

Integrating highly controllable RGB and true white CCT diodes into a single, dynamic chip, our flexible E1 RGBW LED strip is perfect for architectural accenting, and certified for indoor and outdoor use. Add color changing effects to coves, under cabinets, bar shelving, and displays, in commercial, residential, and retail environments. BL Flexform RGBW is compatible with BL Flexform Profiles, and UL listed, custom lengths ship within 1-2 days!

Up to 96 lm/ft

2.44W/FT

90+ CRI

Quick Ship

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



Lighting	Number of LED's	36 Diodes/FT (120/m)
	Lamp	SMD 5050
	Beam Angle	120°
Electrical	Average Life	50,000 Hours
	CCT Binning	SDCM <3 LED's
	Controls	DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	5A
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)

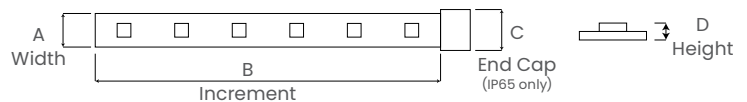
Performance

CCT/Color		RGBW (3000K)
Power	W/FT (W/m)	2.44 (8)
Lumens	lm/FT (lm/m)	96 (314)
Efficacy	lm/W	40
CRI	CRI	90+
Increment	inch (mm)	1.97 (50)
Max. Length	ft (m)	20ft (6.1m)

Ordering

Product Code	Series	Color	Input Voltage	IP Rating
E1RGBW	F	RGBW(3000K)	24	IP20
				IP65

Dimensions



Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.49 (12.5)	1.97 (50)	-	0.06 (1.6)
	DMP(IP65)	0.57 (14.5)	1.97 (50)	0.63 (16)	0.24 (6)



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

	CH2212 BL Fixform		Dotting C	Spec Sheet
	S2222 BL Fixform		Dotting B	Spec Sheet
	S2232 BL Fixform		Dotting B	Spec Sheet
	S2221 BL Fixform		Dotting B	Spec Sheet
	S1507 BL Fixform		Dotting C	Spec Sheet
	S1709 BL Fixform		Dotting C	Spec Sheet
	S1617 BL Fixform		Dotting B	Spec Sheet
	S4930 BL Fixform Requires 2 LED Strips		Dotting A	Spec Sheet
	S2215 BL Fixform 30° Beam Spread Lens Optic		Dotting C	Spec Sheet

Recessed Mount

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

Specialty

	S1905 BL Fixform Bendable LED Channel		Dotting C	Spec Sheet
	ST5921 BL Fixform		Dotting C	Spec Sheet

Suspended

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