



General

Length (mm)	5000
Width (mm)	10
Height (mm)	2
Housing Color	White
Housing Material	Copper
Mounting	3M tape
Weight (g)	90
Cutting Interval (mm)	100
Cable Length (cm)	15 cm

Electronics

Input Voltage	24 V DC
Power Consumption (W/m)	14.4
Power Supply	N/A
Energy Class	A
Luminous Efficacy	85 lm/W

Lighting

Emission	Direct
Optics (°)	120
LED Type	SMD2835
LED Quantity /m	70
LED Spacing (mm)	14.3
Color Range	White
Color Temperature (Kelvin)	2400 K
Colour Rendering Index (CRI)	≥ 90
SDCM	3
Luminous Flux	1200 lm/m
TM-21 Projection	L70 @ 85 °C (LM80-08), Reported 36000, Calculated 50000,

Control

Control	PWM
Control Units	Single pixel
Number of Channels	1

Environmental

Storage Temperature	-40 ~ +80 °C
Operating Temperature	-25 ~ +60 °C
Ingress Protection	IP20
Safety Standards	IEC 62471, EN 62031

CE

RoHS

COMPLIANT

UL

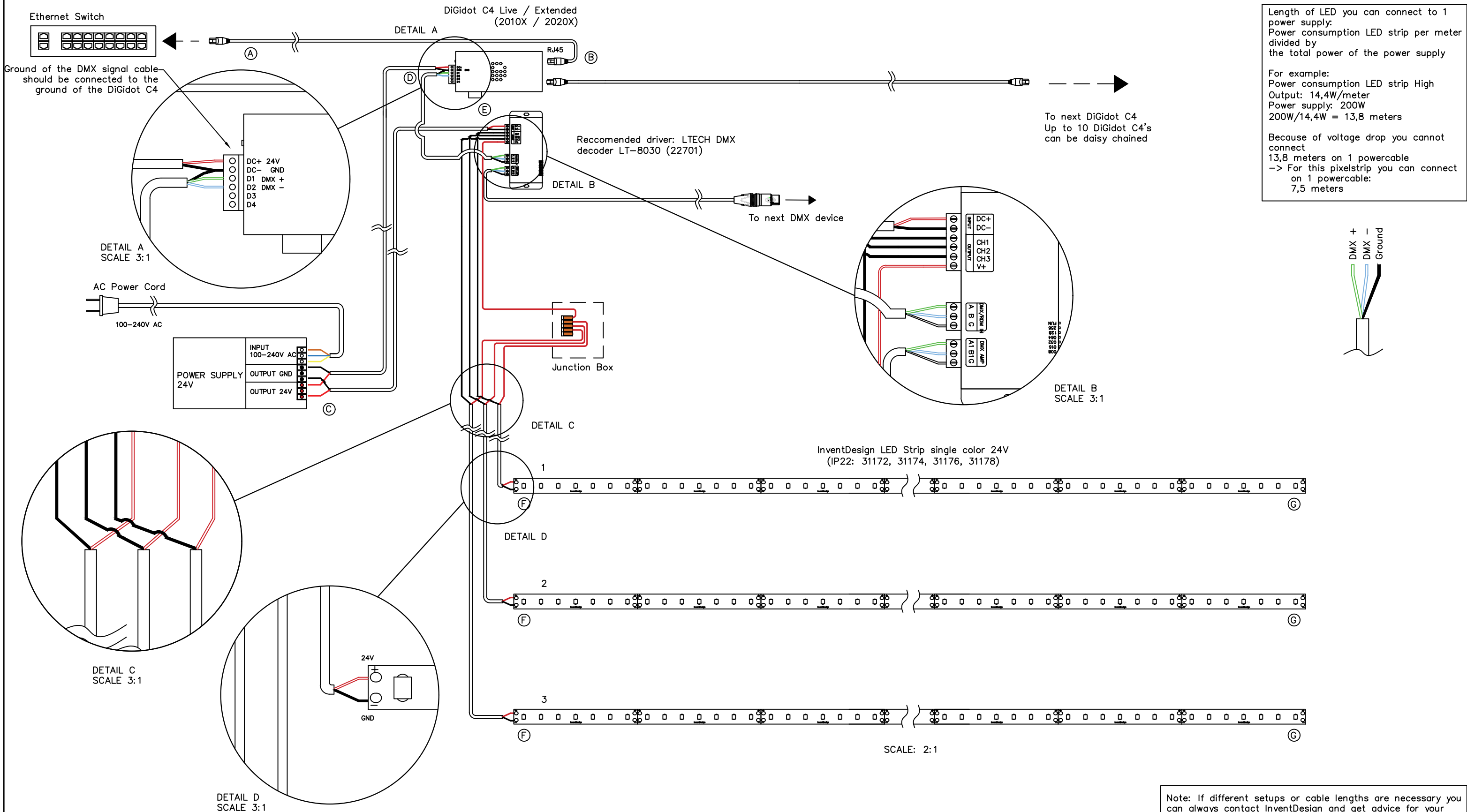
LISTED

IP20

5 year warranty

Disclaimer

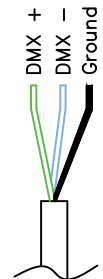
Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document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



Length of LED you can connect to 1 power supply:
Power consumption LED strip per meter divided by the total power of the power supply

For example:
Power consumption LED strip High Output: 14,4W/meter
Power supply: 200W
 $200W/14,4W = 13,8$ meters

Because of voltage drop you cannot connect 13,8 meters on 1 powercable
-> For this pixelstrip you can connect on 1 powercable: 7,5 meters



Cable Coding	
Color	Function
Brown	L
Blue	N
Yellow	PE
Red	V+
Black	GND
Green	DMX +
Light blue	DMX -

Recommended cable lengths		
Maximum length from A to B	100 meters	Cat 6 STP
Maximum length from C to D	5 meters	24V Power Cable 2x1MM2 (70103R)
Maximum length from D to E	100 meters	DMX Cable 110 OHM (70117)
Maximum length from E to F	5 meters	24V Power Cable 2x1MM2 (70103R)
Maximum length from F to G	5 meters	LED Strip

