

ELATION KL SPOT IP - DMX TRAITS

Standard	Extended	RGB	RGB Extended	CMY	CMY Extended	DMX Values	Function	Snap	Default Value
1	1	1	1			0-255	Red, 0 → 100%		0
	2		2			0-255	Red Fine, Fine Adjustment		0
2	3	2	3			0-255	Green, 0 → 100%		0
	4		4			0-255	Green Fine, Fine Adjustment		0
3	5	3	5			0-255	Blue, 0 → 100%		0
	3		6			0-255	Blue Fine, Fine Adjustment		0
4	7					0-255	Mint, 0 → 100%		0
	8					0-255	Mint Fine, Fine Adjustment		0
5	9					0-255	Amber 0 → 100%		0
	10					0-255	Amber Fine, Fine Adjustment		0
				1	1	0-255	Cyan, 0 → 100%		0
					2	0-255	Cyan Fine, Fine Adjustment		0
				2	3	0-255	Magenta, 0 → 100%		0
					4	0-255	Magenta Fine, Fine Adjustment		0
				3	5	0-255	Yellow, 0 → 100%		0
					6	0-255	Yellow Fine, Fine Adjustment		0
							Variable CCT		
6	11	4	7	4	7	0-23	Open		0
						24-85	2400K → 8500K (See Sheet)		
						86-255	8500K		
							Color		
						0	Open		
						1-179	Virtual Swatch Book (See Sheet)		
							Scroll		
						180-201	Clockwise Fast → Slow		
						202-207	Stop		
7	12	5	8	5	8	208-229	Counter-clockwise Slow → Fast		0
						230-234	Open		
							Random Slots		
						235-239	Fast		
						240-244	Medium		
						245-249	Slow		
						250-255	Open		
							Green Shift		
	13		9		9	0	Idle		0
						1-127	Full Minus Green to Neutral		
						128	Neutral White		
						129-255	Neutral to Full Plus Green		
							CCT Crossfade		
	14		10		10	0	CCT		0
						1-254	Blend CCT → Color Mix		
						255	Color Mix		

ELATION KL SPOT IP - DMX TRAITS

Standard	Extended	RGB	RGB Extended	CMY	CMY Extended	DMX Values	Function	Snap	Default Value
8	15	6	11	6	11		Rotating Gobo Wheel		0
						0-9	Open		
						10-19	Rotating Gobo 1		
						20-29	Rotating Gobo 2		
						30-39	Rotating Gobo 3		
						40-49	Rotating Gobo 4		
						50-59	Rotating Gobo 5		
						60-69	Rotating Gobo 6		
						70-89	Gobo 1 Shake Slow → Fast		
						90-109	Gobo 2 Shake Slow → Fast		
						110-129	Gobo 3 Shake Slow → Fast		
						130-149	Gobo 4 Shake Slow → Fast		
						150-169	Gobo 5 Shake Slow → Fast		
						170-189	Gobo 6 Shake Slow → Fast		
							Scroll		
						190-221	Clockwise Fast → Slow		
222-223	Stop								
224-255	Counter-clockwise Slow → Fast								
9	16	7	12	7	12		Rotating Gobo Index/ Rotation		0
						0-127	Index Position		
							Rotate		
						128-189	Clockwise Fast → Slow		
						190-193	Stop		
194-255	Counter-clockwise Slow → Fast								
10	17	8	13	8	13	0-255	Rotating Gobo Index/ Rotation Fine Adjustment		0
11	18	9	14	9	14		Fixed Gobo	X	0
						0-9	Open		
						10-19	Gobo 1		
						20-29	Gobo 2		
						30-39	Gobo 3		
						40-49	Gobo 4		
						50-59	Gobo 5		
						60-69	Gobo 6		
						70-77	Gobo 7		
						78-93	Gobo 1 shake slow to fast		
						94-109	Gobo 2 shake slow to fast		
						110-125	Gobo 3 shake slow to fast		
						126-141	Gobo 4 shake slow to fast		
						142-157	Gobo 5 shake slow to fast		
						158-173	Gobo 6 shake slow to fast		
						174-189	Gobo 7 shake slow to fast		
	Scroll								
190-221	Clockwise Fast → Slow								
222-223	Stop								
224-255	Counter-clockwise Slow → Fast								

