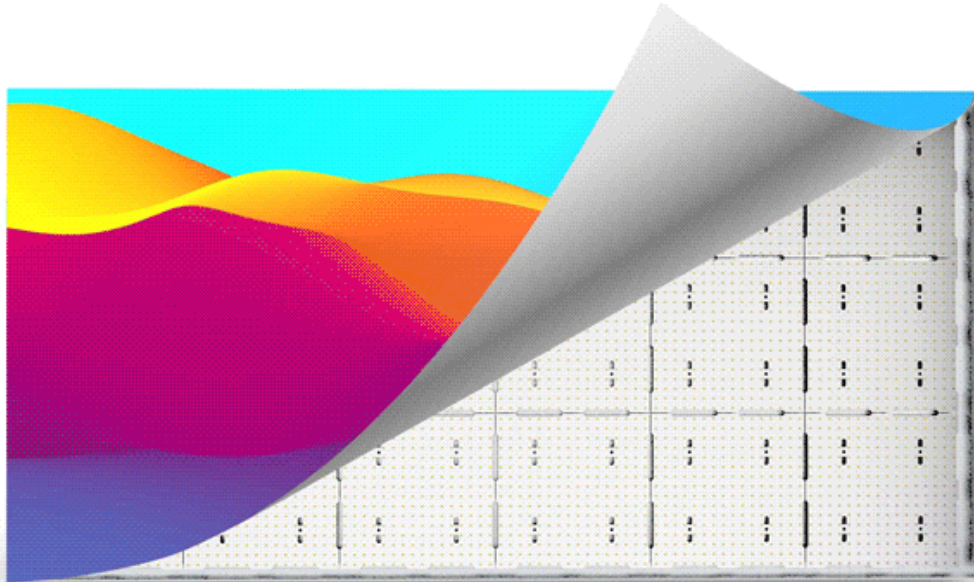




DYNAMIC LIGHTBOX

USER AND INSTALLATION MANUAL



OVERVIEW

Thanks to the Vivalyte dynamic LED panels, you can add animation and tell a story with a single printed fabric. LED panels behind the graphic highlight your brand and message and create amazing stopping power. Make a painting come to life or simulate a cloudy sky.

“Bring your visual to life”

The possibilities are endless and the added value is undeniable. Be creative, set your brand in motion and add unexpected elements to your lightboxes. Vivalyte offers you the service and support you need for a successful roll-out.

You can find more information by visiting <http://vivalyte.com/dynamic-lightbox/> or scan the QR-code below.



RECYCLING

Vivalyte's LED products are high quality and long-lasting. In case their life ends, please make sure you recycle them according the respective legislation.

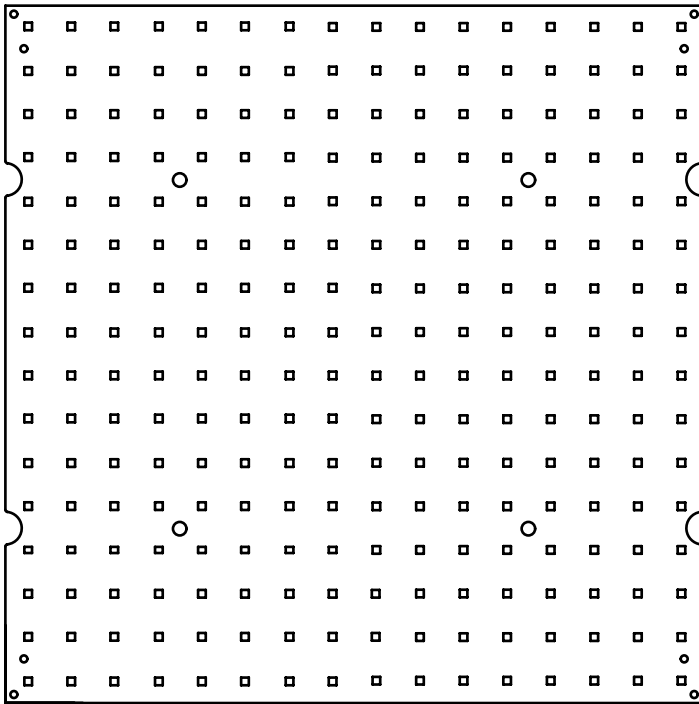
Feel free to share your thoughts with us: info@vivalyte.com.

