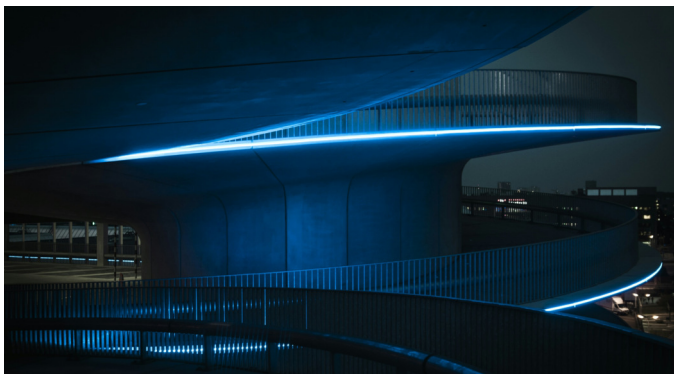
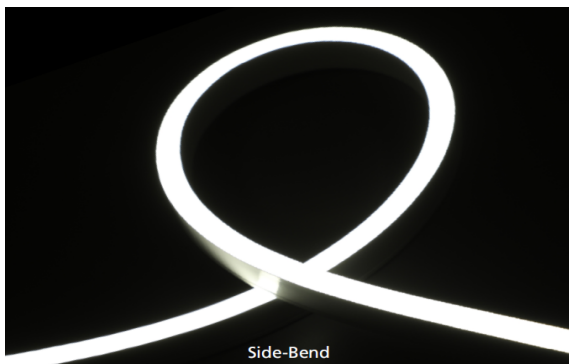
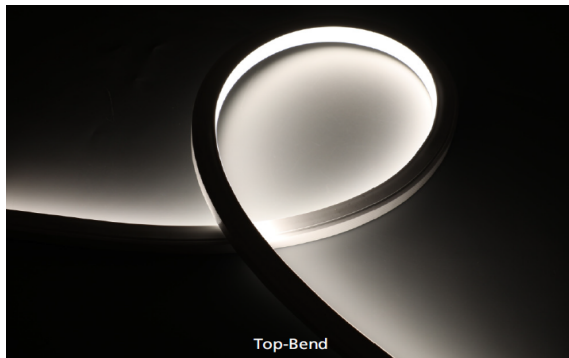


Flexible Neon Ultra Long

Top or Side Bend



Features

The FNUL is a uniform, dot-free, 24v flexible neon strip with 4.27, 2.93, or 1.46 watts per foot (maximum run length is 164ft.), and available in a Top Bend or Side Bend.

Environmentally-friendly extruded silicone with high grade appearance, soft bend flexibility, strong impact resistant and high weather resistance. Customized lengths available using 1.97" increments.

IP65 rated, and suitable for indoor and outdoor use. LED lifespan 50,000 hours, certified to CE/UL/RoHS standards.

5 year warranty.

Application

The FNUL is perfect for cove lighting, outlining spaces, architectural applications, and landscape lighting. This versatile flexible strip can be used in retail spaces, offices, multifamily, and any other space where consistent, even illumination is required.



General Parameters

Port No.	Style	Dimension	Max. Length (la)	Strip Increment	LED type	LED QTY	IP Rating	Operating Ambient	Lifespan
FNUL-T-xxK-120	Top-Bend Silicone Extrusion	W0.63xH0.63in.	4.27w/ft 65.6ft 2.93w/ft 98.4ft 1.46w/ft 164ft.	[1.97in.]	SMD2835/ 3 Step 1 Bin	36LED/ft.	IP65 outdoor	Ta: -4 - 113F	L70@50,000h
FNUL-S-xxK-120	Side-Bend Silicone Extrusion	W0.45xH0.79in.							

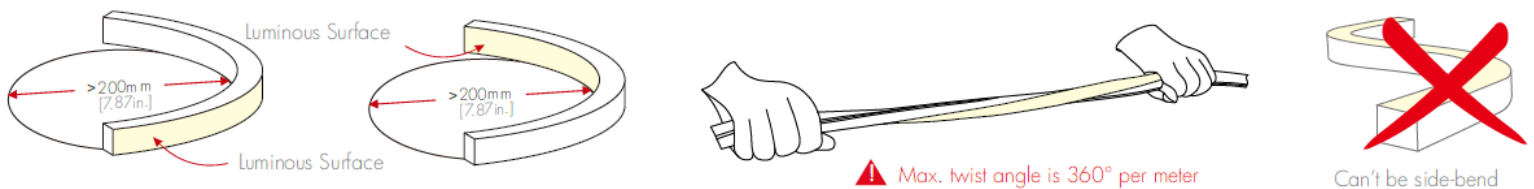
Photoelectric Parameters

Port No.	Operating Voltage	Power ±10%	Finished Product CCT/ Wavelength	Beam Angle	CRI80, 4000K		CRI90, 4000K	
					Luminous flux±10%	Light Efficiency	Luminous flux±10%	Light Efficiency
FNUL-T-xxK-120	24VDC	4.27W/ft. 2.93W/ft. 1.46W/ft.	2700K±120K	120°	250lm/ft.	59lm/W	213lm/ft.	50lm/W
			3000K±150K		171lm/ft.		146lm/ft.	
FNUL-S-xxK-120			3500K±300K		86lm/ft.		73lm/ft.	
			4000K±300K		170lm/ft.	40lm/W	146lm/ft.	34lm/W
			5000K±400K		117lm/ft.		100lm/ft.	
			6500K±500K		59lm/ft.		50lm/ft.	

