

The DiGi LED Strip Multi Color RGBTW 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 5in1 LED type, it is the ideal choice for enhancing architectural forms with bold light effects and sophisticated tunable white options. Available in two distinct variants (2200-4000K or 2400-5500K), this modular system provides the versatility required for diverse professional commercial and residential settings.

- Comprehensive RGBTW Spectrum – Features a 5in1 LED combining full RGB color mixing with a tunable white range available in 2200-4000K or 2400-5500K for ultimate atmospheric flexibility.
- Precise Pixel Control – Equipped with 10 individual pixels per meter and 8-bit dimming for accurate light effects and smooth transitions via SPI control.



CE RoHS IP20

Specifications

| General | | |
|-------------------------|-------|----------|
| Power Consumption (W/m) | 20 | |
| Input Voltage (V DC) | 24 | |
| LEDs (/m) | 60 | |
| LED Pitch (mm) | 16,67 | |
| Pixels (/m) | 10 | |
| Pixel Pitch (mm) | 100 | |
| Channels (/m) | 50 | |
| Beam Angle (°) | 120 | |
| LED Type | 5in1 | |
| Color Range | RGBTW | |
| LEDs (/segment) | 6 | |
| CRI | ≥80 | |
| Control | SPI | (WS2805) |
| Dimming | 8 bit | |

| Physical | |
|---------------------|--------------------------|
| PCB Material | Copper |
| Cable Material | PVC |
| PCB Color | White |
| Connector Type | Bare Wires |
| Weight (kg/m) | 0,035 |
| Dimensions WxH (mm) | 12 x 2,2 |
| Length (mm) | 5000 (Custom on Request) |

Options

Color/CCT

- RGBTW2200-4000K
- RGBTW2400-5500K

Installation Conditions & Lighting Data

| | |
|---|----------------------------|
| Segment Length (mm) | 100 |
| Maximum Run Length Power ¹ (m) | Single Feed Double Feed |
| Maximum Run Length Data ¹ (m) | @30fps @50fps |
| 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 |

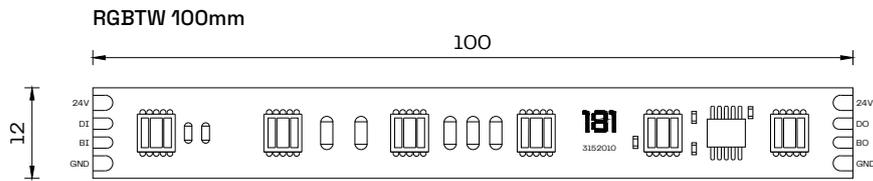
Lighting Specifications

DiGi LED Strip

| | Full RGBTW (lm/m) | Red (lm/m) | Green (lm/m) | Blue (lm/m) | Cold White (lm/m) | Warm White (lm/m) |
|-----------------------|----------------------|---------------|-----------------|----------------|----------------------|----------------------|
| RGBTW2200-4000K 100mm | | | | | | |
| RGBTW2400-5500K 100mm | | | | | | |

Photometric Distribution

Dimensions



Product References

DiGi LED Strip

| Reference | Description |
|-----------|--|
| 3152011 | DiGi LED Strip RGBTW2200-4000K 100mm 24V |
| 3152010 | DiGi LED Strip RGBTW2400-5500K 100mm 24V |