ELATION KL SPOT IP - DMX TRAITS

Standard	Extended	RGB	RGB Extended	CMY	CMY Extended	DMX Values	Function	Snap	Default Value
12	19	10	15	10	15		Prism	X	0
						0-5	Open		
						6-31	Prism 1		
						32-127	Prism 2		
						128-255	Idle		
13	20	11	16	11	16		Prism Index/ Rotation		64
						0-127	Index Position		
							Rotate		
						128-189	Clockwise Fast → Slow		
						190-193	Stop		
						194-255	Counter-clockwise Slow → Fast		
14	21	12	17	12	17	0-255	Focus , Infinity → Near		127
15	22	13	18	13	18	0-255	Focus Fine , Fine Adjustment		127
16	23	14	19	14	19	0-255	Zoom , Narrow → Wide		127
17	24	15	20	15	20	0-255	Zoom Fine , Fine Adjustment		127
18	25	16	21	16	21		Strobe		50
						0-31	Closed		
						32-63	Open		
						64-95	Strobe effect slow to fast		
						96-127	Open		
						128-159	Pulse Effect		
						160-191	Open		
192-223	Random Slow → Fast								
						224-255	Open		
19	26	17	22	17	22	0-255	Dimmer , 0 → 100%		0
20	27	18	23	18	23	0-255	Dimmer Fine , Fine Adjustment	X	0
	28		24		24		Dim Modes		0
						0-20	Standard		
						21-40	Stage		
						41-60	TV		
						61-80	Architectural		
						81-100	Theatre		
						101-120	Stage 2		
							Dimmer Delay Time		
						121	0s		
						122	0.1s		
						123	0.2s		
						124	0.3s		
						125	0.4s		
						126	0.5s		
						127	0.6s		
						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		

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Standard	Extended	RGB	RGB Extended	CMY	CMY Extended	DMX Values	Function	Snap	Default Value
21	29	19	25	19	25	0-255	Frost , Open → Closed		0
22	30	20	26	20	26		Animation Wheel		0
						0-7	Open		
						8-255	Animation Min → Max		
23	31	21	27	21	27		Animation Index/ Rotation		64
						0-127	Index Position		
							Rotate		
						128-189	Clockwise Fast → Slow		
						190-193	Stop		
		194-255	Counter-clockwise Slow → Fast						
24	32	22	28	22	28		Control	X	0
						0-19	Wheel Snap		
						20-39	Wheel Fade		
							Fan Mode		
						40-44	Studio		
						45-49	Mute		
						50-59	Low		
						60-69	High		
						70-79	Auto (default)		
							Reset		
						80-84	All		
						85-90	Idle		
						91-93	Gobo		
						94-96	Focus and Zoom		
						97-99	Other		
							Refresh Rate (Hz)		
						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								

ELATION KL SPOT IP - DMX TRAITS

Standard	Extended	RGB	RGB Extended	CMY	CMY Extended	DMX Values	Function	Snap	Default Value
24	32	22	28	22	28	126	1160	X	0
						127	1170		
						128	1180		
						129	1190		
						130	1200 (default)		
						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		
						147	1370		
						148	1380		
						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		
							Dimmer Curves		
						201-210	Linear		
						211-220	Square		
						221-230	Inverse Square		
231-240	S-Curve (Default)								
241-255	Idle								

