

BL flexFORM Dot-Free D1

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. BL flexFORM Dot-Free 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 or IP65 rated for wet locations, and can be quick-shipped in just 1-2 days.

Up to 120 lm/ft

1.22W/FT

90+ CRI

Quick Ship

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



Lighting	Number of LED's	146 Diodes/FT (478/m)
	Beam Angle	120°
	Average Life	50,000 Hours
Electrical	CCT Binning	SDCM <3 LED's
	Controls	0-10V, MLV, ELV, Phase-Cut, Triac, DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	4A
	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)

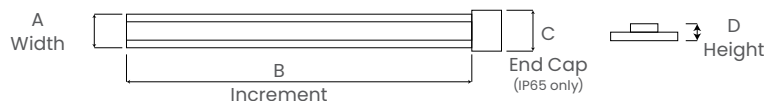
Performance

CCT/Color		2700K	3000K	4000K	6500K
Power	W/FT (W/m)	1.22 (4)			
Lumens	lm/FT (lm/m)	105 (345)	112 (366)	120 (392)	120 (392)
Efficacy	lm/W	86	92	98	98
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 D1			
	2700K	IP20	
	3000K	IP65	
	4000K		
	6500K		

Dimensions



Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.39 (10)	1.97 (50)	-	0.08 (2)
	DMP(IP65)	0.47 (12)	1.97 (50)	0.55 (14)	0.22 (5.5)

BL LIGHTING ILLUMINATE EVERYTHING

111 - 8838 Heather St. Vancouver, BC, Canada. V6P 3S8
P: 1-804-874-4405 E: info@bllighting.com
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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



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 Channel 2212		Dotting A	Spec Sheet
	BL fixFORM SF Square 2222		Dotting A	Spec Sheet
	BL fixFORM SF Rectangle 2232		Dotting A	Spec Sheet
	BL fixFORM SF Round 2221		Dotting A	Spec Sheet
	BL fixFORM SF Shallow 1709		Dotting A	Spec Sheet
	BL fixFORM SF Square 1617		Dotting A	Spec Sheet
	BL fixFORM SF Wide 4930 Requires 2 LED Strips		Dotting A	Spec Sheet
	BL fixFORM SF Focus Beam 30° Beam Spread Lens Optic		Dotting A	Spec Sheet
	BL fixFORM Recessed 3314 45° Angle Frosted Optic		Dotting A	Spec Sheet
	BL fixFORM SF Single Side 45 1616 45° Angle Frosted Optic		Dotting A	Spec Sheet
	BL fixFORM SF Double Side 45 Double Sided Frosted Lens Optic		Dotting A	Spec Sheet

Recessed Mount

	BL fixFORM Recessed 2626 In-Floor Profile		Dotting A	Spec Sheet
	BL fixFORM Recessed Shallow 2811 3/8" Recess Depth		Dotting A	Spec Sheet
	BL fixFORM Recessed 2416 Ceiling Flanged Extrusion		Dotting A	Spec Sheet
	BL fixFORM Recessed 4435 Ceiling Flanged Extrusion		Dotting A	Spec Sheet
	BL fixFORM Recessed Trimless 2414 Mud-In Drywall Channel		Dotting A	Spec Sheet

Specialty

	BL fixFORM SF Contour 1905 Bendable LED Channel		Dotting A	Spec Sheet
	BL fixFORM Stair Nose		Dotting A	Spec Sheet

Suspended

	BL fixFORM SP Round 2020 Suspended and Surface Mount Options Available		Dotting A	Spec Sheet
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