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
Length (m)	5 (customization on request)

CE RoHS IP20

Ordering information

Cable option	Cable Length in CM	DiGi Strip Length in CM	Qty
☐ Bare wire			

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 1 20201
- ☐ ☐ DiGidot C4 Extended 2 20202
- ☐ ☐ DiGidot C4 Extended 4 20203
- ☐ ☐ DiGidot C4 Extended 8 20204

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

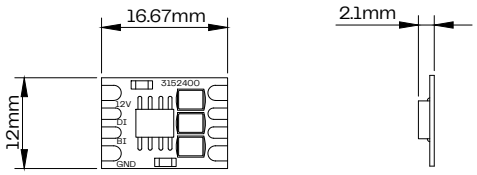
- ☐ ☐ XLG-100-24 8343300
- ☐ ☐ HLG-150-24 8440700
- ☐ ☐ HLG-240-24 8441600
- ☐ ☐ HLG-320-24 8442500

General specifications

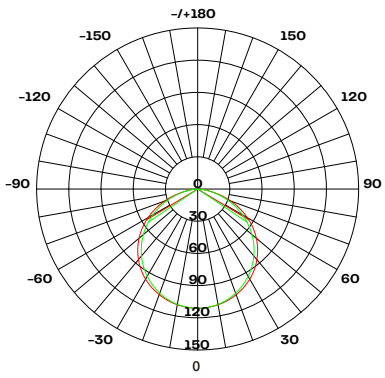
Operating Voltage	12V DC
Color range	1600-6500K
Power Consumption (p/m)	14.4
Channels (p/m)	180
LED Quantity (p/m)	60
Luminous Flux (p/m)	930
Max Run Single power feed (m)	7.5
Max Run Double power feed (m)	11
Max Run Length for data (m)	11
Pixel Pitch (mm)	16.67
LB Value	L70B20 50.000H
Storage Temperature	-40° C to 80° C
Operating Temperature	-20° C to 60° C
Connection type	Bare wires (default)
Ingress Protection	IP20
Environment	Indoor
Mounting Option	3M Tape
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

