



General

|                       |                |
|-----------------------|----------------|
| Length (mm)           | 5000           |
| Width (mm)            | 12             |
| Height (mm)           | 2              |
| Housing Color         | Black          |
| Housing Material      | Copper         |
| Mounting              | 3M tape        |
| Weight (g)            | 160            |
| Cutting Interval (mm) | 38.46          |
| Cable Length (cm)     | 15 cm          |
| Cable Type            | H05RN-F3xG0.75 |

Electronics

|                         |                         |
|-------------------------|-------------------------|
| Input Voltage           | 12 V DC                 |
| Power Consumption (W/m) | 6.5                     |
| Power Supply            | External (not included) |

Lighting

|                  |              |
|------------------|--------------|
| Emission         | Direct       |
| Optics (°)       | 120          |
| LED Type         | SMD5050 3in1 |
| LED Quantity /m  | 26           |
| LED Spacing (mm) | 38.46        |
| LEDs per Pixel   | 1            |
| Pixels /m        | 26           |
| Pixel Pitch      | 38.46 mm     |
| Color Range      | RGB          |
| Luminous Flux    | 170 lm/m     |

Control

|                    |             |
|--------------------|-------------|
| Control            | SPI         |
| Compatible ICs     | GS8208      |
| Control Units      | Multi pixel |
| Number of Channels | 78/m        |

Environmental

|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| Storage Temperature   | -40 ~ +80 °C                                                         |
| Operating Temperature | -20 ~ +60 °C                                                         |
| Ingress Protection    | IP20                                                                 |
| Safety Standards      | EN 62471,<br>EN 60598-1,<br>EN 60598-2-20,<br>EN 62031,<br>EN 62493, |

CE

RoHS

COMPLIANT

IP20

2 year warranty

Disclaimer

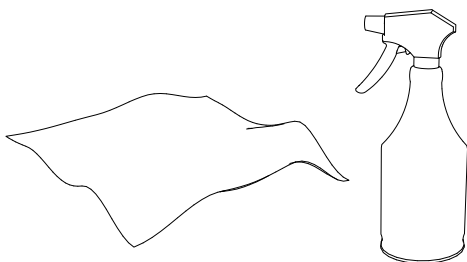
Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.

## 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

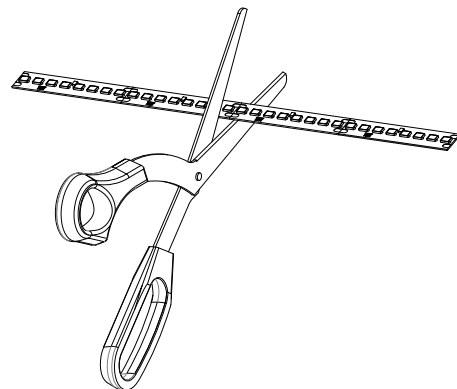
1.

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



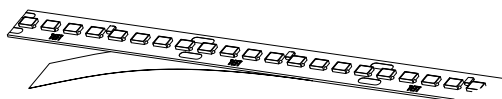
2.

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



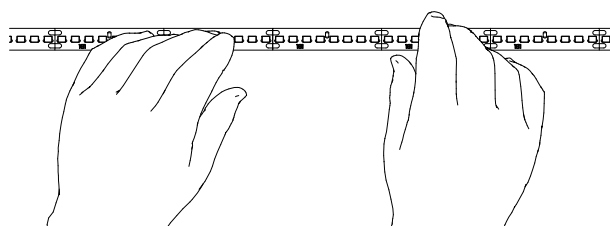
3.

Remove the backing by peeling it off.



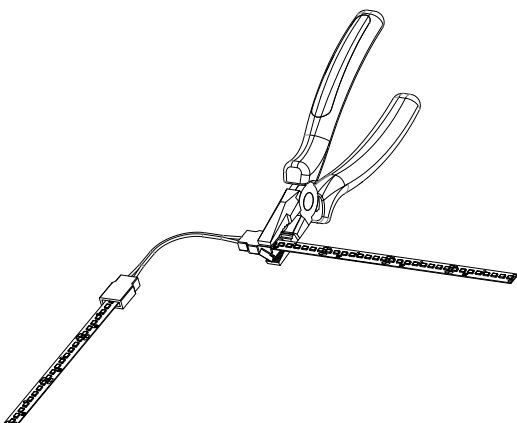
4.