RELATION KL SPOT IP - DMX TRAITS, FRAMING MODULE

Standard	Extended	RGB	RGB Extended	CMY	CMY Extended	DMX Values	Function	Snap	Default Value
1	1	1	1			0-255	Red, 0 → 100%		0
	2		2			0-255	Red Fine, Fine Adjustment		0
2	3	2	3			0-255	Green, 0 → 100%		0
	4		4			0-255	Green Fine, Fine Adjustment		0
3	5	3	5			0-255	Blue, 0 → 100%		0
	3		6			0-255	Blue Fine, Fine Adjustment		0
4	7					0-255	Mint, 0 → 100%		0
	8					0-255	Mint Fine, Fine Adjustment		0
5	9					0-255	Amber 0 → 100%		0
	10					0-255	Amber Fine, Fine Adjustment		0
				1	1	0-255	Cyan, 0 → 100%		0
					2	0-255	Cyan Fine, Fine Adjustment		0
				2	3	0-255	Magenta, 0 → 100%		0
					4	0-255	Magenta Fine, Fine Adjustment		0
				3	5	0-255	Yellow, 0 → 100%		0
					6	0-255	Yellow Fine, Fine Adjustment		0
							Variable CCT		
6	11	4	7	4	7	0-23	Open		0
						24-85	2400K → 8500K (See Sheet)		
						86-255	8500K		
							Color		
						0	Open		0
						1-179	Virtual Swatch Book (See Sheet)		
							Scroll		
						180-201	Clockwise Fast → Slow		
						202-207	Stop		
						208-229	Counter-clockwise Slow → Fast		
						230-234	Open		
							Random Slots		
						235-239	Fast		
						240-244	Medium		
						245-249	Slow		
						250-255	Open		
							Green Shift		0
	13		9		9	0	Idle		
						1-127	Full Minus Green to Neutral		
						128	Neutral White		
						129-255	Neutral to Full Plus Green		
							CCT Crossfade		0
	14		10		10	0	CCT		
						1-254	Blend CCT → Color Mix		
						255	Color Mix		

RELATION KL SPOT IP - DMX TRAITS, FRAMING MODULE

Standard	Extended	RGB	RGB Extended	CMY	CMY Extended	DMX Values	Function	Snap	Default Value
8	15	6	11	6	11		Rotating Gobo Wheel		0
						0-9	Open		
						10-19	Rotating Gobo 1		
						20-29	Rotating Gobo 2		
						30-39	Rotating Gobo 3		
						40-49	Rotating Gobo 4		
						50-59	Rotating Gobo 5		
						60-69	Rotating Gobo 6		
						70-89	Gobo 1 Shake Slow → Fast		
						90-109	Gobo 2 Shake Slow → Fast		
						110-129	Gobo 3 Shake Slow → Fast		
						130-149	Gobo 4 Shake Slow → Fast		
						150-169	Gobo 5 Shake Slow → Fast		
						170-189	Gobo 6 Shake Slow → Fast		
							Scroll		
						190-221	Clockwise Fast → Slow		
222-223	Stop								
224-255	Counter-clockwise Slow → Fast								
9	16	7	12	7	12		Rotating Gobo Index/ Rotation		0
						0-127	Index Position		
							Rotate		
						128-189	Clockwise Fast → Slow		
						190-193	Stop		
194-255	Counter-clockwise Slow → Fast								
10	17	8	13	8	13	0-255	Rotating Gobo Index/ Rotation Fine Adjustment		0
11	18	9	14	9	14		Fixed Gobo	X	0
						0-9	Open		
						10-19	Gobo 1		
						20-29	Gobo 2		
						30-39	Gobo 3		
						40-49	Gobo 4		
						50-59	Gobo 5		
						60-69	Gobo 6		
						70-77	Gobo 7		
						78-93	Gobo 1 shake slow to fast		
						94-109	Gobo 2 shake slow to fast		
						110-125	Gobo 3 shake slow to fast		
						126-141	Gobo 4 shake slow to fast		
						142-157	Gobo 5 shake slow to fast		
						158-173	Gobo 6 shake slow to fast		
						174-189	Gobo 7 shake slow to fast		
	Scroll								
190-221	Clockwise Fast → Slow								
222-223	Stop								
224-255	Counter-clockwise Slow → Fast								

