

LED Strip 5m COB



General

Length (mm)	5000
Width (mm)	8
Height (mm)	2
Housing Color	White
Housing Material	Copper
Mounting	3M tape
Cutting Interval (mm)	62.5
Cable Length (cm)	15 cm

Electronics

Input Voltage	24 V DC
Power Consumption (W/m)	11
Power Supply	External (not included)

Lighting

Emission	Direct
Optics (°)	180
LED Type	COB
LED Quantity /m	512
LED Spacing (mm)	1.95
Color Range	White
Colour Rendering Index (CRI)	? 90

Control

Control	PWM
Control Units	Single pixel
Number of Channels	1

Environmental

Storage Temperature	-20 ~ +65 °C
Operating Temperature	-5 ~ +55 °C
Ingress Protection	IP20
Safety Standards	IEC 62471, EN 62031, EN 60598-1,
Enclosure	IEC 60529



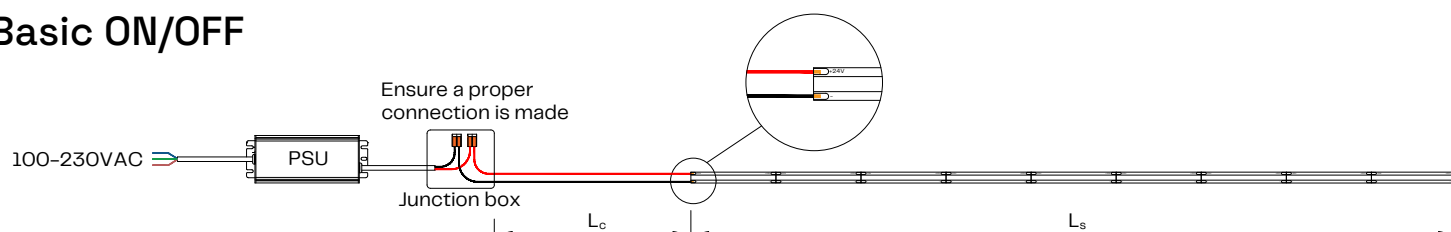
IP20 5 year warranty

Disclaimer

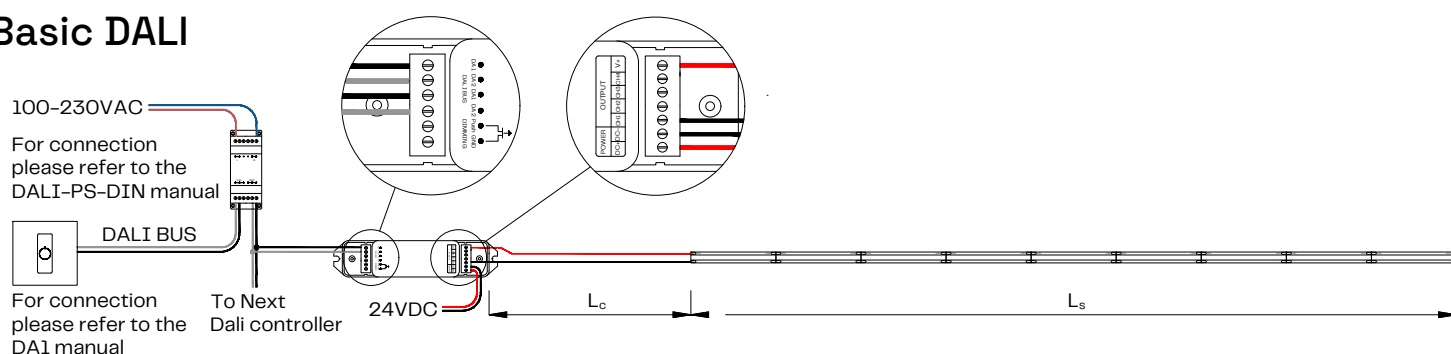
Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document 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.