CONTENT

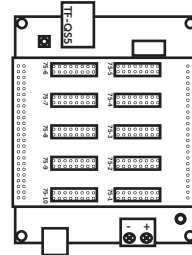
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COMPONENTS

The list of components differs depending on the installation. Below are the basic components you need to install the dynamic panels in the frame. The amount and lengths of the components depend on the installation.



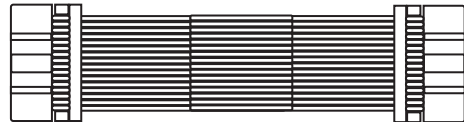
DYNAMIC PANEL*
RGB P20



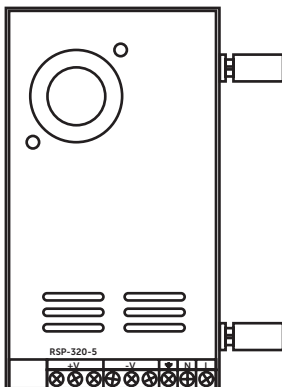
GRAPHICAL CARD
TF-QS5
+ HUB



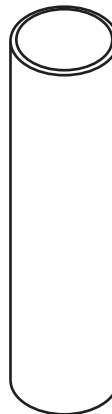
MALE POWERCORDS*



FLAT CABLE**



PSU* with clips
RSP-5-320



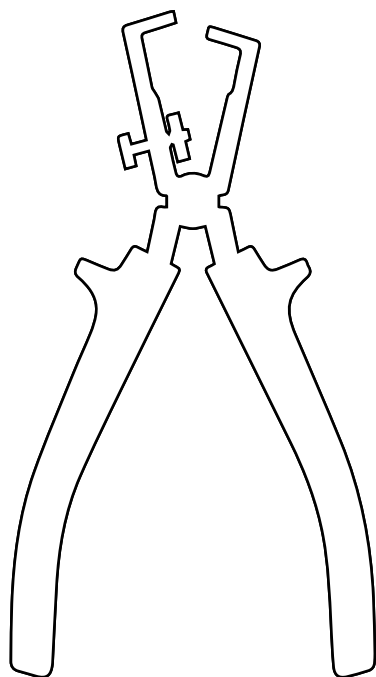
ALUMINIUM TUBES**
Ø 25mm

* Amount depending on installation.

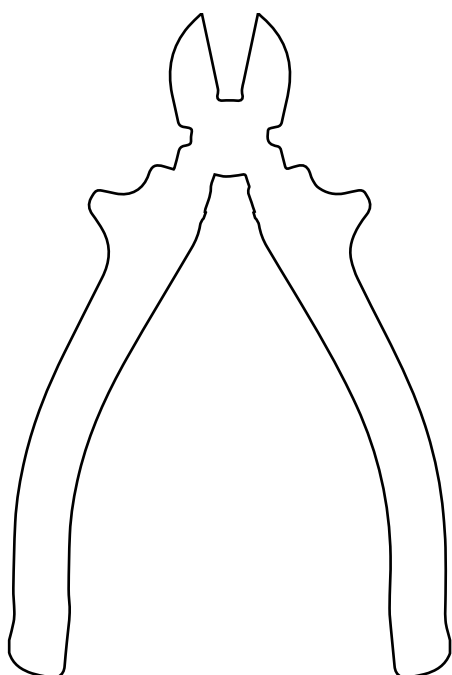
** Length and amount depending on installation

TOOLS

Below is an overview of the tools you need to install the dynamic hardware.



