



QolorFLEX®

QolorFLEX® 4x5A Dimmer (P/N 5821) is a low voltage, constant voltage dimmer, and can control a full 20A of LED tape spread over four channels of 5A each. The unit is easily surface mounted and has spring contact terminal blocks for all electrical and DMX connections.

The QolorFLEX 4x5A Dimmer includes an easy-to-read onboard display and four button user interface allows setting DMX addresses, setting quantity of DMX channels, selecting 8- or 16-bit output resolution, setting PWM frequency (500Hz to 30KHz), setting output dimming curve values for matching the dimming curves of other dimmers in use and setting the device's operating profile.

The QolorFLEX 4x5A Dimmer is RDM capable. The maximum current load per channel is 5A with a maximum device output of 20A.

The QolorFLEX 4x5A Dimmer requires an external power supply, providing input voltage of 12-24VDC, to suit the LED tape you are using. For indoor use.

SPECIFICATIONS:

Physical

Length	53.4 mm	(2.1 in)
Width	170 mm	(6.7 in)
Height	28 mm	(1.1 in)
Weight	0.14 kg	(4.8 oz)
Construction	NEMA 1 ABS enclosure	
User Interface	4 button, plus alpha/ numeric display	

Electrical

Output Channels	User selectable, 1 to 4
Input Voltage	12 to 36VDC 20A
Max Output / Channel	5A
Max Device Input	20A@12V
Resolution	User selectable - 8- or 16-bit
PWM Frequencies	User selectable - 500 - 30KHz
Power Connections	Spring Terminals
Output Connections	Spring Terminals
DMX Connections	Spring Terminals
0-10 Connections	N/A
DMX Address	Yes
Curve Selection	User selectable - 99
Film & Video Modes	Yes - 18
DMX Termination	No
SHoW ID	No
Bump Buttons	No
Pilot Lights	Yes
Smoothing Settings	No
Stand Alone Levels	Yes
RDM	Yes

Product Information

Use Environment	Indoor
Warranty	One year
Compliance	CE, RoHS

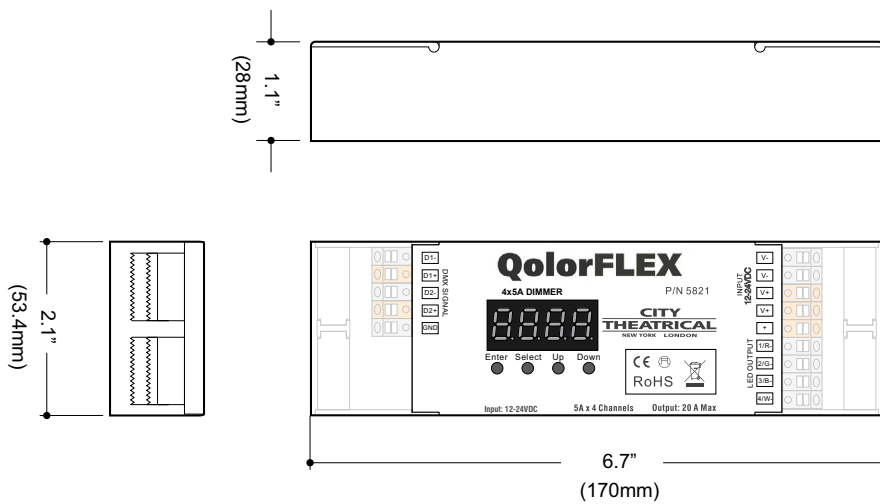
DIAGRAM:

(Not to scale)



DIMENSIONS:

(Not to scale)



WIRING SCHEMATIC:

