



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	79 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)	6500 K
Colour Rendering Index (CRI)	? 90
SDCM	3
Luminous Flux	1140 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	EN 62031, IEC 62471

CE

RoHS

COMPLIANT

C

UL

US

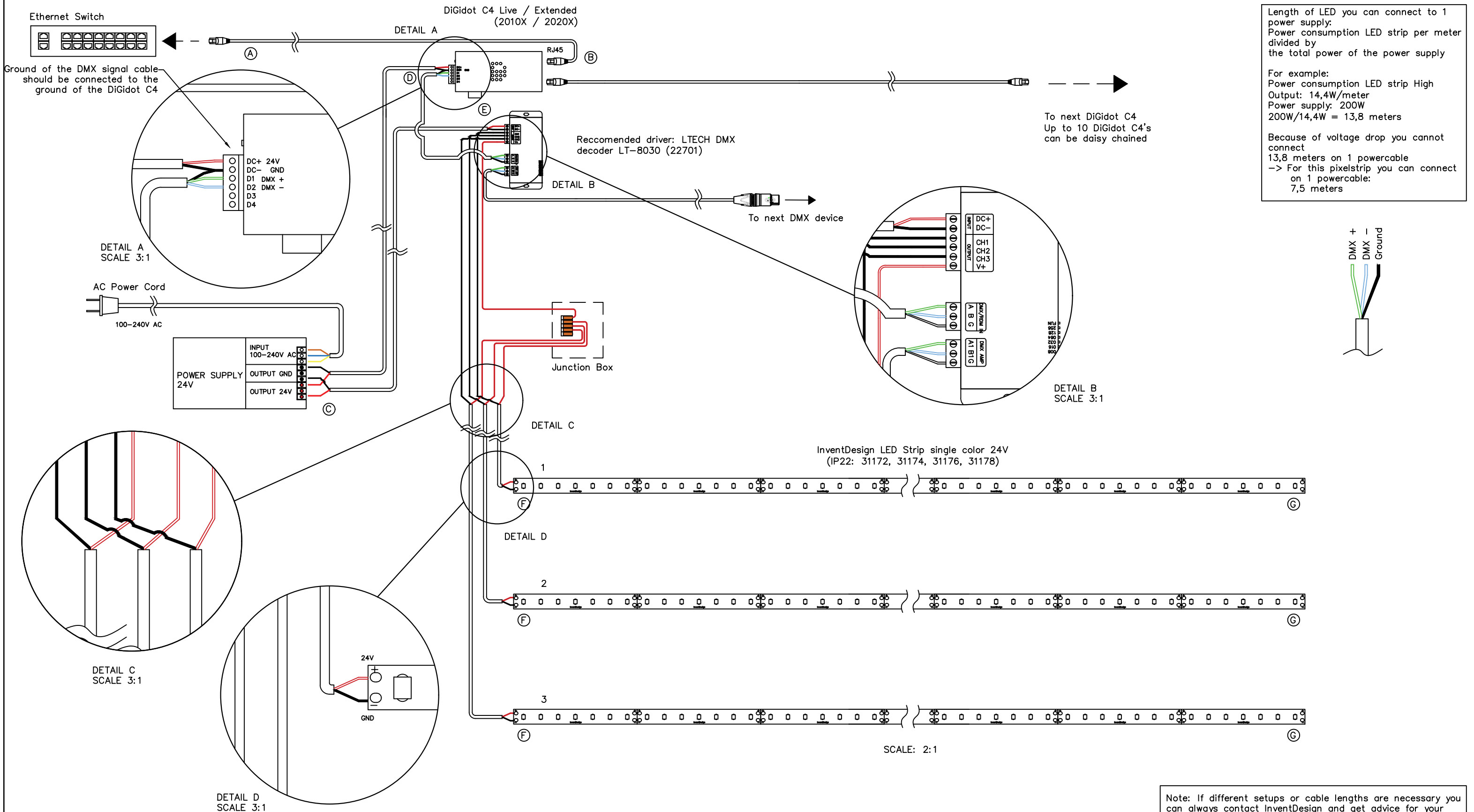
LISTED

IP20

5 year warranty

Disclaimer

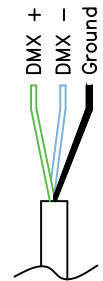
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Length of LED you can connect to 1 power supply:
Power consumption LED strip per meter divided by the total power of the power supply

For example:
Power consumption LED strip High Output: 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

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

Products can only be installed by professional installers

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