CABLE STRIPPER



CABLE CUTTER

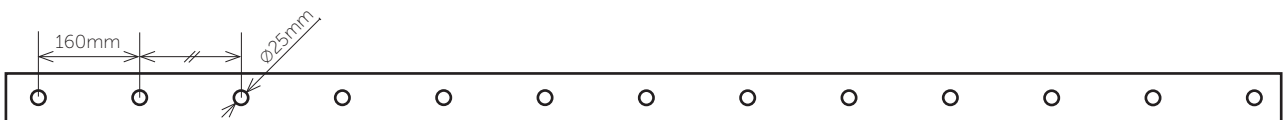


SCREWDRIVER
PH2 CROSS



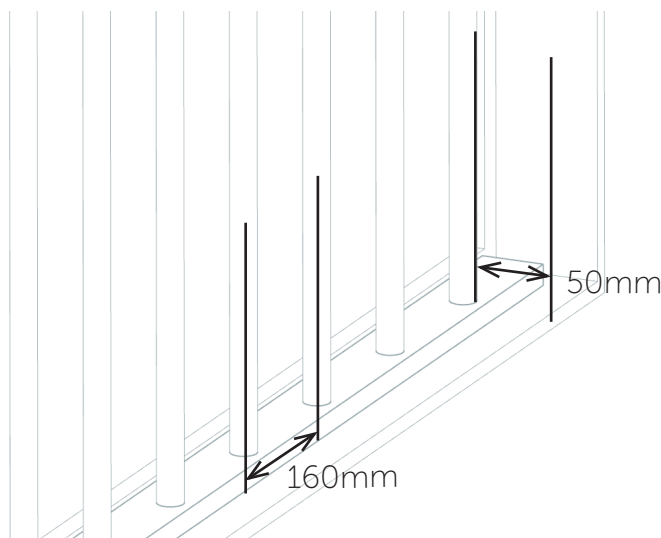
FRAME PREPERATION

Before mounting the LED panels, it's important to have your frame fully prepared. Ideally, the (inside) dimensions of the lightbox are adjusted to the size of these dynamic panels. The full LED dynamic panels are 320x320mm. Vivalyte also offers half size panels, oriented horizontally (320x160mm) or vertically (160x320mm).



Prepare wooden plates for top and bottom with pre-milled holes (\varnothing 25mm) and distance between holes centers (160mm).

Mount the tubes in the plates and fix them to the frame.

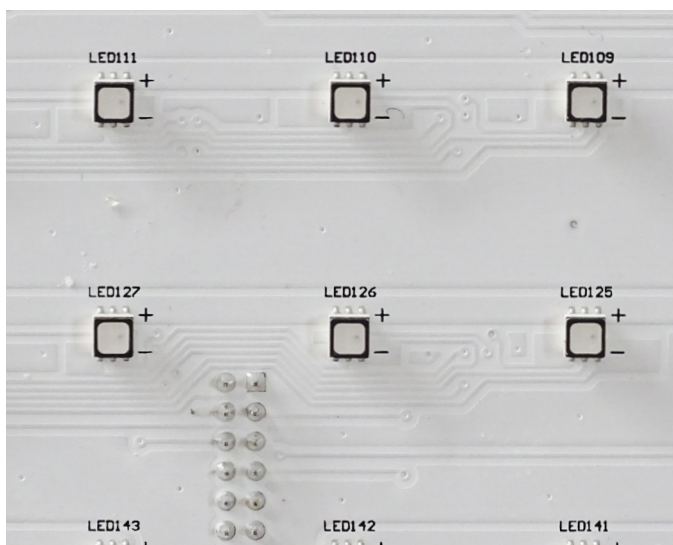
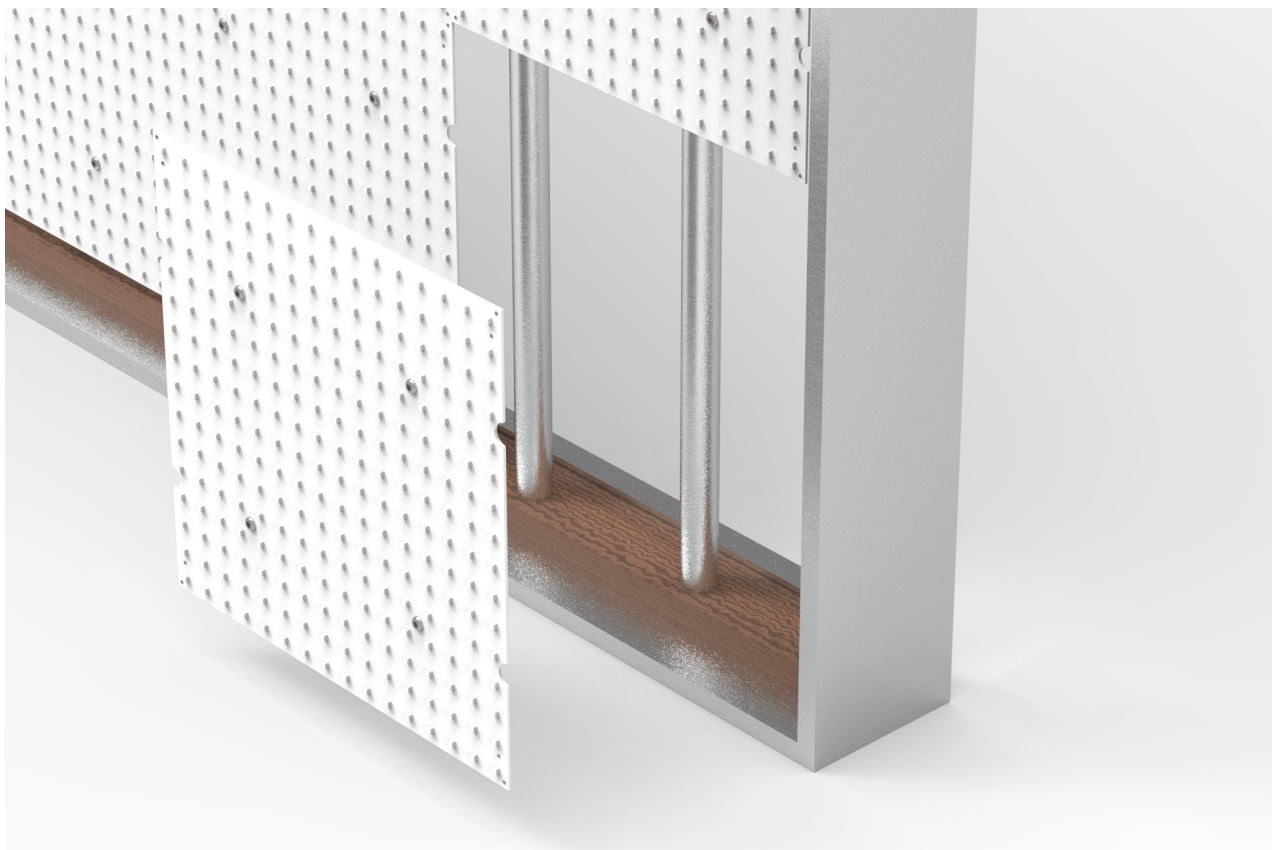


