

ADJ FOCUS FLEX L19 - DMX TRAITS

CHANNEL							DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	Std RGBW 31	Std CMY	Ext CMY		
1	1	1	1	1	1	1	000 - 255	Pan Movement , 540/630 degrees
	2	2	2	2	2	2	000 - 255	Pan Fine
2	3	3	3	3	3	3	000 - 255	Tilt Movement , 250 degrees
	4	4	4	4	4	4	000 - 255	Tilt Fine
3	5			5			000 - 255	Red , 0% to 100%
4	6			6			000 - 255	Green , 0% to 100%
5	7			7			000 - 255	Blue , 0% to 100%
6	8			8			000 - 255	Lime , 0% to 100%
		5	5				000 - 255	Red 1 , 0% to 100%
		6	6				000 - 255	Green 1 , 0% to 100%
		7	7				000 - 255	Blue 1 , 0% to 100%
		8	8				000 - 255	Lime 1 , 0% to 100%
		9	9				000 - 255	Red 2 , 0% to 100%
		10	10				000 - 255	Green 2 , 0% to 100%
		11	11				000 - 255	Blue 2 , 0% to 100%
		12	12				000 - 255	Lime 2 , 0% to 100%
		13	13				000 - 255	Red 3 , 0% to 100%
		14	14				000 - 255	Green 3 , 0% to 100%
		15	15				000 - 255	Blue 3 , 0% to 100%
		16	16				000 - 255	Lime 3 , 0% to 100%
			17				000 - 255	Red 4 , 0% to 100%
			18				000 - 255	Green 4 , 0% to 100%
			19				000 - 255	Blue 4 , 0% to 100%
			20				000 - 255	Lime 4 , 0% to 100%
			21				000 - 255	Red 5 , 0% to 100%
			22				000 - 255	Green 5 , 0% to 100%
			23				000 - 255	Blue 5 , 0% to 100%
			24				000 - 255	Lime 5 , 0% to 100%
			25				000 - 255	Red 6 , 0% to 100%
			26				000 - 255	Green 6 , 0% to 100%
			27				000 - 255	Blue 6 , 0% to 100%
			28				000 - 255	Lime 6 , 0% to 100%
			29				000 - 255	Red 7 , 0% to 100%
			30				000 - 255	Green 7 , 0% to 100%
			31				000 - 255	Blue 7 , 0% to 100%
			32				000 - 255	Lime 7 , 0% to 100%
			33				000 - 255	Red 8 , 0% to 100%
			34				000 - 255	Green 8 , 0% to 100%
			35				000 - 255	Blue 8 , 0% to 100%
			36				000 - 255	Lime 8 , 0% to 100%

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CHANNEL							DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	Std RGBW 31	CMY Std	CMY Ext		
			37				000 - 255	Red 9 , 0% to 100%
			38				000 - 255	Green 9 , 0% to 100%
			39				000 - 255	Blue 9 , 0% to 100%
			40				000 - 255	Lime 9 , 0% to 100%
			41				000 - 255	Red 10 , 0% to 100%
			42				000 - 255	Green 10 , 0% to 100%
			43				000 - 255	Blue 10 , 0% to 100%
			44				000 - 255	Lime 10 , 0% to 100%
			45				000 - 255	Red 11 , 0% to 100%
			46				000 - 255	Green 11 , 0% to 100%
			47				000 - 255	Blue 11 , 0% to 100%
			48				000 - 255	Lime 11 , 0% to 100%
			49				000 - 255	Red 12 , 0% to 100%
			50				000 - 255	Green 12 , 0% to 100%
			51				000 - 255	Blue 12 , 0% to 100%
			52				000 - 255	Lime 12 , 0% to 100%
			53				000 - 255	Red 13 , 0% to 100%
			54				000 - 255	Green 13 , 0% to 100%
			55				000 - 255	Blue 13 , 0% to 100%
			56				000 - 255	Lime 13 , 0% to 100%
			57				000 - 255	Red 14 , 0% to 100%
			58				000 - 255	Green 14 , 0% to 100%
			59				000 - 255	Blue 14 , 0% to 100%
			60				000 - 255	Lime 14 , 0% to 100%
			61				000 - 255	Red 15 , 0% to 100%
			62				000 - 255	Green 15 , 0% to 100%
			63				000 - 255	Blue 15 , 0% to 100%
			64				000 - 255	Lime 15 , 0% to 100%
			65				000 - 255	Red 16 , 0% to 100%
			66				000 - 255	Green 16 , 0% to 100%
			67				000 - 255	Blue 16 , 0% to 100%
			68				000 - 255	Lime 16 , 0% to 100%
			69				000 - 255	Red 17 , 0% to 100%
			70				000 - 255	Green 17 , 0% to 100%
			71				000 - 255	Blue 17 , 0% to 100%
			72				000 - 255	Lime 17 , 0% to 100%
			73				000 - 255	Red 18 , 0% to 100%
			74				000 - 255	Green 18 , 0% to 100%
			75				000 - 255	Blue 18 , 0% to 100%
			76				000 - 255	Lime 18 , 0% to 100%
			77				000 - 255	Red 19 , 0% to 100%

