BL flexFORM Dot-Free D3

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.

| Up to 421 lm/ft | 4.4W/FT | 91 CRI | Quick Ship |

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail

Icons: IP20, IP65, LOW, DIM, Bluetooth, CE, RoHS, cULus 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	20 AWG, 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)			4.4(14.4)		
Lumens	lm/FT (lm/m)	419 (1,375)	419 (1,375)	419 (1,375)	421 (1,381)	421 (1,381)
Efficacy	lm/W	98	98	98	101	101
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 D3			
	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)

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 downlad the BL LIGHTING catalog

bllighting.com

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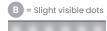
Compatible Profile

- 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

BL fixFORM
SF Channel 2212
0.44 (11.2) / 0.77 (19.5)
Dotting **A** — Spec Sheet

BL fixFORM
SF Square 2222
0.78 (19.8) / 0.77 (19.5)
Dotting **A** — Spec Sheet

BL fixFORM
SF Rectangle 2232
1.20 (30.4) / 0.77 (19.5)
Dotting **A** — Spec Sheet

BL fixFORM
SF Round 2221
0.77 (19.5) / 0.77 (19.5)
Dotting **A** — Spec Sheet

BL fixFORM
SF Shallow 1709
0.32 (8.2) / 0.68 (17.4)
Dotting **A** — Spec Sheet

BL fixFORM
SF Square 1617
0.63 (16) / 0.69 (17.5)
Dotting **A** — Spec Sheet

BL fixFORM
SF Wide 4930
Requires 2 LED Strips
1.26 (32) / 1.97 (50)
Dotting **A** — Spec Sheet

BL fixFORM
SF Focus Beam
30° Beam Spread Lens Optic
0.65 (16.6) / 0.77 (19.5)
Dotting **A** — Spec Sheet

BL fixFORM
Recessed 3314
45° Angle Frosted Optic
1.30 (33) / 0.59 (15) / 1.06 (27)
Dotting **A** — Spec Sheet

BL fixFORM
SF Single Side 45 1616
45° Angle Frosted Optic
0.63 (16) / 0.63 (16)
Dotting **A** — Spec Sheet

BL fixFORM
SF Double Side 45
Double Sided Frosted Lens Optic
0.63 (16) / 0.63 (16)
Dotting **A** — Spec Sheet

Recessed Mount

BL fixFORM
Recessed 2626
In-Floor Profile
1.02 (26) / 1.02 (26)
Dotting **A** — Spec Sheet

BL fixFORM
Recessed Shallow 2811
3/8" Recess Depth
1.10 (28.1) / 0.43 (11) / 0.92 (23.5)
Dotting **A** — Spec Sheet

BL fixFORM
Recessed 2416
Ceiling Flanged Extrusion
0.95 (24) / 0.79 (20) / 0.69 (17.5)
Dotting **A** — Spec Sheet

BL fixFORM
Recessed 4435
Ceiling Flanged Extrusion
1.73 (44) / 1.38 (35) / 1.38 (35)
Dotting **A** — Spec Sheet

BL fixFORM
Recessed Trimless 2414
Mud-In Drywall Channel
2.82 (71.6) / 0.58 (14.7) / 1.24 (31.6)
Dotting **A** — Spec Sheet

Specialty

BL fixFORM
SF Contour 1905
Bendable LED Channel
0.35 (9) / 0.71 (18)
Dotting **A** — Spec Sheet

BL fixFORM
Stair Nose
0.85 (21.7) / 2.32 (59.1)
Dotting **A** — Spec Sheet

Suspended

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

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