LED Strip Multi Color RGBTW

The LED Strip Multi Color RGBTW 24V 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 a 3in1 RGB and discrete white LEDs, it is the ideal choice for enhancing architectural forms with bold light effects and sophisticated tunable white ranges. The durable indoor construction offers a reliable, long-term solution that maintains its integrity in professional commercial and residential settings.

- Advanced Color and Tunable White Integration — Featuring a 3in1 LED and RGBTW color range, allowing for a versatile spectrum of colors combined with tunable white options from 2400K to 5500K.
- Precise Pixel Control — Features 10 pixels per meter and 8 bit dimming for accurate light effects and smooth transitions, fully compatible with SPI control protocols.



CE RoHS IP20

Specifications

General

Power Consumption (W/m)	24
Input Voltage (V DC)	24
LEDs (/m)	96 + 192
LED Pitch (mm)	10,42
Beam Angle (°)	120
Color Range	RGBTW
LED Type	3in1 + Discrete
LEDs (/segment)	18
CRI	≥90
Control	PWM

Installation Conditions & Lighting Data

Segment Length (mm)	62,5	
Maximum Run Length Power[1] (m)	Single Feed	4,2
	Double Feed	8,2
Lumen Maintenance Calculated Hours (h)		

[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 1,6
Length (mm)	5000 (Custom on Request)

Options

Color/CCT

- ☐ RGBTW2400-5500K

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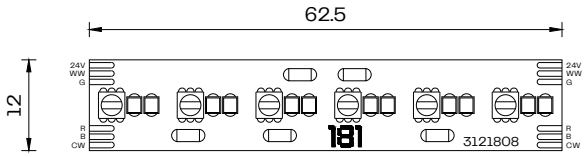
Lighting Specifications

LED Strip

	Full RGBTW (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)	Cold White (lm/m)	Warm White (lm/m)
RGBTW2400-5500K	1648	157	383	82	491	562

Photometric Distribution

Dimensions



Product References

LED Strip

Reference	Description
3121808	LED Strip RGBTW