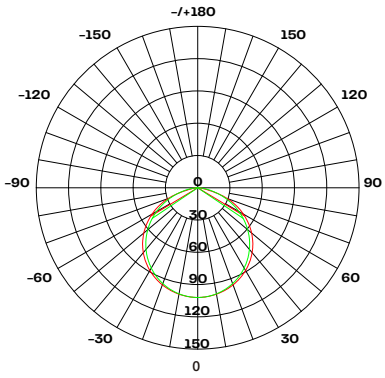


Light distribution



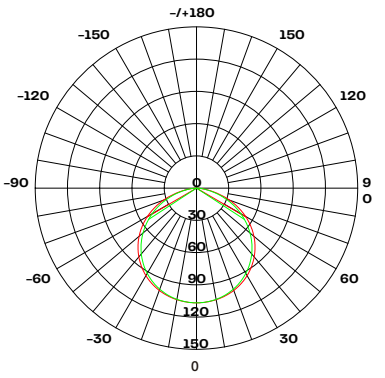
Average Beam angle: 115 Deg

1600K



Average Beam angle: 130 Deg

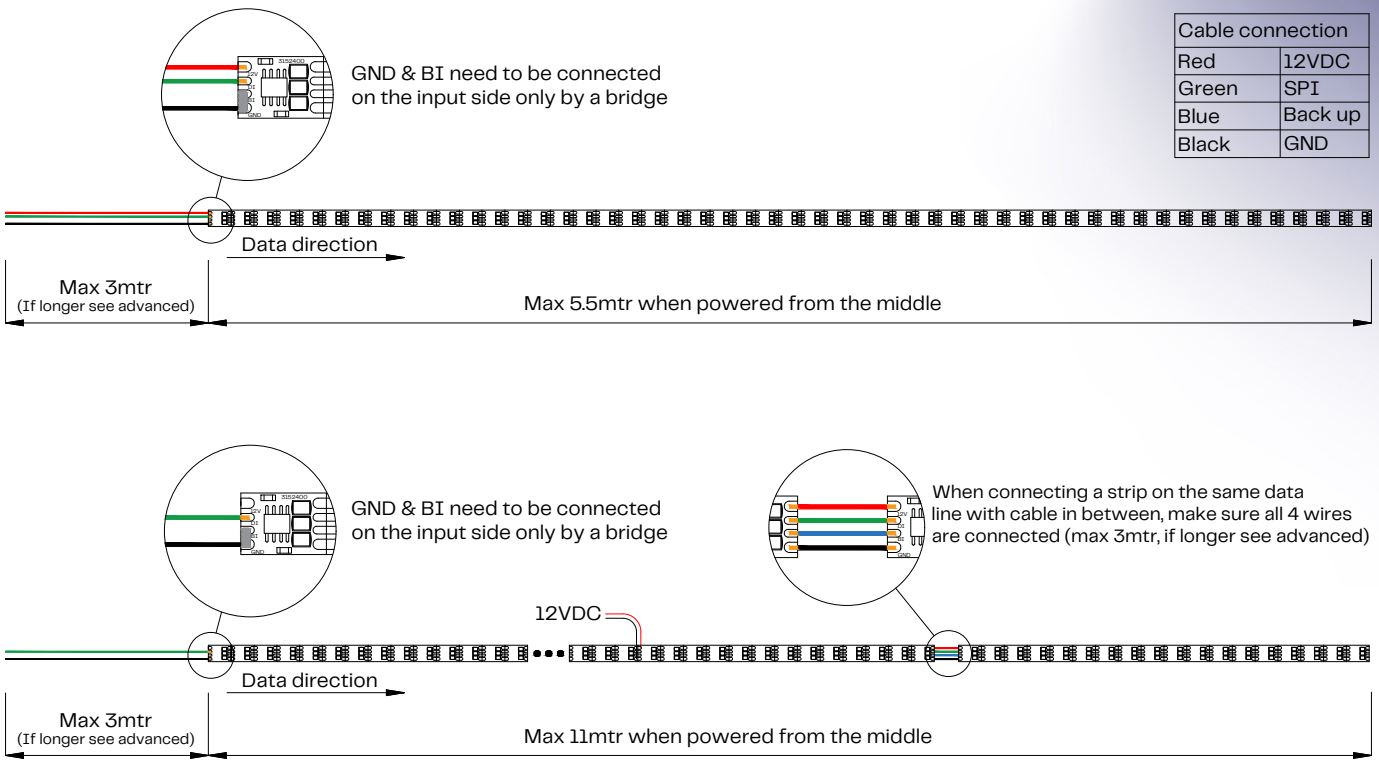
3000K



Average Beam angle: 130 Deg

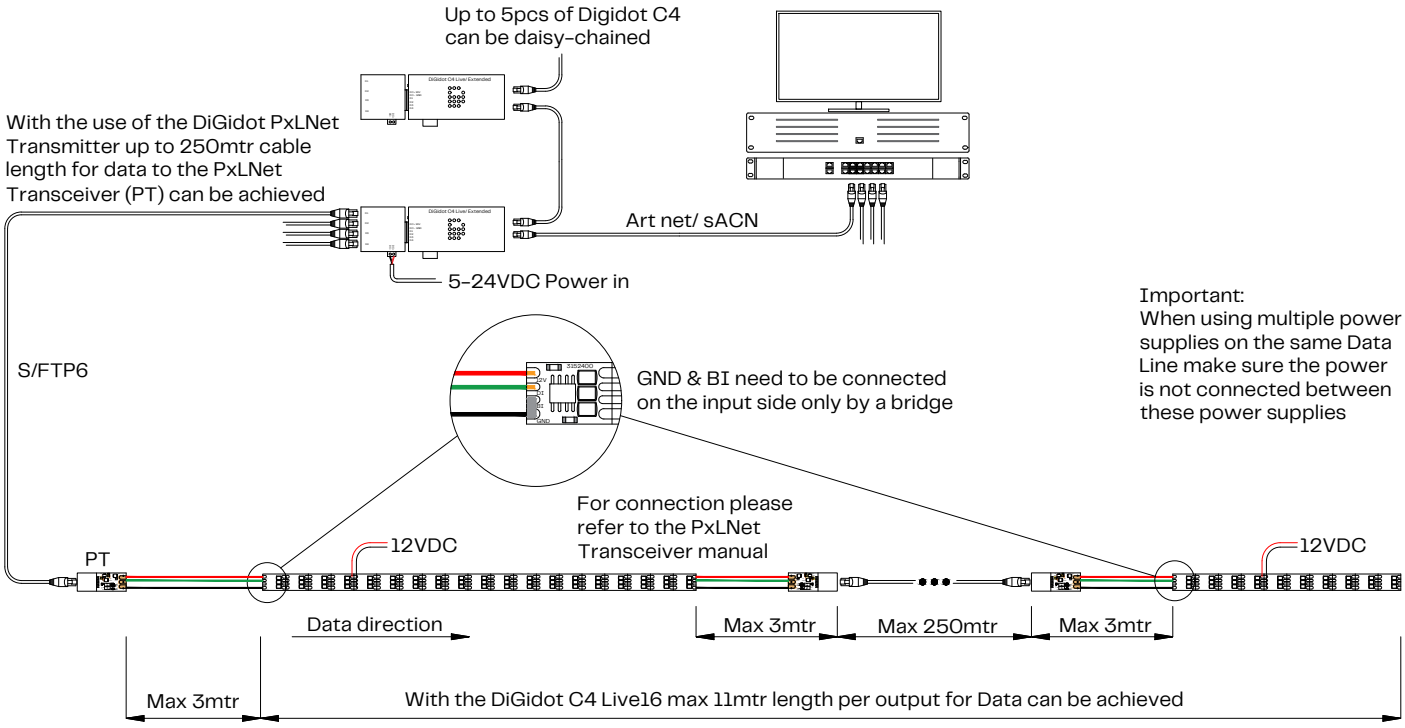
6500K

System diagram basic



Cable connection	
Red	12VDC
Green	SPI
Blue	Back up
Black	GND

System diagram advanced



Installation guide

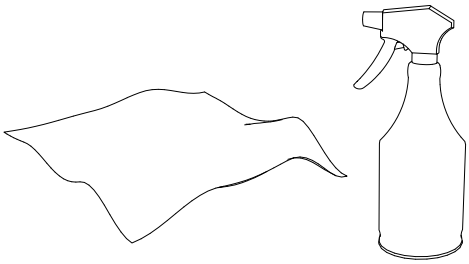
Important note:

