LED Strip Multi Color RGBW

The LED Strip Multi Color RGBW is engineered for high-impact indoor environments. This flexible lighting solution is designed to perform in demanding interior conditions while providing a seamless experience layer of patterns and motion. Custom length options and a flexible copper PCB allow the light to effortlessly follow organic shapes and intricate architectural outlines.

Equipped with 4in1 LED technology, it is the ideal choice for enhancing architectural forms with bold light effects and sophisticated color depth. Available in two distinct configurations - RGBW (2700K) for warm white integration and RGBA for specialized amber accents-this modular system provides the versatility required for diverse professional commercial and residential settings.

- Versatile 4in1 Color Spectrum — Integrates full RGB color mixing with a dedicated fourth channel, available as 2700K warm white or Amber, to suit specific atmospheric requirements.
- Seamless Architectural Integration — Features a compact profile and a 100mm segment length, ensuring a clean and professional appearance in complex interior installations.



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	5,8
	Double Feed	11,6
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)	12 x 2,1
Length (mm)	5000 (Custom on Request)

Options

Color/CCT

- ☐ RGBW2700K
- ☐ RGBA

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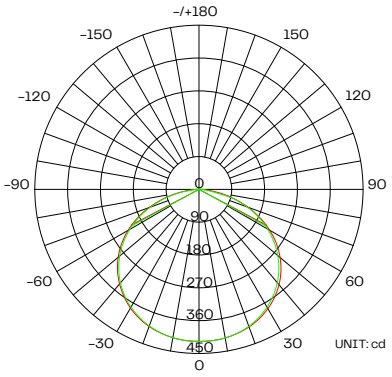
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Lighting Specifications

LED Strip

	Full RGBW (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)	White (lm/m)	Amber (lm/m)
RGBW2700K	1361	173	517	100	582	
RGBA						

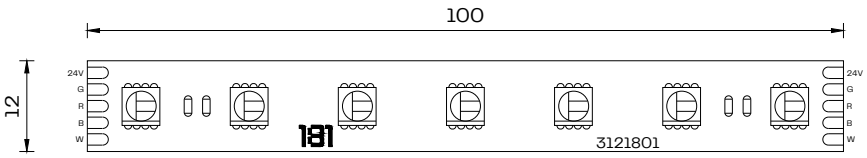
Photometric Distribution



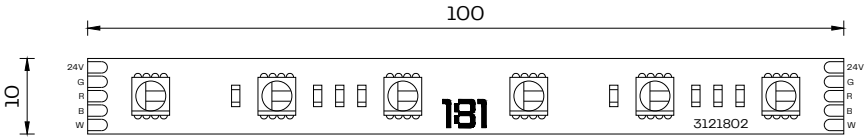
RGBW2700K - 123.5° Average Beam Angle

Dimensions

RGBW



RGBA



Product References

LED Strip

Reference	Description
3121801	LED Strip RGBW2700K
3121802	LED Strip RGBA

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