LED Strip CSP Multi Color RGBW

The LED Strip CSP Multi Color RGBW 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.

Advanced Chip Scale Package (CSP) technology removes the need for traditional plastic packaging and wire bonding. Allowing for a significantly higher density LEDs per meter, producing a virtually dot-free, continuous line of light. Because the light-emitting surface is closer to the PCB, CSP offers superior thermal efficiency and increased mechanical flexibility.

- Advanced CSP Technology — Features Chip Scale Package LEDs for a more compact design and improved thermal management, ensuring high-quality architectural illumination.
- Exceptional Color Fidelity — Delivers high-quality light rendering with a CRI ≥90, making it perfect for applications where color precision is paramount.



CE RoHS IP20

Specifications

General

Power Consumption (W/m)	20
Input Voltage (V DC)	24
LED Pitch (mm)	14,3
Beam Angle (°)	120
Color Range	RGBW
LED Type	CSP
CRI	≥90
Control	PWM

Installation Conditions & Lighting Data

Segment Length (mm)	33,33	
Maximum Run Length Power[1] (m)	Single Feed	3,4
	Double Feed	6,8
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
Length (mm)	5000 (Custom on Request)

Options

Color/CCT

- ☐ RGBW2700K

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Lighting Specifications

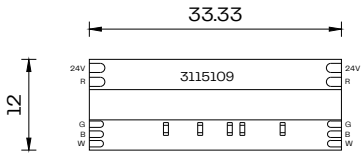
LED Strip CSP

	Full RGBW (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)	White (lm/m)
RGBW2700K	815	136	261	55	397

Photometric Distribution

Dimensions

CSP RGBW



Product References

LED Strip

Reference	Description
3115109	LED Strip CSP RGBW2700K