

General | -----

| Length (mm) | 5000 |
|-----------------------|----------------|
| Width (mm) | 12 |
| Height (mm) | 2 |
| Housing Color | Black |
| Housing Material | Copper |
| Mounting | 3M tape |
| Weight (g) | 150 |
| Cutting Interval (mm) | 83.33 |
| Cable Length (cm) | 15 cm |
| Cable Type | H05RN-F3xG0.75 |

Electronics

| Input Voltage | 24 V DC |
|-------------------------|---------|
| Power Consumption (W/m) | 16.8 |
| Power Supply | N/A |
| Luminous Efficacy | 34 lm/W |

Lighting

| Emission | Direct |
|------------------|--------------|
| Optics (°) | 120 |
| LED Type | SMD5050 3in1 |
| LED Quantity /m | 72 |
| LED Spacing (mm) | 13.5 |
| LEDs per Pixel | 6 |
| Pixels /m | 12 |
| Pixel Pitch | 83.33 mm |
| Color Range | RGB |
| Luminous Flux | 570 lm/m |

Control

| Control | SPI |
|--------------------|-------------|
| Compatible ICs | TM1804 |
| Control Units | Multi pixel |
| Number of Channels | 36/m |

Environmental

| Storage Temperature | -40 ~ +80 °C |
|-----------------------|----------------|
| Operating Temperature | -20 ~ +60 °C |
| Ingress Protection | IP20 |
| Safety Standards | EN 62471, |
| | EN 60598-1, |
| | EN 60598-2-20, |
| | EN 62031, |

EN 62493,





CE ROHS IP20 2 year warranty

Disclaimer

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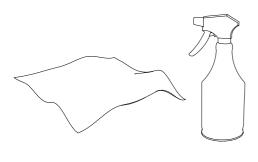


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Important:

- Make sure power is disconnected during installation or maintenance
- Do not light up the strip when it's on the reel
- Keep cables and the LEDstrip protected from sharp objects to prevent damage
- Do not fix the LEDstrip onto wood or powdercoated material
- Align polarity when connecting the LEDstrip
- Do not twist, bend or fold the LEDstrip at sharp edges

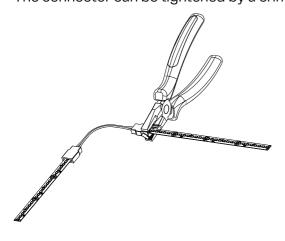
1. Prepare the mounting surface by removing dirt, debris or moisture.



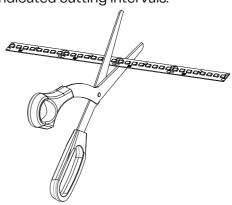
3. Remove the backing by peeling it off.



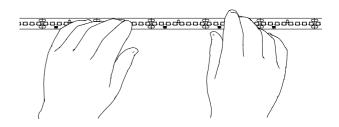
5.
When using the cable connector, make sure the connector is properly connected to the strip.
The connector can be tightened by a crimping tool.



The LEDstrip can be cut to size at the indicated cutting intervals.



4. Fix onto the surface by gently pushing the LEDstrip. Make sure no air pockets will form underneath the LEDstrip.



Tips: Use 3M Primer on the mounting surface for better bonding.

Before powering the system, check if all polarities are aligned.

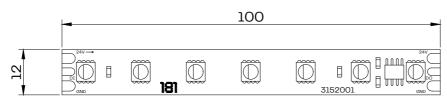
It's always recommended to solder the cables.

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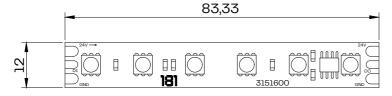
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DiGi LEDstrip RGBW 100mm

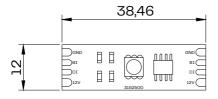
SCALE 1:1





DiGi LEDstrip RGB 83mm

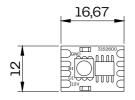
SCALE 1:1





DiGi LEDstrip RGB 38mm

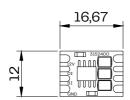
SCALE 1:1





DiGi LEDstrip RGB 16mm

SCALE 1:1





DiGi LEDstrip AmberDrift

SCALE 1:1

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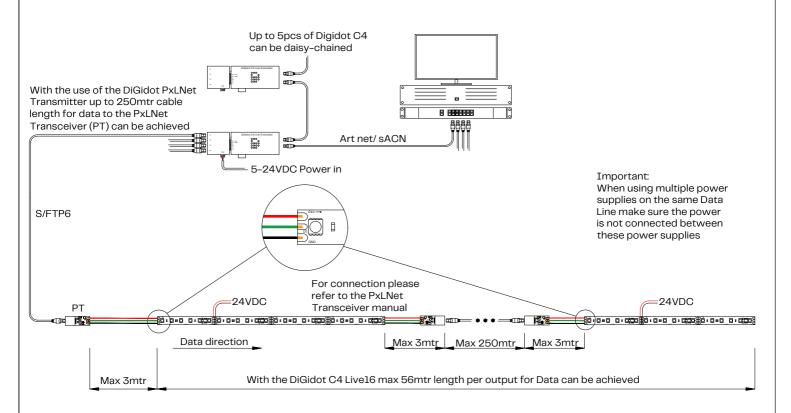
DiGi LEDstrip RGB 83mm 24V System diagram **Basic** Cable connection Black GND Green SPT Red +24VDC Data direction Max 3mtr Max 7.5mtr when powered from the beginning (If longer see advanced) When connecting a strip on the same data and power line with cable in between, make sure all 3 wires are connected (max 3mtr, if longer see advanced) 24VDC=

RO:0-0 0:00000000000 0:00000

Max 15mtr when powered from the middle

Advanced

Max 3mtr



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Data direction

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