LED Strip 5m High Output 6500K



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			
	24 V DC		
Input Voltage	14.4		
Power Consumption (W/m)	14.4 N/A		
Power Supply	A		
Energy Class	A 79 lm/W		
Luminous Efficacy			
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,		
	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		



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.

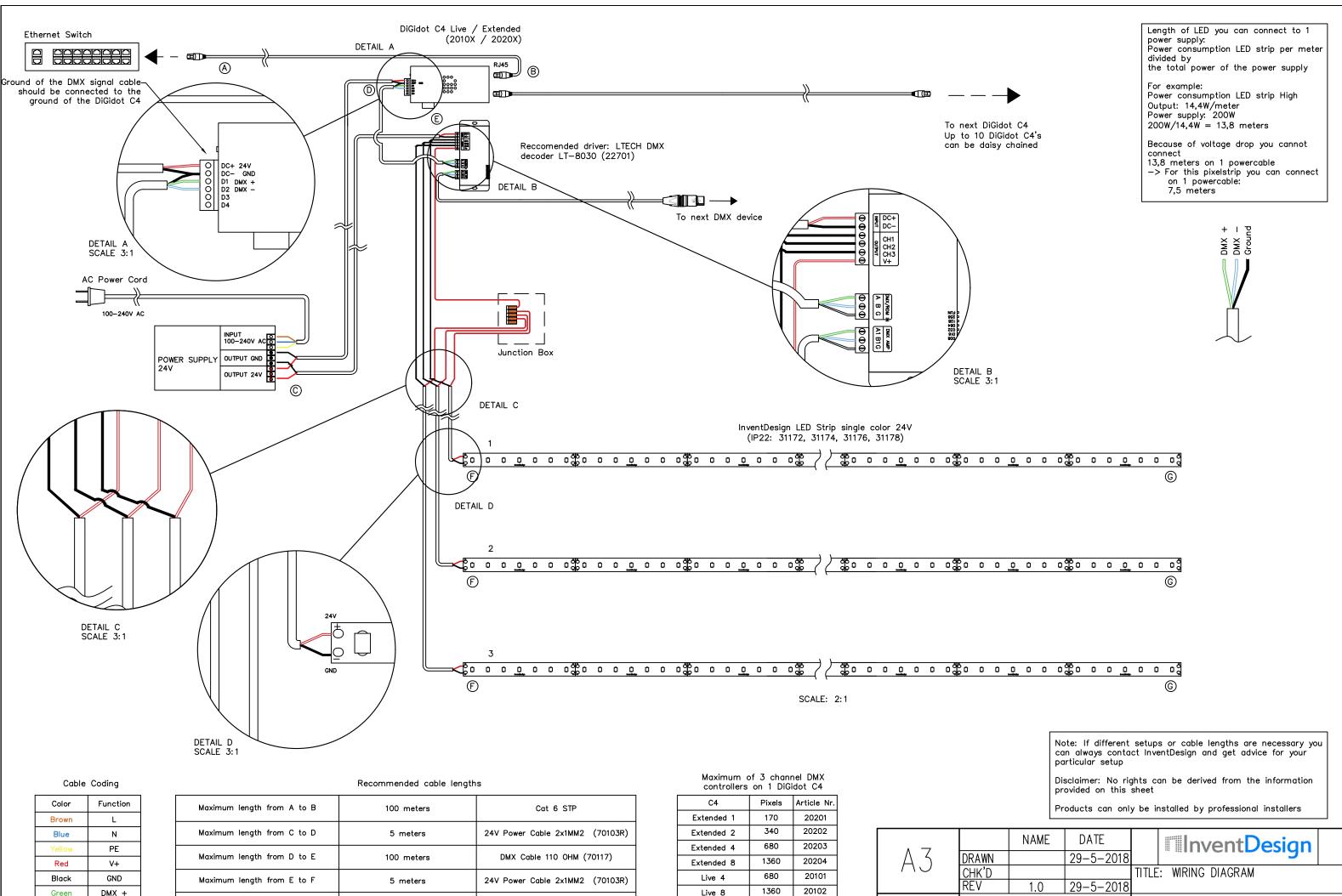
 $|\mathbf{R}|$

3117200

one.com Paper size: A4

oneeighty

OneEightyOne Valschermkade 27 - 28 | 1059CD | Amsterdam +31 20 8200170 | info@oneeightyone.com | www.oneeightyone.com



Co	olor	Function
Br	own	L
В	ue	N
Ye	llow	PE
R	ed	V+
BI	ack	GND
Gr	een	DMX +
Light	blue	DMX —
-		•

100 meters	Cat 6 STP
5 meters	24V Power Cable 2x1MM2 (70103R)
100 meters	DMX Cable 110 OHM (70117)
5 meters	24V Power Cable 2x1MM2 (70103R)
5 meters	LED Strip
	100 meters 5 meters 100 meters 5 meters 5 meters

