# LED Strip Dual Bend   Multi Color RGBW

The LED Strip Dual Bend Multi Color RGBW is engineered for high-impact indoor environments. This specialized lighting solution features a unique dual-bend capability, designed to provide a seamless experience layer of patterns and motion along multi-dimensional paths. The flexible copper PCB and custom length options allow the light to effortlessly follow intricate architectural outlines that require both lateral and vertical flexibility.

Equipped with 4in1 LEDs, it is the ideal choice for enhancing architectural forms with bold light effects and a dedicated 2700K warm white channel for superior color depth. The durable indoor construction offers a reliable, long-term solution in professional commercial and residential settings.

↘ Specialized Dual-Bend Flexibility — Features a unique dual-bend architecture, enabling the strip to navigate complex, three-dimensional architectural forms with ease.

↘ Integrated 4in1 Lighting Spectrum — Combines full RGB color mixing with a dedicated 2700K warm white channel, delivering a versatile balance between vibrant effects and high-quality functional light.

CE    RoHS    IP20

## Specifications

### General

| | |
|---|---|
| Power Consumption (W/m) | 19,2 |
| Input Voltage (V DC) | 24 |
| LEDs (/m) | 70 |
| LED Pitch (mm) | 14,3 |
| Beam Angle (°) | 120 |
| Color Range | RGBW |
| LED Type | 4in1 |
| LEDs (/segment) | 7 |
| CRI | ≥80 |
| Control | PWM |

### Installation Conditions & Lighting Data

| | |
|---|---|
| Segment Length (mm) | 100 |
| Maximum Run Length Power [1] (m) | Single Feed |
| | Double Feed |
| Lumen Maintenance Calculated Hours (h) | L80 @ 85 °C (LM80-15) Reported 36,000, Calculated 90,000 |

[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) | 10 (30) x 2,2 (10) |
| Length (mm) | 5000 (Custom on Request) |

## Options

### Color/CCT

☐ RGBW2700K

# Lighting Specifications

## LED Strip Dual Bend

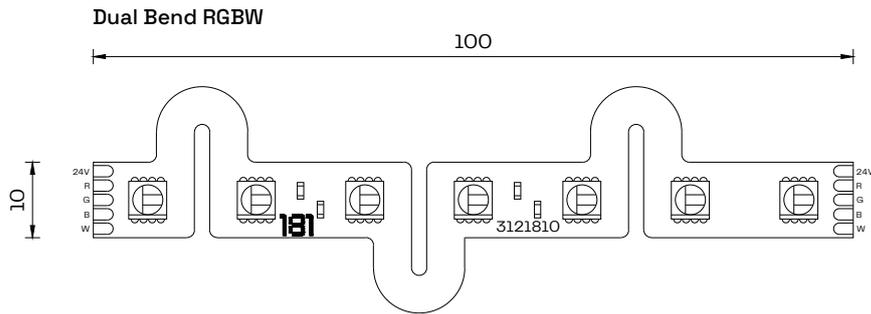| | Full RGBW (lm/m) | Red (lm/m) | Green (lm/m) | Blue (lm/m) | White (lm/m) |
|---|---|---|---|---|---|
| RGBW2700K | | | | | |

# Photometric Distribution

# Dimensions

**Dual Bend RGBW**

# Product References

## LED Strip

| Reference | Description |
| --- | --- |
| 3121810 | LED Strip Dual Bend RGBW2700K |

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