DiGi LED Strip Multi Color RGBTW 24V

The DiGi LED Strip Multi Color RGBTW 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 5in1 LED type, it is the ideal choice for enhancing architectural forms with bold light effects and sophisticated tunable white options. Available in two distinct variants (2200–4000K or 2400–5500K), this modular system provides the versatility required for diverse professional commercial and residential settings.

- Comprehensive RGBTW Spectrum — Features a 5in1 LED combining full RGB color mixing with a tunable white range available in 2200–4000K or 2400–5500K for ultimate atmospheric flexibility.
- Precise Pixel Control — Equipped with 10 individual pixels per meter and 8-bit dimming for accurate light effects and smooth transitions via SPI control.

CE RoHS IP20

Specifications

General

Power Consumption (W/m)	20	
Input Voltage (V DC)	24	
LEDs (/m)	60	
LED Pitch (mm)	16,67	
Pixels (/m)	10	
Pixel Pitch (mm)	100	
Channels (/m)	50	
Beam Angle (°)	120	
LED Type	5in1	
Color Range	RGBTW	
LEDs (/segment)	6	
CRI	≥80	
Control	SPI	(WS2805)
Dimming	8 bit	

Installation Conditions & Lighting Data

Segment Length (mm)	100	
Maximum Run Length Power[1] (m)	Single Feed	5,1
	Double Feed	10,2
Maximum Run Length Data[1] (m)	@30fps	
	@50fps	
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 2,2
Length (mm)	5000 (Custom on Request)

Options

Color/CCT

- ☐ RGBTW2200-4000K
- ☐ RGBTW2400-5500K

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Lighting Specifications

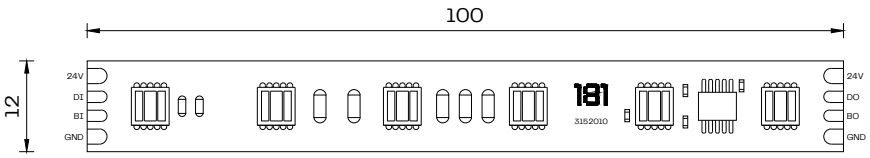
DiGi LED Strip

	Full RGBTW (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)	Cold White (lm/m)	Warm White (lm/m)
RGBTW2200-4000K 100mm						
RGBTW2400-5500K 100mm						

Photometric Distribution

Dimensions

RGBTW 100mm



Product References

DiGi LED Strip

Reference	Description
3152011	DiGi LED Strip RGBTW2200-4000K 100mm 24V
3152010	DiGi LED Strip RGBTW2400-5500K 100mm 24V

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