# 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 |
| | Double Feed |
| 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

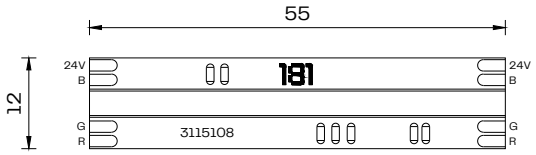
**LED Strip COB**

| | 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 |