D3
BL Flexform

Flexible, Linear LED Strip Lighting
Monochromatic, 24VDC, Constant Voltage
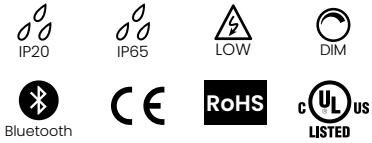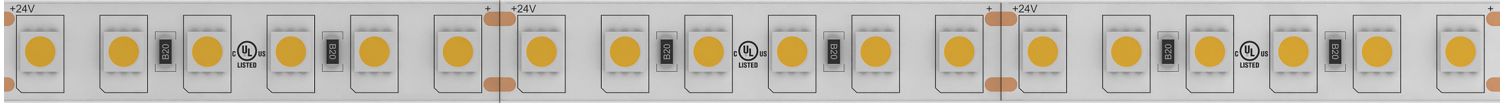
BL LIGHTING
SINCE 1986

Delivering up to 411lm/FT, our flexible, dimmable, high lumen output LED ribbon is perfect for architectural highlighting, and certified for indoor and outdoor use. Add energy efficient accents to coves, under cabinets, bar shelving, and displays, in commercial, residential, and retail environments. Available in IP20 or IP65 rated for wet locations, BL Flexform D3 is compatible with BL Fixform Profiles, and UL listed, custom lengths typically ship within 1-2 days!

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Up to 411 lm/ft **5.5W/FT** **90+ CRI** **Quick Ship**

Product Detail

Icons: IP20, IP65, LOW, DIM, 5 YEAR WARRANTY, Bluetooth, CE, RoHS, cULus LISTED

Lighting	Number of LED's	30 Diodes/FT (98/m)
	Lamp	SMD 5060
	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	5A
	Connections	20AWG, Copper Conductors
	Circuit	Class 2
Mechanical	Housing Construction	Flexible PCB Board, Silicone Jacket
	Mounting Options	Channel
Environmental	Ingress Protection	IP20, IP65
	Certifications	cULus, CE, RoHS Compliant
	Operating Temperature	-4°F to 104°F (-20°C to 40°C)

Performance

CCT/Color		2700K	3000K	3500K	4000K	6000K
Power	W/FT (W/m)	5.5(18.1)				
Lumens	lm/FT (lm/m)	370 (1,214)	370 (1,214)	370 (1,214)	411 (1,348)	397 (1,302)
Efficacy	lm/W	67	67	67	78	75
CRI	CRI	90+				
Increment	inch (mm)	2.46 (63)				
Max. Length	ft (m)	16ft 4in (5m)				

Ordering

Product Code	Series	CCT	Input Voltage	IP Rating
D3	F		24	
		2700K		IP20
		3000K		IP65
		3500K		
		4000K		
		6000K		

Dimensions

A Width B Increment C End Cap (IP65 only) D Height
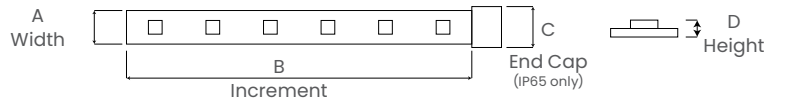
Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.49 (12.5)	2.46 (63)	–	0.06 (1.6)
	DMP(IP65)	0.57 (14.5)	2.46 (63)	0.63 (16)	0.24 (6)

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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
Dotting **C**
Spec Sheet
0.44 (11.2)
0.77 (19.5)

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

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

S2221
BL Fixform
Dotting **A**
Spec Sheet
0.77 (19.5)
0.77 (19.5)

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

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

Recessed Mount

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

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

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

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

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

Colorimetric Details

CCT	CRI	R9	Rf	Rg
3000K	92	63	91	101

Rf: 91   CCT: 3049K   u': 0.2492
Rg: 101   Duv: −0.0009   v': 0.5192

Color Vector Graphic

91 Rf   101 Rg

CCT 3049K   Duv −0.0009

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