

BL flexFORM Dot-Free N2

Flexible, Linear LED Strip Lighting
Monochromatic, 24VDC, Constant Voltage



BL flexFORM Dot-Free shines a continuous ribbon of diffused illumination, completely free of dots and hotspots, eliminating the need for a diffuser lens. The narrow design (4mm width) of the BL flexFORM Dot-Free N2 is ideal for use around highly reflective surfaces such as marble countertops and high gloss tiles, and the extremely low profile is perfect for tight spaces with low clearance. Available in IP20 and can be quick-shipped in just 1-2 days.

Up to 240lm/ft

2.4W/FT

90+ CRI

Quick Ship

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



IP20

LOW

DIM

Bluetooth

5 YEAR WARRANTY

Lighting	Number of LED's	146 Diodes/FT (478/m)
	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	4A
	Connections	20AWG, Copper Conductors
	Circuit	Class 2
Mechanical	Housing Construction	Flexible PCB Board, Silicone Jacket
	Mounting Options	Clips, Channel, Adhesive
Environmental	Ingress Protection	IP20
	Certifications	cULus, CE, RoHS Compliant
	Operating Temperature	-4°F to 104°F (-20°C to 40°C)

Performance

CCT/Color		2400K	2700K	3000K	3500K	4000K
Power	W/FT (W/m)	2.4 (7.9)				
Lumens	lm/FT (lm/m)	190 (624)	211 (692)	201 (660)	240 (787)	233 (765)
Efficacy	lm/W	79	88	84	100	97
CRI	CRI	90+				
Increment	inch (mm)	1.97 (50)				
Max. Length	ft (m)	16ft 4in (5m)				

Ordering

Product Code	CCT	IP Rating	Profile
BL flexFORM Dot-Free N2			
	2400K	IP20	
	2700K		
	3000K		
	3500K		
	4000K		

Dimensions

Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.16 (4)	1.97 (50)	10ft(3m)	0.08 (2)



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) 0.34 (8.6)	Dotting A	Spec Sheet
	BL flexFORM SF Square 2222	 0.77 (19.5) 0.78 (19.8)	Dotting A	Spec Sheet
	BL flexFORM SF Rectangle 2232	 0.77 (19.5) 1.20 (30.4)	Dotting A	Spec Sheet
	BL flexFORM SF Round 2221	 0.77 (19.5) 0.77 (19.5)	Dotting A	Spec Sheet
	BL flexFORM SF Shallow 1709	 0.68 (17.4) 0.32 (8.2)	Dotting A	Spec Sheet
	BL flexFORM SF Square 1617	 0.69 (17.5) 0.63 (16)	Dotting A	Spec Sheet
	BL flexFORM SF Wide 4930 Requires 2 LED Strips	 1.97 (50) 1.26 (32)	Dotting A	Spec Sheet
	BL flexFORM SF Focus Beam 30° Beam Spread Lens Optic	 0.77 (19.5) 0.65 (16.5)	Dotting A	Spec Sheet
	BL flexFORM Recessed 3314 45° Angle Frosted Optic	 1.06 (27) 1.30 (33) 0.59 (15)	Dotting A	Spec Sheet
	BL flexFORM SF Single Side 45 1616 45° Angle Frosted Optic	 0.63 (16) 0.63 (16)	Dotting A	Spec Sheet
	BL flexFORM SF Double Side 45 Double Sided Frosted Lens Optic	 0.63 (16) 0.63 (16)	Dotting A	Spec Sheet

Recessed Mount

	BL flexFORM Recessed Narrow 1309	 0.50 (12.8) 0.31 (8) 0.35 (9)	Dotting A	Spec Sheet
	BL flexFORM Recessed Nano 1007 Black Recessed Channel	 0.29 (7.3) 0.21 (5.3) 0.36 (9.3)	Dotting A	Spec Sheet
	BL flexFORM Recessed 2626 In-Floor Profile	 1.02 (26) 1.02 (26)	Dotting A	Spec Sheet
	BL flexFORM Recessed Shallow 2811 3/8" Recess Depth	 1.10 (28.1) 0.92 (23.5) 0.43 (11)	Dotting A	Spec Sheet
	BL flexFORM Recessed 2416 Ceiling Flanged Extrusion	 0.95 (24) 0.69 (17.5) 0.79 (20)	Dotting A	Spec Sheet
	BL flexFORM Recessed 4435 Ceiling Flanged Extrusion	 1.73 (44) 1.38 (35) 1.36 (35)	Dotting A	Spec Sheet
	BL flexFORM Recessed Trimless 2414 Mud-In Drywall Channel	 2.82 (71.6) 1.24 (31.6) 0.83 (21.7)	Dotting A	Spec Sheet

Specialty

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

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

