

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



IP20



IP65



LOW



DIM



Bluetooth



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

Circuit Class 2

Mechanical

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)

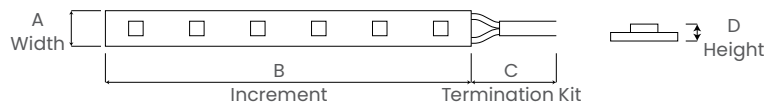
Performance



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 fixFORM SF Narrow Square	 0.39 (10) x 0.34 (8.5)	Dotting A	Spec Sheet
	BL fixFORM SF Square 2222	 0.77 (19.5) x 0.78 (19.8)	Dotting A	Spec Sheet
	BL fixFORM SF Rectangle 2232	 0.77 (19.5) x 1.20 (30.4)	Dotting A	Spec Sheet
	BL fixFORM SF Round 2221	 0.77 (19.5) x 0.77 (19.5)	Dotting A	Spec Sheet
	BL fixFORM SF Shallow 1709	 0.68 (17.4) x 0.32 (8.2)	Dotting C	Spec Sheet
	BL fixFORM SF Square 1617	 0.69 (17.5) x 0.63 (16)	Dotting B	Spec Sheet
	BL fixFORM SF Wide 4930 Requires 2 LED Strips	 1.97 (50) x 1.26 (32)	Dotting A	Spec Sheet
	BL fixFORM SF Focus Beam 30° Beam Spread Lens Optic	 0.77 (19.5) x 0.65 (16.6)	Dotting C	Spec Sheet
	BL fixFORM SF Single Side 45 45° Angle Frosted Optic	 0.73 (18.5) x 0.73 (18.5)	Dotting B	Spec Sheet
	BL fixFORM SF Single Side 45 1616 45° Angle Frosted Optic	 0.63 (16) x 0.63 (16)	Dotting C	Spec Sheet
	BL fixFORM SF Double Side 45 Double Sided Frosted Lens Optic	 0.63 (16) x 0.63 (16)	Dotting C	Spec Sheet

Recessed Mount

	BL fixFORM Recessed Narrow 1309	 0.50 (12.8) x 0.31 (8) x 0.35 (9)	Dotting A	Spec Sheet
	BL fixFORM 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 fixFORM Recessed 2626 In-Floor Profile	 1.02 (26) x 1.02 (26)	Dotting A	Spec Sheet
	BL fixFORM 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 fixFORM Recessed 2416 Ceiling Flanged Extrusion	 0.95 (24) x 0.69 (17.5) x 0.79 (20)	Dotting B	Spec Sheet
	BL fixFORM Recessed 4435 Ceiling Flanged Extrusion	 1.73 (44) x 1.38 (35) x 1.36 (35)	Dotting A	Spec Sheet
	BL fixFORM 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 fixFORM Stair Nose	 2.32 (59.1) x 0.85 (21.7)	Dotting B	Spec Sheet
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Suspended

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