





QolorFLEX LED Dimmer Specifications

Product Image	Product Name	Part Number	Length	Width	Height	Weight	Construction	User Interface	Output Channels	Input Voltage	Max Output per Channel	Max Device Input	Max Pixels Per Output	Max Cable Distance to LED Tape	Power Connections	Output Connections	DMX Connections	0-10V Connections	DMX Address	Curve Selection	Film & Video Modes	DMX Termination	Show ID	Bump Buttons	Pilot Lights	Status Light	Smoothing Settings	Stand Alone Levels	RDM Capable	Use Environment	Compliance	Cut Sheet Link	Quick Start Guide or Manual Link	Product Description	
	QolorFLEX 5x2.5A 2.4GHz Multiverse Dimmer	5942 (900MHz/2.4GHz) or 5943 (2.4GHz)	143mm (5.63")	70mm (2.75")	16mm (0.63")	0.07 Kg (2.4 oz)	NEMA 4 IP20 ABS Plastic	RDM/USB	User Selectable, 1 to 5	5-30VDC	4A	12.5A	N/A	N/A	Pluggable connectors	Pluggable connectors	Pluggable connectors	N/A	Yes	Yes - 3	Yes - 5	N/A	All Multiverse & Neo	Yes	Yes	Yes	Yes	Yes - Variable 6	No	Yes	Indoor	CE, RoHS, FCC, ACMA, ARIB, IC	https://www.citytheatrical.com/docs/default-source/quick-start-guides/5x2.5a-2.4ghz-multiverse-dimmer-cut-sheet.pdf	https://www.citytheatrical.com/docs/default-source/quick-start-guides/5x2.5a-multiverse-dimmer.pdf	QolorFLEX 5x2.5A 2.4GHz Multiverse Dimmer (PN 5942) is a constant voltage, five-output dimmer that can be controlled wirelessly using City Theatrical's Multiverse wireless DMX/RDM technology, or with wired DMX. This dimmer provides 20-bit PWM resolution and six DMX personality options (including 8-bit (Sch), 16-bit (10ch), 8-bit Tunable White Single (2ch), 16-bit Tunable White Single (4ch), 8-bit Tunable White (4ch), and 16-bit Tunable White (8ch)) for extremely smooth dimming at the low end of the dimming curve. It uses detachable input and output connectors to make wiring easy.
	QolorFLEX 2x2.5A 2.4GHz Multiverse Dimmer	5916 (2.4GHz) or 5917 (900MHz)	81mm (3.187")	18.8mm (0.7")	12mm (0.5")	0.009 Kg (0.32 oz)	NEMA 4 IP20 ABS Plastic	RDM/USB	2	6-30VDC	0.8A @12V	1.8A	N/A	N/A	Spring Terminals	Spring Terminals	Spring Terminals	N/A	Yes	Yes - 3	Yes - 5	N/A	All Multiverse & Neo	Yes	Yes	Yes	Yes - Variable 6	No	Yes	Indoor	CE, RoHS, FCC, AU, Japan, IC	https://www.citytheatrical.com/docs/default-source/quick-start-guides/2x2.5a-2.4ghz-multiverse-dimmer-cut-sheet.pdf	https://www.citytheatrical.com/docs/default-source/quick-start-guides/2x2.5a-multiverse-dimmer.pdf	QolorFLEX 2x2.5A 2.4GHz Multiverse Dimmer (PN 5916) is a small, constant voltage, two-output dimmer designed to be mounted in small spaces such as props, costumes, wands, and candles. They can be controlled wirelessly using City Theatrical's Multiverse or SHOW DMX Neo wireless DMX/RDM technology, or with wired DMX.	
	QolorFLEX 5x8A Dimmer	5809	73mm (2.88")	165mm (6.5")	38mm (1.5")	0.39 Kg (13.6 oz)	NEMA 1 IP 20 steel enclosure	4 button, plus alpha/numeric display	5	12-24VDC	8A	40A	N/A	N/A	Screw Terminals	Screw Terminals	5-Pin XLR, RJ-45, Screw Terminals	No	Yes	Yes, User Selectable - 99	Yes - 18	No	N/A	No	No	No	Yes	Yes	Indoor	CE, RoHS, FCC	https://www.citytheatrical.com/docs/default-source/quick-start-guides/5x8a-dimmer.pdf	https://www.citytheatrical.com/docs/default-source/quick-start-guides/5x8a-dimmer.pdf	QolorFLEX 5x8A Dimmers (PN 5809) are 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), RGB tape (four channels), RGB tape (three channels), 3i-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.		
	QolorFLEX 24x3A Dimmer	5810	260mm (10.24")	120mm (4.72")	40mm (1.57")	0.07 Kg (0.15 lbs.)	Steel	4 button, plus alpha/numeric display	24	12-24VDC	3A	72A	N/A	N/A	Screw Terminals	Screw Terminals	5 Pin XLR, RJ-45	No	Yes	Yes - 99	Yes - 18	No	N/A	No	Yes	No	Yes	Yes	Indoor	CE, RoHS	https://www.citytheatrical.com/docs/default-source/quick-start-guides/24x3a-dimmer.pdf	https://www.citytheatrical.com/docs/default-source/quick-start-guides/24x3a-dimmer.pdf	QolorFLEX 24x3A Dimmer (PN 5810) is a low voltage, constant voltage dimmer that is ideal for applications such as retail displays, signage, and general architectural work. It features 24 channels of control and is ideal for one, two, three or four colour LED tape installations. This dimmer is fully DMX and RDM compatible and offers stand alone functions.		
