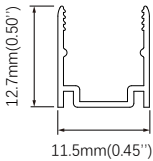
Silicone tail end cap
N010010-DETS-V



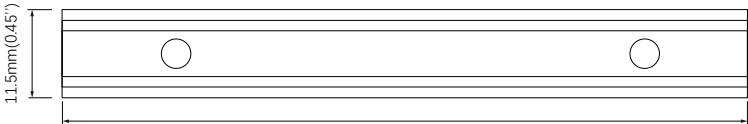
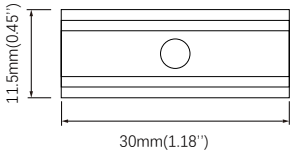
Silicone end cap for cable straight through
N010010-DETS-Z



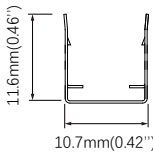
Silicone end cap for cable side through/ cable back through
N010010-DETS-C/B



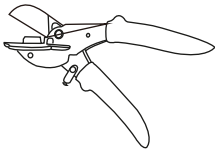
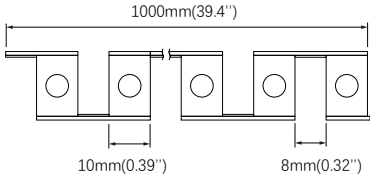
Alu clip
N010010-SMS



1000mm(39.4")
Alu profile
N010010-SMS-1M

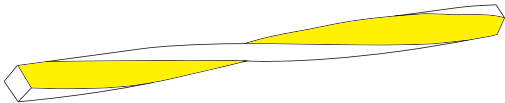
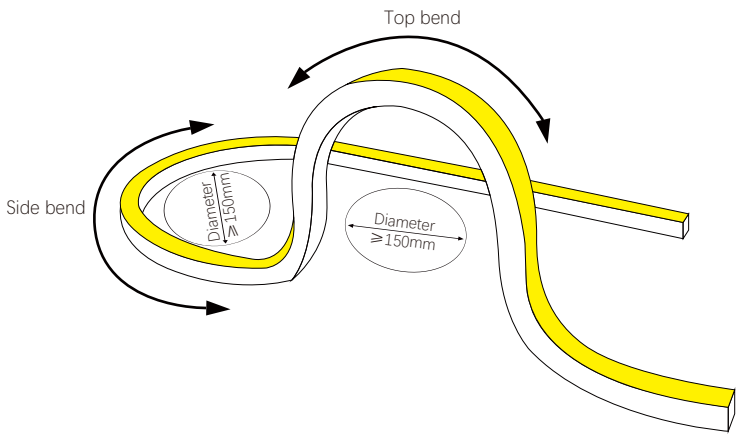


Stainless steel chain
N010010-SMSS-1M



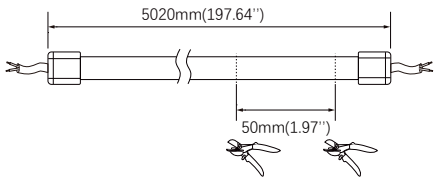
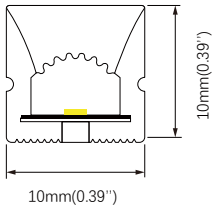
Special cutter
BV-NS-1

More installation details, please read user manual.