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	
	1700		

2040

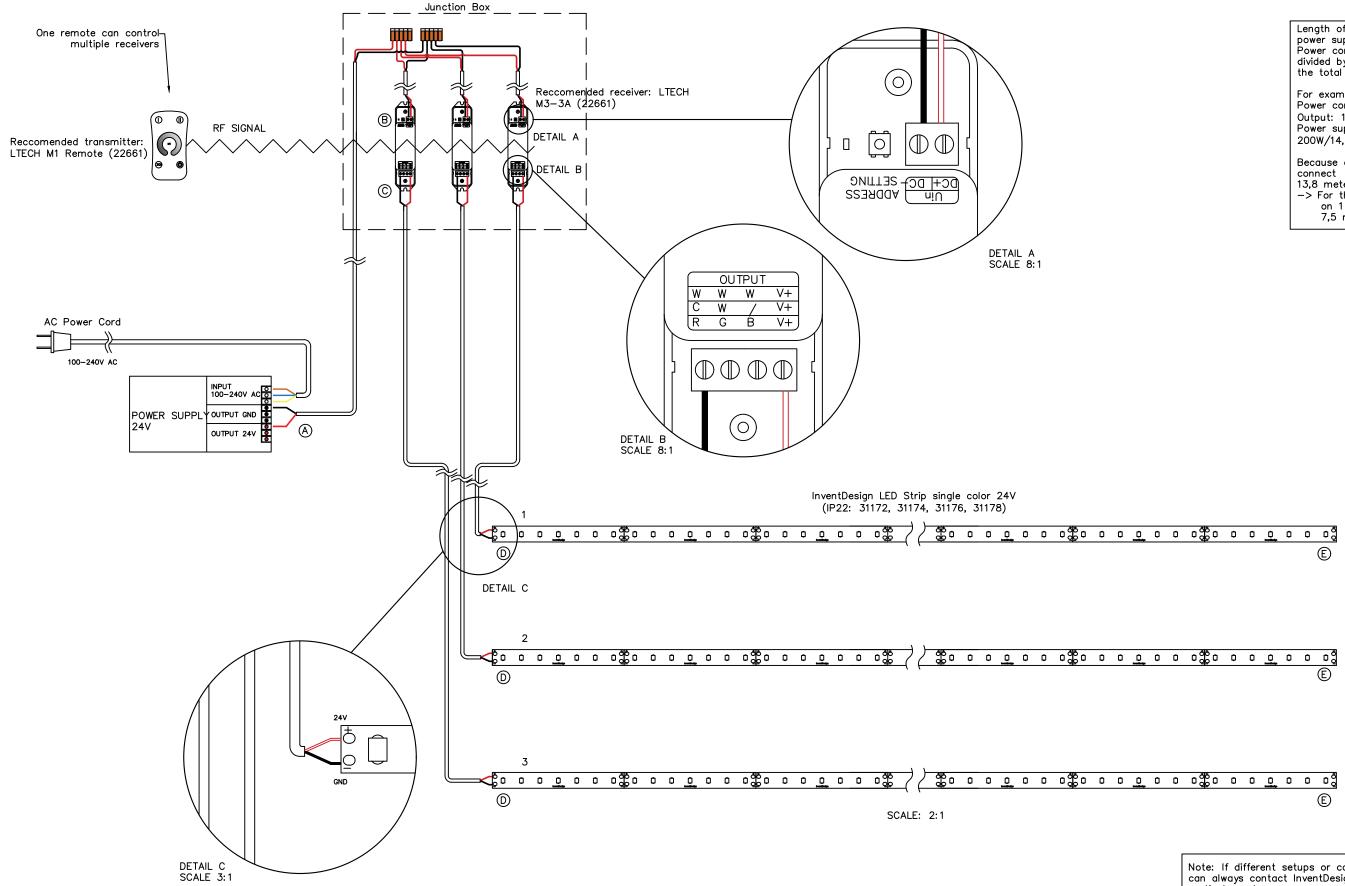
Live 12

20103

× ¬		
A3	DRAWN CHK'D	
	REV	
unless otherwise specified: dimensions are in millimeters	ADVANCE	D

SETUP

PRODUCT: LED Strip High Output SCALE: NOT TO SCALE SHEET 1 OF 2



Cable Coding

Color

Brown Blue

Red

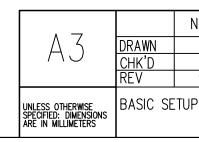
Black

Green

_ight blue

Recommended cable lengths

Function			
L	Maximum length from A to B	5 meters	24V Power Cable 2x1MM2 (70103R)
N			
PE	Maximum length from C to D	5 meters	24V Power Cable 2x1MM2 (70103R)
V+	Maximum length from C to D	5 meters	
GND			
	Maximum length from D to E	5 meters	LED Strip



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

 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

 NAME
 DATE

 29-5-2018
 IITLE:

 IITLE:
 WIRING DIAGRAM

 1.0
 29-5-2018

 JP
 PRODUCT:

SCALE: NOT TO SCALE SHEET 1 OF 2