



LED NEON LIGHT

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

Feature

- Flexible dual-bend design suitable for plane, curved, and irregular surfaces.
- Sleek white or black finish with anti-glare honeycomb cover (UGR<19).
- Customizable length with free-cutting option.
- Smooth, dot-free lighting up to 5m (16.4 ft).
- PWM dimmable function.
- Made from food-grade silicone—soft, durable, and weather-resistant.
- IP67 and IK06 rated for indoor and outdoor use.
- Long lifespan of 50,000 hours with 5-year warranty (CE & UL approved).
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Applications

- Perfect for decorative, cove, and landscape lighting in luxurious settings.



Specification

Part No.	Dimension	Colour	Style	Voltage	Power	Brightness	CRI	Increment	Max Run	IP Rating	Beam Angle
NF-DUA-24V-5M-16X16MM-30K	5000*16*16mm	3000K	SMD	24Vdc	14W/m	148lm/m	Ra≥90	Free-cutting	5m	IP67	50°
NF-DUA-24V-5M-16X16MM-40K	5000*16*16mm	4000K	SMD	24Vdc	14W/m	154lm/m	Ra≥90	Free-cutting	5m	IP67	50°

Parameter



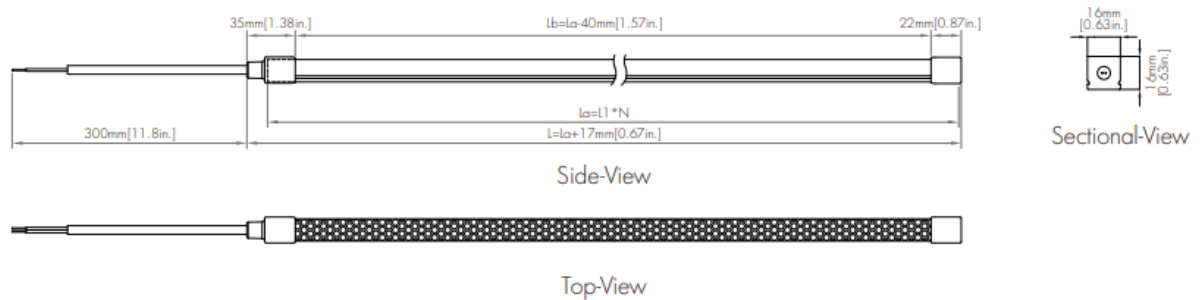
Style	Dimension	Max. Run Length (La) & Max. Shipping Length	Strip Increment (L1)	LED Type	LED QTY	IP&IK Rating	Operating Ambient	Lifespan	Warranty
Dual-Bend (White) Std-Efficacy White/Black Jacket	W16xH16mm [W0.63xH0.63in.]	5M [16.4ft.] (Power fed on one side) & 5M [16.4ft.]	Free-cutting to be any length	SMD 2835	120LED/M [36LED/ft.]	IP67 [Vet] (End cap sealed by die-casting process) / IP54 [Damp] (End cap sealed by gluing process) & IK06	Ta: -20~45°C [-4~113°F]	50,000h (L70@ Tc≤65°C [149°F], Tc is the temp. of LED pin.)	5 years
Dual-Bend (White) High-Efficacy White/Black Jacket			50mm [1.97in.]						

Style	Power ±10%	Operating Voltage	Finished Product CCT/ Wavelength	Ra≥80, 4000K		Ra≥90, 4000K		Beam Angle
				Luminous Flux±10%	Light Efficiency	Luminous Flux±10%	Light Efficiency	
Dual-Bend (White) Std-Efficacy White/Black Jacket	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)	154lm/M [47lm/ft.]	11lm/W	140lm/M [43lm/ft.]	10lm/W	50° (UGR<19)
Dual-Bend (White) High-Efficacy White/Black Jacket				308lm/M [94lm/ft.]	22lm/W	280lm/M [85lm/ft.]	20lm/W	

Note:

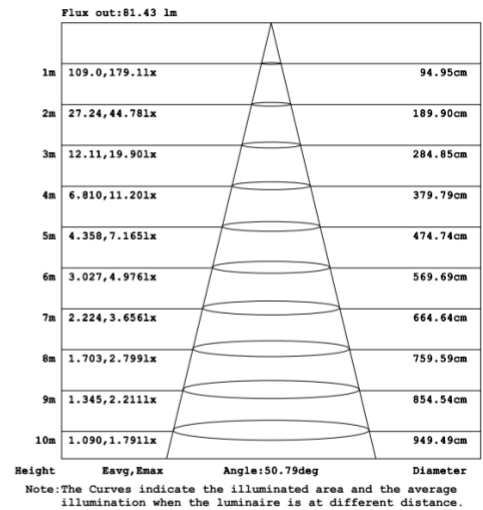
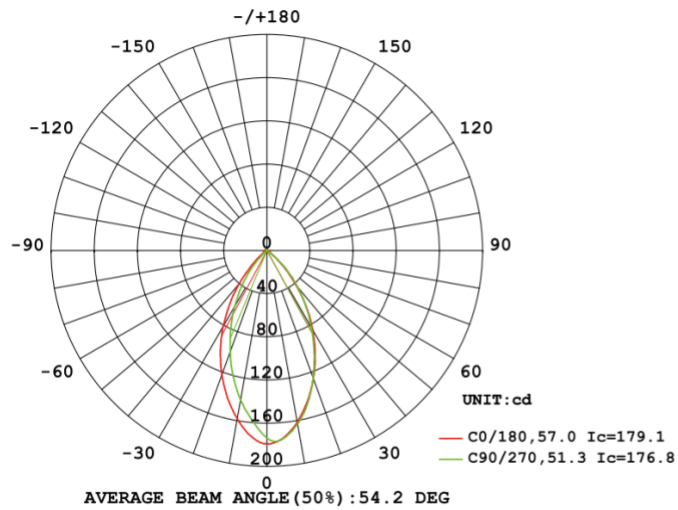
- Luminous flux for CCT 2700K is 10% lower, for CCT 3000K is 8% lower, for CCT 3500K is 3% lower, for CCT 5000K/6000K is 2% lower, compared with 4000K.
- The power of the strip needs to be reduced to 9W/M[2.74W/ft.] for operating ambient temperature in -20~55°C[-4~131°F].
- The standard packing length is fixed by default per reel without installation accessories, customized packing needs to be evaluated.
- Installation accessories pack should be ordered separately according to specific case.

Dimensions Diagram





Spectroscopic Data



4000K, CRI80

Document Revision

Revision	Description	Date	Author	Approver
1.0	Initial release	10 November 2025	Jesse Jankelowitz	Michael Xu