

# BL flexFORM DIM TO WARM D3

Flexible, Linear LED Strip Lighting  
Dim-to-Warm, 24VDC, Constant Voltage



Delivering up to 513 lm/FT, this flexible LED tape warms as it dims, featuring controllable diodes that allow users to select a preferred CCT and change LED intensity, easily customizing the mood, and adapting the light to any ambiance. Certified for indoor and outdoor use, add architectural 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 513 lm/ft

Warm Dim

90+ CRI

Quick Ship

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

## Product Detail



Lighting	Number of LED's	49 Diodes/FT (160/m)
	Lamp	SMD 2835
	Beam Angle	120°
	Average Life	50,000 Hours
	CCT Binning	SDCM <3 LED's
Electrical	Controls	010V, Triac, DMX, Bluetooth
	Input Voltage	24VDC
	Max. Input Current	4.4A
	Connections	20AWG, Copper Conductors
	Circuit	Class 2
Mechanical	Housing Construction	Flexible PCB Board, Silicone Jacket
	Mounting Options	Clips, Channel, Adhesive
Environmental	Ingress Protection	IP20, IP64
	Certifications	cULus, CE, RoHS Compliant
	Operating Temperature	-4°F to 104°F (-20°C to 40°C)

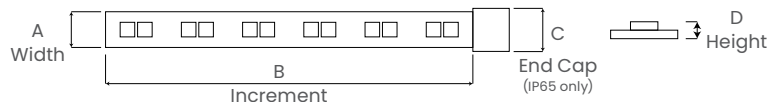
## Performance

CCT		1800K ~ 3000K
Power	W/FT (W/m)	4.4 (14.4)
Lumens	lm/FT (lm/m)	513 (1683)
Efficacy	lm/W	117
CRI	CRI	90+ (3000K)
Increment	inch (mm)	3.93 (100)
Max. Length	ft (m)	16ft 4in (5m)

## Ordering

Product Code	CCT	IP Rating	Profile
BL flexFORM DTW D3	1800k-3000K	IP20 IP64	

## Dimensions



Section		A	B	C	D
		inch (mm)			
	DRY (IP20)	0.39 (10)	3.93 (100)	-	0.07 (1.8)
	DMP (IP64)	0.47 (12)	3.93 (100)	0.55 (14)	0.25 (6)

## BL LIGHTING ILLUMINATE EVERYTHING

111 - 8838 Heather St. Vancouver, BC, Canada. V6P 3S8  
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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](http://bllighting.com) for current technical data.

For more information,  
please download the  
BL LIGHTING catalog

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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



## Surface Mount

	BL fixFORM <b>SF Channel 2212</b>		Dotting <b>C</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>SF Square 2222</b>		Dotting <b>A</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>SF Rectangle 2232</b>		Dotting <b>A</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>SF Round 2221</b>		Dotting <b>A</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>SF Shallow 1709</b>		Dotting <b>C</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>SF Square 1617</b>		Dotting <b>B</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>SF Wide 4930</b> Requires 2 LED Strips		Dotting <b>A</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>SF Focus Beam</b> 30° Beam Spread Lens Optic		Dotting <b>C</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>SF Single Side 45</b> 45° Angle Frosted Optic		Dotting <b>B</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>SF Single Side 45 1616</b> 45° Angle Frosted Optic		Dotting <b>B</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>SF Double Side 45</b> Double Sided Frosted Lens Optic		Dotting <b>B</b>	<a href="#">Spec Sheet</a>

## Recessed Mount

	BL fixFORM <b>Recessed 2626</b> In-Floor Profile		Dotting <b>A</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>Recessed Shallow 2811</b> 3/8" Recess Depth		Dotting <b>C</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>Recessed 2416</b> Ceiling Flanged Extrusion		Dotting <b>B</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>Recessed 4435</b> Ceiling Flanged Extrusion		Dotting <b>A</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>Recessed Trimless 2414</b> Mud-In Drywall Channel		Dotting <b>C</b>	<a href="#">Spec Sheet</a>

## Specialty

	BL fixFORM <b>SF Contour 1905</b> Bendable LED Channel		Dotting <b>C</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>Stair Nose</b>		Dotting <b>C</b>	<a href="#">Spec Sheet</a>

## Suspended

	BL fixFORM <b>SP Round 2020</b> Suspended and Surface Mount Options Available		Dotting <b>B</b>	<a href="#">Spec Sheet</a>
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