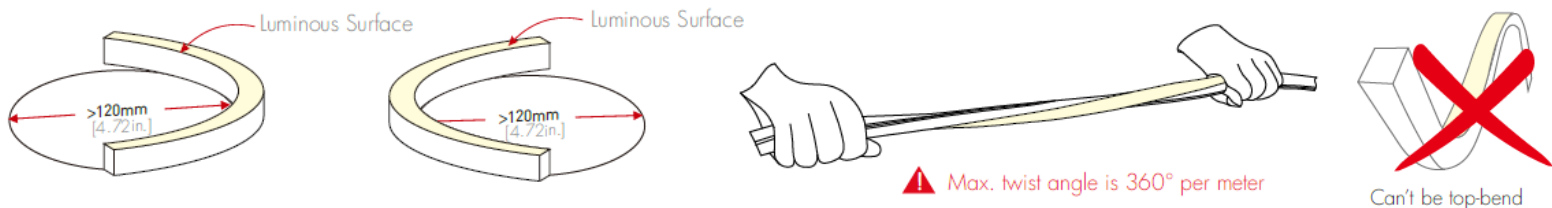
Note:

- (1) Luminous flux for CCT 2700K is 10% lower, for CCT 3000K/3500K is 5% lower, for CCT 5000K/6000K is the same, compared with 4000K.
- (2) The Max. Length (La) is defined as power fed on one side.
- (3) The power of the strip need to be reduced to 9W/M[2.74W/ft.]@White&NS-131&NS-224 for operating ambient temperature in -20~55°C[-4~131°F]

Top Bend



Side Bend



Ordering Information

Example: FNUL-T-35K-2.4-xxL-24V

Part No.	Bend		Color Temp		Watts/ft		xx Run Length		Voltage	
FNUL	T	Top Bend	27	2700k	L	1.46 W/ft.	xx	164' (Max Run)	24v	24vdc
			30	3000k						
			35	3500k						
	S	Side Bend	40	4000k	M	2.93 W/ft.	xx	98.4 (Max Run)		
			50	5000k						
			60	6000k					H	4.27 W/ft.
CU		Custom cut from factory in 1.97" increments (specify length)								

Accessories

TOP BEND ACCESSORIES

FS-FNUL-T-RPF FS-FNUL-T-BPF	Rear Power Feed, Hardwire Bottom Power Feed, Hardwire
FS-FNUL-T-MBKT FS-FNUL-T-MCLIPS	Brackets with Screws (2 pieces) Clips with Screws (2 pieces)
FS-FNUL-T-CHANNEL	39" Aluminum Channel (w/screws), Silver Finish
FS-FNUL-T-FLEXCH	39" Flexible Stainless Steel Channel, White Finish
FS-FNUL-T-MUDCH	39" Mud-In Channel, Silver Finish

SIDE BEND ACCESSORIES

FS-FNUL-S-RPF FS-FNUL-T-BPF	Rear Power Feed, Hardwire Bottom Power Feed, Hardwire
FS-FNUL-T-MBKT FS-FNUL-T-MCLIPS	Brackets with Screws (2 pieces) Clips with Screws (2 pieces)
FS-FNUL-T-CHANNEL	39" Aluminum Channel (w/screws), Silver Finish
FS-FNUL-T-FLEXCH	39" Flexible Stainless Steel Channel, White Finish

