

# RELATION KL CYC S - DMX TRAITS

Dimmer 1Ch.	RGB 4Ch.	CCT 4Ch.	HSI 4Ch.	HSI EXT. 12Ch.	CMY 11Ch.	CMY EXT. 16Ch.	Std. 13Ch.	Ext. 20Ch.	Std. 2 Zone 19Ch.	Ext. 2 Zone 32Ch.	DMX Values	Function	Snap	Default Value
1	1	1	1	1	1	1	1	1	1	1	0-255	<b>Dimmer</b> Intensity 0 → 100%		0
		2	2	2	2	2	2	2	2	2	0-255	<b>Dimmer Fine</b> Fine Adjustment		0
				3	3	3	3	3	3	3	0-31	<b>Shutter/Strobe</b> Shutter closed		50
											32-63	No function (shutter open)		
											64-95	Strobe effect slow to fast		
											96-127	No function (shutter open)		
											128-159	Pulse-effect in sequences		
											160-191	No function (shutter open)		
											192-223	Random strobe effect slow to fast		
											224-255	No function (shutter open)		
	2						4	4	4	4	0-255	<b>Red</b> 0 → 100%		0
								5		5	0-255	<b>Red Fine</b> Fine Adjustment		0
	3						5	6	5	6	0-255	<b>Green</b> 0 → 100%		0
								7			0-255	<b>Green Fine</b> Fine Adjustment		0
	4						6	8	6	8	0-255	<b>Blue</b> 0 → 100%		0
								9		9	0-255	<b>Blue Fine</b> Fine Adjustment		0
							7	10	7	10	0-255	<b>Mint</b> 0 → 100%		0
								11		11	0-255	<b>Mint Fine</b> Fine Adjustment		0
							8	12	8	12	0-255	<b>Amber</b> 0 → 100%		0
								13		13	0-255	<b>Amber Fine</b> Fine Adjustment		0
									9	14	0-255	<b>Red 2</b> 0 → 100%		0
										15	0-255	<b>Red Fine 2</b> Fine Adjustment		0
									10	16	0-255	<b>Green 2</b> 0 → 100%		0
										17	0-255	<b>Green Fine 2</b> Fine Adjustment		0
									11	18	0-255	<b>Blue 2</b> 0 → 100%		0
										19	0-255	<b>Blue Fine 2</b> Fine Adjustment		0
									12	20	0-255	<b>Mint 2</b> 0 → 100%		0
										21	0-255	<b>Mint Fine 2</b> Fine Adjustment		0
									13	22	0-255	<b>Amber 2</b> 0 → 100%		0
										23	0-255	<b>Amber Fine 2</b> Fine Adjustment		0

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					4	4					0-255	<b>Cyan</b> 0 → 100%		0
						5					0-255	<b>Cyan Fine</b> Fine Adjustment		0
						6					0-255	<b>Magenta</b> 0 → 100%		0
						7					0-255	<b>Magenta Fine</b> Fine Adjustment		0
					6	8					0-255	<b>Yellow</b> 0 → 100%		0
						9					0-255	<b>Yellow Fine</b> Fine Adjustment		0
			3	4	3	4					0-255	<b>Hue</b> 0 → 360°		255
			4	5	4	5					0-255	<b>Saturation</b> 0 → 100%		255
		3		6	7	10	9	14	14	24		<b>Variable CCT</b> 0-26 Open 27-85 2400K → 8500K (See Sheet) 86-255 8500K		0
									15	25		<b>Variable CCT 2</b> 0-26 Open 27-85 2400K → 8500K (See Sheet) 86-255 8500K		0
				7	8	11	10	15	16	26		<b>CCT Cross Fade</b> 0 CCT 255 Color Mix		0
												<b>Color</b> 0 Open 1-179 Virtual Swatch Book (See Table) <b>Color Scroll</b> 180-201 Clockwise Fast → Slow 202-207 Stop 208-229 Counter-clockwise Slow → Fast 230-234 Open <b>Random Slots</b> 235-239 Fast 240-244 Medium 245-249 Slow 250-255 Open		0
		4		9		13		17			28	<b>Green Shift</b> 0 Idle 1-127 Full Minus Green to Neutral 128 Neutral White 129-255 Neutral to Full Plus Green		0
											29	<b>Green Shift 2</b> 0 Idle 1-127 Full Minus Green to Neutral 128 Neutral White 129-255 Neutral to Full Plus Green		0
				10	10	4	12	18	18	30		<b>EdgeLight Level</b> 0-10 Off 11-20 Default 21-255 Intensity Min → Max		0

