BL flexFORM RGBW+WW

Flexible, Linear LED Strip Lighting
Polychromatic, 24VDC, Constant Voltage
RGB + Tunable White

BL LIGHTING
SINCE 1986

Integrating highly controllable RGB and tunable white CCT diodes into a single, dynamic chip, our flexible RGBW+WW LED strip is perfect for architectural accenting, and certified for indoor and outdoor use. Add color changing effects and tune the perfect white CCT to coves, under cabinets, bar shelving, and displays, in commercial, residential, and retail environments. BL flexFORM RGBW+WW is compatible with BL fixFORM Profiles and UL listed.

Up to 335 lm/ft	7.0W/FT	90+ CRI	RGB+Tunable White

Product Detail

IP65 | LOW | DMX | Bluetooth | cULus LISTED

CE | RoHS | 5 YEAR WARRANTY

Lighting	Number of LED's	88 Diodes/FT (288/m)
	Lamp	SMD 3535
	Beam Angle	120°
	Average Life	50,000 Hours
	CCT Binning	SDCM <3 LED's
Electrical	Controls	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
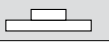
CCT/Color		RGBW+WW (2700K+6500K)
Power	W/FT (W/m)	7.0 (23)
Lumens	lm/FT (lm/m)	335 (1100)
Efficacy	lm/W	48
CRI	CRI	90+
Increment	inch (mm)	2.46 (62.5)
Max. Length	ft (m)	12ft 6in (3.8m)

Ordering

Product Code	Color	IP Rating	Profile
BL flexFORM RGBW+WW			
	RGB+2700K+6500K	IP20	
		IP65	

Dimensions

A Width
B Increment
C End Cap (IP65 only)
D Height
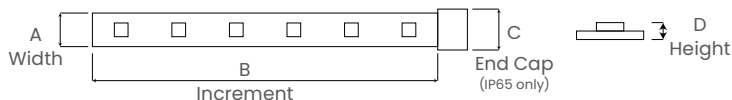
Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.47 (12.0)	2.46 (62.5)	–	0.06 (1.6)
	DMP(IP65)	0.55 (14.0)	2.46 (62.5)	0.63 (16)	0.24 (6)

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 **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 **C** / 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 **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 **B** / 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 **B** / 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 **B** / Spec Sheet

Suspended

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