

Delivering up to 165lm/FT, our color changing BL flexFORM U1 RGB 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 flexFORM Profiles, and UL listed, custom lengths typically ship within 1-2 days!

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Up to 165 lm/FT

4.40W/FT

Universal Bend

Quick Ship

Product Detail



Lighting	Number of LED's	18/FT (60/m)
	Lamp	SMD 2835
	Beam Angle	120°
	Average Life	50,000 Hours
Electrical	Controls	DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	5A
	Connections	20AWG, Copper Conductors
Mechanical	Circuit	Class 2
	Housing Construction	Flexible PCB Board
	Mounting Options	Channel, Clips, Adhesive
Environmental	Ingress Protection	IP20
	Certifications	cULus, CE, RoHS Compliant
	Operating Temperature	-4°F to 104°F (-20°C to 40°C)

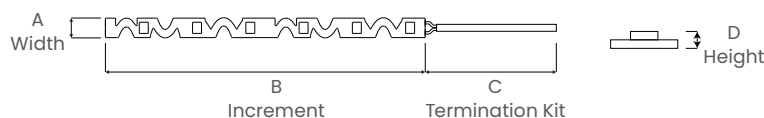
Performance

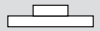
CCT/Color		RGB
Power	W/FT (W/m)	4.40 (14.4)
Lumens	lm/FT (lm/m)	165 (540)
Efficacy	lm/W	38
CRI	CRI	-
Cut Marks	inch (mm)	3 - 15/16 (100)
Max. Length	ft (m)	16ft 4in (5m)

Ordering

Product Code	IP Rating
BL flexFORM U1 RGB	
	IP20

Dimensions



Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.31 (8)	3.94 (100)	5ft (1.5m)	0.19 (4.8)



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 B	Spec Sheet
	BL fixFORM SF Rectangle 2232		Dotting A	Spec Sheet
	BL fixFORM SF Round 2221		Dotting B	Spec Sheet
	BL fixFORM SF Shallow 1709		Dotting C	Spec Sheet
	BL fixFORM SF Square 1617		Dotting B	Spec Sheet
	BL fixFORM SF Wide 4930 Requires 2 LED Strips		Dotting A	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 A	Spec Sheet
	BL fixFORM Recessed Shallow 2811 3/8" Recess Depth		Dotting B	Spec Sheet
	BL fixFORM Recessed 2416 Ceiling Flanged Extrusion		Dotting B	Spec Sheet
	BL fixFORM Recessed 4435 Ceiling Flanged Extrusion		Dotting A	Spec Sheet
	BL fixFORM Recessed Trimless 2414 Mud-In Drywall Channel		Dotting B	Spec Sheet

Specialty

	BL fixFORM SF Contour 1905 Bendable LED Channel		Dotting C	Spec Sheet
	BL fixFORM Stair Nose		Dotting B	Spec Sheet

Suspended

	BL fixFORM SP Round 2020 Suspended and Surface Mount Options Available		Dotting B	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