- 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

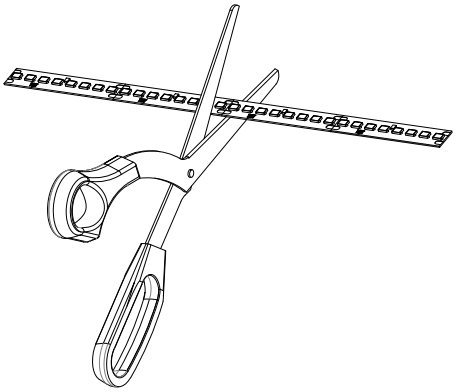
Tips:

- 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.

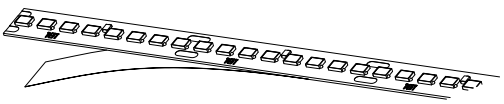
1.
Prepare the mounting surface by removing dirt, debris or moisture.



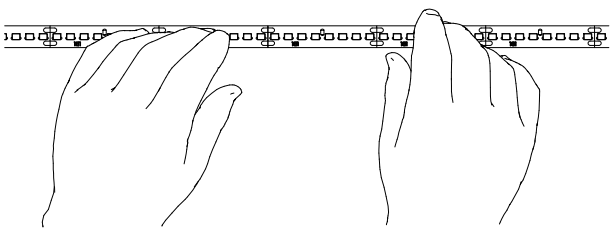
2.
The LEDstrip can be cut to size at the indicated cutting intervals.



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.



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