

Delivering up to 271lm/FT and 94+ CRI, our dimmable BL flexFORM U Series LED tape flexes horizontally and vertically, and is perfect for intricate shapes in architectural backlighting, signage, channel letters, curved displays and coves of any shape or size. BL flexFORM Universal Bend adapts itself to any shape, the bendable ribbon takes corners and contours with ease, allowing much sharper horizontal turns than traditional LED Tape, and eliminating the need for jumper wires to take the bends. Add energy efficient accents to coves, under cabinets, bar shelving and displays in commercial, residential, and retail environments, Available in IP20 and certified for dry locations, BL flexFORM Universal Bend is compatible with BL fixFORM Profiles, and UL listed, custom lengths typically ship within 1-2 days!

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Up to 271 lm/FT

3.66W/FT

94+ CRI

Quick Ship

Product Detail



 IP20  LOW  DIM  Bluetooth  5 YEAR WARRANTY  CE  RoHS  UL LISTED	Lighting	Number of LED's	18/FT (60/m)
		Lamp	SMD 2835
		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
	Mechanical	Circuit	Class 2
		Housing Construction	Flexible PCB Board
		Mounting Options	Clips, 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		2700K	3000K	3500K	4000K	5000K	6500K
Power	W/FT (W/m)	3.66 (12)					
Lumens	lm/FT (lm/m)	238 (780)	238 (780)	244 (800)	256 (840)	256 (840)	271 (890)
Efficacy	lm/W	65	65	67	70	70	74
CRI	CRI	94+					
Cut Marks	inch (mm)	3 - 15/16 (100)					
Max. Length	ft (m)	9ft 10in (3m)					


Ordering

Product Code	CCT/Color	IP Rating
BL flexFORM U2		
	2700K	IP20
	3000K	
	3500K	
	4000K	
	5000K	
	6500K	

Dimensions

The diagram illustrates the components and dimensions of the LED strip assembly. It shows a main LED strip with a wavy, flexible section and a straight section labeled 'Termination Kit'. A separate detail shows the cross-section of the assembly, labeled 'D Height'.

Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.24 (6.0)	3.94 (100)	10ft(3m)	0.05 (1.2)

Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.24 (6.0)	3.94 (100)	10ft(3m)	0.05 (1.2)

Bend Orientation

Vertical 90°

Horizontal 90°

BL flexFORM U Series can be bent freely in all directions, horizontally and vertically, to a maximum of 90° at the designated bending points.

## 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>Recessed 3314</b> 45° Angle Frosted Optic		Dotting <b>C</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>SF Single Side 45 1616</b> 45° Angle Frosted Optic		Dotting <b>C</b>	<a href="#">Spec Sheet</a>
	BL fixFORM <b>SF Double Side 45</b> Double Sided Frosted Lens Optic		Dotting <b>C</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>B</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>B</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>B</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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## 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](http://bllighting.com) for current technical data.

For more information, please download the BL LIGHTING catalog

[bllighting.com](http://bllighting.com)

