

Delivering up to 132 lm/FT, our flexible, dimmable, LED strip 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. Compatible with BL fixFORM Profiles, and UL listed, custom lengths ship within 1-2 days!

Up to 132 lm/FT

1.5W/FT

90+ CRI

Quick Ship

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



Lighting	Number of LED's	18/FT (60/m)
	Lamp	SMD 3528
	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 (IP65, IP68)
	Mounting Options	Clips, Channel, Adhesive
Environmental	Ingress Protection	IP20, IP65, IP68
	Certifications	cULus, CE, RoHS Compliant
	Operating Temperature	-4°F to 104°F (-20°C to 40°C)

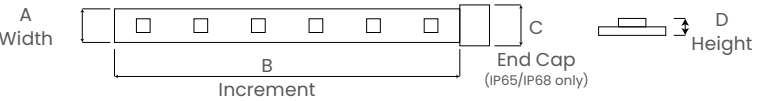
Performance

CCT/Color		2400K	3000K	3500K	4000K	5500K	Red	Green	Blue	Amber
Power	W/FT (W/m)	1.45(4.7)					1.50(4.9)	1.65(5.4)		1.50(4.9)
Lumens	lm/FT (lm/m)	90 (294)	116 (379)	119 (388)	129 (421)	133 (435)	15 (49)	57 (186)	17 (56)	27 (88)
Efficacy	lm/W	62	80	82	89	92	10	34	10	18
CRI	CRI	90+					-	-	-	-
Cut Marks	inch (mm)	3 - 15/16 (100)								
Max. Length	ft (m)	32ft 8in (10m)								

Ordering

Product Code	CCT/Color	IP Rating	Profile
BL flexFORM D1			
	2400K	IP20	
	3000K	IP65	
	3500K	IP68	
	4000K		
	5500K		
	Red		
	Green		
	Blue		
	Amber		

Dimensions



Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.31 (8.0)	3.94 (100)	-	0.06 (1.6)
	DMP(IP65)	0.47 (12)	3.94 (100)	0.55 (14)	0.2 (4.5)
	WET(IP68)				



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 C	Spec Sheet
	BL fixFORM SF Rectangle 2232		Dotting C	Spec Sheet
	BL fixFORM SF Round 2221		Dotting C	Spec Sheet
	BL fixFORM SF Shallow 1709		Dotting C	Spec Sheet
	BL fixFORM SF Square 1617		Dotting C	Spec Sheet
	BL fixFORM SF Wide 4930 Requires 2 LED Strips		Dotting B	Spec Sheet
	BL fixFORM SF Focus Beam 30° Beam Spread Lens Optic		Dotting C	Spec Sheet
	BL fixFORM SF Single Side 45 45° Angle Frosted Optic		Dotting C	Spec Sheet
	BL fixFORM SF Single Side 45 1616 45° Angle Frosted Optic		Dotting C	Spec Sheet
	BL fixFORM SF Double Side 45 Double Sided Frosted Lens Optic		Dotting C	Spec Sheet

Recessed Mount

	BL fixFORM Recessed 2626 In-Floor Profile		Dotting B	Spec Sheet
	BL fixFORM Recessed Shallow 2811 3/8" Recess Depth		Dotting C	Spec Sheet
	BL fixFORM Recessed 2416 Ceiling Flanged Extrusion		Dotting C	Spec Sheet
	BL fixFORM Recessed 4435 Ceiling Flanged Extrusion		Dotting B	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 C	Spec Sheet
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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](#)