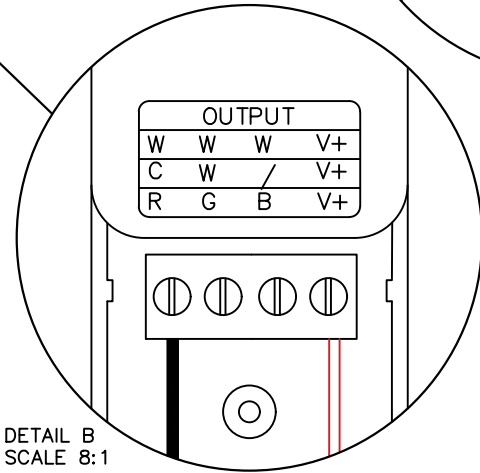
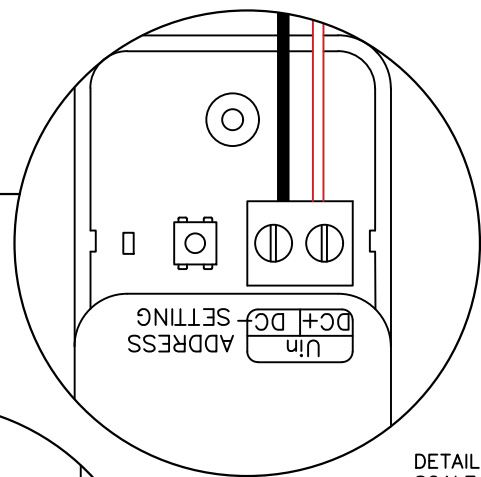
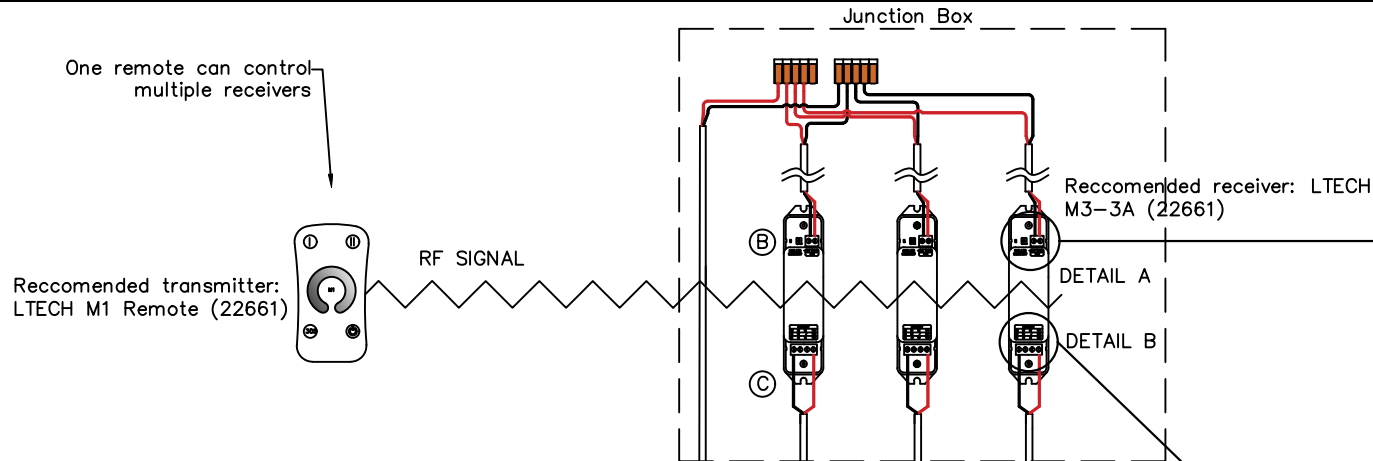
Maximum of 3 channel DMX controllers on 1 DiGidot C4		
C4	Pixels	Article Nr.
Extended 1	170	20201
Extended 2	340	20202
Extended 4	680	20203
Extended 8	1360	20204
Live 4	680	20101
Live 8	1360	20102
Live 12	2040	20103

Note: If different setups or cable lengths are necessary you can always contact InventDesign and get advice for your particular setup

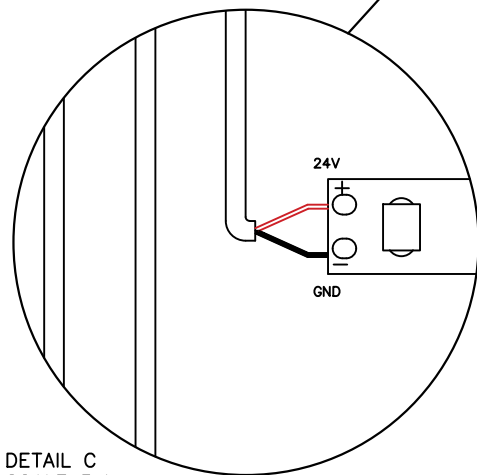
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Products can only be installed by professional installers

A3		NAME	DATE		
	DRAWN		29-5-2018		
	CHK'D				
	REV	1.0	29-5-2018		
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	ADVANCED SETUP			TITLE: WIRING DIAGRAM	
				PRODUCT: LED Strip High Output	
				SCALE: NOT TO SCALE SHEET 1 OF 2	



InventDesign LED Strip single color 24V
(IP22: 31172, 31174, 31176, 31178)



SCALE: 2:1

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Cable Coding

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Red	V+
Black	GND
Green	
Light blue	

Recommended cable lengths

Maximum length from A to B	5 meters	24V Power Cable 2x1MM2 (70103R)
Maximum length from C to D	5 meters	24V Power Cable 2x1MM2 (70103R)
Maximum length from D to E	5 meters	LED Strip

Note: If different setups or cable lengths are necessary you can always contact InventDesign and get advice for your particular setup

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	CHK'D			TITLE: WIRING DIAGRAM
	REV	1.0	29-5-2018	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	BASIC SETUP			PRODUCT: LED Strip High Output
				SCALE: NOT TO SCALE SHEET 1 OF 2