

**QolorFLEX® 4x10A Dimmer
QolorFLEX 4x6A Dimmer
P/Ns 5750 and 5754**

QolorFLEX® 4x10A and 4x6A Dimmers provide a powerful and affordable new way to control LED tape, other LEDs, or low voltage incandescent fixtures.

DMX Control Features

The QolorFLEX® 4x10A and 4x6A Dimmers include:

- Rotary switches for DMX addressing
- 0-10V input control
- DMX 5-pin XLR terminals for input/Pass-Thru
- RJ45 Terminals for DMX In/Pass-Thru
 - **Note: A total of one input, and one output may be used per 4x10A or 4x6A**
- Termination switch for end-of line DMX termination
- RDM Responder functions



Mechanical

- Rugged NEMA 1 Aluminum enclosure
- Surface mounting tabs for wall or deck mounting

Electronic/ Functional Features

All units include:

- Bump Buttons
- Rotary switch, DMX Addressing
- DIP Switch, Curve Selection (four choices)
- DIP Switch, LED TV and Film Modes (five choices)
- DIP Switch, 0-10V Input Control Enable(on-off)
- DIP Switch, DMX Termination (on-off)
- LED indicators:
 - Dimmer pilot lights (one for each channel)
 - DMX (data present)
 - Status
- Fan Cooled

Other Features

All units include:

- Four dimmer output channels with two outputs per channel
 - Max output per dimmer channel 10A shared between two outputs
 - P/N 5750 QolorFLEX 4x10A Dimmer is 12VDC
 - P/N 5754 QolorFLEX 4x6A Dimmer is 24VDC
 - Anderson Powerpole or screw terminals
- Max total output per device 40A
- Fully RDM enabled
- Individual DMX addresses
- Internal power supply (12V, 40A)
- Self healing over current protection
- Individually protected against over-temperature
- Individual bump buttons

- PWM resolution 16-bit
- Dimming Curves
 - Linear, 60Hz
 - ISL, 60Hz
 - Non-Dim
- LED Features:
 - Six variable LED smoothing rates
 - Five TV/Film Modes

LED Non-Flicker Camera Testing For Film and Video

QolorFLEX® 4x10A and 4x6A Dimmers were tested and found to be flicker free at the following settings. Always perform your own testing. Call City Theatrical to obtain more information on flicker free setup.

Camera	Product	Frames Per Second	Shutter Angle	Aperture	F & V Modes Tested
35mm Moviecam SL	5722-5742	24fps	180°	<i>f</i> /4	1,2,3,4
35mm Moviecam SL	5722-5742	48fps	180°	<i>f</i> /2.8	1,2,3,4
35mm Moviecam SL	5722-5742	48fps	144°	<i>f</i> /2.6	1,2,3,4
Red Epic	5722-5742	24fps	180°	<i>f</i> /5.6	1,2,3,4
Red Epic	5722-5742	48fps	180°	<i>f</i> /4	1,2,3,4

Compliance:

- ETL Listed to UL508-A
- CE Certified
 - Emissions/Immunity
 - Electrical Safety
 - WEEE
 - Sustainability
 - RoHS Compliant

Power:

- 100 – 240 VAC 10A Max Power Input
- Power Factor: 0.95 @ 230Vac, 0.99 @ 115Vac at full load
- 10A T 250V input fuse for protection

Weight: 6.7 lbs (3 kg)

Dimensions: 12.25" (L) x 8.00" (W) x 4.062" (H)
311mm (L) x 203mm (W) x 103mm (H)