Distance between textile on the front and the rear end of the tube: 50mm (72,5mm to centre of tube).

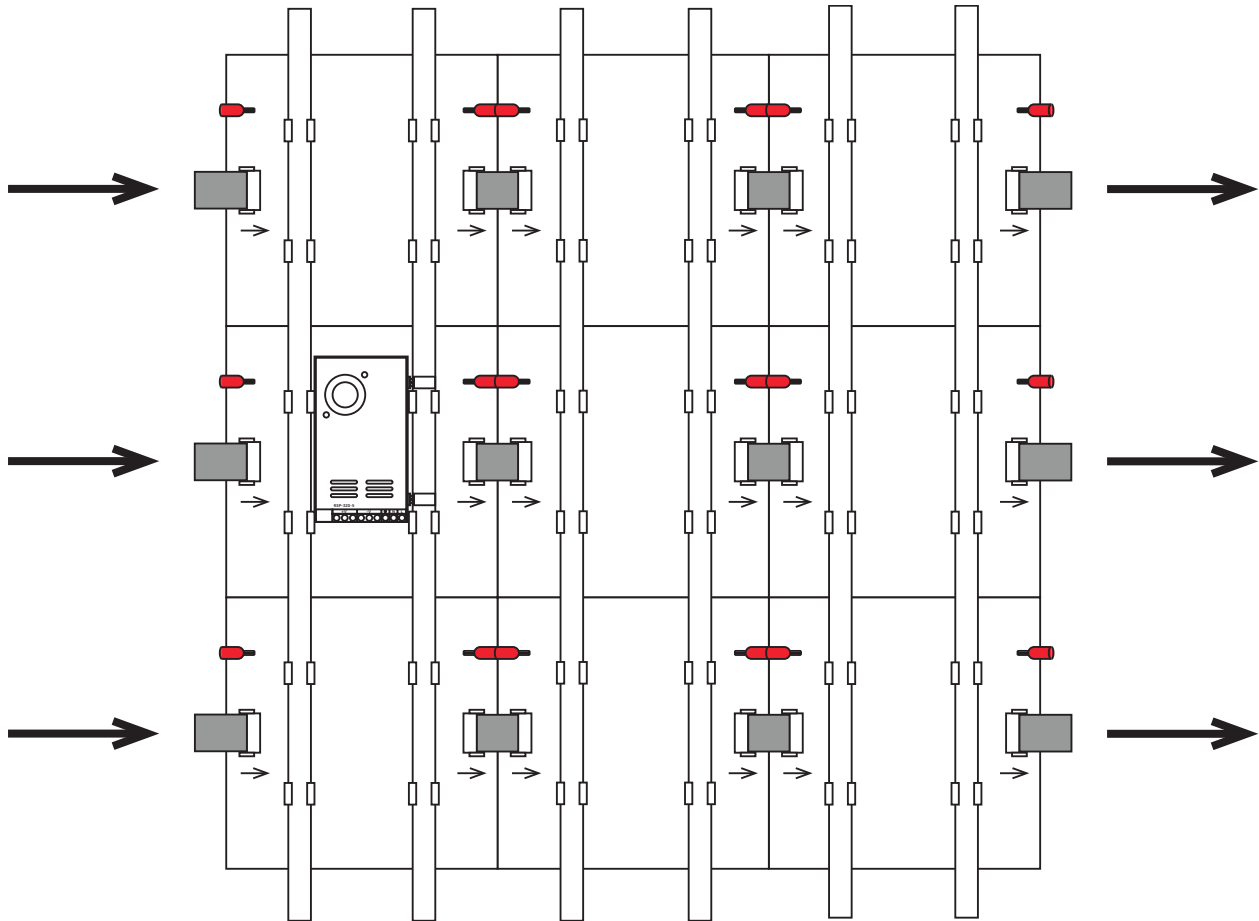
Distance between tubes: 160mm (centre to centre).