RELATION KL SPOT IP - DMX TRAITS, FRAMING MODULE

Standard	Extended	RGB	RGB Extended	CMY	CMY Extended	DMX Values	Function	Snap	Default Value		
12	19	10	15	10	15		Prism	X	0		
						0-5	Open				
						6-31	Prism 1				
						32-127	Prism 2				
						128-255	Idle				
13	20	11	16	11	16		Prism Index/ Rotation		64		
						0-127	Index Position				
							Rotate				
						128-189	Clockwise Fast → Slow				
						190-193	Stop				
						194-255	Counter-clockwise Slow → Fast				
14	21	12	17	12	17	0-255	Focus , Infinity → Near		127		
15	22	13	18	13	18	0-255	Focus Fine , Fine Adjustment		127		
16	23	14	19	14	19	0-255	Zoom , Narrow → Wide		127		
17	24	15	20	15	20	0-255	Zoom Fine , Fine Adjustment		127		
18	25	16	21	16	21		Strobe		50		
						0-31	Closed				
						32-63	Open				
						64-95	Strobe effect slow to fast				
						96-127	Open				
						128-159	Pulse Effect				
						160-191	Open				
192-223	Random Slow → Fast										
						224-255	Open				
19	26	17	22	17	22	0-255	Dimmer , 0 → 100%		0		
20	27	18	23	18	23	0-255	Dimmer Fine , Fine Adjustment		0		
	28		24		24		Dim Modes	X	0		
						0-20	Standard				
						21-40	Stage				
						41-60	TV				
						61-80	Architectural				
						81-100	Theatre				
						101-120	Stage 2				
							Dimmer Delay Time				
						121	0s				
						122	0.1s				
						123	0.2s				
						124	0.3s				
						125	0.4s				
						126	0.5s				
						127	0.6s				
						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				

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Standard	Extended	RGB	RGB Extended	CMY	CMY Extended	DMX Values	Function	Snap	Default Value
21	29	19	25	19	25		Iris		0
						0 – 191	Open → Closed		
						192-223	Opening Pulse Fast → Slow		
						224-255	Closing Pulse Slow → Fast		
22	30	20	26	20	26	0-255	Frost , Open → Closed		0
23	31	21	27	21	27		Animation Wheel		0
						0-7	Open		
						8-255	Animation Min → Max		
24	32	22	28	22	28		Animation Index/ Rotation		64
						0-127	Index Position		
							Rotate		
						128-189	Clockwise Fast → Slow		
						190-193	Stop		
						194-255	Counter-clockwise Slow → Fast		
25	33	23	29	23	29	0-255	Blade 1 A , Open → Closed		0
	34		30		30	0-255	Blade 1 A Fine , Fine Adjustment		0
26	35	24	31	24	31	0-255	Blade 1 B , Open → Closed		0
	36		32		32	0-255	Blade 1 B Fine , Fine Adjustment		0
27	37	25	33	25	33	0-255	Blade 2 A , Open → Closed		0
	38		34		34	0-255	Blade 2 A Fine , Fine Adjustment		0
28	39	26	35	26	35	0-255	Blade 2 B , Open → Closed		0
	40		36		36	0-255	Blade 2 B Fine , Fine Adjustment		0
29	41	27	37	27	37	0-255	Blade 3 A , Open → Closed		0
	42		38		38	0-255	Blade 3 A Fine , Fine Adjustment		0
30	43	28	39	28	39	0-255	Blade 3 B , Open → Closed		0
	44		40		40	0-255	Blade 3 B Fine , Fine Adjustment		0
31	45	29	41	29	41	0-255	Blade 4 A , Open → Closed		0
	46		42		42	0-255	Blade 4 A Fine , Fine Adjustment		0
32	47	30	43	30	43	0-255	Blade 4 B , Open → Closed		0
	48		44		44	0-255	Blade 4 B Fine , Fine Adjustment		0
							Framing Rotation		127
						0-126	Min (-60°)		
						127-128	Parallel (0°)		
						129-255	Max (+60°)		

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Standard	Extended	RGB	RGB Extended	CMY	CMY Extended	DMX Values	Function	Snap	Default Value
34	50	32	46	32	46		Control	X	0
						0-19	Wheel Snap		
						20-39	Wheel Fade		
							Fan Mode		
						40-44	Studio		
						45-49	Mute		
						50-59	Low		
						60-69	High		
						70-79	Auto (default)		
							Reset		
						80-84	All		
						85-90	Idle		
						91-93	Gobo		
						94-96	Focus and Zoom		
						97-99	Other		
							Refresh Rate (Hz)		
						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								
126	1160								
127	1170								
128	1180								
129	1190								

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Standard	Extended	RGB	RGB Extended	CMY	CMY Extended	DMX Values	Function	Snap	Default Value
34	50	32	46	32	46	130	1200 (default)	X	0
						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		
						147	1370		
						148	1380		
						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								
	Dimmer Curves								
201-210	Linear								
211-220	Square								
221-230	Inverse Square								
231-240	S-Curve (Default)								
241-255	Idle								