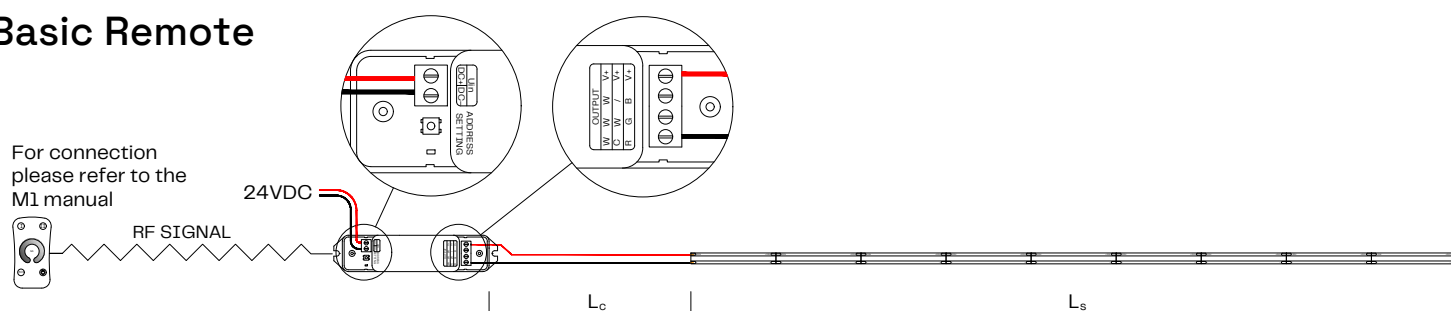
Basic ON/OFF



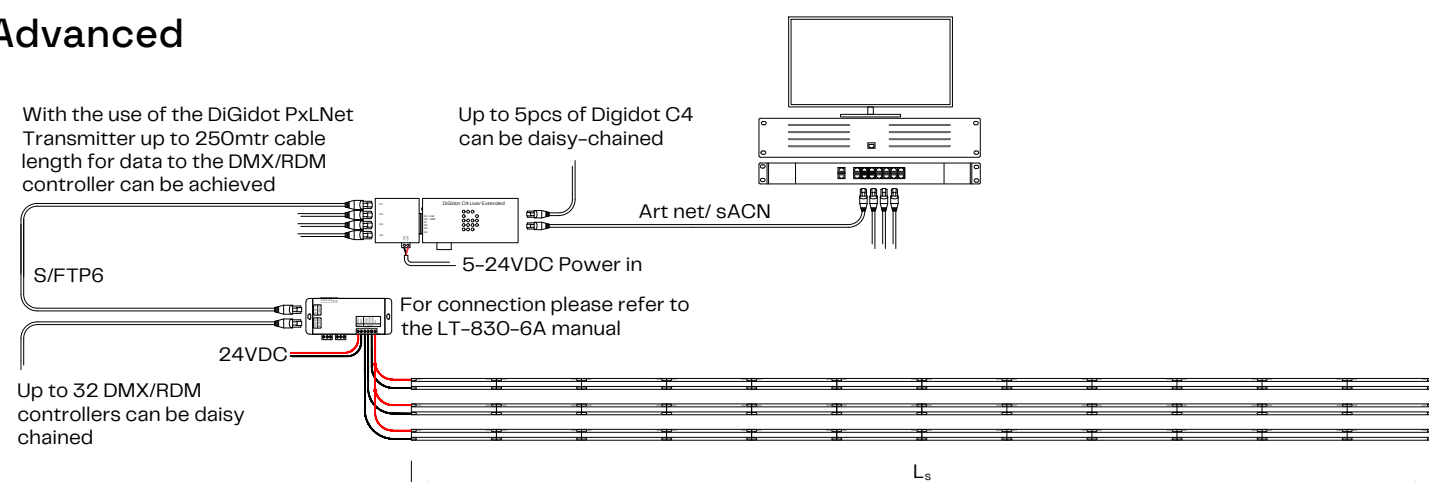
Basic DALI



Basic Remote



Advanced



Disclaimer

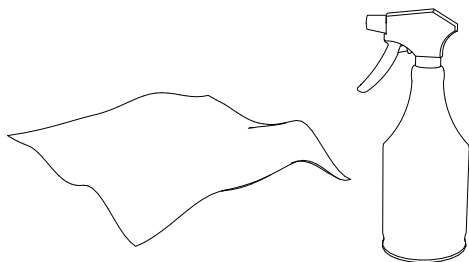
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Important:

- 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

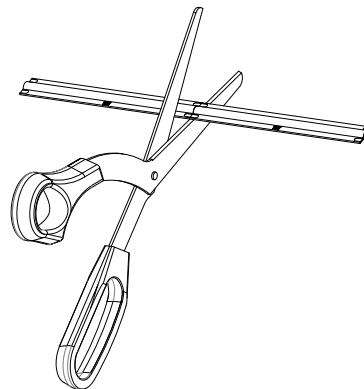
1.

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



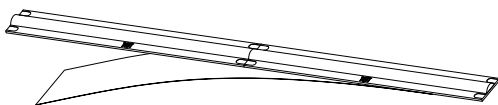
2.

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



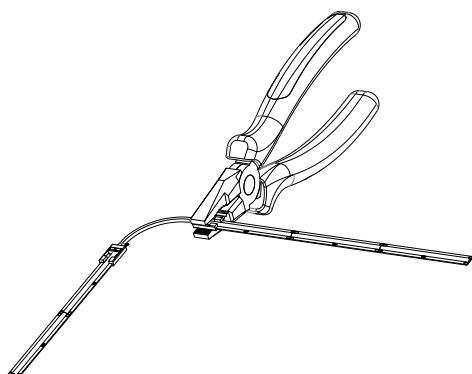
3.

Remove the backing by peeling it off.



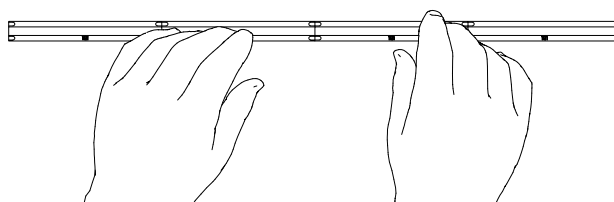
5.

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



4.

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



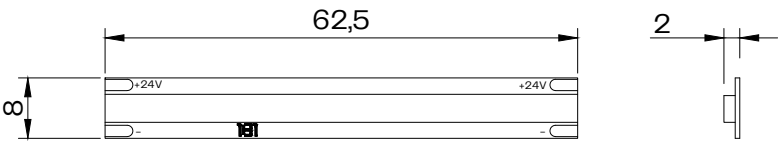
Tips:

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

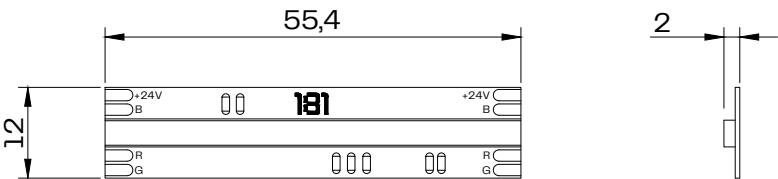
Before powering the system, check if all polarities are aligned.

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311510X LEDstrip COB
SCALE 1:1



3115108 LEDstrip COB RGB
SCALE 1:1

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