DiGi LED Strip 5m Amber Drift 16mm 12V

3152400



General		
Length (mm)	5000	
Width (mm)	12	
Height (mm)	2	
Housing Color	White	
Housing Material	Copper	
Mounting	3M tape	
Cutting Interval (mm)	16.66	
Cable Length (cm)	15 cm	
Electronics		
Input Voltage	12 V DC	
Power Consumption (W/m)	14.4	
Power Supply	External (not included)	
Lighting		
Lighting Emission	Direct	
	120	
Optics (°)	SMD2835	
LED Type	180	
LED Quantity /m	16.6	
LED Spacing (mm)	3	
LEDs per Pixel Pixels /m	60	
Pixel Pitch		
	16.66 mm	
Color Range	Tunable White	
Color Temperature (Kelvin)	1600~6500 K	
Luminous Flux	930 lm/m	
Light Sharing	Symmetric	
Control		
Control	SPI	
Compatible ICs	GS8208	
Control Units	Multi pixel	
Number of Channels	180/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,	

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.

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CE ROHS IP20 2year warranty

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LEDstrip

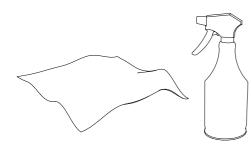
Installation guide

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.



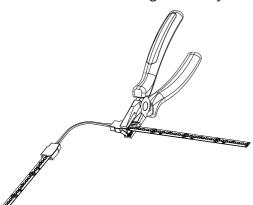
3.

Remove the backing by peeling it off.

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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.



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

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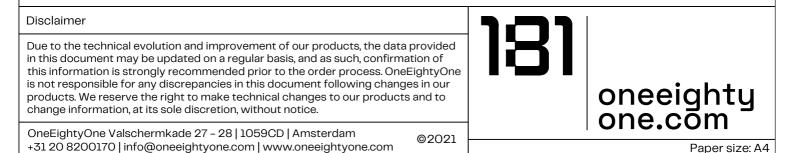
Fix onto the surface by gently pushing the LEDstrip. Make sure no air pockets will form underneath the LEDstrip.

