

# RGBW+WW 2

BL Flexform

Flexible, Linear LED Strip Lighting  
Polychromatic, 24VDC, Constant Voltage  
RGB + Tunable White

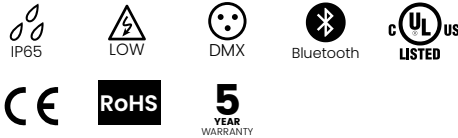


Integrating highly controllable RGB and tunable white CCT diodes into a single, dynamic chip, our flexible RGBW+WW 2 LED strip is perfect for architectural accenting, and certified for indoor and outdoor use. Add color changing effects and tune the perfect white CCT to coves, under cabinets, bar shelving, and displays, in commercial, residential, and retail environments. RGBW+WW 2 is compatible with BL Fixform Profiles and UL listed.

**Up to 335 lm/ft**   **7.0W/FT**   **90+ CRI**   **RGB+Tunable White**

<b>CLIENT</b>	
<b>PROJECT NAME</b>	
<b>LOCATION</b>	
<b>DATE</b>	

## Product Detail



<b>Lighting</b>	Number of LED's	88 Diodes/FT (288/m)
	Lamp	SMD 3535
	Beam Angle	120°
<b>Electrical</b>	Average Life	50,000 Hours
	CCT Binning	SDCM <3 LED's
	Controls	DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	4A
<b>Mechanical</b>	Connections	20AWG, Copper Conductors
	Circuit	Class 2
	Housing Construction	Flexible PCB Board, Silicone Jacket
<b>Environmental</b>	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)

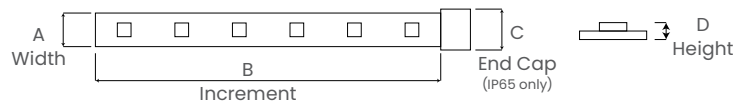
## Performance

CCT/Color		RGBW+WW (2700K+6500K)
<b>Power</b>	W/FT (W/m)	7.0 (23)
<b>Lumens</b>	lm/FT (lm/m)	335 (1100)
<b>Efficacy</b>	lm/W	48
<b>CRI</b>	CRI	90+
<b>Increment</b>	inch (mm)	2.46 (62.5)
<b>Max. Length</b>	ft (m)	12ft 6in (3.8m)

## Ordering

Product Code	Series	Color	Input Voltage	IP Rating
RGBWW2	F	RGBW+WW(2700K+6500K)	24	IP20 IP65

## Dimensions



Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.47 (12.0)	2.46 (62.5)	-	0.06 (1.6)
	DMP(IP65)	0.55 (14.0)	2.46 (62.5)	0.63 (16)	0.24 (6)

### BL LIGHTING ILLUMINATE EVERYTHING

111 - 8838 Heather St. Vancouver, BC, Canada. V6P 3S8  
P: 1-804-874-4405 E: info@bllighting.com  
Copyright © BL INNOVATIVE LIGHTING. All Rights Reserved.

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](http://bllighting.com) for current technical data.

For more information, please download the BL LIGHTING catalog

[bllighting.com](http://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

	<b>CH2212</b> BL Fixform	 0.77 (19.5) x 0.44 (11.2)	Dotting <b>C</b> <a href="#">Spec Sheet</a>
	<b>S2222</b> BL Fixform	 0.77 (19.5) x 0.78 (19.8)	Dotting <b>A</b> <a href="#">Spec Sheet</a>
	<b>S2232</b> BL Fixform	 0.77 (19.5) x 1.20 (30.4)	Dotting <b>A</b> <a href="#">Spec Sheet</a>
	<b>S2221</b> BL Fixform	 0.77 (19.5) x 0.77 (19.5)	Dotting <b>A</b> <a href="#">Spec Sheet</a>
	<b>S1507</b> BL Fixform	 0.60 (15) x 0.28 (7)	Dotting <b>C</b> <a href="#">Spec Sheet</a>
	<b>S1709</b> BL Fixform	 0.68 (17.4) x 0.32 (8.2)	Dotting <b>C</b> <a href="#">Spec Sheet</a>
	<b>S1617</b> BL Fixform	 0.69 (17.5) x 0.63 (16)	Dotting <b>A</b> <a href="#">Spec Sheet</a>
	<b>S4930</b> BL Fixform Requires 2 LED Strips	 1.97 (50) x 1.26 (32)	Dotting <b>A</b> <a href="#">Spec Sheet</a>
	<b>S2215</b> BL Fixform 30° Beam Spread Lens Optic	 0.77 (19.5) x 0.65 (16.6)	Dotting <b>C</b> <a href="#">Spec Sheet</a>

## Recessed Mount

	<b>R2626</b> BL Fixform In-Floor Profile	 1.02 (26) x 1.02 (26)	Dotting <b>A</b> <a href="#">Spec Sheet</a>
	<b>RS2811</b> BL Fixform 3/8" Recess Depth	 0.92 (23.5) x 1.10 (28.1) x 0.43 (11)	Dotting <b>B</b> <a href="#">Spec Sheet</a>
	<b>R2416</b> BL Fixform Ceiling Flanged Extrusion	 0.69 (17.5) x 0.95 (24) x 0.78 (20)	Dotting <b>B</b> <a href="#">Spec Sheet</a>
	<b>R4435</b> BL Fixform Ceiling Flanged Extrusion	 1.38 (35) x 1.73 (44) x 1.38 (35)	Dotting <b>A</b> <a href="#">Spec Sheet</a>
	<b>RT2414</b> BL Fixform Mud-In Drywall Channel	 1.24 (31.6) x 2.82 (71.6) x 0.56 (14.2)	Dotting <b>B</b> <a href="#">Spec Sheet</a>

## Specialty

	<b>S1905</b> BL Fixform Bendable LED Channel	 0.71 (18) x 0.35 (9)	Dotting <b>C</b> <a href="#">Spec Sheet</a>
	<b>ST5921</b> BL Fixform	 2.32 (59.1) x 0.65 (16.7)	Dotting <b>B</b> <a href="#">Spec Sheet</a>

## Suspended

	<b>SP2020</b> BL Fixform Suspended and Surface Mount Options Available	 0.79 (20) x 0.79 (20)	Dotting <b>B</b> <a href="#">Spec Sheet</a>
--	---	---------------------------	--

