

Nano Flat

BL Neonview

Diffused, Flexible, Linear LED Lighting,
24VDC, Constant Voltage
Flat Profile, Silicone, Single Color

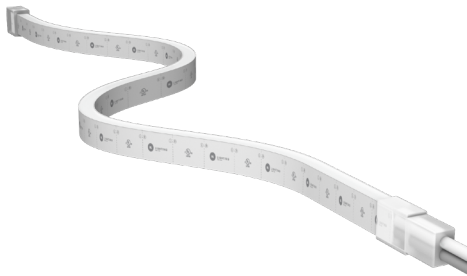


Nano Flat is an ultra-compact IP65 silicone extrusion neon flex designed for precise horizontal bending applications. Featuring a super slim profile with a matte-treated, smooth, and dust-resistant surface, it delivers clean, uniform illumination in a discreet form factor. The constant-voltage design supports a maximum run of 16.4ft per piece with a minimum cut section of 0.39in (10mm), allowing flexible and precise installation. UV and saltwater resistant, Nano Flat is cULus, CE, and RoHS compliant, ensuring reliable performance for indoor and outdoor applications.

Super Slim Profile 0.12" (3mm) | Dot-free | Seamless connections

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



Lighting	Lamp	COB
	LED Qty	146 LEDs/ft (478 LEDs/m)
	Beam Angle	120°
	Average Life	50,000 Hours
Electrical	Controls	0-10V, MLV, ELV, Phase-Cut, TRIAC, DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	1.66A
	Connections	20AWG Copper
	Power Cable Length	10ft
	Circuit	Class 2
Mechanical	Housing Construction	Injection Moulded White Silicone
	Minimum Bend Radius	1.18" (30mm)
	Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Environmental	Ingress Protection	IP65
	Resistance	UV and Saltwater Resistant
	Certifications	cULus, CE, RoHS Compliant



Performance

CCT/Color		2700K	3000K	4000K
Power	W/ft (W/m)	2.44 (8)		
Lumens	lm/ft (lm/m)	44 (144)	49 (160)	56 (184)
Efficacy	lm/W	18	20	23
CRI	CRI	90+		
Increment	inch (mm)	0.39 (10)		
Max. Length	ft (m)	16.4ft (5m)		

Ordering

Product Code	Series	CCT/Color	Input Voltage	IP Rating
NOF	N		24	IP65
		2700K		
		3000K		
		4000K		

Note:
Lengths, Lead Orientations & Mounting Accessories for Neonview must be confirmed at time of order.

BL LIGHTING
ILLUMINATE EVERYTHING

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Solid State Lighting is sensitive to power fluctuations. Surge protection is highly recommended for all LED lighting products and should be on a dedicated circuit to protect against premature failure. Lack of surge protection may void your warranty.

Designed & Assembled in North America.

Specifications subject to change without notice. Please refer to our website at bllighting.com for current technical data.

For more information, please download the BL LIGHTING catalog

bllighting.com



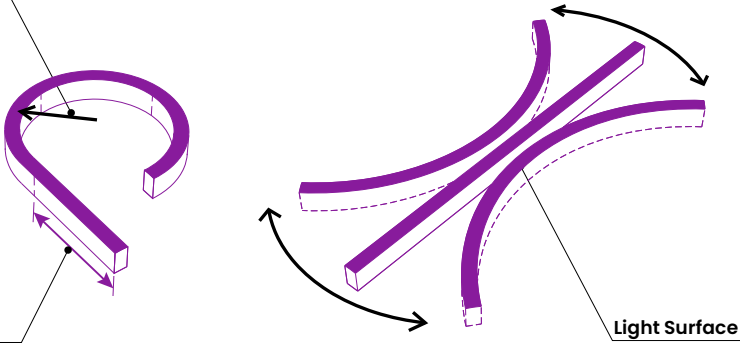
Minimum Bend Radius and Bend Orientation

Minimum Bend Radius

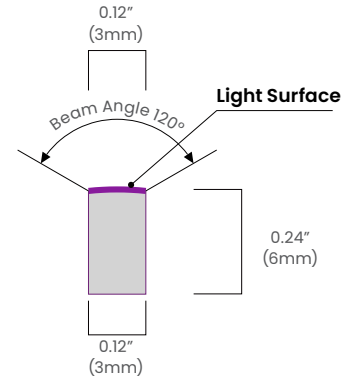
1.18" (30mm)

Cutting Increments

0.39" (10mm)



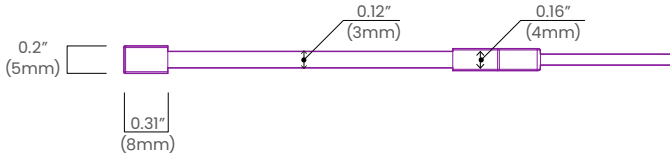
Beam Angle & Viewing Angle



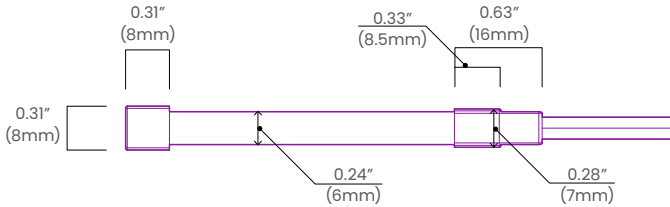
Average Beam Angle (50%): 113.8°

Dimensions & Lead Orientations

Top View

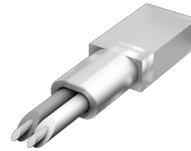


Side View



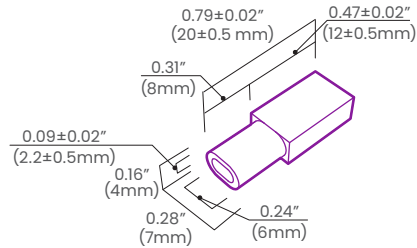
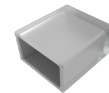
End Lead

NVS NOF EC 65



End Cap

NVS NOF CAP



Accessories & Dimensions

Mounting Channel

NVNOF CCH