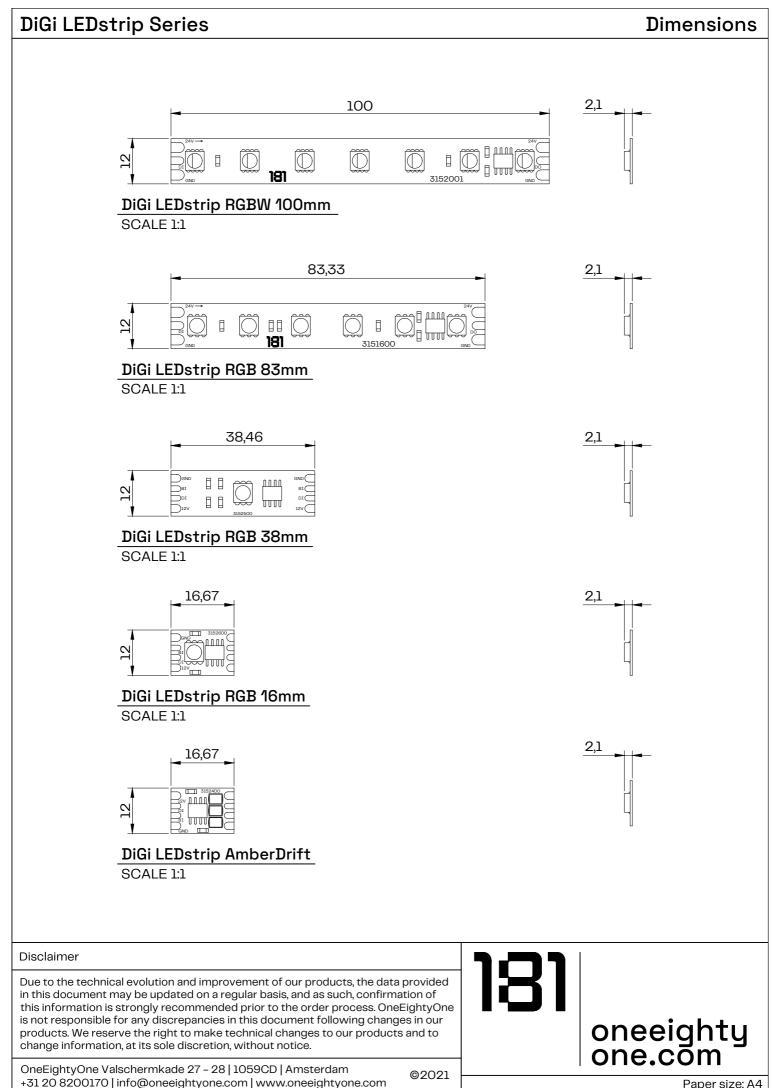
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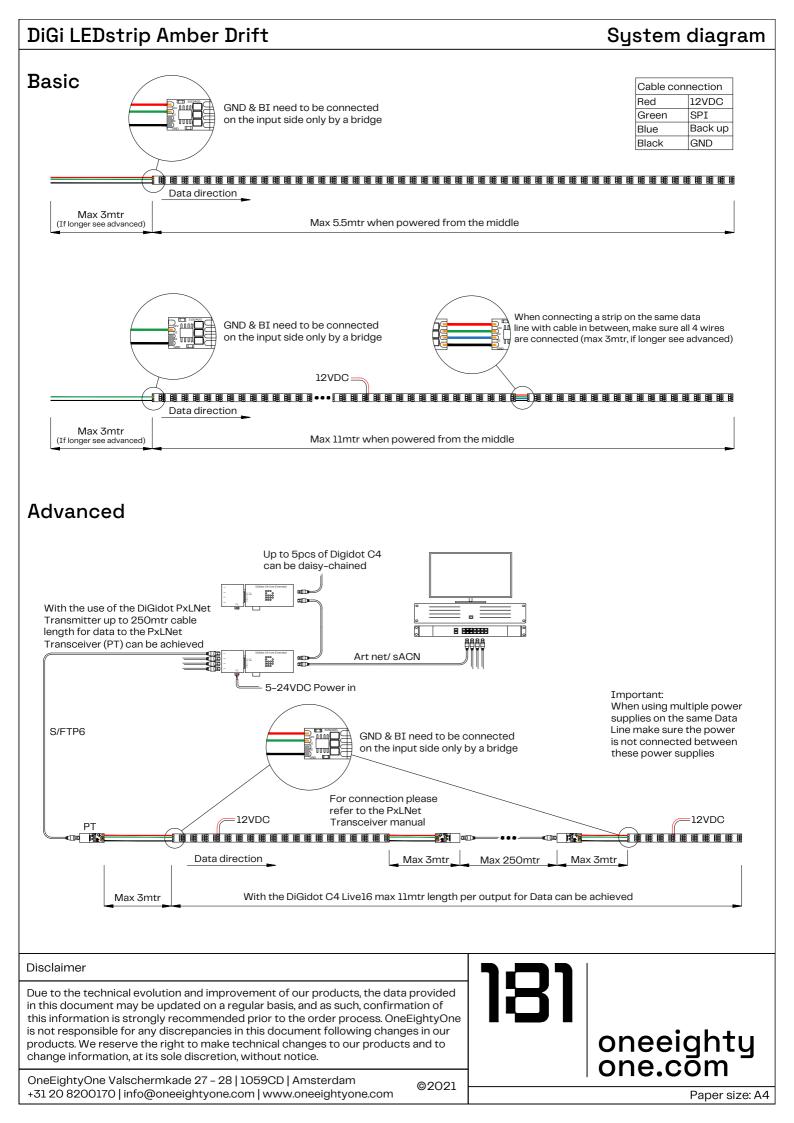
Tips: Use 3M Primer on the mounting surface for better bonding.

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

It's always recommended to solder the cables.







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DiGi LED Strip Amber Drift 16mm 12V

Control every LED with SPI technology, enabling precise adjustments and flexibility in your lighting design. With control every 16mm, achieve the perfect balance of detail and efficiency, ensuring your lighting solution meets your exact specifications. Unlock the full potential of our DiGi products with the DiGidot C4 controller. Seamlessly control and synchronize your DiGi Strip with ease, allowing for effortless customization and stunning lighting effects.

Key specifications

Voltage (V)	12V DC	
Power Consumption (w/m)	14.4	
Luminous Flux (lm/m)	930	
Color Range	1600-6500K	
Number of pixels (p/m)	60	
Pixel pitch (mm)	16.67	
Control	SPI	
Cutting interval (mm)	16.67	
ength (m) 5 (customization on r		

CE RoHS IP20

Ordering information

Cable option	Cable Length in CM	
Bare wire		

DiGi Strip Length in CM	

Qty

Related Items



DiGidot C4 Live
DiGidot C4 Live 4 20101
DiGidot C4 Live 8 20102
DiGidot C4 Live 12 20103
DiGidot C4 Live 16 20104
DiGidot C4 Extended
DiGidot C4 Extended DiGidot C4 Extended 1 20201
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DiGidot C4 Extended 1 20201