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CHANNEL							DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	Std RGBW 31	CMY Std	CMY Ext		
			78				000 - 255	Green 19 , 0% to 100%
			79				000 - 255	Blue 19 , 0% to 100%
			80				000 - 255	Lime 19 , 0% to 100%
					5	5	000 - 255	Cyan , 0% to 100%
						6	000 - 255	Cyan Fine , 0% to 100%
					6	7	000 - 255	Magenta , 0% to 100%
						8	000 - 255	Magenta Fine , 0% to 100%
					7	9	000 - 255	Yellow , 0% to 100%
						10	000 - 255	Yellow Fine , 0% to 100%
	9	17	81	9	8	11	000 - 255	Color Temperature , Linear 2700K - 10000K
								Color Temperature Presets
							000	No function
							001 - 060	2700K
							061 - 179	3000K
							180 - 201	3200K
							202 - 207	4000K
							208 - 229	4500K
							230 - 234	5000K
							235 - 239	5600K
							240 - 244	6500K
							245 - 249	8000K
							250 - 255	10000K
7	10	18	82	10	9	12		Virtual Foreground Color Wheel
							000	Open
							001 - 060	Virtual Swatch Colors (see Virtual Swatch Colors section)
							061 - 179	Open
							180 - 201	Color Scroll Clockwise, fast to slow
							202 - 207	Stop
							208 - 229	Color Scroll Counter-Clockwise, slow to fast
							230 - 234	Open
							235 - 239	Random Slots Fast
							240 - 244	Random Slots Medium
							245 - 249	Random Slot Slow
							250 - 255	Open

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CHANNEL							DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	Std RGBW 31	CMY Std	CMY Ext		
								<i>Virtual Background Color Wheel</i>
							000	Open
							001 - 060	Virtual Swatch Colors (see Virtual Swatch Colors section)
							061 - 179	Open
							180 - 201	Color Scroll Clockwise, fast to slow
							202 - 207	Stop
							208 - 229	Color Scroll Counter-Clockwise, slow to fast
							230 - 234	Open
							235 - 239	Random Slots Fast
							240 - 244	Random Slots Medium
							245 - 249	Random Slots Slow
							250 - 255	Open
8	13	21	85	13	12	15	000 - 255	<i>Color Macros</i> (see Color Macros section)
								<i>Foreground Effect Macro</i>
							000	Open
							001 - 060	Macro 1
							061 - 179	Macro 2
							180 - 201	Macro 3
							202 - 207	Macro 4
							208 - 229	Macro 5
							230 - 234	Macro 6
							235 - 239	Macro 7
							240 - 244	Macro 8
							245 - 255	No function
10	15	23	87	15	14	17	000 - 255	<i>Foreground Effect Macro Speed</i> , slow to fast
11	16	24	88	16	15	18	000 - 255	<i>Foreground Effect Macro Fade</i> , min to max

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CHANNEL							DMX VALUES	FUNCTION	
Basic	Std	Ext 40	Ext 104	Std RGBW 31	CMY Std	CMY Ext			
12	17	25	89	17	16	19		Background Effect Macro	
							000	Open	
							001 - 060	Macro 1	
							061 - 179	Macro 2	
							180 - 201	Macro 3	
							202 - 207	Macro 4	
							208 - 229	Macro 5	
							230 - 234	Macro 6	
							235 - 239	Macro 7	
							240 - 244	Macro 8	
							245 - 255	No function	
13	18	26	90	18	17	20	000 - 255	Background Effect Macro Speed , slow to fast	
14	19	27	91	19	18	21	000 - 255	Background Effect Macro Fade , min to max	
		28	92			19	22		Color Temperature Red to Green
								000	No function
								001 - 255	Shift CT red to green
15	20	29	93	20	20	23		Shutter	
							000 - 031	Shutter closed (LEDs off)	
							032 - 063	Shutter open (LEDs on)	
							064 - 095	Strobe effect, slow to fast	
							096 - 127	Shutter open (LEDs on)	
							128 - 159	Pulse effect in sequences	
							160 - 191	Shutter open (LEDs on)	
							192 - 223	Random strobe effect, slow to fast	
224 - 255	Shutter open (LEDs on)								
16	21	30	94	21	21	24	000 - 255	Dimmer , 0% to 100%	
	22	31	95	22	22	25	000 - 255	Dimmer Fine	
17	23	32	96	23	23	26	000 - 255	Zoom , wide to narrow	
	24	33	97	24	24	27	000 - 255	Zoom Fine	
	25	34	98	25	25	28		Dim Modes	
							000 - 020	Default to unit setting	
							021 - 040	Standard	
							041 - 060	Stage	
							061 - 080	TV	
							081 - 100	Architectural	
							101 - 120	Theatre	
							121 - 140	Stage 2	

