BL flexFORM Premium Cut D3

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

BL LIGHTING
SINCE 1986

Delivering up to 470lm/FT, our flexible, dimmable, high lumen output LED ribbon is perfect for architectural highlighting, and certified for indoor and outdoor use. Cuttable every 0.33" (8.33mm), BL flexFORM Premium Cut D3 allows for exact custom run lengths. 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 Premium Cut D3 is compatible with BL fixFORM Profiles, and UL listed, custom lengths typically ship within 1-2 days!

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

0.33" (8.33mm) Increments	Up to 470 lm/ft	4.4W/FT	90+ CRI	Quick Ship

Product Detail

IP20 IP65 LOW DIM Bluetooth

CE RoHS c UL us LISTED 5 YEAR WARRANTY

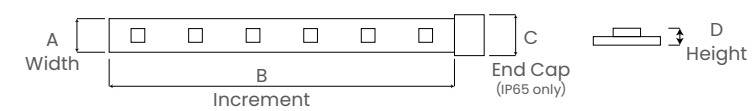|		
Lighting	Number of LED's	37 Diodes/FT (120/m)
	Lamp	SMD 2835
	Beam Angle	120°
	Average Life	50,000 Hours
	CCT Binning	SDCM <3 LED's
Electrical	Controls	0-10V, MLV, ELV, Phase-Cut, Triac, DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	4.1A
	Connections	20AWG, Copper Conductors
	Circuit	Class 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		3000K
Power	W/FT (W/m)	4.4 (14.4)
Lumens	lm/FT (lm/m)	470 (1,543)
Efficacy	lm/W	107
CRI	CRI	90+
Increment	inch (mm)	0.33 (8.33)
Max. Length	ft (m)	16ft 4in (5m)

Ordering

Product Code	CCT	IP Rating	Profile
BL flexFORM Premium Cut D3			
	3000K	IP20	
		IP65	

Dimensions

A Width — B Increment — C End Cap (IP65 only) — D Height

Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.40 (10)	0.33 (8.33)	–	0.06 (1.5)
	DMP(IP65)	0.47 (12)	0.33 (8.33)	0.55 (14)	0.2 (4.5)

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

bllighting.com

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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)	**B**	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** 30° Beam Spread Lens Optic	0.65 (16.6) × 0.77 (19.5)	**C**	Spec Sheet
BL fixFORM **SF Single Side 45** 45° Angle Frosted Optic	0.73 (18.5) × 0.73 (18.5)	**B**	Spec Sheet
BL fixFORM **SF Single Side 45 1616** 45° Angle Frosted Optic	0.63 (16) × 0.63 (16)	**B**	Spec Sheet
BL fixFORM **SF Double Side 45** Double Sided Frosted Lens Optic	0.63 (16) × 0.63 (16)	**B**	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)	**C**	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)	**A**	Spec Sheet

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