



LED NEON LIGHT

NF-DUA-24V-5M-16X16MM

Feature

- Black top and side-emitting flexible neon strip, free-bend design.
- Tricolor silicone extrusion with flexible FPC and high-brightness LEDs.
- Soft and uniform light output with high light transmittance.
- Hollow structure enhances LED protection and heat dissipation.
- Cuttable for tailored lengths and custom installations.
- Operating on low-voltage DC power, safe and reliable.
- UV-resistant (UVA-340 grade) for long-term outdoor use.
- Storage temperature: 0°C ~ +60°C; Operating temperature: -20°C ~ +45°C.
- Warranty: 5 years / >50,000 hours (L70B10) for indoor applications.
- Warranty: 3 years / >30,000 hours (L70B10) for outdoor applications.

Applications

- Architectural lighting for facades, outlines, and decorative accents.
- Indoor ambient lighting in commercial or residential spaces.
- Signage illumination and contour lighting.
- Retail displays and exhibition stands requiring flexible shapes.
- Outdoor decorative projects where UV resistance and durability are essential.
- Creative lighting designs in curved, irregular, or tight installation areas.

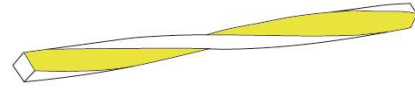
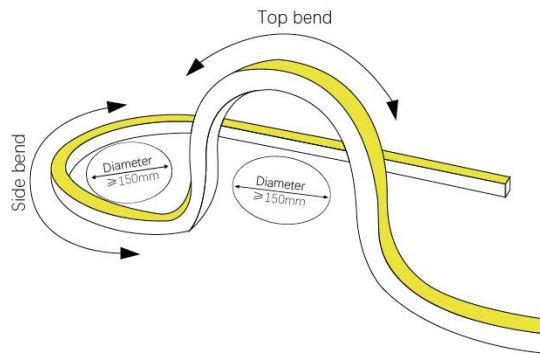