Top & side free-bend LED neon light
One neon to satisfy various projects

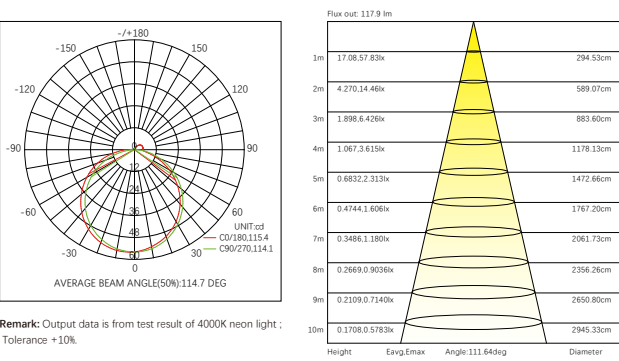
Neon N1010 Top Bend



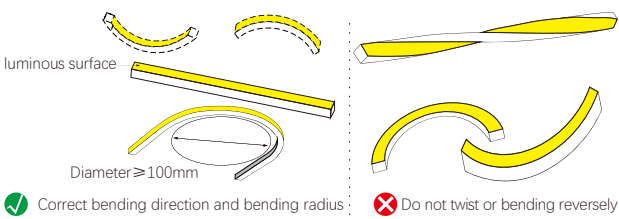
Features

- Tricolor-color silicone extrusion+flexible FPC+highlight LED;
- Mild and even light output;
- Hollow inside, protect LEDs well;
- High light transmittance;
- Cuttable;
- Storage Tem.: 0°C~+60°C;
- Operating Tem.: -20°C~+45°C;
- Anti-uv grade UVA-340;
- Warranty 5-year, >50000 hours (L70B10) for indoor usage
- Warranty 3-year, >30000 hours (L70B10) for outdoor usage.

Spectroscopic date

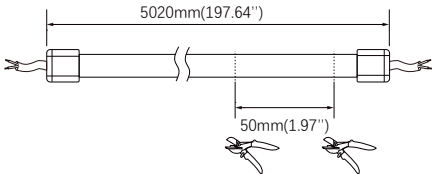
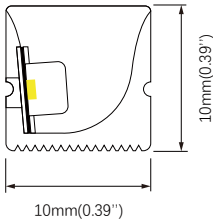


Bending Diagram



Item code	Description	Size	Power	Minimum cutting	Strip options	Voltage	CRI	CCT	Lumen /meter	Light transmittance	IP Grade	Beam angle
BV010010	Top bend extrusion	L5020 × W10 × H10 MM L16.47 × W0.03 × H0.03 FT	7.2 W/M (2.2 W/FT)	50 MM	S2835L120V24-8-N	DC 24V	85+	 2700K	506 LM/M	67%	IP67	115°
								 3000K	542 LM/M			
								 3500K	547 LM/M			
								 4000K	552 LM/M			
								 5000K	549 LM/M			
								 6000K	545 LM/M			
		L20015 × W10 × H10 MM L65.67 × W0.03 × H0.03 FT			S2835L120Q24-8-N		90+	 2700K	430 LM/M			
								 3000K	461 LM/M			
								 3500K	465 LM/M			
								 4000K	469 LM/M			
								 5000K	466 LM/M			
								 6000K	463 LM/M			

Neon N1010 Side Bend

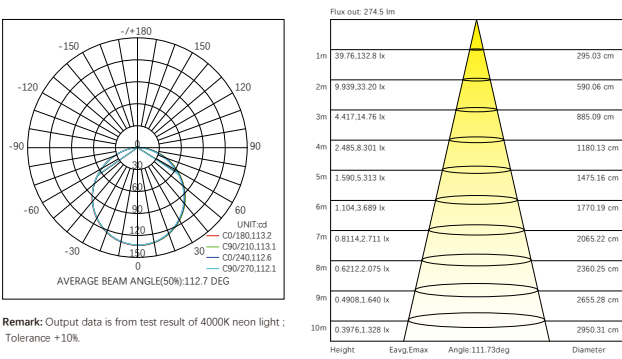


Features

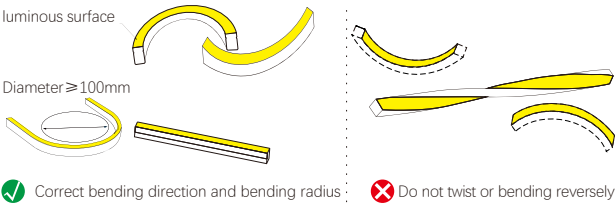
- **Tricolor-color silicone extrusion**+flexible FPC+highlight LED;
- Mild and even light output;
- Hollow inside, protect LEDs well;
- High light transmittance;
- Cuttable;
- Storage Tem.: 0°C~+60°C;
- Operating Tem.: -20°C~+45°C;
- Anti-uv grade UVA-340;
- Warranty 5-year, >50000 hours (L70B10) for indoor usage
- Warranty 3-year, >30000 hours (L70B10) for outdoor usage.



