

# BL flexFORM E0.7

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



Delivering up to 67 lm/FT in a narrow 11/64" (4.5mm) profile, our flexible, dimmable, slim LED ribbon seamlessly integrates into the most detailed designs. Add architectural accents to niches, coves, bar shelving and displays, in commercial, residential, and retail environments. Available in IP20 or IP65 rated for wet locations, BL flexFORM NI is compatible with BL fixFORM Profiles, and UL listed.

Up to 67 lm/ft

0.7W/FT

90+ CRI

Ultra Slim Design

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

## Product Detail



Lighting	Number of LED's	42 Diodes/FT (140/m)
	Lamp	SMD 2216
	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	1.40A
	Connections	20AWG, Copper Conductors
Mechanical	Circuit	Class 2
	Housing Construction	Flexible PCB Board, Silicone Jacket
	Mounting Options	Clips, Channel, Adhesive
Environmental	Ingress Protection	IP20, IP65
	Certifications	cULus, CE, RoHS Compliant
	Operating Temperature	-4°F to 104°F (-20°C to 40°C)

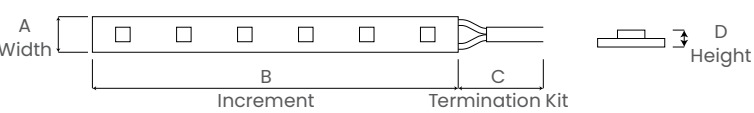
## Performance

CCT/Color		2700K	3000K	4000K	6500K
Power	W/FT (W/m)	0.70 (2.30)			
Lumens	lm/FT (lm/m)	63 (207)	63 (207)	67 (219)	67 (219)
Efficacy	lm/W	90	90	96	96
CRI	CRI	90+			
Increment	inch (mm)	1 - 15/16 (50)			
Max. Length	ft (m)	32ft 8in (10m)			

## Ordering

Product Code	CCT	IP Rating	Profile
BL flexFORM E0.7			
	2700K	IP20	
	3000K	IP65	
	4000K		
	6500K		

## Dimensions



Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.18 (4.5)	1.96 (50)	10ft(3m)	0.05 (1.3)
	DMP(IP65)	0.24 (6)	1.96 (50)		0.16 (4)

### BL LIGHTING ILLUMINATE EVERYTHING

111 - 8838 Heather St. Vancouver, BC, Canada. V6P 3S8  
P: 1-804-874-4405 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

- 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 flexFORM <b>SF Narrow Square</b>	 0.39 (10) 0.34 (8.5)	Dotting <b>A</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>SF Square 2222</b>	 0.77 (19.5) 0.78 (19.8)	Dotting <b>A</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>SF Rectangle 2232</b>	 0.77 (19.5) 1.20 (30.4)	Dotting <b>A</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>SF Round 2221</b>	 0.77 (19.5) 0.77 (19.5)	Dotting <b>A</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>SF Shallow 1709</b>	 0.68 (17.4) 0.32 (8.2)	Dotting <b>C</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>SF Square 1617</b>	 0.69 (17.5) 0.63 (16)	Dotting <b>B</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>SF Wide 4930</b> Requires 2 LED Strips	 1.97 (50) 1.26 (32)	Dotting <b>A</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>SF Focus Beam</b> 30° Beam Spread Lens Optic	 0.77 (19.5) 0.65 (16.6)	Dotting <b>C</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>Recessed 3314</b> 45° Angle Frosted Optic	 1.06 (27) 1.30 (33) 0.59 (15)	Dotting <b>B</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>SF Single Side 45 1616</b> 45° Angle Frosted Optic	 0.63 (16) 0.63 (16)	Dotting <b>C</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>SF Double Side 45</b> Double Sided Frosted Lens Optic	 0.63 (16) 0.63 (16)	Dotting <b>C</b>	<a href="#">Spec Sheet</a>

## Recessed Mount

	BL flexFORM <b>Recessed Narrow 1309</b>	 0.50 (12.8) 0.31 (8) 0.35 (9)	Dotting <b>A</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>Recessed Nano 1007</b> Black Recessed Channel	 0.29 (7.3) 0.21 (5.3) 0.36 (9.3)	Dotting <b>A</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>Recessed 2626</b> In-Floor Profile	 1.02 (26) 1.02 (26)	Dotting <b>A</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>Recessed Shallow 2811</b> 3/8" Recess Depth	 1.10 (28.1) 0.92 (23.5) 0.43 (11)	Dotting <b>C</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>Recessed 2416</b> Ceiling Flanged Extrusion	 0.95 (24) 0.69 (17.5) 0.79 (20)	Dotting <b>B</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>Recessed 4435</b> Ceiling Flanged Extrusion	 1.73 (44) 1.38 (35) 1.36 (35)	Dotting <b>A</b>	<a href="#">Spec Sheet</a>
	BL flexFORM <b>Recessed Trimless 2414</b> Mud-In Drywall Channel	 2.82 (71.6) 1.24 (31.6) 0.58 (14.7)	Dotting <b>C</b>	<a href="#">Spec Sheet</a>

## Specialty

	BL flexFORM <b>Stair Nose</b>	 2.32 (59.1) 0.85 (21.7)	Dotting <b>B</b>	<a href="#">Spec Sheet</a>
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## Suspended

	BL flexFORM <b>SP Round 2020</b> Suspended and Surface Mount Options Available	 0.79 (20) 0.79 (20)	Dotting <b>B</b>	<a href="#">Spec Sheet</a>
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