MOUNTING PANELS

Once the tubes are fixed to the frame, the mounting of the panels is very quick and easy. Simply click the panels onto the tubes. The easiest way is to start in the top left corner, finish line by line horizontally and finish in the bottom right corner. Make sure the panels touch each other, but don't overlap.

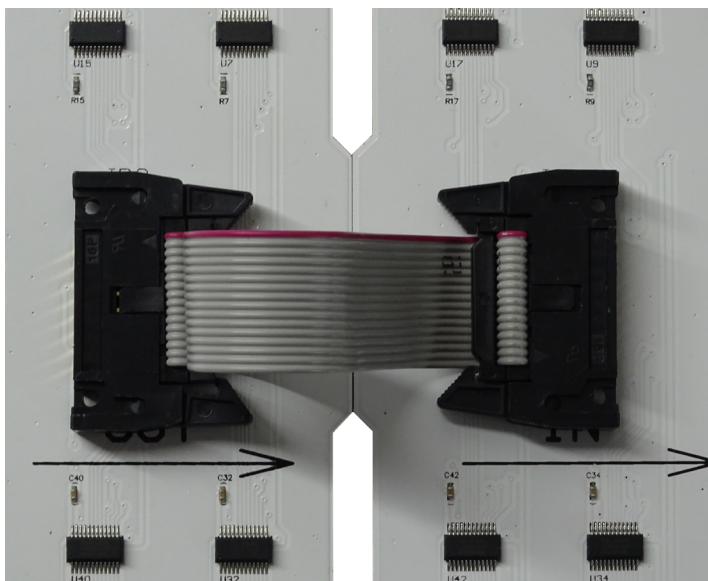


To define the top of the panel, look at the orientation of the text above the leds. The text should face the top of the LED.



