

BL Flexform Dot-Free shines a continuous ribbon of diffused illumination, completely free of dots and hotspots, eliminating the need for a diffuser lens. The narrow design (4mm width) of the BL Flexform DFN1 is ideal for use around highly reflective surfaces such as marble countertops and high gloss tiles, and the extremely low profile is perfect for tight spaces with low clearance. Available in IP20 and can be quick-shipped in just 1-2 days.

Up to 100lm/ft

1W/FT

90+ CRI

Quick Ship

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



IP20

LOW

DIM

Bluetooth

5 YEAR WARRANTY

Lighting	Number of LED's	146 Diodes/FT (478/m)
	Beam Angle	120°
	Average Life	50,000 Hours
	CCT Binning	SDCM <3 LED's
Electrical	Controls	0-10V, MLV, ELV, Phase-Cut, Triac, 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
	Certifications	cULus, CE, RoHS Compliant
	Operating Temperature	-4°F to 104°F (-20°C to 40°C)

Performance

CCT/Color		2400K	2700K	3000K	3500K	4000K
Power	W/FT (W/m)	1 (3.3)				
Lumens	lm/FT (lm/m)	79 (259)	88 (289)	84 (276)	97 (318)	100 (328)
Efficacy	lm/W	79	88	84	97	100
CRI	CRI	90+				
Increment	inch (mm)	1.97 (50)				
Max. Length	ft (m)	16ft 4in (5m)				

Ordering

Product Code	Series	CCT	Input Voltage	IP Rating
DFN1	F		24	IP20
		2400K		
		2700K		
		3000K		
		3500K		
		4000K		

Dimensions

Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.16 (4)	1.97 (50)	10ft(3m)	0.08 (2)



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

	SN1008 BL Fixform	 0.39 (10) 0.34 (8.5)	Dotting A	Spec Sheet
	S2222 BL Fixform	 0.77 (19.5) 0.76 (19.3)	Dotting A	Spec Sheet
	S2232 BL Fixform	 0.77 (19.5) 1.20 (30.4)	Dotting A	Spec Sheet
	S2221 BL Fixform	 0.77 (19.5) 0.77 (19.5)	Dotting A	Spec Sheet
	S1507 BL Fixform	 0.60 (15) 0.26 (7)	Dotting A	Spec Sheet
	S1709 BL Fixform	 0.68 (17.4) 0.32 (8.2)	Dotting A	Spec Sheet
	S1617 BL Fixform	 0.69 (17.5) 0.63 (16)	Dotting A	Spec Sheet
	S4930 BL Fixform Requires 2 LED Strips	 1.97 (50) 1.26 (32)	Dotting A	Spec Sheet
	S2215 BL Fixform 30° Beam Spread Lens Optic	 0.77 (19.5) 0.65 (16.5)	Dotting A	Spec Sheet
	R3314 BL Fixform 45° Angle Frosted Optic	 1.30 (33) 1.06 (27) 0.59 (15)	Dotting A	Spec Sheet

	SD1616 BL Fixform Double Sided Frosted Lens Optic	 0.63 (16) 0.63 (16)	Dotting A	Spec Sheet
	SS1616 BL Fixform 45° Angle Frosted Optic	 0.63 (16) 0.63 (16)	Dotting A	Spec Sheet



Compatible Profile

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Dotting Table:

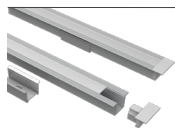
A = No visible dots

B = Slight visible dots

C = Clear visible dots



Recessed Mount



RN1309
BL Fixform



Dotting
A

[Spec Sheet](#)



RN1007
BL Fixform
Black Recessed Channel

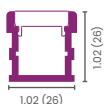


Dotting
A

[Spec Sheet](#)



R2626
BL Fixform
In-Floor Profile

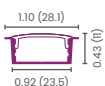


Dotting
A

[Spec Sheet](#)

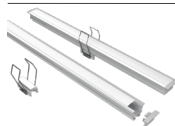


RS2811
BL Fixform
3/8" Recess Depth

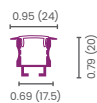


Dotting
A

[Spec Sheet](#)

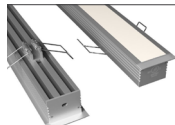


R2416
BL Fixform
Ceiling Flanged Extrusion

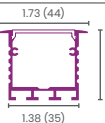


Dotting
A

[Spec Sheet](#)

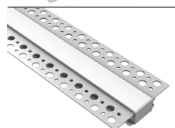


R4435
BL Fixform
Ceiling Flanged Extrusion

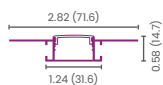


Dotting
A

[Spec Sheet](#)



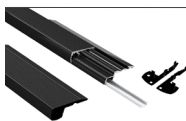
RT2414
BL Fixform
Mud-In Drywall Channel



Dotting
A

[Spec Sheet](#)

Specialty



ST5921
BL Fixform



Dotting
A

[Spec Sheet](#)

Suspended



SP2020
BL Fixform
Suspended and Surface
Mount Options Available



Dotting
A

[Spec Sheet](#)