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



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.



## Tips:

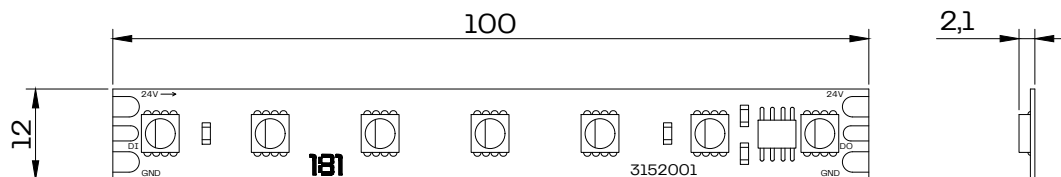
Use 3M Primer on the mounting surface for better bonding.

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

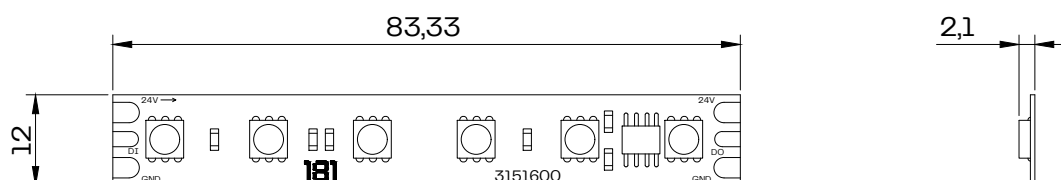
It's always recommended to solder the cables.

## Disclaimer

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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