DATA WIRING PANELS

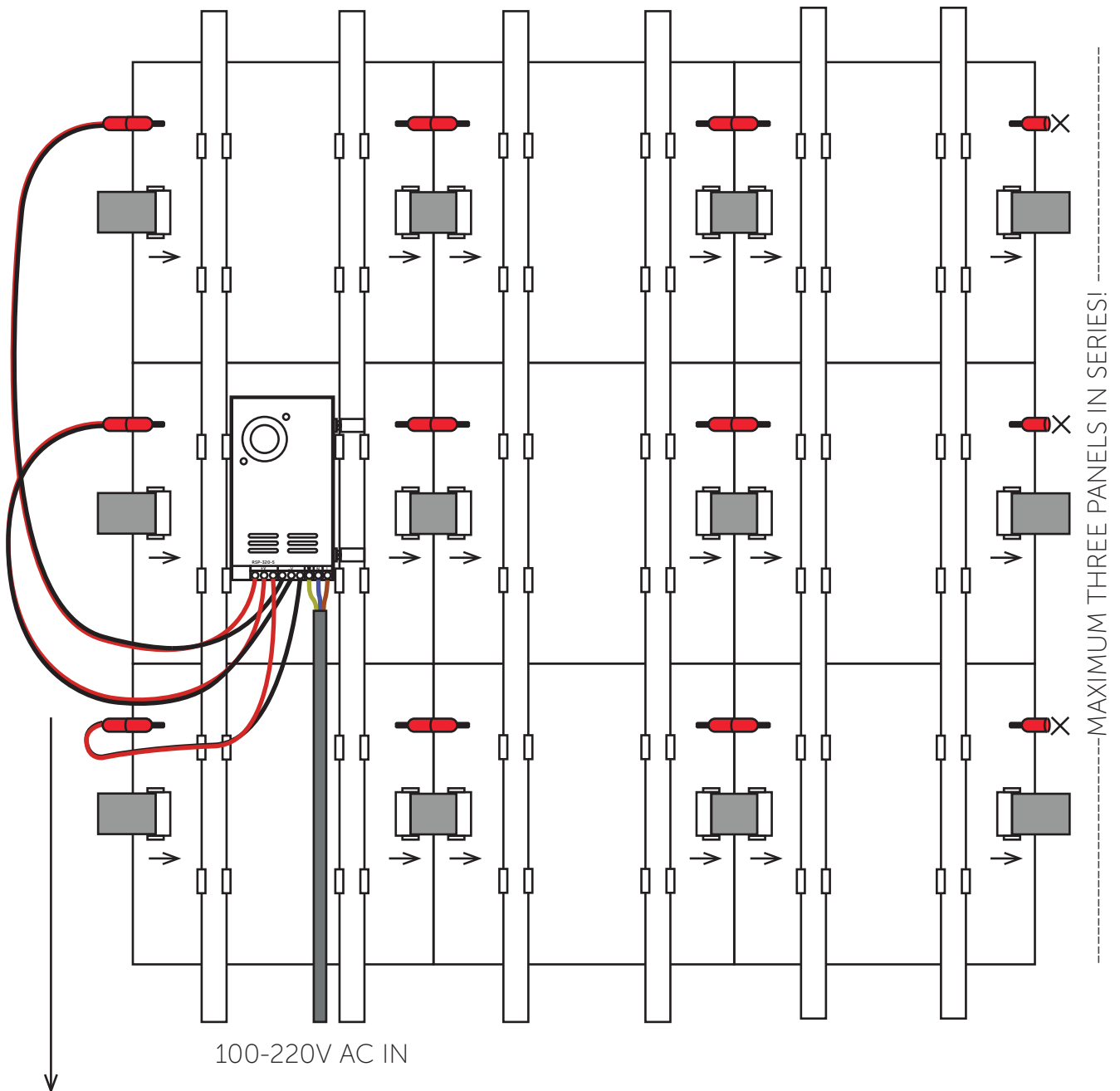
All panels must be connected horizontally with each other. Each panel comes with a short data cable connected on one side and has to be connected to the next panel.



