



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

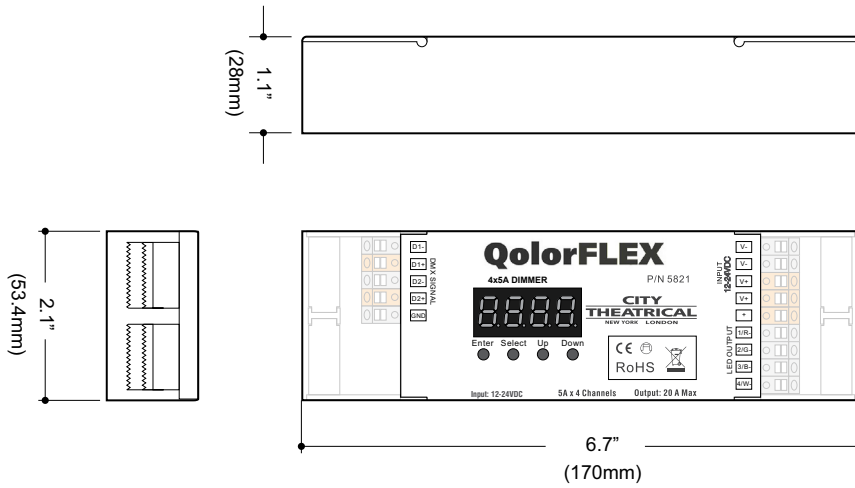
DIAGRAM:

(Not to scale)



DIMENSIONS:

(Not to scale)



WIRING SCHEMATIC:

