DiGi LED Strip Dual Bend Multi Color RGBW

The DiGi 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 complex 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 a 4in1 LED type, 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 that maintains its integrity in professional commercial and residential settings.

- Specialized Dual-Bend Flexibility — Features a unique dual-bend architecture, enabling the strip to navigate complex, multi-dimensional architectural forms with ease.
- 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)	19,2	
Input Voltage (V DC)	24	
LEDs (/m)	70	
LED Pitch (mm)	14,3	
Pixels (/m)	10	
Pixel Pitch (mm)	100	
Channels (/m)	40	
Beam Angle (°)	120	
LED Type	4in1	
Color Range	RGBW	
LEDs (/segment)	7	
CRI	≥80	
Control	SPI	(TM1824)
Dimming	8 bit	

Installation Conditions & Lighting Data

Segment Length (mm)	100	
Maximum Run Length Power[1] (m)	Single Feed	3
	Double Feed	6
Maximum Run Length Data[1] (m)	@30fps	64
	@50fps	38
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)	0,07
Dimensions WxH (mm)	10 (30) x 2,2 (10)
Length (mm)	5000 (Custom on Request)

Options

Color/CCT

- ☐ RGBW2700K

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Lighting Specifications

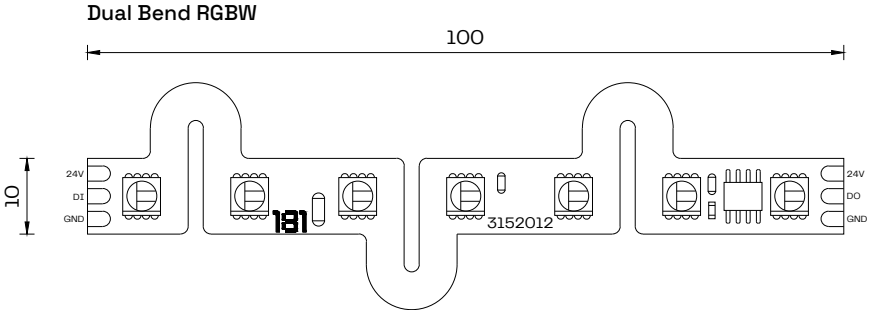
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	Full RGBW (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)	White (lm/m)
RGBW2700K					

Photometric Distribution

Dimensions

Dual Bend RGBW



Product References

DiGi LED Strip

Reference	Description
3152012	DiGi LED Strip Dual Bend RGBW2700K 100mm 24V

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Product References