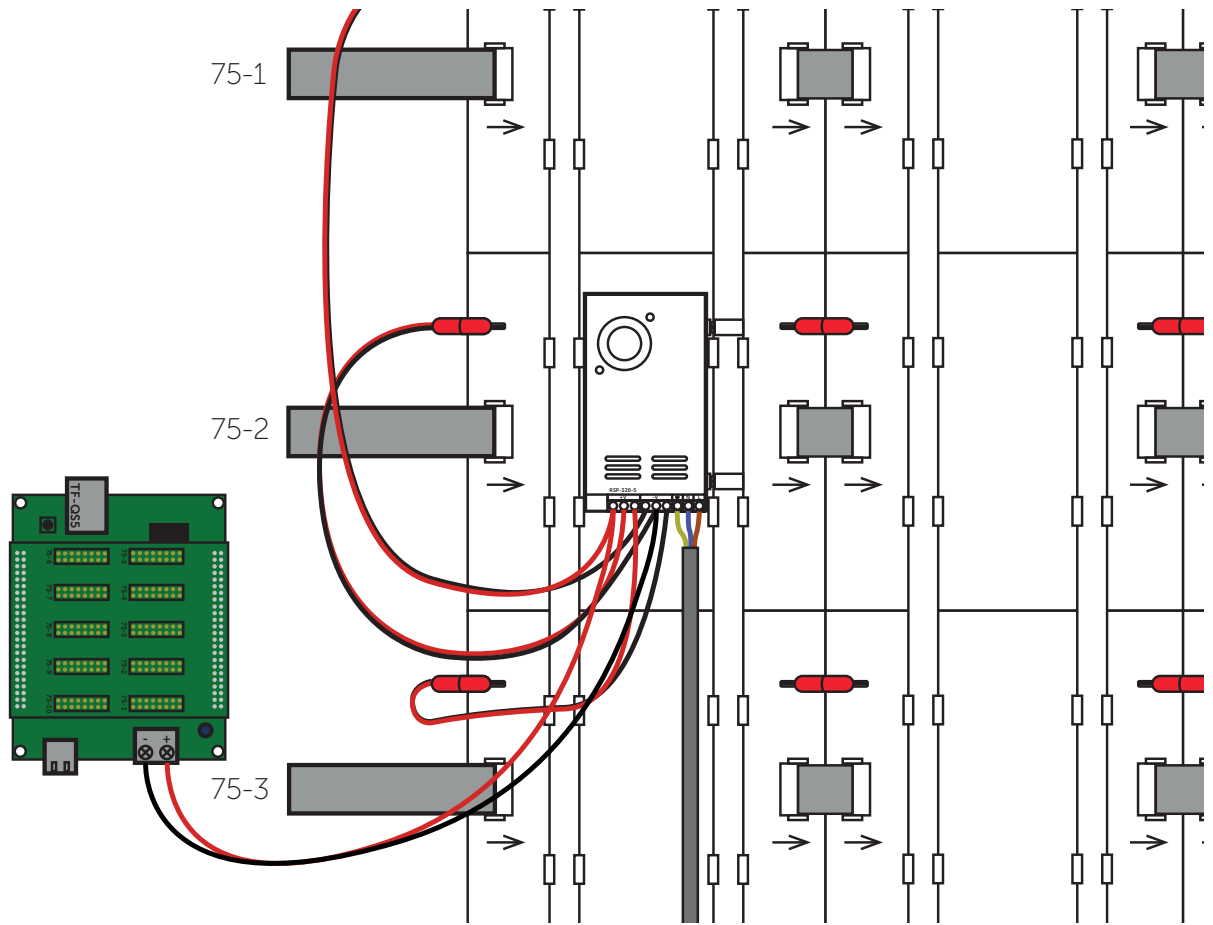
The arrows on the panel show the direction of the data connection.

POWER WIRING

Each square meter of dynamic panels requires a RSP-320-5 power supply unit (PSU). The panels can be connected horizontally with each other to a maximum of three panels. Each power supply has six power connection points (three positive and three negative), so maximum three female power cords can be connected to the PSU.

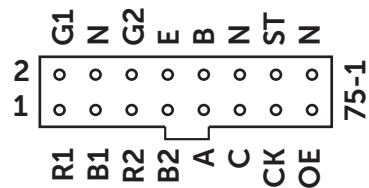
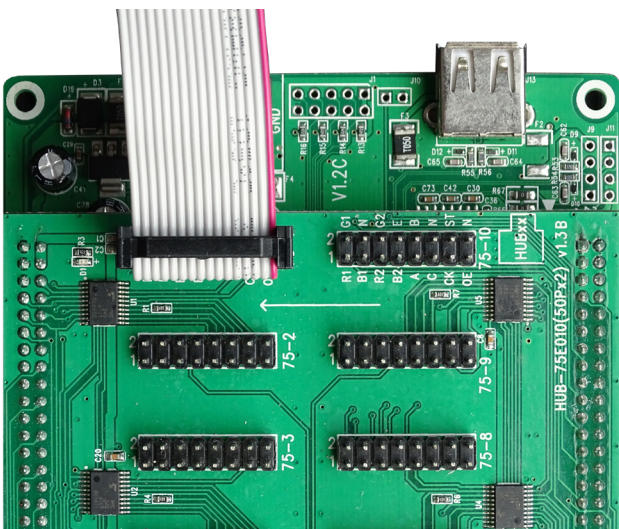


Male powercords
(3 per 1m²)



WIRING GRAPHICAL CARD

The graphical card must be connected to the closest power supply on the frame (voltage: 5V).



The orientation of the data flat cable should be as above (referring to the orientation of the numbers and letters on the hub connector).

Pay attention to the numbers next to the connector point, e.g. 75-1 is the first line of dynamic panels on top.