

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

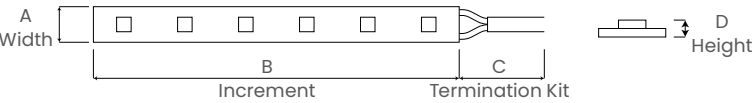
Performance

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 - 15/16 (50)			
Max. Length	ft (m)	32ft 8in (10m)			

Ordering

Product Code	CCT	IP Rating	Profile
BL flexFORM N1			
	2700K	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

	BL flexFORM SF Narrow Square	 0.39 (10) x 0.34 (8.5)	Dotting A	Spec Sheet
	BL flexFORM SF Square 2222	 0.77 (19.5) x 0.78 (19.8)	Dotting A	Spec Sheet
	BL flexFORM SF Rectangle 2232	 0.77 (19.5) x 1.20 (30.4)	Dotting A	Spec Sheet
	BL flexFORM SF Round 2221	 0.77 (19.5) x 0.77 (19.5)	Dotting A	Spec Sheet
	BL flexFORM SF Shallow 1709	 0.68 (17.4) x 0.32 (8.2)	Dotting C	Spec Sheet
	BL flexFORM SF Square 1617	 0.69 (17.5) x 0.63 (16)	Dotting B	Spec Sheet
	BL flexFORM SF Wide 4930 Requires 2 LED Strips	 1.97 (50) x 1.26 (32)	Dotting A	Spec Sheet
	BL flexFORM SF Focus Beam 30° Beam Spread Lens Optic	 0.77 (19.5) x 0.65 (16.6)	Dotting C	Spec Sheet
	BL flexFORM Recessed 3314 45° Angle Frosted Optic	 1.06 (27) x 0.59 (15) x 1.30 (33)	Dotting B	Spec Sheet
	BL flexFORM SF Single Side 45 1616 45° Angle Frosted Optic	 0.63 (16) x 0.63 (16)	Dotting C	Spec Sheet
	BL flexFORM SF Double Side 45 Double Sided Frosted Lens Optic	 0.63 (16) x 0.63 (16)	Dotting C	Spec Sheet

Recessed Mount

	BL flexFORM Recessed Narrow 1309	 0.50 (12.8) x 0.31 (8) x 0.35 (9)	Dotting A	Spec Sheet
	BL flexFORM Recessed Nano 1007 Black Recessed Channel	 0.29 (7.3) x 0.21 (5.3) x 0.36 (9.3)	Dotting A	Spec Sheet
	BL flexFORM Recessed 2626 In-Floor Profile	 1.02 (26) x 1.02 (26)	Dotting A	Spec Sheet
	BL flexFORM Recessed Shallow 2811 3/8" Recess Depth	 1.10 (28.1) x 0.92 (23.5) x 0.43 (11)	Dotting C	Spec Sheet
	BL flexFORM Recessed 2416 Ceiling Flanged Extrusion	 0.95 (24) x 0.69 (17.5) x 0.79 (20)	Dotting B	Spec Sheet
	BL flexFORM Recessed 4435 Ceiling Flanged Extrusion	 1.73 (44) x 1.38 (35) x 1.36 (35)	Dotting A	Spec Sheet
	BL flexFORM Recessed Trimless 2414 Mud-In Drywall Channel	 2.82 (71.6) x 1.24 (31.6) x 0.58 (14.7)	Dotting C	Spec Sheet

Specialty

	BL flexFORM Stair Nose	 2.32 (59.1) x 0.85 (21.7) x 0.85 (21.7)	Dotting B	Spec Sheet
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Suspended

	BL flexFORM SP Round 2020 Suspended and Surface Mount Options Available	 0.79 (20) x 0.79 (20)	Dotting B	Spec Sheet
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