



Neon Flex LED strip – 10x10mm series

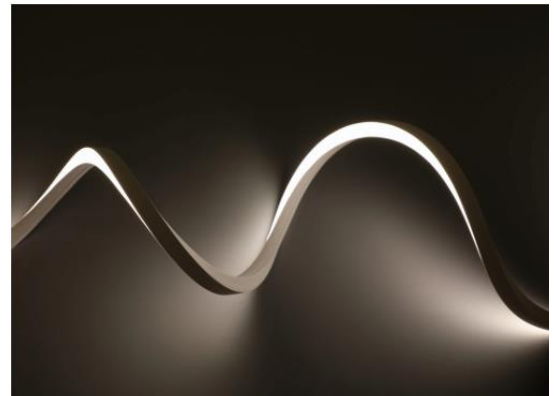
NF-DUA-24V-20M-10X10MM-XXK-IP67

Feature

- Dual-bend performance to fix many curved and complex irregular structures.
- Uniform, dot-free lighting up to 5m (32.8 ft) per run
- Cuttable to any length with sealed end caps
- Dimmable via PWM signal
- Durable PVC sheathing with silicone extrusion technology
- High brightness, flexibility, impact and weather resistance
- Long lifespan up to 50,000 hours
- 5-year warranty

Applications

- Showcase and advertising display lighting
- Hotel, garden, and bridge lighting
- Corridor, ceiling, stair, and pathway lighting
- Signage and architectural lighting



Specification

Part No.	Dimension	Colour	Style	Voltage	Power	Brightness	CRI	Increment	Max Run	IP Rating	Beam Angle
NF-DUA-24V-20M-10X10MM-27K-IP67	20000*10*10mm	2700K	Neon Flex (Dual Bend)	24Vdc	8W/m	513lm/m	Ra≥90	Free Cutting	5m	IP67	120°
NF-DUA-24V-20M-10X10MM-30K-IP67	20000*10*10mm	3000K	Neon Flex (Dual Bend)	24Vdc	8W/m	524lm/m	Ra≥90	Free Cutting	5m	IP67	120°
NF-DUA-24V-20M-10X10MM-40K-IP67	20000*10*10mm	4000K	Neon Flex (Dual Bend)	24Vdc	8W/m	570lm/m	Ra≥90	Free Cutting	5m	IP67	120°
NF-DUA-24V-20M-10X10MM-50K-IP67	20000*10*10mm	5000K	Neon Flex (Dual Bend)	24Vdc	8W/m	558lm/m	Ra≥90	Free Cutting	5m	IP67	120°
NF-DUA-24V-20M-10X10MM-60K-IP67	20000*10*10mm	6000K	Neon Flex (Dual Bend)	24Vdc	8W/m	558lm/m	Ra≥90	Free Cutting	5m	IP67	120°



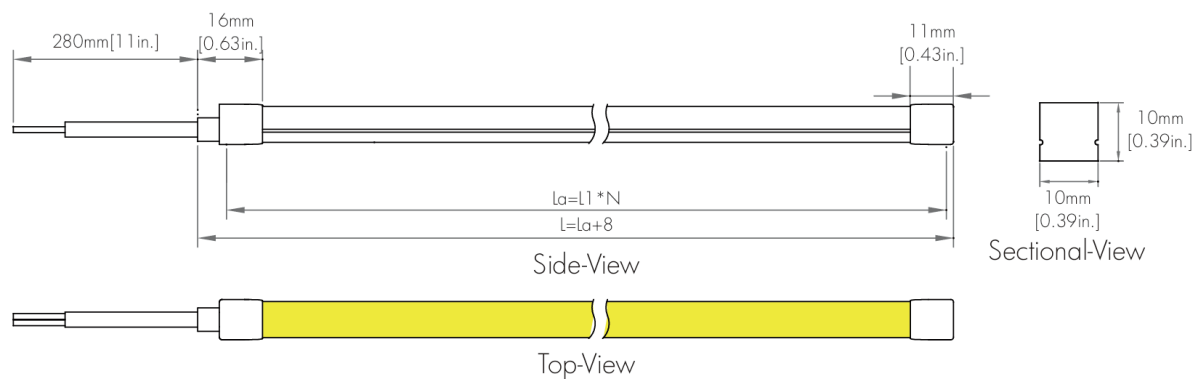
Parameters

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)	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 [-4~113°F]	50,000h (White) (L70@ Tc≤65°C[149°F], Tc is the temp. of LED pin.)	5 years (White)
Dual-Bend (White High-Efficacy)			31.3mm [1.23in.]		224LED/M [68LED/ft.]				

Style	Power ±10%	Operating Voltage	Finished Product CCT/ Wavelength	CRI80&4000K(Ra/Rf/Rg≥80, TLCI≥60)		CRI90&4000K(Ra/Rf/Rg/TLCI≥90)		Beam Angle
				Luminous Flux±10%	Light Efficiency	Luminous Flux±10%	Light Efficiency	
Dual-Bend (White)	8W/M [2.44W/ft.]	24VDC	2700K±120K 3000K±150K 3500K±300K 4000K±300K 5000K±400K 6000K±500K (LED is 3-step SDCM in one bin)	\	\	570lm/M [174lm/ft.]	71lm/W	120°
Dual-Bend (White High-Efficacy)						650lm/M [198lm/ft.]	81lm/W	

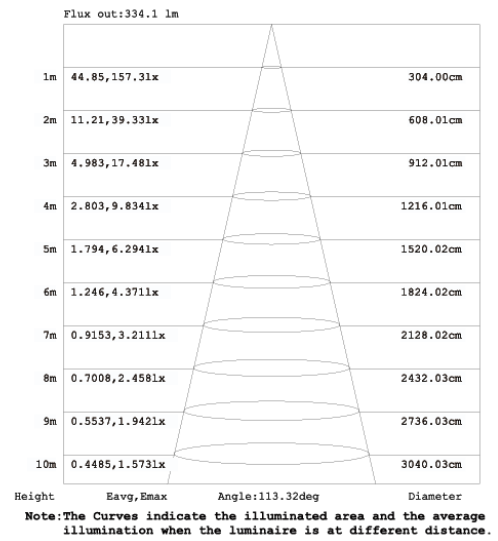
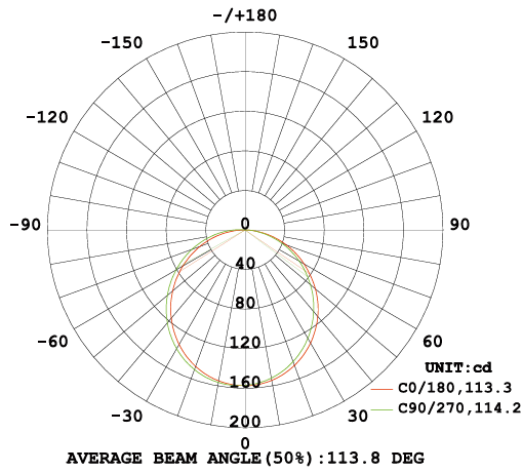
- Luminous flux for CCT 2700K is 10% lower, for CCT 3000K is 8% lower, for CCT 3500K is 3% lower, for CCT 5000K/6000K is 2% lower, compared with 4000K.
- The power of the strip needs to be reduced to 5W/M[1.52W/ft.]@White for operating ambient temperature in -20~55°C[-4~131°F].
- The standard packing 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



White, 4000K, CRI90

Document Revision

Revision	Description	Date	Author	Approver
1.0	Initial release	05 May 2026	Jesse Jankelowitz	Michael Xu