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												<b>Dim Modes</b>		
											0-20	Standard		
											21-40	Stage		
											41-60	TV		
											61-80	Architectural		
											81-100	Theatre		
											101-120	Stage 2		
												<b>Dimmer Delay Time</b>		
											121	0s		
											122	0.1s		
											123	0.2s		
											124	0.3s		
											125	0.4s		
											126	0.5s		
				11		15				31	127	0.6s	X	0
											128	0.7s		
											129	0.8s		
											130	0.9s		
											131	1.0s		
											132	1.5s		
											133	2.0s		
											134	3.0s		
											135	4.0s		
											136	5.0s		
											137	6.0s		
											138	7.0s		
											139	8.0s		
											140	9.0s		
											141	10s		
											142-255	Idle		
												<b>Control</b>		
											0-69	Idle		
												<b>EdgeLite Control</b>		
											70-74	Disabled		
											75-79	Always ON		
											80-84	DMX		
											85-94	Red		
											95-99	Blue		
												<b>Refresh Rate (Hz)</b>		
											100	900		
											101	910		
											102	920		
											103	930		
											104	940		
											105	950		
											106	960		
											107	970		
											108	980		
											109	990		
											110	1000		
											111	1010		
											112	1020		
											113	1030		
											114	1040		
											115	1050		
											116	1060		
											117	1070		
											118	1080		
											119	1090		
											120	1100		
											121	1110		
											122	1120		
											123	1130		
											124	1140		
											125	1150		
				12	11	16	13	20	19	32		<b>Control</b>		
											0-69	Idle		
												<b>EdgeLite Control</b>		
											70-74	Disabled		
											75-79	Always ON		
											80-84	DMX		
											85-94	Red		
											95-99	Blue		
												<b>Refresh Rate (Hz)</b>		
											100	900		
											101	910		
											102	920		
											103	930		
											104	940		
											105	950		
											106	960		
											107	970		
											108	980		
											109	990		
											110	1000		
											111	1010		
											112	1020		
											113	1030		
											114	1040		
											115	1050		
											116	1060		
											117	1070		
											118	1080		
											119	1090		
											120	1100		
											121	1110		
											122	1120		
											123	1130		
											124	1140		
											125	1150		

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											121	1110		
											122	1120		
											123	1130		
											124	1140		
											125	1150		
											126	1160		
											127	1170		
											128	1180		
											129	1190		
											130	1200		
											131	1210		
											132	1220		
											133	1230		
											134	1240		
											135	1250		
											136	1260		
											137	1270		
											138	1280		
											139	1290		
											140	1300		
											141	1310		
											142	1320		
											143	1330		
											144	1340		
											145	1350		
											146	1360		
				12	11	16	13	20	19	32	147	1370		
											148	1380	X	0
											149	1390		
											150	1400		
											151	1410		
											152	1420		
											153	1430		
											154	1440		
											155	1450		
											156	1460		
											157	1470		
											158	1480		
											159	1490		
											160	1500		
											161	2500		
											162	4000		
											163	5000		
											164	6000		
											165	10000		
											166	15000		
											167	20000		
											168	25000		
											169-200	Idle		
												<b>Dimmer Curves</b>		
											201-210	Dimmer Curve: Linear (Default)		
											211-220	Dimmer Curve: Square		
											221-230	Dimmer Curve: Inverse Square		
											231-240	Dimmer Curve: S-Curve		
											241-255	Idle		

# COLOR TEMPERATURE

DMX VALUE	COLOR TEMPERATURE (K)	DMX VALUE	COLOR TEMPERATURE (K)
24	2400	63	6300
25	2500	64	6400
26	2600	65	6500
27	2700	66	6600
28	2800	67	6700
29	2900	68	6800
30	3000	69	6900
31	3100	70	7000
32	3200	71	7100
33	3300	72	7200
34	3400	73	7300
35	3500	74	7400
36	3600	75	7500
37	3700	76	7600
38	3800	77	7700
39	3900	78	7800
40	4000	79	7900
41	4100	80	8000
42	4200	81	8100
43	4300	82	8200
44	4400	83	8300
45	4500	84	8400
46	4600	85	8500
47	4700		
48	4800		
49	4900		
50	5000		
51	5100		
52	5200		
53	5300		
54	5400		
55	5500		
56	5600		
57	5700		
58	5800		
59	5900		
60	6000		
61	6100		
62	6200		

# VIRTUAL GEL SWATCH BOOK COLORS

VALUE	FILTER #	COLOR	VALUE	FILTER #	COLOR
1	7	Pale Yellow	31	126	Mauve
2	103	Straw	32	49	Medium Purple
3	151	Gold Tint	33	58	Lavender
4	100	Spring Yellow	34	199	Palace Blue
5	10	Medium Yellow	35	119	Dark Blue
6	101	Yellow	36	132	Medium Blue
7	104	Deep Amber	37	120	Deep Blue
8	15	Deep Straw	38	165	Daylight Blue
9	179	Loving Amber	39	161	Slate Blue
10	21	Gold Amber	40	118	Light Blue
11	105	Orange	41	68	Sky Blue
12	158	Deep Orange	42	143	Pale Navy Blue
13	22	Dark Amber	43	131	Marine Blue
14	778	Millennium Gold	44	115	Peacock Blue
15	135	Deep Golden Amber	45	172	Lagoon Blue
16	24	Scarlet	46	116	Medium Blue Green
17	106	Primary Red	47	90	Dark Yellow Green
18	26	Bright Red	48	139	Primary Green
19	27	Medium Red	49	122	Fern Green
20	19	Fire	50	89	Moss Green
21	157	Pink	51	124	Dark Green
22	36	Medium Pink	52	88	Lime Green
23	111	Dark Pink	53	138	Pale Green
24	128	Bright Pink	54	203	Quarter CT Blue
25	148	Bright Rose	55	202	Half CT Blue
26	332	Special Rose Pink	56	201	FULL CT Blue
27	793	Vanity Fair	57	200	Double CT Blue
28	113	Magenta	58	206	Quarter CT Orange
29	46	Dark Magenta	59	205	Half CT Orange
30	48	Rose Purple	60	204	FULL CT Orange