DiGi LED Strip Multi Color RGB 24V

The DiGi LED Strip Multi Color RGB 24V is engineered for high-impact indoor environments. This robust and 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 PCB allow the light to effortlessly follow organic shapes and intricate architectural outlines.

With options for either high-density or long-run pixel lengths, it is the ideal choice for enhancing architectural forms with bold light effects. The 24V system is built for consistency and efficiency, offering a reliable, long-term solution that maintains its integrity in professional commercial and residential settings.

↳ Optimized for Scalable Resolution — Offers configurations from 12 to 60 pixels per meter, providing the flexibility to balance between extreme detail and long data run lengths of up to 37 meters.

↳ Precise Integrated Control — Features 8 bit dimming and a 120° beam angle for accurate light effects and smooth transitions, fully compatible with SPI control protocols.

CE   RoHS   IP20

Specifications

General

Pixel Pitch Variant	16	83
Power Consumption (W/m)	14,4	16,8
Input Voltage (V DC)	24	
LEDs (/m)	60	72
LED Pitch (mm)	16,67	13,89
Pixels (/m)	60	12
Pixel Pitch (mm)	16,67	83,33
Channels (/m)	180	36
Beam Angle (°)	120	
LED Type	3in1	
Color Range	RGB	
LEDs (/segment)	6	
Control	SPI (GS8208)	SPI (TM1804)
Dimming	8 bit	

Installation Conditions & Lighting Data

Segment Length (mm)	100	83,33	
Maximum Run Length Power [1] (m)	Single Feed		
	Double Feed		
Maximum Run Length Data [1] (m)	16mm	@30fps	14
		@50fps	9
	83mm	@30fps	37
		@50fps	22
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	16mm	White
	83mm	Black
Connector Type	Bare Wires	
Weight (kg/m)	0,035	
Dimensions WxH (mm)	12 x 2,1	
Length (mm)	5000 (Custom on Request)	

Options

Pixel Pitch Variant

☐ 16mm
☐ 83mm

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