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CHANNEL							DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	Std RGBW 31	CMY Std	CMY Ext		
	25	34	98	25	25	28		<i>Dimming Speed</i>
							141	0.1 s
							142	0.2 s
							143	0.3 s
							144	0.4 s
							145	0.5 s
							146	0.6 s
							147	0.7 s
							148	0.8 s
							149	0.9 s
							150	1.0 s
							151	1.5 s
							152	2.0 s
							153	3.0 s
							154	4.0 s
							155	5.0 s
							156	6.0 s
							157	7.0 s
							158	8.0 s
							159	9.0 s
160	10.0 s							
161 - 255	Default to unit settings							
	26	35	99	26	26	29		<i>Dim Curves</i>
							000 - 020	Square
							021 - 040	Linear
							041 - 060	Inv. Squa.
							061 - 080	S. Curve
							081 - 255	No function
	27	36	100	27	27	30		<i>Internal Programs</i>
							000 - 009	No function
							010 - 019	Program 1
							020 - 029	Program 2
							030 - 039	Program 3
							040 - 049	Program 4
							050 - 059	Program 5
							060 - 069	Program 6
							070 - 079	Program 7
							080 - 089	Program 8
							090 - 099	Program 9
							100 - 109	Program 10
110 - 119	Program 11							

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CHANNEL							DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	Std RGBW 31	CMY Std	CMY Ext		
18	27	36	100	27	27	30		Internal Programs (continued)
							120 - 129	Program 12
							130 - 139	Program 13
							140 - 149	Program 14
							150 - 159	Program 15
							160 - 169	Program 16
							170 - 179	Program 17
							180 - 189	Program 18
							190 - 199	Program 19
							200 - 209	Program 20
							210 - 255	No function
19	28	37	101	28	28	31	000 - 255	Program Speed , slow to fast
20	29	38	102	29	29	32	000 - 255	Program Fade , min to max
21	30	39	103	30	30	33	000 - 255	Pan/Tilt Speed , max to min
22	31	40	104	31	31	34		Special Function
							000 - 010	Default Refresh Rate (1200 Hz)
							011	900 Hz
							012	910 Hz
							013	920 Hz
							014	930 Hz
							015	940 Hz
							016	950 Hz
							017	960 Hz
							018	970 Hz
							019	980 Hz
							020	990 Hz
							021	1000 Hz
							022	1010 Hz
							023	1020 Hz
							024	1030 Hz
							025	1040 Hz
							026	1050 Hz
							027	1060 Hz
							028	1070 Hz
029	1080 Hz							
030	1090 Hz							
031	1100 Hz							
032	1110 Hz							
033	1120 Hz							

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CHANNEL							DMX VALUES	FUNCTION	
Basic	Std	Ext 40	Ext 104	STD RGBW 31	CMY Std	CMY Ext			
22	31	40	104	31	31	34		<i>Special Function (continued)</i>	
								034	1130 Hz
								035	1140 Hz
								036	1150 Hz
								037	1160 Hz
								038	1170 Hz
								039	1180 Hz
								040	1190 Hz
								041	1210 Hz
								042	1220 Hz
								043	1230 Hz
								044	1240 Hz
								045	1250 Hz
								046	1260 Hz
								047	1270 Hz
								048	1280 Hz
								049	1290 Hz
								050	1300 Hz
								051	1310 Hz
								052	1320 Hz
								053	1330 Hz
								054	1340 Hz
								055	1350 Hz
								056	1360 Hz
								057	1370 Hz
								058	1380 Hz
								059	1390 Hz
								060	1400 Hz
								061	1410 Hz
								062	1420 Hz
	063	1430 Hz							
	064	1440 Hz							
	065	1450 Hz							
	066	1460 Hz							
	067	1470 Hz							
	068	1480 Hz							
	069	1490 Hz							
	070	1500 Hz							
	071	2500 Hz							
	072	4000 Hz							

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CHANNEL							DMX VALUES	FUNCTION
Basic	Std	Ext 40	Ext 104	Std RGBW 31	CMY Std	CMY Ext		
22	31	40	104	31	31	34		<i>Special Functions (cont'd)</i>
							073	5000 Hz
							074	6000 Hz
							075	10 KHz
							076	15 KHz
							077	20 KHz
							078	25 KHz
							079	No function
							080 - 089	Enable blackout while pan/tilt moving
							090 - 099	Disable blackout while pan/tilt moving
							100 - 105	Fan Mode Low (hold 3s)
							106 - 111	Fan Mode High (hold 3s)
							112 - 117	Fan Mode Auto (hold 3s)
							118 - 122	Enable Pan Invert (hold 3s)
							123 - 127	Disable Pan Invert (hold 3s)
							128 - 132	Enable Tilt Invert (hold 3s)
							133 - 139	Disable Tilt Invert (hold 3s)
							140 - 149	Reset All
							150 - 159	Reset Pan/Tilt
							160 - 169	Reset Effect
							170 - 174	Enable Zoom Speed Fast
							175 - 179	Disable Zoom Speed Fast
							180 - 182	Enable White Calibration (hold 3s)
							183 - 185	Disable White Fixed Values (hold 3s)
							186 - 189	Fan Mode Mute (hold 3s)
190 - 193	Enable Zoom Mode 2 (hold 2s)							
194 - 197	Disable Zoom Mode 2 (hold 3s)							
198 - 255	No function							