BL flexFORM RGBW

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

BL LIGHTING
SINCE 1986

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

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**

Product Detail

IP65   LOW   DMX   Bluetooth   cULus LISTED   CE   RoHS   5 YEAR WARRANTY

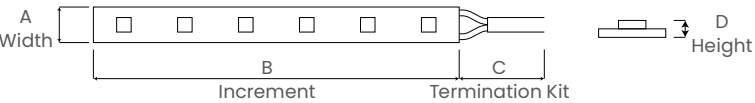|		
Lighting	Number of LED's	18 Diodes/FT (60/m)
	Lamp	SMD 5050
	Beam Angle	120°
	Average Life	50,000 Hours
	CCT Binning	SDCM <3 LED's
Electrical	Controls	DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	5A
	Connections	20AWG, Copper Conductors
	Circuit	Class 2
Mechanical	Housing Construction	Flexible 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)	IP65	

Dimensions

A Width
B Increment
C Termination Kit
D Height

Section		A	B	C	D
			inch (mm)		
	DMP(IP65)	0.47 (12)	3.93 (100)	5ft(1.5m)	0.19 (4.8)

BL flexFORM RGBW

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

BL LIGHTING
SINCE 1986

Compatible Profile

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**	0.44 (11.2) / 0.77 (19.5)	**C** / Spec Sheet
	BL fixFORM **SF Square**	0.78 (19.8) / 0.77 (19.5)	**B** / Spec Sheet
	BL fixFORM **SF Rectangle**	1.20 (30.4) / 0.77 (19.5)	**A** / Spec Sheet
	BL fixFORM **SF Round**	0.77 (19.5) / 0.77 (19.5)	**B** / Spec Sheet
	BL fixFORM **SF Shallow 1709**	0.32 (8.2) / 0.68 (17.4)	**C** / Spec Sheet
	BL fixFORM **SF Focus Beam** 30º Beam Spread Lens Optic	0.65 (16.6) / 0.77 (19.5)	**C** / Spec Sheet
	BL fixFORM **SF Single Side 45** 45º Angle Frosted Optic	0.73 (18.5) / 0.73 (18.5)	**B** / Spec Sheet
	BL fixFORM **SF Double Side 45** Double Sided Frosted Lens Optic	0.63 (16) / 0.63 (16)	**B** / 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)	**C** / 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)	**C** / Spec Sheet

Stair Nose

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

bllighting.com