

E07

BL Flexform

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, E07 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°
Electrical	Average Life	50,000 Hours
	CCT Binning	SDCM <3 LED's
	Controls	0-10V, MLV, ELV, Phase-Cut, Triac, DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	1.40A
Mechanical	Connections	20AWG, Copper Conductors
	Circuit	Class 2
	Housing Construction	Flexible PCB Board, Silicone Jacket
Environmental	Mounting Options	Clips, Channel, Adhesive
	Ingress Protection	IP20, IP65
	Certifications	cULus, CE, RoHS Compliant
	Operating Temperature	-4°F to 104°F (-20°C to 40°C)

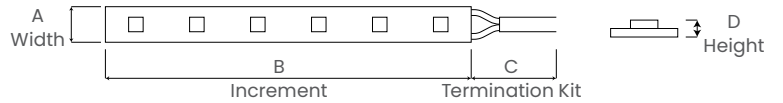
Performance

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)	1.96 (50)			
Max. Length	ft (m)	32ft 8in (10m)			

Ordering

Product Code	Series	CCT	Input Voltage	IP Rating
E07	F	2700K	24	IP20
		3000K		IP65
		4000K		
		6500K		

Dimensions



Section	inch (mm)			
	A	B	C	D
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

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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

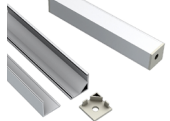



B = Slight visible dots

C = Clear visible dots



Surface Mount

	SN1008 BL Fixform	 0.39 (10) 0.34 (8.5)	Dotting B Spec Sheet
	S2222 BL Fixform	 0.77 (19.5) 0.78 (19.8)	Dotting B Spec Sheet
	S2232 BL Fixform	 0.77 (19.5) 1.20 (30.4)	Dotting B Spec Sheet
	S2221 BL Fixform	 0.77 (19.5) 0.77 (19.5)	Dotting B Spec Sheet
	S1507 BL Fixform	 0.60 (15) 0.28 (7)	Dotting C Spec Sheet
	S1709 BL Fixform	 0.68 (17.4) 0.32 (8.2)	Dotting C Spec Sheet
	S1617 BL Fixform	 0.69 (17.5) 0.63 (16)	Dotting C Spec Sheet
	S4930 BL Fixform Requires 2 LED Strips	 1.97 (50) 1.26 (32)	Dotting A Spec Sheet
	S2215 BL Fixform 30° Beam Spread Lens Optic	 0.77 (19.5) 0.65 (16.6)	Dotting C Spec Sheet
	R3314 BL Fixform 45° Angle Frosted Optic	 1.06 (27) 1.30 (33) 0.55 (14)	Dotting C Spec Sheet

	SD1616 BL Fixform Double Sided Frosted Lens Optic	 0.63 (16) 0.63 (16)	Dotting C Spec Sheet
	SS1616 BL Fixform 45° Angle Frosted Optic	 0.63 (16) 0.63 (16)	Dotting C Spec Sheet



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



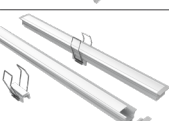
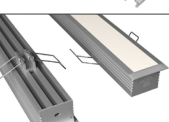
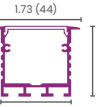
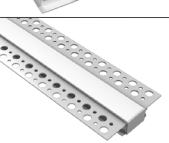
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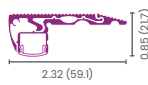
C = Clear visible dots



Recessed Mount

	RN1309 BL Fixform		Dotting B	Spec Sheet
	RN1007 BL Fixform Black Recessed Channel		Dotting A	Spec Sheet
	R2626 BL Fixform In-Floor Profile		Dotting A	Spec Sheet
	RS2811 BL Fixform 3/8" Recess Depth		Dotting C	Spec Sheet
	R2416 BL Fixform Ceiling Flanged Extrusion		Dotting C	Spec Sheet
	R4435 BL Fixform Ceiling Flanged Extrusion		Dotting B	Spec Sheet
	RT2414 BL Fixform Mud-In Drywall Channel		Dotting C	Spec Sheet

Specialty

	ST5921 BL Fixform		Dotting C	Spec Sheet
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Suspended

	SP2020 BL Fixform Suspended and Surface Mount Options Available		Dotting C	Spec Sheet
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