DiGidot PxLNode

DiGidot PxLNode U96 20820

DiGidot PxLNet Transceiver kit

- DiGidot PxLNet Transceiver kit RJ45-Bus 20341
- DiGidot PxLNet Transceiver kit Screw 203402
- DiGidot PxLNet Transceiver kit Solder 203403



Meanwell Power supply

XLG-1	00-24	8343300	
HLG-	150-24	844070	0
HLG-2	240-24	844160	0
HLG-3	320-24	8442500	

Client: Project Date:



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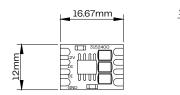
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General specifications

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Operating Voltage	12V DC	
Color range	1600-6500K	
Power Consumption (p/m)	14.4	
Channels (p/m)	180	
LED Quantity (p/m)	60	
Luminous Flux (p/m)	930	
Max Run Single power feed (m)	7.5	
Max Run Double power feed (m)	11	
Max Run Length for data (m)	11	
Pixel Pitch (mm)	16.67	
LB Value	L70B20 50.000H	
Storage Temperature	-40° C to 80° C	
Operating Temperature	-20° C to 60° C	
Connection type	Bare wires (default)	
Ingress Protection	IP20	
Environment	Indoor	
Mounting Option	3М Таре	
Certifications	CE, RoHS	
PCB Color	White	
Weight (5m reel)	170gr	
Dimensions (mm)	5000 x 10 x 2.1	
Warranty	2 Years	

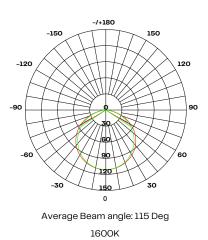
Model	1600K	3000K	6500K
Amber drift	321Lm	294Lm	315Lm

Dimensions



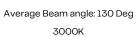


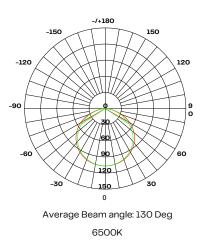
Light distribution



-120

-/+180



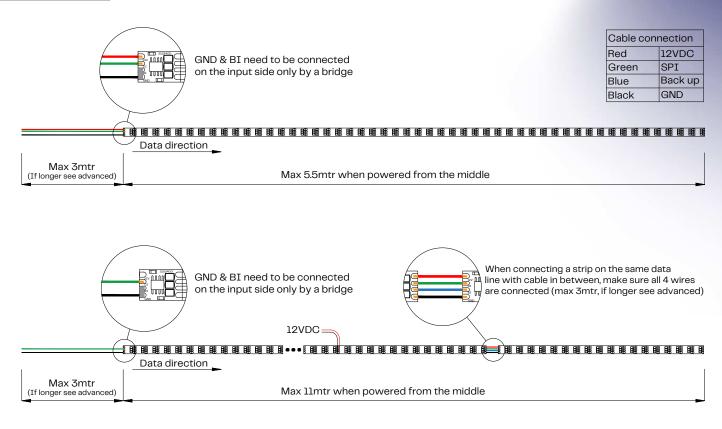


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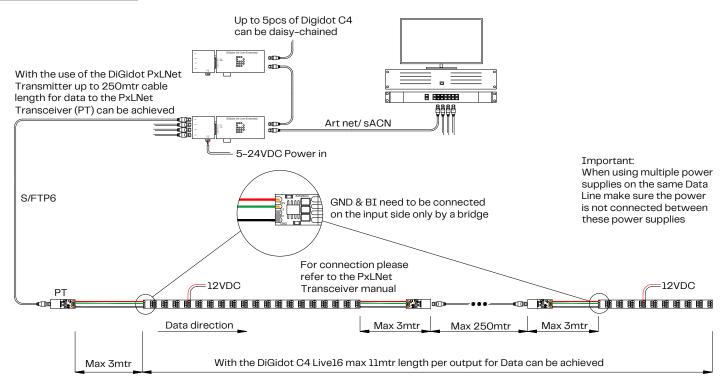
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System diagram basic



System diagram advanced



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Installation guide

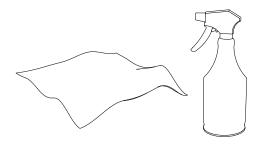
Important note:

- Make sure power is disconnected during installation or maintenance.
- Keep cables and the DiGi Strip protected from sharp objects to prevent damage
- Allign polarity when connecting the DiGi Strip.
- Do not bend or twist the DiGi Strip otherwise as specified below

Tips:

- Before powering the system, check if all polarities are aligned.
- It's recommended to install longer lengths with two persons.
- Use 3M Primer on the mounting surface for better bonding.

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



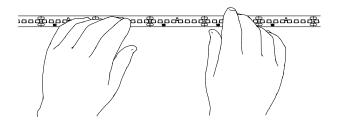
3. Remove the backing by peeling it off.



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

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



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