PIXEL ID2
BL Flexform

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

BL LIGHTING
SINCE 1986

PXID2 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. PXID2 is compatible with BL Fixform Profiles, and UL listed, custom lengths ship within 1-2 days!
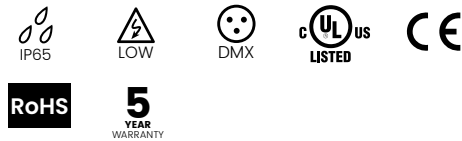
CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Up to 200 lm/ft **5.1W/FT** **Quick Ship**

Product Detail

IP65 | LOW | DMX | cULus LISTED | CE

RoHS | **5** YEAR WARRANTY

		Number of LED's	36 Diodes/FT (120/m)
Lighting		Lamp	SMD 5050 (RGB), SMD 2835 (W)
		Beam Angle	120°
		Average Life	50,000 Hours
		CCT Binning	SDCM <3 LED's
Electrical		Controls	DMX
		Input Voltage	24VDC
		Max Input Current	4.12A
		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 (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	Series	Color	Input Voltage	IP Rating
PXID2	F		24	
		RGBW(2700K)		IP20
		RGBW(3000K)		IP65
		RGBW(4000K)		
		RGBW(6500K)		

Dimensions

A Width | B Increment | C End Cap (IP65 only) | D Height
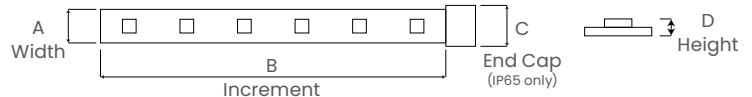
Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.50 (12)	3.93 (100)	-	0.05 (1.3)
	DMP(IP65)	0.56 (14)	3.93 (100)	0.63 (16)	0.22 (5.5)

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

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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

CH2212
BL Fixform
0.44 (11.2) · 0.77 (19.5)
Dotting **C** · Spec Sheet

S2222
BL Fixform
0.78 (19.8) · 0.77 (19.5)
Dotting **B** · Spec Sheet

S2232
BL Fixform
1.20 (30.4) · 0.77 (19.5)
Dotting **A** · Spec Sheet

S2221
BL Fixform
0.77 (19.5) · 0.77 (19.5)
Dotting **B** · Spec Sheet

S1507
BL Fixform
0.28 (7) · 0.60 (15)
Dotting **C** · Spec Sheet

S1709
BL Fixform
0.32 (8.2) · 0.68 (17.4)
Dotting **C** · Spec Sheet

S1617
BL Fixform
0.63 (16) · 0.69 (17.5)
Dotting **B** · Spec Sheet

S4930
BL Fixform
Requires 2 LED Strips
1.26 (32) · 1.97 (50)
Dotting **A** · Spec Sheet

S2215
BL Fixform
30° Beam Spread Lens Optic
0.65 (16.6) · 0.77 (19.5)
Dotting **C** · Spec Sheet

Recessed Mount

R2626
BL Fixform
In-Floor Profile
1.02 (26) · 1.02 (26)
Dotting **A** · Spec Sheet

RS2811
BL Fixform
3/8" Recess Depth
1.10 (28.1) · 0.43 (11) · 0.92 (23.5)
Dotting **C** · Spec Sheet

R2416
BL Fixform
Ceiling Flanged Extrusion
0.95 (24) · 0.79 (20) · 0.69 (17.5)
Dotting **B** · Spec Sheet

R4435
BL Fixform
Ceiling Flanged Extrusion
1.73 (44) · 1.38 (35) · 1.38 (35)
Dotting **A** · Spec Sheet

RT2414
BL Fixform
Mud-In Drywall Channel
2.82 (71.6) · 0.58 (14.7) · 1.24 (31.6)
Dotting **C** · Spec Sheet

Specialty

S1905
BL Fixform
Bendable LED Channel
0.35 (9) · 0.71 (18)
Dotting **C** · Spec Sheet

ST5921
BL Fixform
0.85 (21.7) · 2.32 (59.1)
Dotting **C** · Spec Sheet

Suspended

SP2020
BL Fixform
Suspended and Surface
Mount Options Available
0.79 (20) · 0.79 (20)
Dotting **B** · Spec Sheet

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