

Delivering up to 96 lm/FT in a narrow 11/64" (4.5mm) profile, our flexible, dimmable, slim LED ribbon seamlessly integrates into the most detailed designs. Add architectural accents to niches, coves, bar shelving and displays, in commercial, residential, and retail environments. Available in IP20 or IP65 rated for wet locations, BL Flexform N1 is compatible with BL Fixform Profiles, and UL listed.

Up to 96 lm/ft 1W/FT 90+ CRI Ultra Slim Design

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



Lighting	Number of LED's	42 Diodes/FT (140/m)
	Lamp	SMD 2216
	Beam Angle	120°
Electrical	Average Life	50,000 Hours
	CCT Binning	SDCM <3 LED's
	Controls	0-10V, MLV, ELV, Phase-Cut, Triac, DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	1.40A
Mechanical	Connections	20AWG, Copper Conductors
	Circuit	Class 2
	Housing Construction	Flexible PCB Board, Silicone Jacket
Environmental	Mounting Options	Clips, Channel, Adhesive
	Ingress Protection	IP20, IP65
	Certifications	cULus, CE, RoHS Compliant
	Operating Temperature	-4°F to 104°F (-20°C to 40°C)

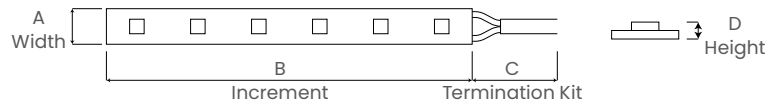
Performance

CCT/Color		2700K	3000K	4000K	6500K
Power	W/FT (W/m)	1.00 (3.30)			
Lumens	lm/FT (lm/m)	91(297)	91 (297)	96 (314)	96 (314)
Efficacy	lm/W	91	91	96	96
CRI	CRI	90+			
Increment	inch (mm)	1.96 (50)			
Max. Length	ft (m)	32ft 8in (10m)			

Ordering

Product Code	Series	CCT	Input Voltage	IP Rating
N1	F	2700K	24	IP20
		3000K		IP65
		4000K		
		6500K		

Dimensions



Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.18 (4.5)	1.96 (50)	10ft(3m)	0.05 (1.3)
	DMP(IP65)	0.24 (6)	1.96 (50)		0.16 (4)



Compatible Profile

- Compatibility chart is for DRY (IP20) tape only
- Measurements in inch (mm)

Dotting Table:

A = No visible dots

B = Slight visible dots

C = Clear visible dots



Surface Mount

	SN1008 BL Fixform	 0.39 (10) x 0.34 (8.5)	Dotting A Spec Sheet
	S2222 BL Fixform	 0.77 (19.5) x 0.76 (19.8)	Dotting A Spec Sheet
	S2232 BL Fixform	 0.77 (19.5) x 1.20 (30.4)	Dotting A Spec Sheet
	S2221 BL Fixform	 0.77 (19.5) x 0.77 (19.5)	Dotting A Spec Sheet
	S1507 BL Fixform	 0.60 (15) x 0.26 (7)	Dotting C Spec Sheet
	S1709 BL Fixform	 0.68 (17.4) x 0.32 (8.2)	Dotting C Spec Sheet
	S1617 BL Fixform	 0.69 (17.5) x 0.63 (16)	Dotting B Spec Sheet
	S4930 BL Fixform Requires 2 LED Strips	 1.97 (50) x 1.26 (32)	Dotting A Spec Sheet
	S2215 BL Fixform 30° Beam Spread Lens Optic	 0.77 (19.5) x 0.65 (16.6)	Dotting C Spec Sheet
	R3314 BL Fixform 45° Angle Frosted Optic	 1.06 (27) x 0.59 (15) x 1.30 (33)	Dotting B Spec Sheet

	SD1616 BL Fixform Double Sided Frosted Lens Optic	 0.63 (16) x 0.63 (16)	Dotting C Spec Sheet
	SS1616 BL Fixform 45° Angle Frosted Optic	 0.63 (16) x 0.63 (16)	Dotting C Spec Sheet



Compatible Profile

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Recessed Mount

	RN1309 BL Fixform	 0.50 (12.6) 0.35 (8) 0.31 (8)	Dotting A	Spec Sheet
	RN1007 BL Fixform Black Recessed Channel	 0.29 (7.3) 0.36 (9.3) 0.21 (5.3)	Dotting A	Spec Sheet
	R2626 BL Fixform In-Floor Profile	 1.02 (26) 1.02 (26)	Dotting A	Spec Sheet
	RS2811 BL Fixform 3/8" Recess Depth	 1.10 (28.1) 0.43 (11) 0.92 (23.5)	Dotting C	Spec Sheet
	R2416 BL Fixform Ceiling Flanged Extrusion	 0.95 (24) 0.79 (20) 0.69 (17.5)	Dotting B	Spec Sheet
	R4435 BL Fixform Ceiling Flanged Extrusion	 1.73 (44) 1.38 (35) 1.38 (35)	Dotting A	Spec Sheet
	RT2414 BL Fixform Mud-In Drywall Channel	 2.82 (71.6) 1.24 (31.6) 0.58 (14.7)	Dotting C	Spec Sheet

Specialty

	ST5921 BL Fixform	 2.32 (59.1) 0.85 (21.7)	Dotting B	Spec Sheet
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Suspended

	SP2020 BL Fixform Suspended and Surface Mount Options Available	 0.79 (20) 0.79 (20)	Dotting B	Spec Sheet
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