



General

Length (mm)	5000
Width (mm)	12
Height (mm)	5
Housing Color	White
Housing Material	Silicon
Mounting	3M tape
Weight (g)	355
Cutting Interval (mm)	100
Cable Length (cm)	15 cm

Electronics

Input Voltage	24 V DC
Power Consumption (W/m)	12
Power Supply	N/A
Energy Class	A+
Luminous Efficacy	87 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)	5000 K
Colour Rendering Index (CRI)	? 90
SDCM	3
Luminous Flux	1040 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

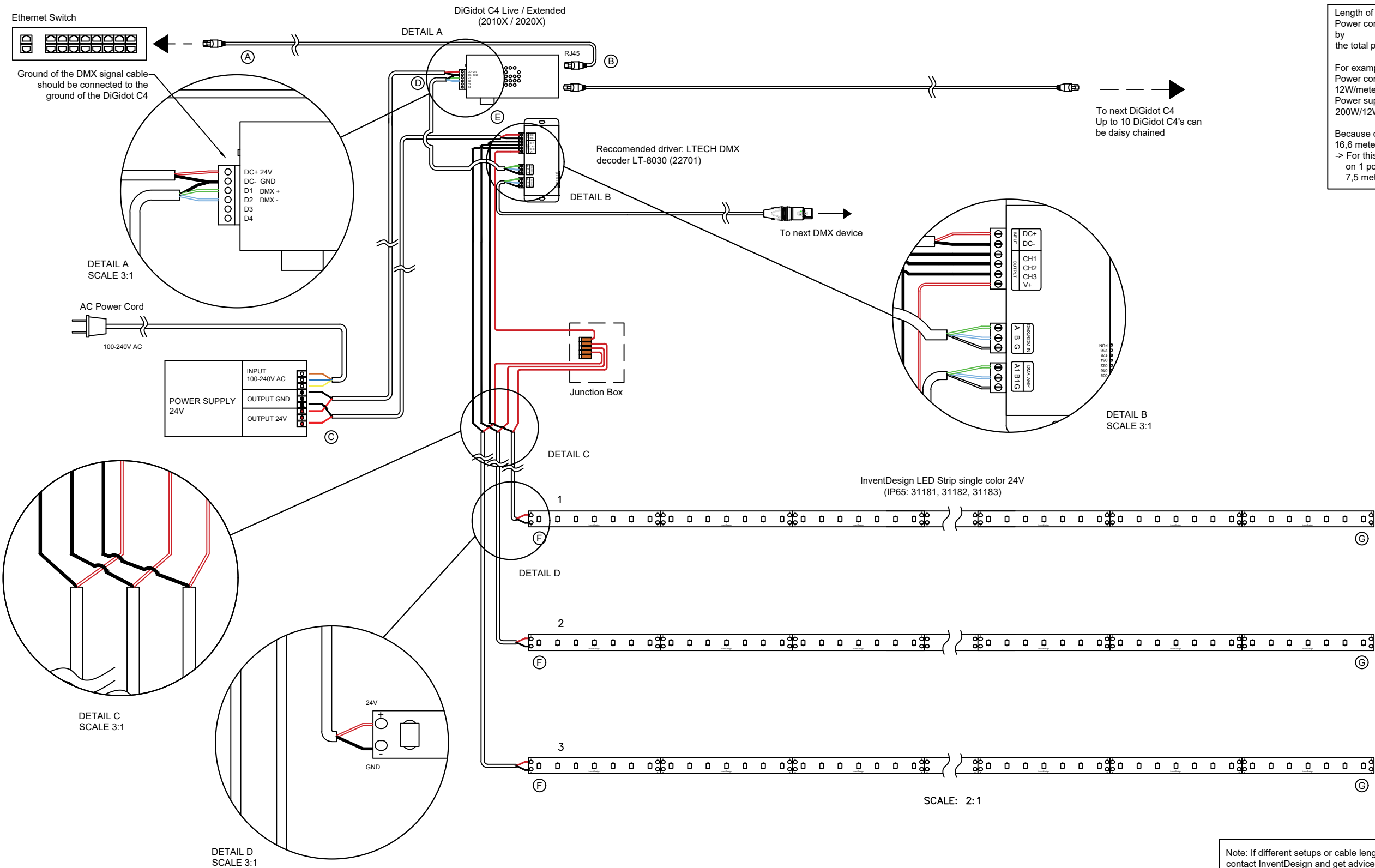
Environmental

Storage Temperature	-40 ~ +80 °C
Operating Temperature	-25 ~ +60 °C
Ingress Protection	IP67
Safety Standards	IEC 62471, EN 62031



Disclaimer

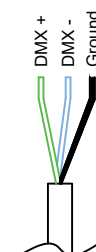
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Length of LED you can connect to 1 power supply:
Power consumption LED strip per meter divided by
the total power of the power supply

For example:
Power consumption LED strip High Output:
12W/meter
Power supply: 200W
200W/12W = 16,6 meters

Because of voltage drop you cannot connect
16,6 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	6 meters	LED Strip

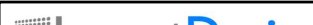
Maximum of 3 channel DMX controllers
on 1 DiGidot C4

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

Disclaimer: No rights can be derived from the information provided on this
sheet

Products can only be installed by professional installers

A3		NAME	DATE		
	DRAWN		29-5-2018		
	CHK'D			TITLE: WIRING DIAGRAM	
	REV	1.0	29-5-2018		
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	ADVANCED SETUP			PRODUCT: LED Strip IP65	
				SCALE: NOT TO SCALE SHEET 2 OF 2	