Spectroscopic date



Bending Diagram



Item code	Description	Size	Power	Minimum cutting	Strip options	Voltage	CRI	CCT	Lumen /meter	Light transmittance	IP Grade	Beam angle
BV010010C	Side bend extrusion	L5020 × W10 × H10 MM L16.47 × W0.03 × H0.03 FT	7.2 W/M (2.2 W/FT)	50 MM	S2835L140V24-6-N	DC 24V	85+	2700K	423 LM/M	52%	IP67	115°
								3000K	444 LM/M			
								3500K	457 LM/M			
								4000K	470 LM/M			
								5000K	469 LM/M			
								6000K	467 LM/M			
							90+	2700K	360 LM/M	52%	IP67	115°
								3000K	377 LM/M			
								3500K	389 LM/M			
								4000K	400 LM/M			
								5000K	399 LM/M			
								6000K	397 LM/M			

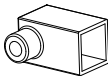
Neon N1010 Side Bend



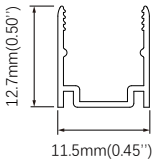
Silicone tail end cap
N010010-DETS-V



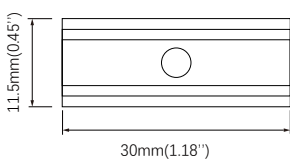
Silicone end cap for cable straight through
N010010-DETS-Z



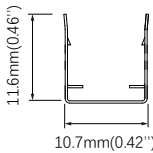
Silicone end cap for cable side through/ cable back through
N010010-DETS-C/B



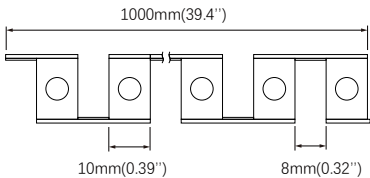
Alu clip
N010010-SMS



Alu profile
N010010-SMS-1M



Stainless steel chain
N010010-SMSS-1M



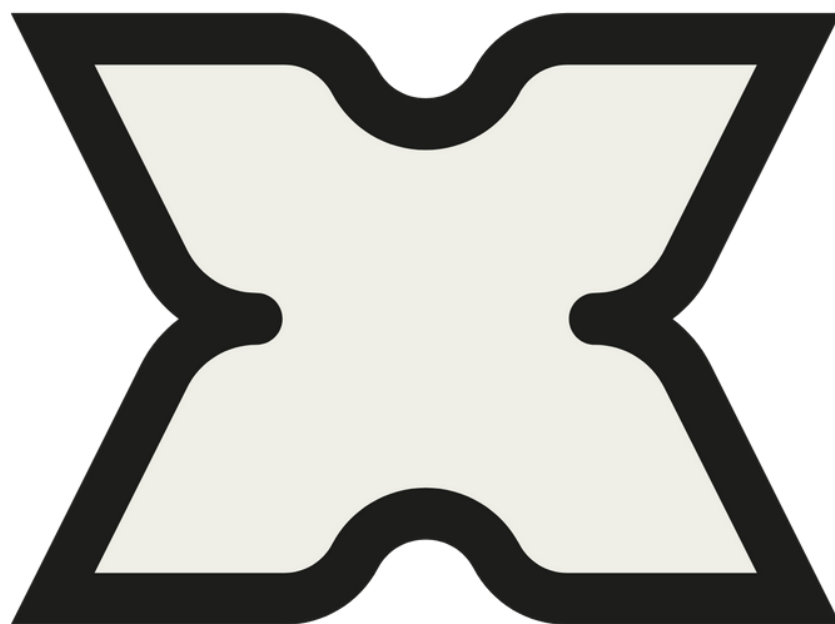
Special cutter
BV-NS-1

More installation details, please read user manual.

Package



Type	Size(mm)	CBM(m³)	Remark	NW(Kg)	GW(Kg)
Carton	L420 × W420 × H300	0.053	1pcs/roll, 1rolls/box 3 boxes/carton	7.2	10.22



THANK YOU