Specification

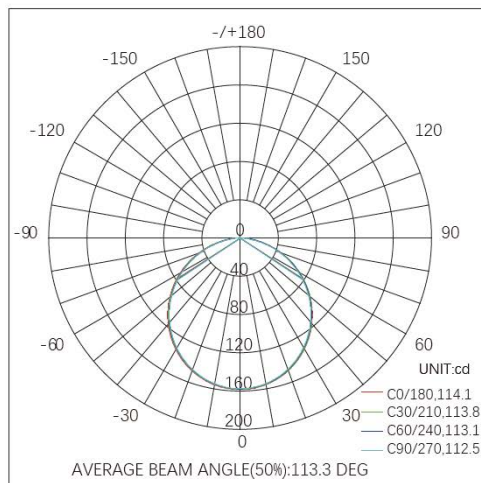
Part No.	Dimension	Colour	Style	Voltage	Power	Brightness	CRI	Increment	Max Run	IP Rating	Beam Angle
NF-DUA-24V-5M-16X16MM-27K-BK	L5,020xW16xH16mm	2700K	Dual Bend (Black)	24Vdc	9.6 W/M	43 lm/m	>85	50 mm	5m	IP67	112°
NF-DUA-24V-5M-16X16MM-30K-BK	L5,020xW16xH16mm	3000K	Dual Bend (Black)	24Vdc	9.6 W/M	46 lm/m	>85	50 mm	5m	IP67	112°
NF-DUA-24V-5M-16X16MM-35K-BK	L5,020xW16xH16mm	3500K	Dual Bend (Black)	24Vdc	9.6 W/M	47 lm/m	>85	50 mm	5m	IP67	112°
NF-DUA-24V-5M-16X16MM-40K-BK	L5,020xW16xH16mm	4000K	Dual Bend (Black)	24Vdc	9.6 W/M	48 lm/m	>85	50 mm	5m	IP67	112°
NF-DUA-24V-5M-16X16MM-50K-BK	L5,020xW16xH16mm	5000K	Dual Bend (Black)	24Vdc	9.6 W/M	48 lm/m	>85	50 mm	5m	IP67	112°
NF-DUA-24V-5M-16X16MM-60K-BK	L5,020xW16xH16mm	6000K	Dual Bend (Black)	24Vdc	9.6 W/M	47 lm/m	>85	50 mm	5m	IP67	112°
NF-DUA-24V-5M-16X16MM-27K90-BK	L5,020xW16xH16mm	2700K	Dual Bend (Black)	24Vdc	9.6 W/M	37 lm/m	>90	50 mm	5m	IP67	112°
NF-DUA-24V-5M-16X16MM-30K90-BK	L5,020xW16xH16mm	3000K	Dual Bend (Black)	24Vdc	9.6 W/M	38 lm/m	>90	50 mm	5m	IP67	112°
NF-DUA-24V-5M-16X16MM-35K-BK	L5,020xW16xH16mm	3500K	Dual Bend (Black)	24Vdc	9.6 W/M	41 lm/m	>85	50 mm	5m	IP67	112°
NF-DUA-24V-5M-16X16MM-40K90-BK	L5,020xW16xH16mm	4000K	Dual Bend (Black)	24Vdc	9.6 W/M	41 lm/m	>90	50 mm	5m	IP67	112°
NF-DUA-24V-5M-16X16MM-50K90-BK	L5,020xW16xH16mm	5000K	Dual Bend (Black)	24Vdc	9.6 W/M	43 lm/m	>90	50 mm	5m	IP67	112°
NF-DUA-24V-5M-16X16MM-60K90-BK	L5,020xW16xH16mm	6000K	Dual Bend (Black)	24Vdc	9.6 W/M	40 lm/m	>90	50 mm	5m	IP67	112°
NF-DUA-24V-10M-16X16MM-27K-BK	L10,020xW16xH16mm	2700K	Dual Bend (Black)	24Vdc	7.2 W/M	30 lm/m	>85	50 mm	10m	IP67	112°
NF-DUA-24V-10M-16X16MM-30K-BK	L10,020xW16xH16mm	3000K	Dual Bend (Black)	24Vdc	7.2 W/M	32 lm/m	>85	50 mm	10m	IP67	112°
NF-DUA-24V-10M-16X16MM-35K-BK	L10,020xW16xH16mm	3500K	Dual Bend (Black)	24Vdc	7.2 W/M	32 lm/m	>85	50 mm	10m	IP67	112°
NF-DUA-24V-10M-16X16MM-40K-BK	L10,020xW16xH16mm	4000K	Dual Bend (Black)	24Vdc	7.2 W/M	33 lm/m	>85	50 mm	10m	IP67	112°
NF-DUA-24V-10M-16X16MM-50K-BK	L10,020xW16xH16mm	5000K	Dual Bend (Black)	24Vdc	7.2 W/M	33 lm/m	>85	50 mm	10m	IP67	112°
NF-DUA-24V-10M-16X16MM-60K-BK	L10,020xW16xH16mm	6000K	Dual Bend (Black)	24Vdc	7.2 W/M	33 lm/m	>85	50 mm	10m	IP67	112°
NF-DUA-24V-40M-16X16MM-27K90-BK	L40,015xW16xH16mm	2700K	Dual Bend (Black)	24Vdc	7.2 W/M	25 lm/m	>90	50 mm	40m	IP67	112°
NF-DUA-24V-40M-16X16MM-30K90-BK	L40,015xW16xH16mm	3000K	Dual Bend (Black)	24Vdc	7.2 W/M	26 lm/m	>90	50 mm	40m	IP67	112°
NF-DUA-24V-40M-16X16MM-35K-BK	L40,015xW16xH16mm	3500K	Dual Bend (Black)	24Vdc	7.2 W/M	28 lm/m	>85	50 mm	40m	IP67	112°
NF-DUA-24V-40M-16X16MM-40K90-BK	L40,015xW16xH16mm	4000K	Dual Bend (Black)	24Vdc	7.2 W/M	29 lm/m	>90	50 mm	40m	IP67	112°
NF-DUA-24V-40M-16X16MM-50K90-BK	L40,015xW16xH16mm	5000K	Dual Bend (Black)	24Vdc	7.2 W/M	28 lm/m	>90	50 mm	40m	IP67	112°
NF-DUA-24V-40M-16X16MM-60K90-BK	L40,015xW16xH16mm	6000K	Dual Bend (Black)	24Vdc	7.2 W/M	27 lm/m	>90	50 mm	40m	IP67	112°

