



General

Dimensions (mm)	1000 x 22 x 21
Cover	None
Housing Color	Grey
Housing Material	Aluminum
Mounting	Clip with screw mounting
Weight (g)	1050
Connector	M12 - 3 pin

Electronics

Input Voltage	24 V DC
Power Consumption (W/m)	18
Power Supply	N/A

Lighting

Emission	Direct
Optics (°)	120
LED Type	Cree SMD3535
LED Quantity /m	72
LED Spacing (mm)	13.5
LEDs per Pixel	6
Pixel Pitch	80.5 mm
Color Range	RGB
Luminous Flux	652 lm/m

Control

Control	SPI
Dimming Range	8 bit
Control Units	Multi pixel
Number of Channels	36

Environmental

Storage Temperature	-30 ~ +50 °C
Operating Temperature	-25 ~ +55 °C
Ingress Protection	IP66



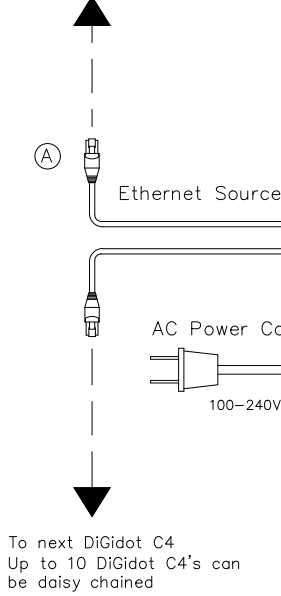
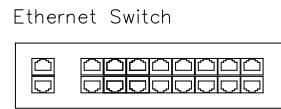
IP66 2^{year} warranty

Disclaimer

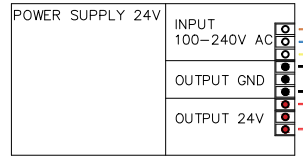
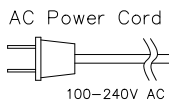
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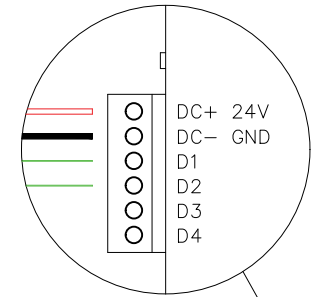
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To next DiGidot C4
Up to 10 DiGidot C4's can
be daisy chained



Connection example
Junction box



DETAIL A
SCALE 4:1

DiGidot C4 Live / Extended
(2010X / 2020X)

DETAIL A

2x SPI Signal over
0,75mm2

DETAIL A

DETAIL B

Connection example
2x WAGO®2-Conductor Connector

Junction box

F INPUT

OUTPUT

To next set Liners

Up to 14 pieces can be daisy-chained on 1 output of the
DiGidot C4 Live 4

After 7 pieces a new power line is necessary
A new powerline can be made by using an Y-split as shown
here

Each liner has 12 Pixels (12x3=36 channels for 1 Liner)
510/36 = 14 Liners in 1 DMX universe

Note: These specifications are based on the use of the 1
meter version of the T-Series if longer versions are used
specifications have to be changed accordingly

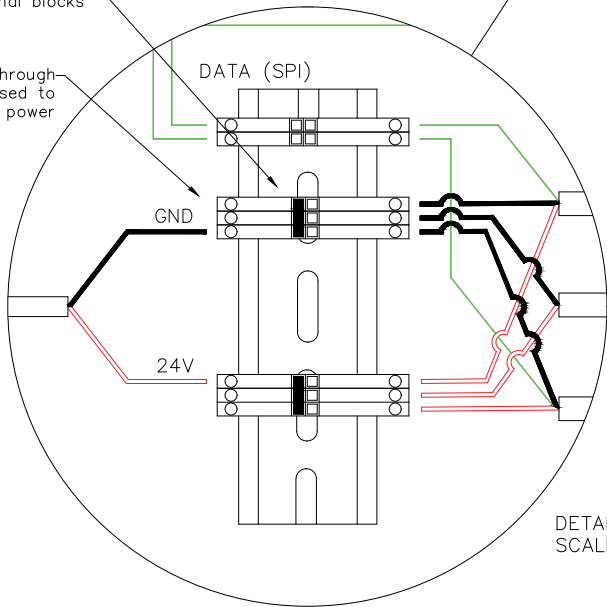
Length of LED you can connect to 1 power
supply:
Power consumption pixelstrip per meter
divided by
the total power of the power supply

For example:
Power consumption T-Series liner: 18W/meter
Power supply: 320W
320W/18W = 17 liners

Because of voltage drop you cannot connect
17 Liners on 1 powercable
→ For this Liner you can connect
on 1 powercable:
7 fixtures

WAGO®Push in type jumper bars
are used to connect the terminal blocks

WAGO®2-conductor through-
terminal blocks can be used to
split the power



DETAIL B
SCALE 3:1

Starter cable

Power injector cable

Starter cable

Cable Coding

Color	Function
Brown	L
Blue	N
Yellow	PE
Red	V+
White	V-
Green	DATA (SPI)

Recommended cable lengths

Maximum length from A to B	100 meters	Cat 6 STP
Maximum length from C to D	0.5 meters	24V Power Cable 2x1mm2 (70103R)
Maximum length from D to E*	5 meters	3x0,75mm2
Maximum length from C to F	5 meters	24V Power Cable 2x1mm2 (70103R)

* Length can be extended by the use of the DiGidot TX-RX kit (see www.digidot.eu for more information)

Maximum 1 meter T-liners on 1 DiGidot C4

C4	Fixtures	Article Nr.
Extended 1	14	20201
Extended 2	28	20202
Extended 4	56	20203
Extended 8	112	20204
Live 4	56	20101
Live 8	112	20102
Live 12	168	20103

A3		NAME	DATE		
	DRAWN		28-5-2018		
	CHK'D			TITLE: WIRING DIAGRAM	
	REV	1.0			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	BASIC SETUP T-SERIES 72LED'S P/M			PRODUCT: 35552	
				SCALE: NOT TO SCALE SHEET 1 OF 1	

Please contact you're local InventDesign representative for project
consultation

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

Suggested Accessories	Art.nr
Y-split connector with 1mtr cable	70502
Input connector with 1mtr cable	70501
PSU RSP-320-24	84418
DiGidot C4 Live 4	20101