

# RELATION KL FRESNEL 8 FC - DMX TRAITS

1 Ch	5 Ch	7 Ch	11 Ch	12 Ch	19 Ch	20 Ch	10 Ch	15 Ch	16 Ch	14 Ch	DMX Values	Function	Snap	Def Value
1	1	1		1	1	1	1	1	1	1		<b>Dimmer</b>		0
											0 - 255	Intensity 0 →100%		
	2	2		2	2	2	2	2	2	2		<b>Dimmer Fine</b>		0
											0 - 255	Fine Intensity Control		
												<b>Shutter / Strobe</b>		
											0 - 31	Shutter closed		
											32 - 63	No function (shutter open)		
											64 - 95	Strobe effect, slow to fast		
		3		3	3	3	3	3	3	3	96 - 127	No function (shutter open)		50
											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)		
			1	4	4	4						<b>Red</b>		
											0 - 255	0 →100%		
			2		5	5						<b>Red Fine</b>		
											0 - 255	Fine Adjustment		
			3	5	6	6						<b>Green</b>		
											0 - 255	0 →100%		
			4		7	7						<b>Green Fine</b>		
											0 - 255	Fine Adjustment		
			5	6	8	8						<b>Blue</b>		
											0 - 255	0 →100%		
			6		9	9						<b>Blue Fine</b>		
											0 - 255	Fine Adjustment		
			7	7	10	10						<b>Mint</b>		
											0 - 255	0 →100%		
			8		11	11						<b>Mint Fine</b>		
											0 - 255	Fine Adjustment		
			9	8	12	12						<b>Amber</b>		
											0 - 255	0 →100%		
			10		13	13						<b>Amber Fine</b>		
											0 - 255	Fine Adjustment		
							4	4	4			<b>Cyan</b>		
											0 - 255	0 →100%		
								5	5			<b>Cyan Fine</b>		
											0 - 255	Fine Adjustment		
							5	6	6			<b>Magenta</b>		
											0 - 255	0 →100%		
								7	7			<b>Magenta Fine</b>		
											0 - 255	Fine Adjustment		

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1 Ch	5 Ch	7 Ch	11 Ch	12 Ch	19 Ch	20 Ch	10 Ch	15 Ch	16 Ch	14 Ch	DMX Values	Function	Snap	Def Value
							6	8	8			<b>Yellow</b>		
											0 - 255	0 → 100%		
								9	9			<b>Yellow Fine</b>		
											0 - 255	Fine Adjustment		
										4		<b>x Coordinate</b>		
											0 - 255	0 → 100%		
										5		<b>x Coordinate Fine</b>		
											0 - 255	Fine Adjustment		
										6		<b>y Coordinate</b>		
											0 - 255	0 → 100%		
										7		<b>y Coordinate Fine</b>		
											0 - 255	Fine Adjustment		
		4		9	14		7	10				<b>CCT Presets</b>		
											0 - 23	Open	X	
											24 - 85	2400K → 8500K (See Color Temperature Table)		
											86 - 255	8500K		
	3					14			10	8		<b>Variable CCT</b>		
											0 - 23	Open		
											24 - 255	2400K → 8500K		
	4					15			11	9		<b>Variable CCT Fine</b>		
											0 - 255	Fine Adjustment		
												<b>Green Shift</b>		
											0	Idle		
					15	16		11	12	10	1 - 127	Full Minus Green to Neutral		
											128	Neutral White		
											129 - 255	Neutral to Full Plus Green		
												<b>Color</b>		
											0	Open		
											1 - 179	Virtual Swatch Book (see Virtual Gel Swatch Book Color)		
												<b>Color Scroll</b>		
											180 - 201	Clockwise, fast to slow		
											202 - 207	Stop		
											208 - 229	Counter-clockwise, slow to fast		
											230 - 234	Open		
		5		10	16	17	8	12	13	11		<b>Random Slots</b>		
											235 - 239	Fast		
											240 - 244	Medium		
											245 - 249	Slow		
											250 - 255	Open		

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	5	6	11	11	17	18	9	13	14	12		<b>Zoom</b>		127
											0 - 255	Narrow → Wide		
												<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		
											127	0.6s		
											128	0.7s		
					18	19					129	0.8s		
											130	0.9s	X	0
											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	10.0s		
											142 - 149	Idle		
												<b>Dim to Warm</b>		
											150 - 154	DTW On		
											155 - 159	DTW Off		
											160 - 255	Idle		

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1 Ch	5 Ch	7 Ch	11 Ch	12 Ch	19 Ch	20 Ch	10 Ch	15 Ch	16 Ch	14 Ch	DMX Values	Function	Snap	Def Value
												<b>Control</b>		
											0 - 29	Idle		
											30 - 39	Fan Mode Auto		
											40 - 49	Fan Mode Mute		
											50 - 59	Fan Mode Silent		
											60 - 69	Fan Mode High		
											70 - 99	Idle		
												<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		
		7		12	19	20	10	15	16	14	112	1020	X	0
											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		
											130	1200		
											131	1210		
											132	1220		

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1 Ch	5 Ch	7 Ch	11 Ch	12 Ch	19 Ch	20 Ch	10 Ch	15 Ch	16 Ch	14 Ch	DMX Values	Function	Snap	Def Value
												<b>Refresh Rate (Hz) (continued)</b>		
											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		
		7		12	19	20	10	15	16	14	150	1400	X	0
											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	10000		
											165	15000		
											166	20000		
											167	25000		
											169 - 174	Idle		

# ELATION KL FRESNEL 8 FC - DMX TRAITS

1 Ch	5 Ch	7 Ch	11 Ch	12 Ch	19 Ch	20 Ch	10 Ch	15 Ch	16 Ch	14 Ch	DMX Values	Function	Snap	Def Value
												<b>Color Tuning</b>	X	0
											175 - 176	Highest Fidelity		
											177 - 178	Balanced Output and Fidelity		
											179 - 180	Highest Output (Default)		
												<b>Output Balance</b>		
											181 - 182	Bright (Highest Output) (Default)		
		7		12	19	20	10	15	16	14	183 - 184	Uniform (Elation Full Spectrum Match)		
											185 - 200	Idle		
												<b>Dimmer Curves</b>		
											201 - 210	Linear		
											211 - 220	Square		
											221 - 230	Inverse Square		
											231 - 240	S-Curve (default)		
											241 - 255	Idle		