

BL flexFORM Dot-Free RGBW

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

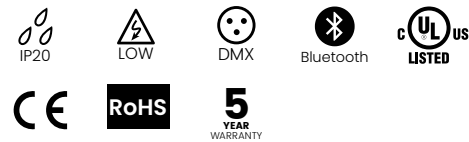


BL flexFORM Dot-Free shines a continuous ribbon of diffused illumination, completely free of dots and hotspots, eliminating the need for a diffuser lens. Integrating highly controllable RGB and true white CCT diodes into a single, dynamic chip, our flexible RGBW LED strip is perfect for architectural 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)

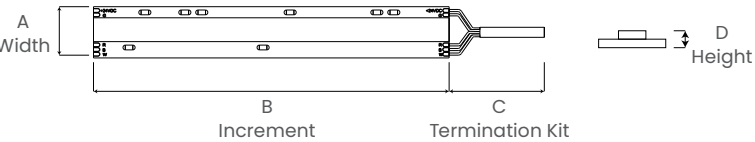
Performance

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 - 9/32 (83.3)
Max. Length	ft (m)	16ft 4in (5m)

Ordering

Product Code	Color	IP Rating	Profile
BL flexFORM Dot-Free	RGBW(3000K)	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

III - 8838 Heather St. Vancouver, BC, Canada. V6P 3S8
P: 1-604-874-4405 E: info@bllighting.com
Copyright © BL INNOVATIVE LIGHTING. All Rights Reserved.

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

	BL flexFORM SF Channel 2212		Dotting B	Spec Sheet
	BL flexFORM SF Square 2222		Dotting A	Spec Sheet
	BL flexFORM SF Rectangle 2232		Dotting A	Spec Sheet
	BL flexFORM SF Round 2221		Dotting A	Spec Sheet
	BL flexFORM SF Shallow 1709		Dotting A	Spec Sheet
	BL flexFORM SF Square 1617		Dotting A	Spec Sheet
	BL flexFORM SF Wide 4930 Requires 2 LED Strips		Dotting A	Spec Sheet
	BL flexFORM SF Focus Beam 30° Beam Spread Lens Optic		Dotting B	Spec Sheet
	BL flexFORM Recessed 3314 45° Angle Frosted Optic		Dotting A	Spec Sheet
	BL flexFORM SF Single Side 45 1616 45° Angle Frosted Optic		Dotting A	Spec Sheet
	BL flexFORM SF Double Side 45 Double Sided Frosted Lens Optic		Dotting A	Spec Sheet

Recessed Mount

	BL flexFORM Recessed 2626 In-Floor Profile		Dotting A	Spec Sheet
	BL flexFORM Recessed Shallow 2811 3/8" Recess Depth		Dotting A	Spec Sheet
	BL flexFORM Recessed 2416 Ceiling Flanged Extrusion		Dotting A	Spec Sheet
	BL flexFORM Recessed 4435 Ceiling Flanged Extrusion		Dotting A	Spec Sheet
	BL flexFORM Recessed Trimless 2414 Mud-In Drywall Channel		Dotting A	Spec Sheet

Specialty

	BL flexFORM SF Contour 1905 Bendable LED Channel		Dotting A	Spec Sheet
	BL flexFORM Stair Nose		Dotting A	Spec Sheet

Suspended

	BL flexFORM SP Round 2020 Suspended and Surface Mount Options Available		Dotting A	Spec Sheet
--	--	--	---------------------	----------------------------

BL LIGHTING ILLUMINATE EVERYTHING

111 - 8838 Heather St. Vancouver, BC, Canada. V6P 3S8
P: 1-604-874-4405 E: info@bllighting.com
Copyright © BL INNOVATIVE LIGHTING. All Rights Reserved.

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](#)

