

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 <sup>1</sup> (m)	Single Feed		
	Double Feed		
Maximum Run Length Data <sup>1</sup> (m)	16mm	@30fps	14
		@50fps	9
	83mm	@30fps	37
		@50fps	22

Lumen Maintenance Calculated  
Hours (h)

<sup>1</sup>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