

SIGNAL FILTER FOR DIGITAL LED

DIGITAL LED

Ref: 41.094

5V-24V

This is a spi signal filter to solve the problems with the distances of the cables installed. The controller has to be located at a considerable distance (maximum 2 metres from the leds depending on the controller). The signal transmission of the leds can be weak depending on the controller and as we cannot run many cables, a wiring system is complicated.

With this product we can stabilise the data signal once more and solve the noise or poor signal which can be lost due to the cable distance.

Note:

1. The maximum line length of the controller output port and the filter's input port is 200 metres. If it exceeds 200 metres, please try to use fiber.
2. The length of the filter's entrance port and the luminaire's entrance, must not exceed 5 metres.
3. When the light group is 12V-24V, the RT is open and when the light group is 5V, the RT is connected.
4. It is forbidden to operate with electricity. Before installation, it must be off and the joints must be waterproofed.



voltage



voltage



voltage



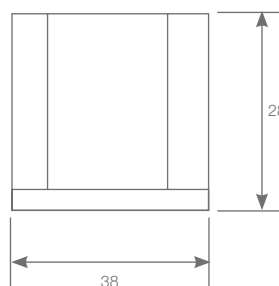
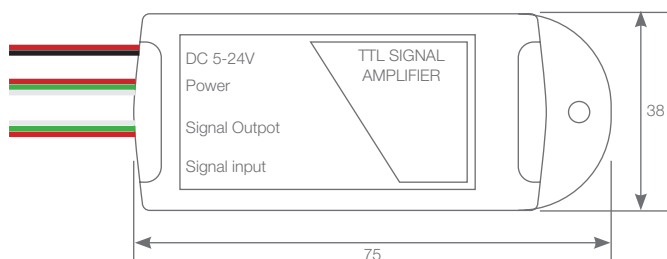
IP20



interior

Voltage	5V - 12V - 24V
Distance from controller to filter	up to 200m
Distance From filter to light pixel	5m max.
Measurements	75x38x28mm
Waterproofing	IP20
Packaging	1 unit
Guarantee	2 years

Approved by: 



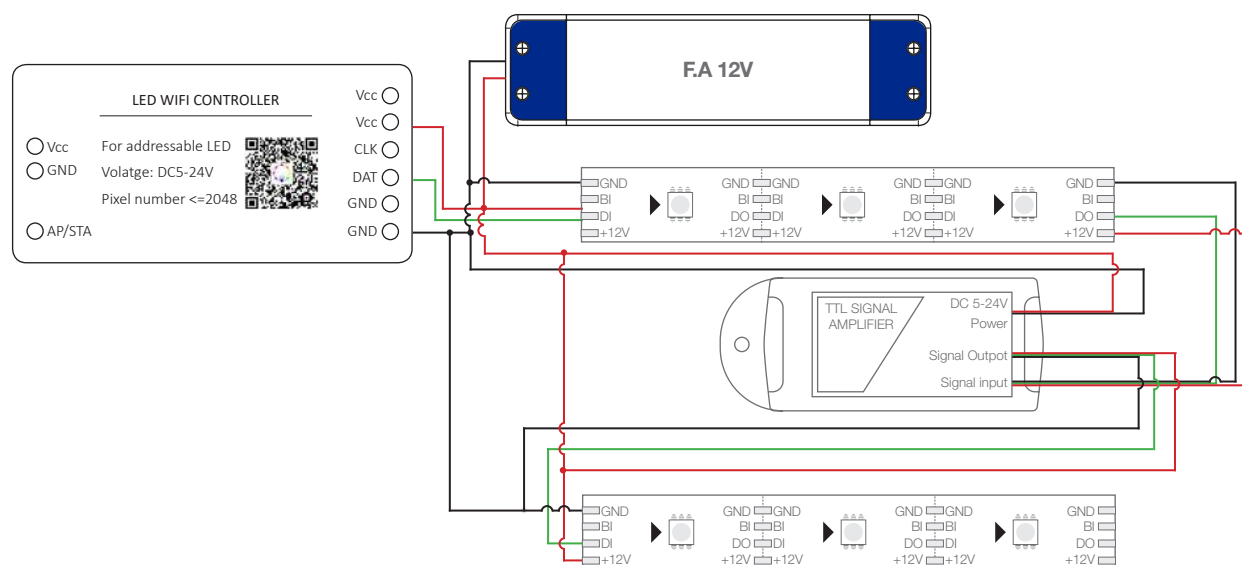
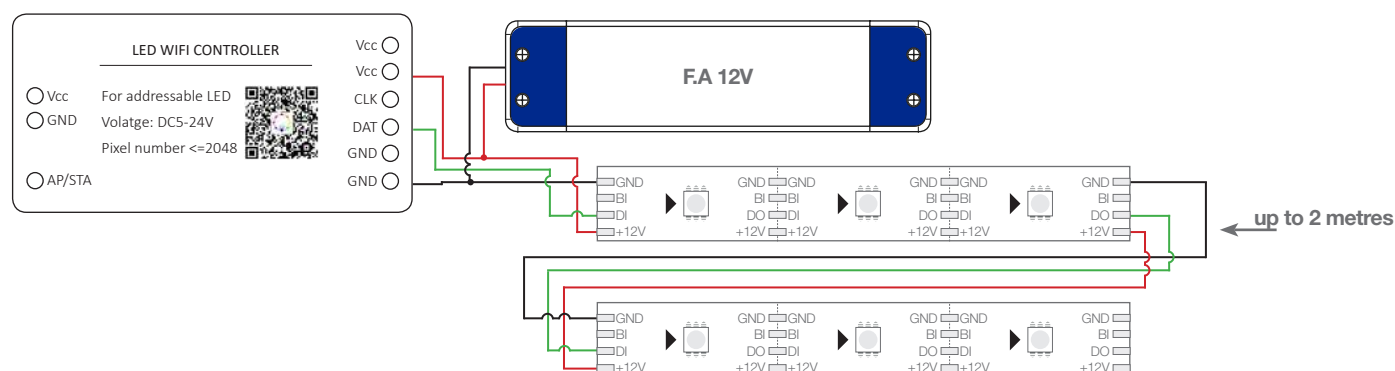
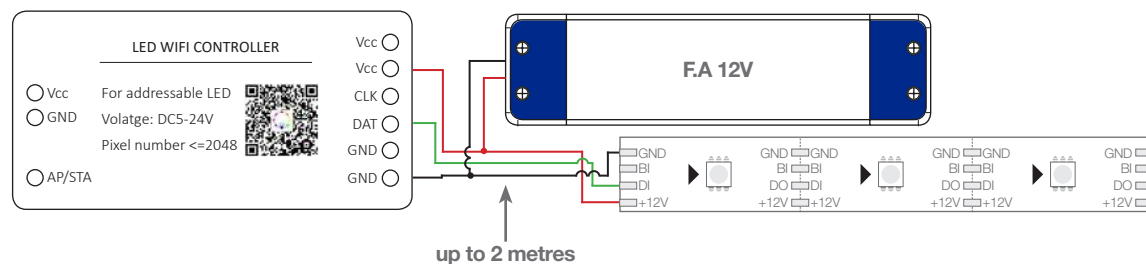
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¿When do we use the ref 41.094?

In digital led installations where the controller is more than 2 metres away from the first pixel of each installation. As it's such a long data signal cable, it can give us problems.

We can also use it with a data signal output from a flexible strip to the start of another strip which is 2 metres away.



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Connection:

