

BL flexFORM D3

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



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!

Up to 411 lm/ft

5.5W/FT

90+ CRI

Quick Ship

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



Lighting	Number of LED's	30 Diodes/FT (98/m)
	Lamp	SMD 5060
	Beam Angle	120°
	Average Life	50,000 Hours
Electrical	CCT Binning	SDCM <3 LED's
	Controls	0-10V, MLV, ELV, Phase-Cut, Triac, DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	5A
Mechanical	Connections	20AWG, Copper Conductors
	Circuit	Class 2
	Housing Construction	Flexible PCB Board, Silicone Jacket
	Mounting Options	Channel
Environmental	Ingress Protection	IP20, IP65, IP68
	Certifications	cULus, CE, RoHS Compliant
	Operating Temperature	-4°F to 104°F (-20°C to 40°C)

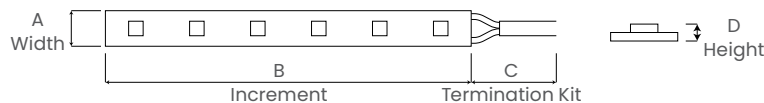
Performance

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 - 15/32 (63)				
Max. Length	ft (m)	16ft 4in (5m)				

Ordering

Product Code	CCT	IP Rating	Profile
BL flexFORM D3			
	2700K	IP20	
	3000K	IP65	
	3500K	IP68	
	4000K		
	6000K		

Dimensions



Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.49 (12.5)	2.46 (63)	10ft(3m)	0.06 (1.6)
	DMP(IP65)	0.57 (14.5)	2.46 (63)		0.24 (6)
	WET(IP68)				

BL LIGHTING ILLUMINATE EVERYTHING

111 - 8838 Heather St. Vancouver, BC, Canada. V6P 3S8
P: 1-604-874-4405 E: info@bllighting.com
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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

Measurements in inch (mm)

Dotting Table:

A = No visible dots

B = Slight visible dots

C = Clear visible dots



Surface Mount

	BL fixFORM SF Channel	 0.77 (19.5) x 0.44 (11.2)	Dotting C	Spec Sheet
	BL fixFORM SF Square	 0.77 (19.5) x 0.78 (19.8)	Dotting A	Spec Sheet
	BL fixFORM SF Rectangle	 0.77 (19.5) x 1.20 (30.4)	Dotting A	Spec Sheet
	BL fixFORM SF Round	 0.77 (19.5) x 0.77 (19.5)	Dotting A	Spec Sheet
	BL fixFORM SF Shallow 1709	 0.68 (17.4) x 0.32 (8.2)	Dotting B	Spec Sheet
	BL fixFORM SF Focus Beam 30° Beam Spread Lens Optic	 0.77 (19.5) x 0.65 (16.6)	Dotting C	Spec Sheet
	BL fixFORM SF Single Side 45 45° Angle Frosted Optic	 0.73 (18.5) x 0.73 (18.5)	Dotting A	Spec Sheet
	BL fixFORM SF Double Side 45 Double Sided Frosted Lens Optic	 0.63 (16) x 0.63 (16)	Dotting A	Spec Sheet

Recessed Mount

	BL fixFORM Recessed 2626 In-Floor Profile	 1.02 (26) x 1.02 (26)	Dotting A	Spec Sheet
	BL fixFORM Recessed Shallow 2811 3/8" Recess Depth	 1.10 (28.1) x 0.92 (23.5)	Dotting B	Spec Sheet
	BL fixFORM Recessed 4435 Ceiling Flanged Extrusion	 1.73 (44) x 1.38 (35)	Dotting A	Spec Sheet
	BL fixFORM Recessed Trimless 2414 Mud-In Drywall Channel	 2.82 (71.6) x 1.24 (31.6)	Dotting C	Spec Sheet

Stair Nose

	BL fixFORM Stair Nose	 2.32 (59.1) x 0.85 (21.7)	Dotting B	Spec Sheet
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Colorimetric Details

CCT	CRI	R9	Rf	Rg
3000K	92	63	91	101

