DiGi LED Strip Tunable White Amber Drift

The DiGi LED Strip Tunable White Amber Drift 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 specialized Amber Drift range of 1600-6500K, it is the ideal choice for enhancing architectural forms with bold light effects and sophisticated natural dimming transitions. The durable indoor construction offers a reliable, long-term solution that maintains its integrity in professional commercial and residential settings.

- Advanced Amber Drift Technology — Features a dynamic tunable white range from a warm 1600K to a cool 6500K, perfectly mimicking natural light transitions for superior atmospheric control.
- High-Resolution Pixel Mapping — Equipped with up to 180 individual pixels per meter and an ultra-fine pixel pitch of 5.56mm, enabling exceptionally smooth gradients and high-detail animations via SPI control.

CE RoHS IP20

Specifications

General

Pixel Pitch Variant	16	100
Power Consumption (W/m)	14,4	
Input Voltage (V DC)	12	24
LEDs (/m)	180	
LED Pitch (mm)	16,67	
Pixels (/m)	100	60
Pixel Pitch (mm)	16,67	10
Channels (/m)	180	30
Beam Angle (°)	120	
LED Type	Discrete	
Color Range	Tunable White	
LEDs (/segment)	3	30
Control	SPI (GS8208)	SPI (UCS7604)
Dimming	8 bit	16 bit

Installation Conditions & Lighting Data

Segment Length (mm)		16,67	100	
Maximum Run Length Power[1] (m)	Single Feed		5,1	
	Double Feed		10,2	
Maximum Run Length Data[1] (m)		16 mm	@30fps	14
			@50fps	9
		100 mm	@30fps	85
			@50fps	51
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 2,1
Length (mm)	5000 (Custom on Request)

Options

Color/CCT

- ☐ Amber Drift 1600-6500K

Pixel Pitch Variant

- ☐ 16mm
- ☐ 100mm

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Lighting Specifications

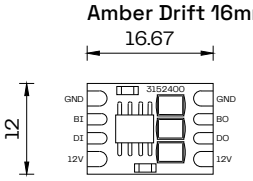
DiGi LED Strip

	Full White (lm/m)	Color (lm/m)	Warm White (lm/m)	Cold White (lm/m)
12V Amber Drift 1600-6500K 16mm				
24V Amber Drift 1600-6500K 100mm				

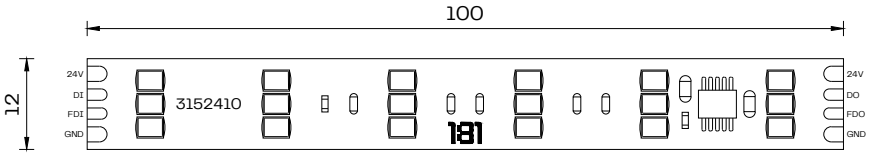
Photometric Distribution

Dimensions

Amber Drift 16mm



Amber Drift 100mm



Product References

DiGi LED Strip

Reference	Description
3152400	DiGi LED Strip Amber Drift 16mm 12V
3152410	DiGi LED Strip Amber Drift 100mm 24V

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