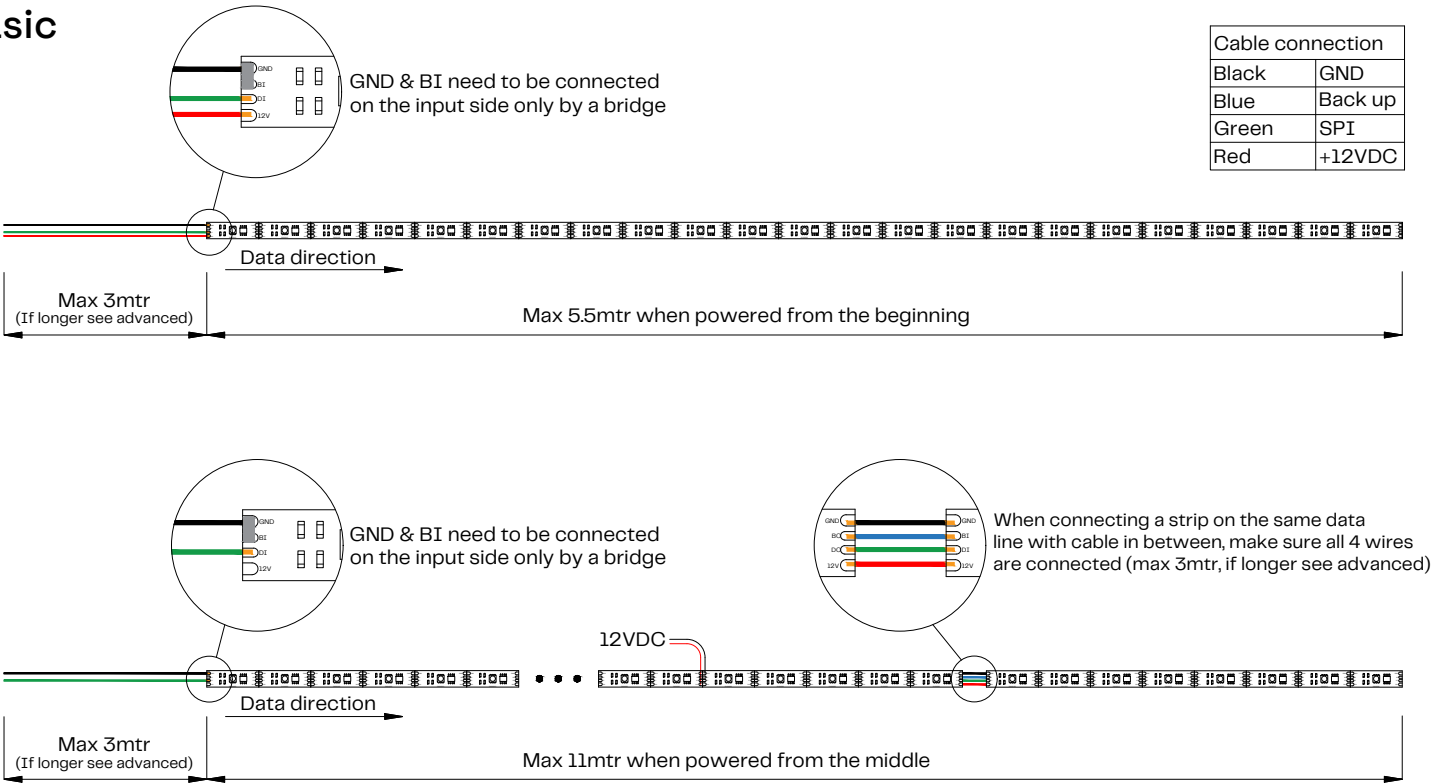
**DiGi LEDstrip AmberDrift**

SCALE 1:1

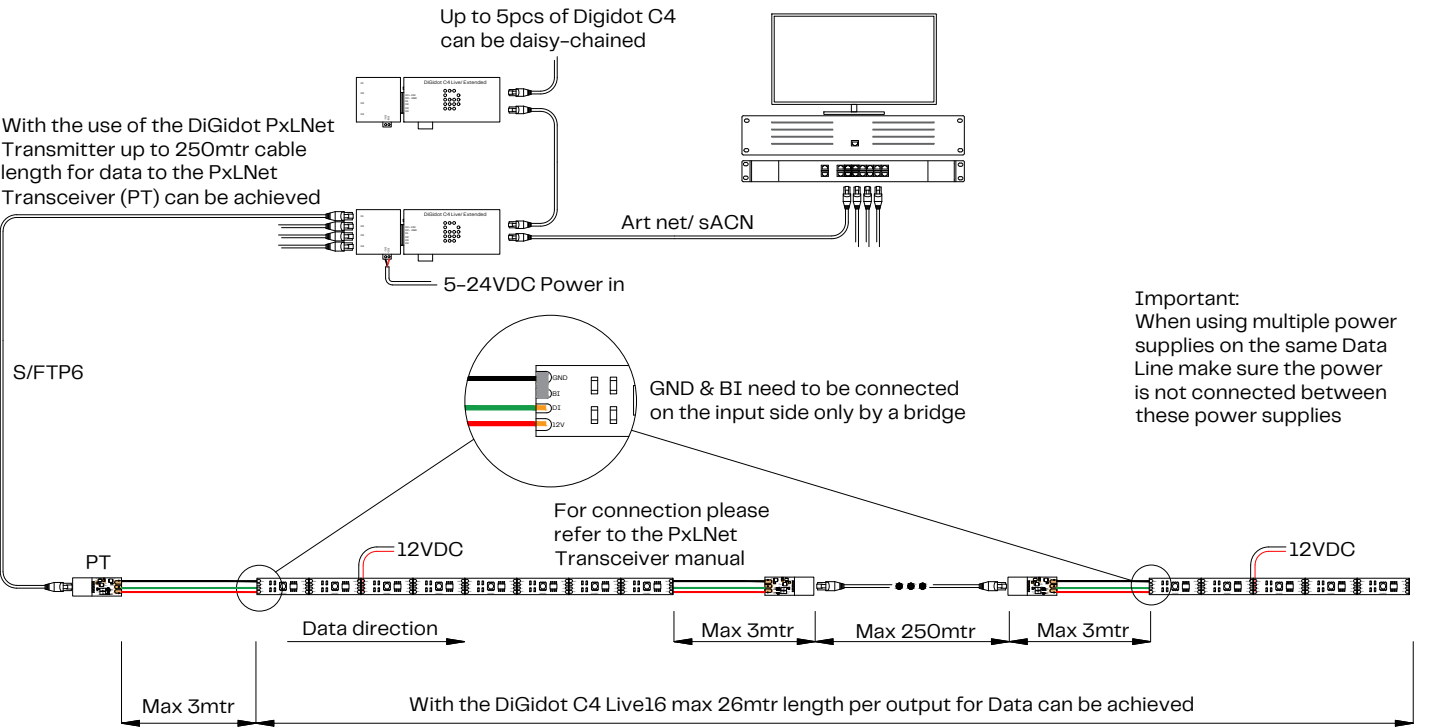
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Basic



Advanced



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