	QolorFLEX 25x3A Dimmer	5811	260mm (10.24")	120mm (4.72")	40mm (1.57")	0.07 Kg (0.15 lbs.)	Steel	4 button, plus alpha/numeric display	24	12-24VDC	3A	75A	N/A	N/A	Screw Terminals	Screw Terminals	5 Pin XLR, RJ-45	No	Yes	Yes - 99	Yes - 18	No	N/A	No	Yes	No	Yes	Yes	Indoor	CE, RoHS	https://www.citytheatrical.com/docs/default-source/quick-start-guides/25x3a-dimmer.pdf	https://www.citytheatrical.com/docs/default-source/quick-start-guides/25x3a-dimmer.pdf	QolorFLEX 25x3A Dimmer (PN 5811) is a low voltage, constant voltage dimmer that is designed for large installations of LED tape. It is the five-channel version of City Theatrical's QolorFLEX 24x3A Dimmer (PN 5810), for users who seek high capacity dimmers to use for installations of 5-in-1 LED tapes, rather than four or fewer channel LED tapes. The QolorFLEX 25x3A Dimmer features 25 channels of control and can accommodate five-channel LED tapes easily, to create efficiencies when it comes to installation time and wiring. This dimmer is fully DMX and RDM compatible and offers stand alone functions. The QolorFLEX 25x3A Dimmer's maximum current load per channel is 3A with a Maximum Device Input of 75A. It requires an external power supply to suit the LED tape being used. For indoor use.		
	QolorFLEX 4x5A Dimmer	5821	53.4mm (2.1")	170mm (6.7")	28mm (1.1")	0.14 Kg (4.8 oz)	NEMA 1 ABS enclosure	4 Button, plus alpha/numeric display	User Selectable, 1 to 4	12 to 30VDC 20A	5A	20A@12V	N/A	N/A	Spring Terminals	Spring Terminals	Spring Terminals	N/A	Yes	Yes, User Selectable - 99	Yes - 18	No	No	No	Yes	No	Yes	Yes	Indoor	CE, RoHS	https://www.citytheatrical.com/docs/default-source/quick-start-guides/4x5a-dimmer-521-cut-sheet.pdf	https://www.citytheatrical.com/docs/default-source/quick-start-guides/4x5a-dimmer.pdf	QolorFLEX 4x5A Dimmer (PN 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 300Hz), 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 12-30VDC, to suit the LED tape you are using. For indoor use.		
	QolorFLEX 4x5A DINrail Dimmer	5825	53.4mm (2.1")	110mm (4.32")	65mm (2.56")	0.11 Kg (4 oz)	NEMA 1 ABS enclosure	4 button, plus alpha/numeric display	User Selectable, 1 to 4	12-24VDC	5A	20A	N/A	N/A	Spring Terminals	Spring Terminals	Spring Terminals	No	Yes	Yes - 99	Yes - 18	No	N/A	No	Yes	No	Yes	Yes	Indoor	CE, RoHS	https://www.citytheatrical.com/docs/default-source/quick-start-guides/4x5a-dinrail-dimmer-5825-cut-sheet.pdf	https://www.citytheatrical.com/docs/default-source/quick-start-guides/4x5a-dinrail-dimmer.pdf	QolorFLEX 4x5A DINrail Dimmer (PN 5825) 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 mounts to a standard half section DINrail, and has terminal blocks for all electrical and DMX connections.		
	QolorFLEX 4x5A DINrail RJ45 Dimmer	5823	53.4mm (2.1")	110mm (6.7")	65mm (1.1")	0.11 Kg (4 oz)	NEMA 1 ABS enclosure	4 button, plus alpha/numeric display	User Selectable, 1 to 4	12-24VDC	5A	20A	N/A	N/A	Spring Terminals	Spring Terminals	2x RJ45	No	Yes	Yes - 99	Yes - 18	No	N/A	No	Yes	No	Yes	Yes	Indoor	CE, RoHS	https://www.citytheatrical.com/docs/default-source/quick-start-guides/4x5a-dinrail-rj45-dimmer-5823-cut-sheet.pdf	https://www.citytheatrical.com/docs/default-source/quick-start-guides/4x5a-dinrail-rj45-dimmer.pdf	The QolorFLEX 4x5A DINrail RJ45 Dimmer unit mounts to a standard half section DINrail, and features two RJ45 connectors for DMX communication.		
	QolorPIX Tape Controller, Eight Output	5850	346mm (13.6 in)	203mm (8.0 in)	89mm (3.5 in)	2.61 Kg (5.75 lbs.)	NEMA 1 IP 20 Steel Enclosure	N/A	8	85-264 VAC	N/A	600W	320	10m (32.8ft)	N/A	4-Pin XLR/F	5-Pin XLR, Built-in Multiverse wireless DMX receiver	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Indoor	ETL, CE, RoHS, FCC	https://www.citytheatrical.com/docs/default-source/quick-start-guides/qolorpix-tape-controller.pdf	https://www.citytheatrical.com/docs/default-source/quick-start-guides/qolorpix-tape-controller.pdf	QolorPIX Tape Controller, Eight Output (PN 5850) is preconfigured with personality profiles that can be combined and adjusted to produce thousands of dynamic effects with QolorPIX Pixel Controlled LED Tape (PN Q5050-5-RGB-48-5-67-2) using only a few DMX channels. Any lighting effect you can imagine - chases, fades, scrolls, bursts, and more can be created in minutes.		
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