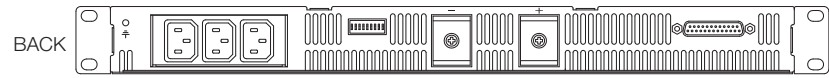


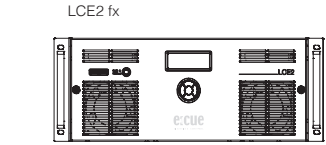
Meanwell Power Supply Unit 3x 48V DC 1kW



LED Engine 1000W 48V - single terminal

PSU Rack for LED Engine 1000W 48V
(Houses 3 x LED Engine 1000W 48V)

3x 1kW Rackmount PSU can power up to 148.8m tubes (18.6m x 8)



DVI Source
Ethernet Source

Note: Common the GND Wago® terminal blocks using adjacent jumpers.

Ring connectors to fit M5 terminal on PSU

CABLE A

AWG0-6

Power Distribution Blocks

Wago® Terminal block set

Interconnection Example:
WAGO® terminal blocks on 35mm wide DIN rail

FUSE

FUSE

FUSE

FUSE

Power distribution block to Wago Terminal Block

CABLE D

AWG12-14

(1m max)

281-309

(cover plate)

280-309

(cover plate)

281-402

281-402

281-402

281-402

281-402

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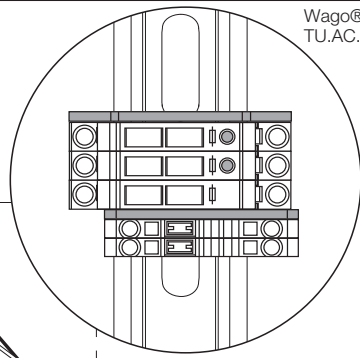
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281-402

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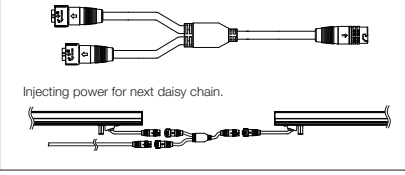
281-402

Wago® Terminal block set (7A)
TU.AC.0602000



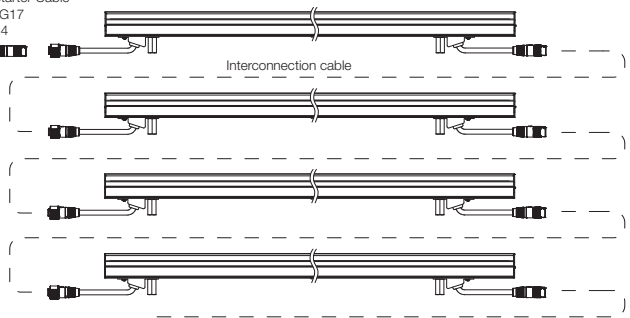
POWER INJECTION

Quick Lock Power/Data Injector Cable
TU.AC.0600800



Injecting power for next daisy chain.

TUBES ARE DAISY CHAINED

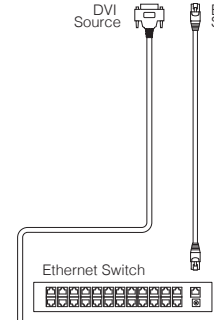
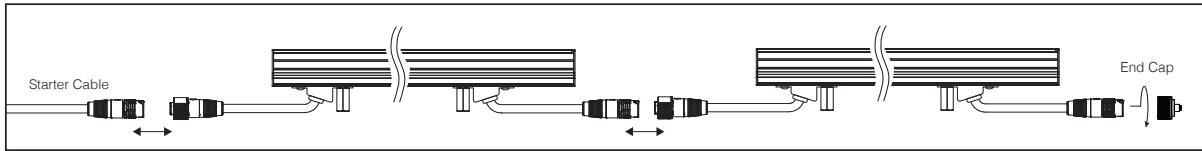


Daisy-chained LED Tubes Max. 744 LED clusters
(e.g. 12 x 1.5m tubes and 1 x 0.6m tube*)
Total 2976 DMX512 channels (4 channels / pixel)
Data Injector is needed when connection has more than 1 universe.

| Signal | Wire Size | Color |
|--------|-----------|-------|
| 48V | AWG 17 | Brown |
| DMX- | AWG 24 | White |
| DMX+ | AWG 24 | Black |
| Ground | AWG 17 | Blue |

This wiring diagram shows only typical connections. Actual wiring depends on LED Tube configuration and installation.
*Max. no. fixtures is 96 for DMX signal / 32 for e:pix signal. Actual no. vary according to cable lengths and signal source. Please consult your local Traxon office for aid.

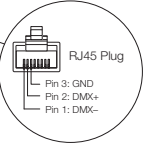
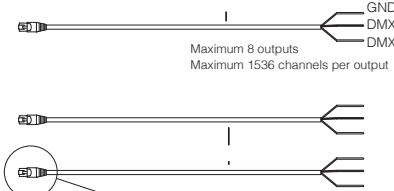
TUBE INTERCONNECTION



Video Micro Converter (VMC)



Daisy-chained VMCs
Max. units per chain: 8
Use DVI splitter for further VMC chain
See VMC specification for more information



Please check for the latest updates and changes on the TRAXON website.
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| | | | |
|-----------|--|----------|--------------|
| TITLE: | SYSTEM WIRING DIAGRAM | DATE: | 05 APR 2016 |
| PRODUCTS: | MEDIA TUBE® HO RGBW LED ENGINE 1000W 48V VIDEO MICRO CONVERTER | DWG. BY: | |
| | | SCALE: | NOT TO SCALE |
| | | PAGE: | 1 OF 1 |
| | | VER: | 0.2 |