

BL flexFORM PIXEL D2 ID RGBW

Flexible, Linear LED Strip Lighting
Pixel RGBW, 24VDC, Constant Voltage



BL flexFORM PIXEL is engineered with an internal DMX decoder, built-in to the LED luminaire, offering an innovative new solution to meet requirements for pixel chasing lighting projects with unique space and budget constraints. Intelligent and addressable, this digital pixel ic type LED luminaire integrates expressive motion, animation and chasing effects to create custom tailored and mesmerizing illuminated and interactive displays. Add color chasing effects to coves, under cabinets, bar shelving, and displays, in commercial, residential, and retail environments. BL flexFORM PIXEL is compatible with BL fixFORM Profiles, and UL listed, custom lengths ship within 1-2 days!

Up to 200 lm/ft

5.1W/FT

Quick Ship

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



Lighting	Number of LED's	36 Diodes/FT (120/m)
	Lamp	SMD 5050 (RGB), SMD 2835 (W)
	Beam Angle	120°
	Average Life	50,000 Hours
Electrical	CCT Binning	SDCM <3 LED's
	Controls	DMX
	Input Voltage	24VDC
	Max Input Current	4.12A
Mechanical	Connections	20AWG, Copper Conductors
	Circuit	Class 2
	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)

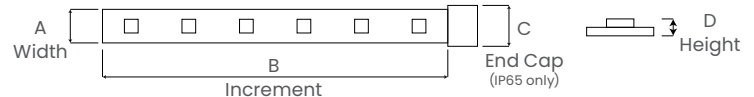
Performance

CCT/Color		RGBW (2700K)	RGBW (3000K)	RGBW (4000K)	RGBW (6500K)
Power	W/FT (W/m)	5.1 (16.8)			
Lumens	lm/FT (lm/m)	200 (650)			
Efficacy	lm/W	39			
CRI	CRI	80+			
Increment	inch (mm)	3.93 (100)			
Max. Length	ft (m)	16ft 4in (5m)			

Ordering

Product Code	Color	IP Rating	Profile
BL flexFORM PIXEL D2 ID			
	RGBW(2700K)	IP20	
	RGBW(3000K)	IP65	
	RGBW(4000K)		
	RGBW(6500K)		

Dimensions



Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.50 (12)	3.93 (100)	-	0.05 (1.3)
	DMP(IP65)	0.56 (14)	3.93 (100)	0.63 (16)	0.22 (5.5)

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

	BL fixFORM SF Channel 2212		Dotting C	Spec Sheet
	BL fixFORM SF Square 2222		Dotting B	Spec Sheet
	BL fixFORM SF Rectangle 2232		Dotting A	Spec Sheet
	BL fixFORM SF Round 2221		Dotting B	Spec Sheet
	BL fixFORM SF Shallow 1709		Dotting C	Spec Sheet
	BL fixFORM SF Square 1617		Dotting B	Spec Sheet
	BL fixFORM SF Wide 4930 Requires 2 LED Strips		Dotting A	Spec Sheet
	BL fixFORM SF Focus Beam 30° Beam Spread Lens Optic		Dotting C	Spec Sheet

Recessed Mount

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

Specialty

	BL fixFORM SF Contour 1905 Bendable LED Channel		Dotting C	Spec Sheet
	BL fixFORM Stair Nose		Dotting C	Spec Sheet

Suspended

	BL fixFORM SP Round 2020 Suspended and Surface Mount Options Available		Dotting B	Spec Sheet
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