Recommended Power Supplies

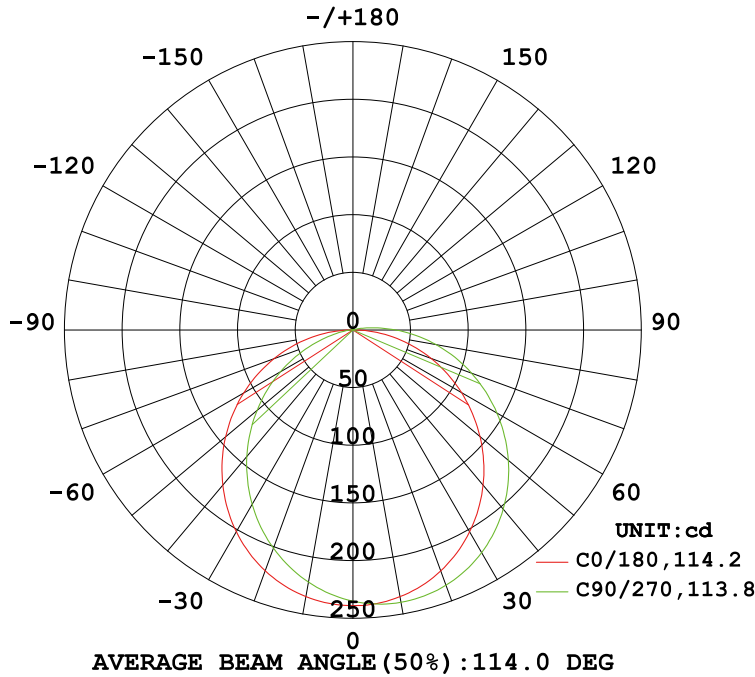
Dimmable with 0-10v, ELV, MLV, TRIAC



Item Number	Description	Max/Min Load	Input Voltage	Output Voltage	Dimmable	Dimensions
PS-TSLC-UNV-24V-30WDHV2	30w	30W / 3w	100-277VAC	24V DC	Yes*	6.49"L x 3.6"W x 1.02"H
PS-TSLC-UNV-24V-60WDHV2	60w	60W / 6w	100-277VAC	24V DC	Yes*	7.4"L x 3.6"W x 1.02"H
PS-TSLC-UNV-24V-96WDHV2	96w	96W / 9.6w	100-277VAC	24V DC	Yes*	8.66"L x 3.6"W x 1.61"H
PS-TSLC-UNV-24V-288WDHV2	288w (3 x 96w)	288W / 28.8w	100-277VAC	24V DC	Yes*	11.85"L x 4.25"W x 1.8"H
PS-TSLC-UNV-24V-300WDHV2	300w	300W / 30w	100-277VAC	24V DC	Yes*	10.94"L x 4.33"W x 1.77"H

Light Distribution Diagram

4.27W/ft., CRI80, 4000K, Top Bend



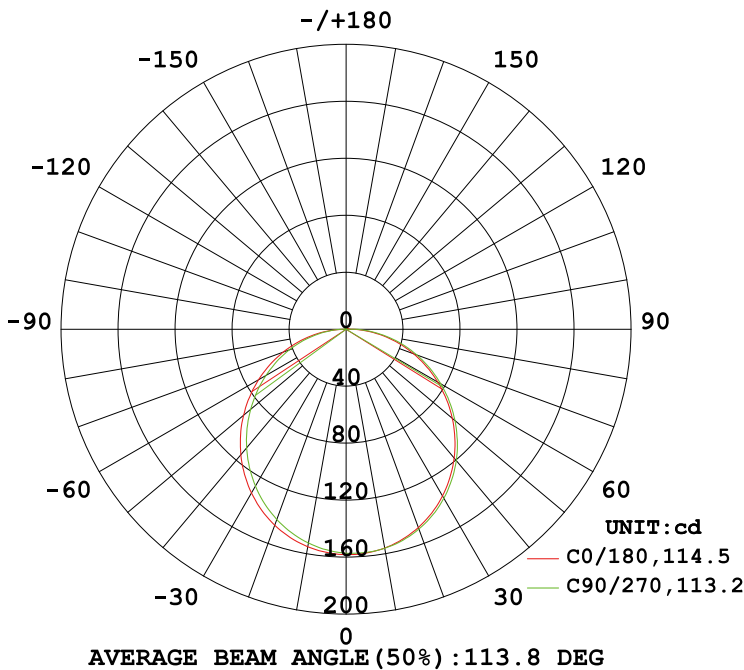
Flux out: 505.3 lm

Height	Eavg, Emax	Angle: 113.82deg	Diameter
1m	67.84, 239.01x		306.91cm
2m	16.96, 59.751x		613.81cm
3m	7.537, 26.551x		920.72cm
4m	4.240, 14.941x		1227.62cm
5m	2.713, 9.5591x		1534.53cm
6m	1.884, 6.6381x		1841.44cm
7m	1.384, 4.8771x		2148.34cm
8m	1.060, 3.7341x		2455.25cm
9m	0.8375, 2.9501x		2762.15cm
10m	0.6784, 2.3901x		3069.06cm

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Light Distribution Diagram

4.27W/ft., CRI80, 4000K, Side Bend



Flux out: 335.2 lm

Height	Eavg, Emax	Angle: 112.80deg	Diameter
1m	44.99, 158.21x		301.05cm
2m	11.25, 39.541x		602.09cm
3m	4.999, 17.581x		903.14cm
4m	2.812, 9.8861x		1204.19cm
5m	1.800, 6.3271x		1505.24cm
6m	1.250, 4.3941x		1806.28cm
7m	0.9182, 3.2281x		2107.33cm
8m	0.7030, 2.4721x		2408.38cm
9m	0.5555, 1.9531x		2709.42cm
10m	0.4499, 1.5821x		3010.47cm

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.