

**QolorFLEX® 5x8A Dimmer**  
**P/N 5809**



**SPECIFICATIONS:**

**Physical**

Length	73 mm	(2.88 in)
Width	165 mm	(6.5 in)
Height	38 mm	(1.5 in)
Weight	0.39 kg	(13.6 oz)
Construction	NEMA 1 IP20 steel enclosure	
User Interface	4 button, plus alpha/ numeric display	

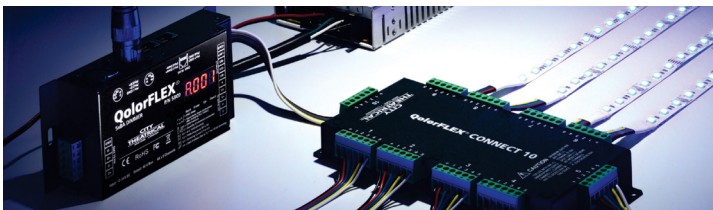
**QolorFLEX®**

**Electrical**

Output Channels	User selectable, 1 to 5
Input Voltage	12~24VDC
Max Output / Channel	8A
Max Device Input	40A
Resolution	User selectable - 8- or 16-bit
PWM Frequencies	User selectable - 500-30KHz
Power Connections	Screw Terminals
Output Connections	Screw Terminals
DMX Connections	5 Pin XLR, RJ-45, Screw Terminals
0-10 Connections	No
DMX Address	Yes
Curve Selection	User selectable - 99
Film & Video Modes	Yes - 18
DMX Termination	No
SHoW ID	N/A
Bump Buttons	No
Pilot Lights	Yes
Smoothing Settings	No
Stand Alone Levels	Yes
RDM Capable	Yes

**QolorFLEX® 5x8A Dimmer** (P/N 5809) is designed to operate perfectly with City Theatrical's QolorFLEX LED Tape for professional use on Broadway, television and film, and architectural lighting installations. The QolorFLEX 5x8A Dimmer can control a full 40A of LED tape spread 8A each. This allows the control of unique combinations of LED tape, such as QolorFLEX 5-in-1 LED Tape (five channels), RGBX tape (four channels), RGB tape (three channels), bi-colour tape (two channels), and/or a single colour tape (one channel) together in one unit. The dimmer can operate in both DMX or stand alone mode.

The QolorFLEX 5X8A Dimmer uses constant voltage technology to ensure consistent full range dimming, which is especially important at low end light levels. An easy-to-read onboard display and four-button user interface allows selection and control of six functions. The unit requires a separate power supply providing input voltage of 12-24VDC. The maximum current load per channel is 8A with a maximum device output of 40A. All QolorFLEX 5X8A Dimmers are RDM capable.



QolorFLEX 5x8A Dimmer (left) shown as part of a QolorFLEX installation.

**Accessories:**

6611

Terminal Block Connector, Five Pin, Female (One connector is included with 5809)

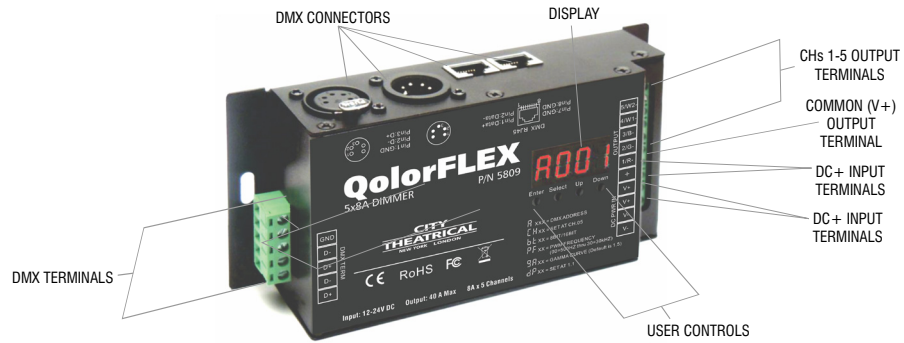


**Product Information**

Use Environment	Indoor
Warranty	One year
Compliance	CE, RoHS, FCC

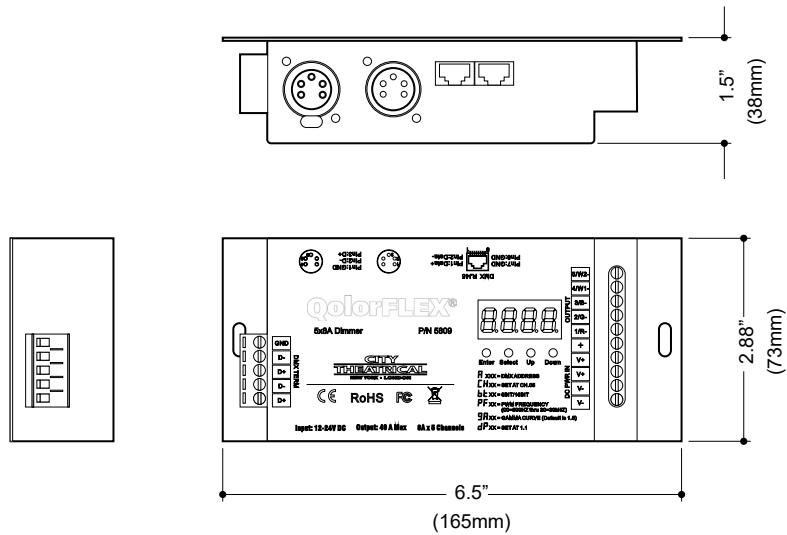
### DIAGRAM:

(Not to scale)



### DIMENSIONS:

(Not to scale)



### WIRING SCHEMATIC:

