

DFRGBW 2

BL Flexform

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



BL Flexform Dot-Free shines a continuous ribbon of diffused illumination, completely free of dots and hotspots, eliminating the need for a diffuser lens. 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 Dot-Free RGBW is compatible with BL fixFORM Profiles and UL listed.

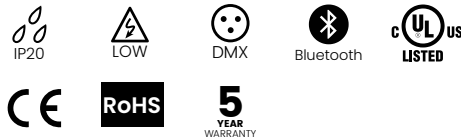
Up to 207 lm/ft

4.57W/FT

90+ CRI

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



Lighting	Number of LED's	410 Diodes/FT (1344/m)
	Beam Angle	120°
	Average Life	50,000 Hours
	CCT Binning	SDCM <3 LED's
Electrical	Wavelength	Red (620-625nm), Green (520-525nm), Blue (470-475nm)
	Controls	DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	0.625A
	Connections	20AWG, Copper Conductors
Mechanical	Circuit	Class 2
	Housing Construction	Flexible PCB Board, Silicone Jacket
	Mounting Options	Clips, Channel, Adhesive
Environmental	Ingress Protection	IP20
	Certifications	cULus, CE, RoHS Compliant
	Operating Temperature	-4°F to 104°F (-20°C to 40°C)

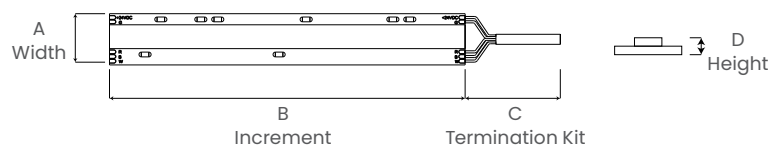
Performance

CCT/Color		RGBW (3000K)
Power	W/FT (W/m)	4.57 (15)
Lumens	lm/FT (lm/m)	207 (680)
Efficacy	lm/W	45
CRI	CRI	90+
Increment	inch (mm)	3.28 (83.3)
Max. Length	ft (m)	16ft 4in (5m)

Ordering

Product Code	Series	Color	Input Voltage	IP Rating
DFRGBW2	F	RGBW(3000K)	24	IP20

Dimensions



Section	A	B	C	D
	inch (mm)			
DRY(IP20)	0.47 (12)	3.28 (83.3)	5ft(1.5m)	0.12 (3)

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 download the BL LIGHTING catalog

bllighting.com



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



Surface Mount

	CH2212 BL Fixform	 0.77 (19.5) x 0.44 (11.2)	Dotting B Spec Sheet
	S2222 BL Fixform	 0.77 (19.5) x 0.78 (19.8)	Dotting A Spec Sheet
	S2232 BL Fixform	 0.77 (19.5) x 1.20 (30.4)	Dotting A Spec Sheet
	S2221 BL Fixform	 0.77 (19.5) x 0.77 (19.5)	Dotting A Spec Sheet
	S1709 BL Fixform	 0.68 (17.4) x 0.32 (8.2)	Dotting A Spec Sheet
	S1617 BL Fixform	 0.69 (17.5) x 0.63 (16)	Dotting A Spec Sheet
	S4930 BL Fixform Requires 2 LED Strips	 1.97 (50) x 1.26 (32)	Dotting A Spec Sheet
	S2215 BL Fixform 30° Beam Spread Lens Optic	 0.77 (19.5) x 0.66 (16.6)	Dotting B Spec Sheet
	R3314 BL Fixform 45° Angle Frosted Optic	 1.06 (27) x 1.30 (33) x 0.69 (15)	Dotting A Spec Sheet
	SD1616 BL Fixform Double Sided Frosted Lens Optic	 0.63 (16) x 0.63 (16)	Dotting A Spec Sheet
	SS1616 BL Fixform 45° Angle Frosted Optic	 0.63 (16) x 0.63 (16)	Dotting A Spec Sheet

Recessed Mount

	R2626 BL Fixform In-Floor Profile	 1.02 (26) x 1.02 (26)	Dotting A Spec Sheet
	RS2811 BL Fixform 3/8" Recess Depth	 0.92 (23.5) x 1.10 (28.1) x 0.43 (11)	Dotting A Spec Sheet
	R2416 BL Fixform Ceiling Flanged Extrusion	 0.69 (17.5) x 0.95 (24) x 0.78 (20)	Dotting A Spec Sheet
	R4435 BL Fixform Ceiling Flanged Extrusion	 1.38 (35) x 1.73 (44) x 1.38 (35)	Dotting A Spec Sheet
	RT2414 BL Fixform Mud-In Drywall Channel	 1.24 (31.6) x 2.82 (71.6) x 0.56 (14.2)	Dotting A Spec Sheet

Specialty

	S1905 BL Fixform Bendable LED Channel	 0.71 (18) x 0.35 (9)	Dotting A Spec Sheet
	ST5921 BL Fixform	 2.32 (59.1) x 0.66 (16.7)	Dotting A Spec Sheet

Suspended

	SP2020 BL Fixform Suspended and Surface Mount Options Available	 0.79 (20) x 0.79 (20)	Dotting A Spec Sheet
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