LED Strip Dual Bend Multi Color RGBW

The LED Strip Dual Bend Multi Color RGBW is engineered for high-impact indoor environments. This specialized lighting solution features a unique dual-bend capability, designed to provide a seamless experience layer of patterns and motion along multi-dimensional paths. The flexible copper PCB and custom length options allow the light to effortlessly follow intricate architectural outlines that require both lateral and vertical flexibility.

Equipped with 4in1 LEDs, it is the ideal choice for enhancing architectural forms with bold light effects and a dedicated 2700K warm white channel for superior color depth. The durable indoor construction offers a reliable, long-term solution in professional commercial and residential settings.

- Specialized Dual-Bend Flexibility — Features a unique dual-bend architecture, enabling the strip to navigate complex, three-dimensional architectural forms with ease.
- Integrated 4in1 Lighting Spectrum — Combines full RGB color mixing with a dedicated 2700K warm white channel, delivering a versatile balance between vibrant effects and high-quality functional light.



CE RoHS IP20

Specifications

General

Power Consumption (W/m)	19,2
Input Voltage (V DC)	24
LEDs (/m)	70
LED Pitch (mm)	14,3
Beam Angle (°)	120
Color Range	RGBW
LED Type	4in1
LEDs (/segment)	7
CRI	≥80
Control	PWM

Installation Conditions & Lighting Data

Segment Length (mm)	100	
Maximum Run Length Power[1] (m)	Single Feed	3,1
	Double Feed	6,2
Lumen Maintenance Calculated Hours (h)	L80 @ 85 °C (LM80-15) Reported 36,000, Calculated 90,000	

[1] More details can be found in the Installation Guide document.

Operating

Environment	Indoor
Installation Temperature (°C)	-40 to +80
Working Temperature (°C)	-25 to +60
IP Rating	IP20
Certification	CE, RoHS
Warranty	2 Years

Physical

PCB Material	Copper
Cable Material	PVC
PCB Color	White
Connector Type	Bare Wires
Weight (kg/m)	0,035
Dimensions WxH (mm)	10 (30) x 2,2 (10)
Length (mm)	5000 (Custom on Request)

Options

Color/CCT

☐ RGBW2700K

oneeighty one.com

Bromostraat 18-1
1067TG Amsterdam
The Netherlands

Info@oneeightyone.com
+31 (0)20 8200 170
@oneeightyonelighting

Lighting Specifications

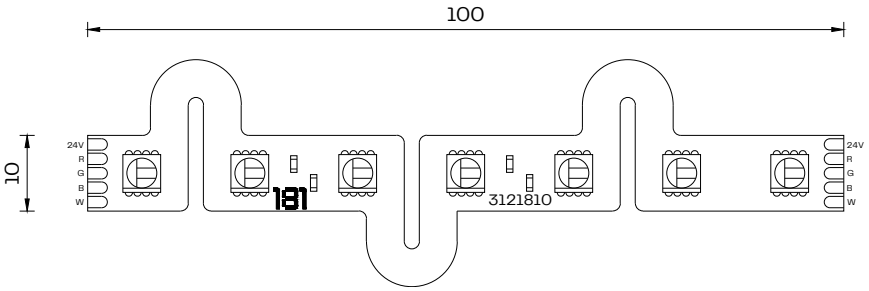
LED Strip Dual Bend

	Full RGBW (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)	White (lm/m)
RGBW2700K					

Photometric Distribution

Dimensions

Dual Bend RGBW



Product References

LED Strip

Reference	Description
3121810	LED Strip Dual Bend RGBW2700K