BL flexFORM D6

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

BL LIGHTING
SINCE 1986

Delivering up to 678lmm/FT, our flexible, dimmable, high lumen output LED ribbon 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. Available in IP20 or IP65 rated for wet locations, BL flexFORM D6 is compatible with BL fixFORM Profiles, and UL listed, custom lengths typically ship within 1-2 days!
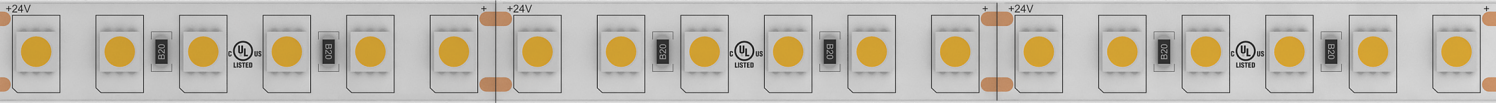
| Up to 678 lm/ft | 5.85W/FT | 97+ CRI | Quick Ship |

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail

IP20 · IP65 · LOW · DIM · 5 YEAR WARRANTY · Bluetooth · CE · RoHS · cULus LISTED

Lighting	Number of LED's	48 Diodes/FT (157/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
	Circuit	Class 2
Mechanical	Housing Construction	Flexible PCB Board, Silicone Jacket
	Mounting Options	Channel
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	3500K	4000K
Power	W/FT (W/m)	5.85 (19.2)			
Lumens	lm/FT (lm/m)	632 (2,074)	643 (2,112)	643 (2,112)	678 (2,227)
Efficacy	lm/W	108	109	109	115
CRI	CRI	97+			
Increment	inch (mm)	1.96 (50)			
Max. Length	ft (m)	15ft (4.57m)			

Ordering

Product Code	CCT	IP Rating	Profile
BL flexFORM D6			
	2700K	IP20	
	3000K	IP65	
	3500K		
	4000K		

Dimensions

A Width — B Increment — C End Cap (IP65/IP68 only) — D Height
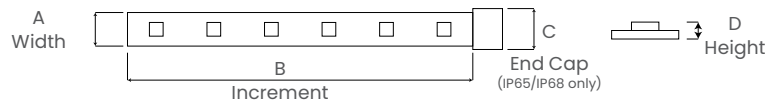
Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.39 (10)	1.96 (50)	–	0.06 (1.6)
	DMP(IP65)	0.57 (14.5)	1.96 (50)	0.63 (16)	0.24 (6)

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 downlad 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

Suface Mount

			Dotting
	BL fixFORM **SF Channel 2212**	0.44 (11.2) / 0.77 (19.5)	**C** / Spec Sheet
	BL fixFORM **SF Square 2222**	0.78 (19.8) / 0.77 (19.5)	**A** / Spec Sheet
	BL fixFORM **SF Rectangle 2232**	1.20 (30.4) / 0.77 (19.5)	**A** / Spec Sheet
	BL fixFORM **SF Round 2221**	0.77 (19.5) / 0.77 (19.5)	**A** / Spec Sheet
	BL fixFORM **SF Shallow 1709**	0.32 (8.2) / 0.68 (17.4)	**A** / Spec Sheet
	BL fixFORM **SF Square 1617**	0.63 (16) / 0.69 (17.5)	**A** / Spec Sheet
	BL fixFORM **SF Wide 4930** Requires 2 LED Strips	1.26 (32) / 1.97 (50)	**A** / Spec Sheet
	BL fixFORM **SF Focus Beam** 30º Beam Spread Lens Optic	0.65 (16.6) / 0.77 (19.5)	**C** / Spec Sheet

Recessed Mount

			Dotting
	BL fixFORM **Recessed 2626** In-Floor Profile	1.02 (26) / 1.02 (26)	**A** / Spec Sheet
	BL fixFORM **Recessed Shallow 2811** 3/8" Recess Depth	1.10 (28.1) / 0.43 (11) / 0.92 (23.5)	**B** / Spec Sheet
	BL fixFORM **Recessed 2416** Ceiling Flanged Extrusion	0.95 (24) / 0.79 (20) / 0.69 (17.5)	**B** / Spec Sheet
	BL fixFORM **Recessed 4435** Ceiling Flanged Extrusion	1.73 (44) / 1.38 (35) / 1.38 (35)	**A** / Spec Sheet
	BL fixFORM **Recessed Trimless 2414** Mud-In Drywall Channel	2.82 (71.6) / 0.58 (14.7) / 1.24 (31.6)	**C** / Spec Sheet

Specialty

			Dotting
	BL fixFORM **SF Contour 1905** Bendable LED Channel	0.35 (9) / 0.71 (18)	**C** / Spec Sheet
	BL fixFORM **Stair Nose**	0.85 (21.7) / 2.32 (59.1)	**B** / Spec Sheet

Suspended

			Dotting
	BL fixFORM **SP Round 2020** Suspended and Surface Mount Options Available	0.79 (20) / 0.79 (20)	**B** / Spec Sheet

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