LED Strip COB Multi Color RGB

The LED Strip COB Multi Color RGB 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 advanced Chip-on-Board (COB) technology, it is the ideal choice for enhancing architectural forms with bold light effects. The durable indoor construction offers a reliable, long-term solution that maintains its integrity in professional commercial and residential settings.

- Advanced COB Technology — Features Chip-on-Board technology for a high-density LED configuration, providing a virtually dot-free and perfectly uniform light output.
- Precise Architectural Integration — Features a 55.4mm segment length and a compact profile, allowing for extreme accuracy and a clean, professional appearance in complex interior installations.

CE RoHS IP20

Specifications

General

Power Consumption (W/m)	15
Input Voltage (V DC)	24
LEDs (/m)	1134
LED Pitch (mm)	0,88
Beam Angle (°)	120
Color Range	RGB
LEDs (/segment)	63
Control	PWM

Installation Conditions & Lighting Data

Segment Length (mm)	55,4	
Maximum Run Length Power[1] (m)	Single Feed	4,5
	Double Feed	9
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

oneeighty one.com

Bromostraat 18-1
1067TG Amsterdam
The Netherlands

Info@oneeightyone.com
+31 (0)20 8200 170
@oneeightyonelighting

Lighting Specifications

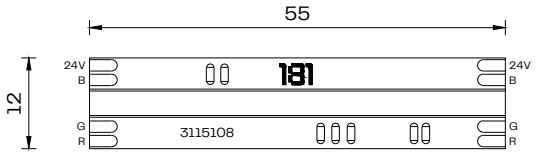
LED Strip COB

	Full RGB (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)
RGB				

Photometric Distribution

Dimensions

COB RGB



Product References

LED Strip

Reference	Description
3115108	LED Strip COB RGB