BL flexFORM RGBW

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

BL LIGHTING
SINCE 1986

Integrating highly controllable RGB and true white CCT diodes into a single, dynamic chip, our flexible RGBW LED strip is perfect for architectural accenting, and certified for indoor and outdoor use. Add color changing effects to coves, under cabinets, bar shelving, and displays, in commercial, residential, and retail environments. BL flexFORM RGBW is compatible with BL fixFORM Profiles, and UL listed, custom lengths ship within 1-2 days!

Up to 171 lm/ft **4.5W/FT** **90+ CRI** **Quick Ship**

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail

IP65 | LOW | DMX | Bluetooth | cULus LISTED
CE | RoHS | 5 YEAR WARRANTY

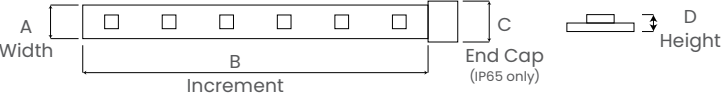|		
Lighting	Number of LED's	18 Diodes/FT (60/m)
	Lamp	SMD 5050
	Beam Angle	120°
	Average Life	50,000 Hours
	CCT Binning	SDCM <3 LED's
Electrical	Controls	DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	5A
	Connections	20AWG, Copper Conductors
	Circuit	Class 2
Mechanical	Housing Construction	Flexible PCB Board, Silicone Jacket
	Mounting Options	Clips, Channel, Adhesive
Environmental	Ingress Protection	IP65
	Certifications	cULus, CE, RoHS Compliant
	Operating Temperature	-4°F to 104°F (-20°C to 40°C)

Performance

CCT/Color		RGBW (3000K)
Power	W/FT (W/m)	4.5(14.8)
Lumens	lm/FT (lm/m)	171 (561)
Efficacy	lm/W	38
CRI	CRI	90+
Increment	inch (mm)	3 - 15/16 (100)
Max. Length	ft (m)	20ft (6.1m)

Ordering

Product Code	Color	IP Rating	Profile
BL flexFORM RGBW			
	RGBW(3000K)	IP20	
		IP65	

Dimensions

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

Section		A	B	C	D
		inch (mm)			
DRY(IP20)		0.49 (12.5)	3.94 (100)	–	0.06 (1.6)
DMP(IP65)		0.57 (14.5)	3.94 (100)	0.63 (16)	0.24 (6)

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

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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 **C** · Spec Sheet

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

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

BL fixFORM
SF Square 1617
0.63 (16) · 0.69 (17.5)
Dotting **B** · 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
30º Beam Spread Lens Optic
0.65 (16.6) · 0.77 (19.5)
Dotting **C** · 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 **C** · Spec Sheet

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

Specialty

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

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

Suspended

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

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