BL flexFORM D4

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

BL LIGHTING SINCE 1986

Delivering an ultra bright 800 lm/FT, our flexible, dimmable, LED strip is vivid enough for general illumination, and certified for indoor and outdoor use. Add architectural accents to coves, under cabinets, bar shelving, and displays, in commercial, residential, and retail environments. Available in IP20 or IP65 rated for wet locations, BL flexFORM D4 is compatible with BL fixFORM Profiles, and UL listed, custom lengths ship within 1-2 days!

| Up to 800 lm/ft | 8W/FT | 90+ CRI | Quick Ship |

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail

IP20 IP65 LOW DIM Bluetooth

CE RoHS c UL us LISTED 5 YEAR WARRANTY

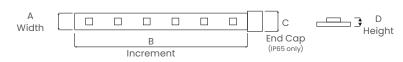| **Lighting**	Number of LED's	30 Diodes/FT (98/m)
	Lamp	LG 5630
	Beam Angle	150°
	Average Life	50,000 Hours
	CCT Binning	SDCM <3 LED's
Electrical	Controls	0-10V, MLV, ELV, Phase-Cut, Triac, DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	5.5A
	Connections	20AWG, Copper Conductors
	Circuit	Class 2
Mechanical	Housing Construction	Flexible PCB Board, Silicone Jacket
	Mounting Options	Channel
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		3000K	3500K	4000K
Power	W/FT (W/m)	8(26.2)		
Lumens	lm/FT (lm/m)	800 (2,625)	800 (2,625)	800 (2,625)
Efficacy	lm/W	96	96	96
CRI	CRI	90+		
Increment	inch (mm)	2.75 (70)		
Max. Length	ft (m)	11ft (3.35m)		

Ordering

Product Code	CCT	IP Rating	Profile
BL flexFORM D4			
	3000K	IP20	
	3500K	IP65	
	4000K		

Dimensions

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

Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.50 (12)	2.75 (70)	–	0.05 (1.3)
	DMP(IP65)	0.56 (14)	2.75 (70)	0.63 (16)	0.22 (5.5)

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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
Dotting **C**
Spec Sheet
0.44 (11.2)
0.77 (19.5)

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

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

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

BL fixFORM
SF Shallow 1709
Dotting **B**
Spec Sheet
0.32 (8.2)
0.68 (17.4)

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

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

BL fixFORM
SF Focus Beam
30º Beam Spread Lens Optic
Dotting **C**
Spec Sheet
0.65 (16.6)
0.77 (19.5)

Recessed Mount

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

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

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

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

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

Specialty

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

BL fixFORM
Stair Nose
Dotting **B**
Spec Sheet
0.85 (21.7)
2.32 (59.1)

Suspended

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

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 downlad the BL LIGHTING catalog

bllighting.com

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