BL flexFORM Dot-Free D2

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

BL LIGHTING | SINCE 1986

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.

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Up to 265 lm/ft	2.5W/FT	91 CRI	Quick Ship

Product Detail

IP20 IP65 LOW DIM Bluetooth

CE RoHS c(UL)us LISTED 5 YEAR WARRANTY

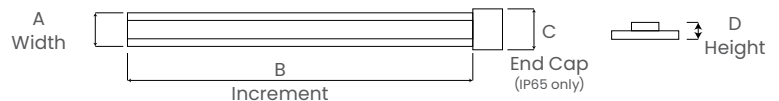|			
Lighting	Number of LED's	146 Diodes/FT (478/m)
	Beam Angle	120°
	Average Life	50,000 Hours
	CCT Binning	SDCM <3 LED's
Electrical	Controls	0-10V, MLV, ELV, Phase-Cut, Triac, DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	4A
	Connections	20AWG, Copper Conductors
	Circuit	Class 2
Mechanical	Housing Construction	Flexible PCB Board, Silicone Jacket
	Mounting Options	Clips, Channel, Adhesive
Environmental	Ingress Protection	IP20, IP65
	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)			2.44(8)		
Lumens	lm/FT (lm/m)	258 (846)	258 (846)	258 (846)	265 (869)	265 (869)
Efficacy	lm/W	100	100	100	102	102
CRI	CRI			91		
Increment	inch (mm)			1.97 (50)		
Max. Length	ft (m)			16ft 4in (5m)		

Ordering

Product Code	CCT	IP Rating	Profile
BL flexFORM Dot-Free D2			
	2400K	IP20	
	2700K	IP65	
	3000K		
	3500K		
	4000K		

Dimensions

A Width
B Increment
C End Cap (IP65 only)
D Height

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)

For more information, please downlad the BL LIGHTING catalog

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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

Suface Mount

	Dotting	
BL fixFORM **SF Channel 2212**	0.44 (11.2) / 0.77 (19.5)	A / Spec Sheet
BL fixFORM **SF Square 2222**	0.78 (19.8) / 0.77 (19.5)	A / Spec Sheet
BL fixFORM **SF Rectangle 2232**	1.20 (30.4) / 0.77 (19.5)	A / Spec Sheet
BL fixFORM **SF Round 2221**	0.77 (19.5) / 0.77 (19.5)	A / Spec Sheet
BL fixFORM **SF Shallow 1709**	0.32 (8.2) / 0.68 (17.4)	A / Spec Sheet
BL fixFORM **SF Square 1617**	0.63 (16) / 0.69 (17.5)	A / Spec Sheet
BL fixFORM **SF Wide 4930** Requires 2 LED Strips	1.26 (32) / 1.97 (50)	A / Spec Sheet
BL fixFORM **SF Focus Beam** 30° Beam Spread Lens Optic	0.65 (16.6) / 0.77 (19.5)	A / Spec Sheet
Recessed 3314 45° Angle Frosted Optic	1.30 (33) / 1.06 (27)	A / Spec Sheet
BL fixFORM **SF Single Side 45 1616** 45° Angle Frosted Optic	0.63 (16) / 0.63 (16)	A / Spec Sheet
BL fixFORM **SF Double Side 45** Double Sided Frosted Lens Optic	0.63 (16) / 0.63 (16)	A / Spec Sheet

Recessed Mount

	Dotting	
BL fixFORM **Recessed 2626** In-Floor Profile	1.02 (26) / 1.02 (26)	A / Spec Sheet
BL fixFORM **Recessed Shallow 2811** 3/8" Recess Depth	1.10 (28.1) / 0.43 (11) / 0.92 (23.5)	A / Spec Sheet
BL fixFORM **Recessed 2416** Ceiling Flanged Extrusion	0.95 (24) / 0.79 (20) / 0.69 (17.5)	A / Spec Sheet
BL fixFORM **Recessed 4435** Ceiling Flanged Extrusion	1.73 (44) / 1.38 (35) / 1.38 (35)	A / Spec Sheet
BL fixFORM **Recessed Trimless 2414** Mud-In Drywall Channel	2.82 (71.6) / 0.58 (14.7) / 1.24 (31.6)	A / Spec Sheet

Specialty

	Dotting	
BL fixFORM **SF Contour 1905** Bendable LED Channel	0.35 (9) / 0.71 (18)	A / Spec Sheet
BL fixFORM **Stair Nose**	0.85 (21.7) / 2.32 (59.1)	A / Spec Sheet

Suspended

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

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.

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