Bending Diagram



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

Spectroscopic Data

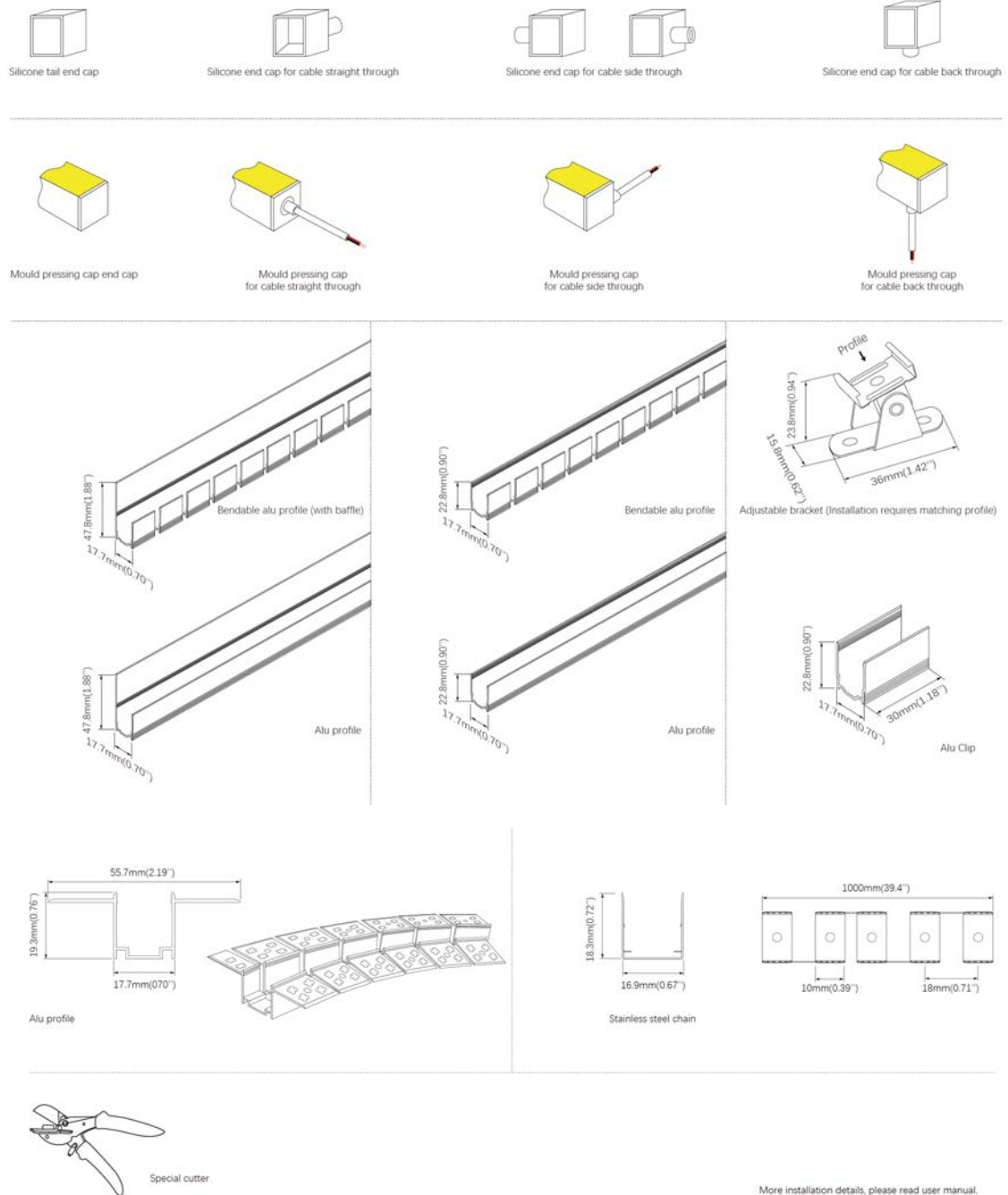


Remark: Output data is from test result of 4000K neon light ;
Tolerance +10%.

Flux out: 331.2 lm

Height	Eavg,Emax	Angle:112.10 deg	Diameter
1m	46.19,158.3lx		297.09cm
2m	11.55,39.58lx		594.19cm
3m	5.132,17.59lx		891.28cm
4m	2.887,9.894lx		1188.37cm
5m	1.848,6.332lx		1485.46cm
6m	1.283,4.397lx		1782.56cm
7m	0.9427,3.231lx		2079.65cm
8m	0.7217,2.474lx		2376.74cm
9m	0.5702,1.954lx		2673.83cm
10m	0.4619,1.583lx		2970.93cm

Installation



Document Revision

Revision	Description	Date	Author
1.0	Initial release	18 August 2025	Michael Xu