ELATION SOL I ACL - DMX TRAITS

Dim. 1CH	Dim. & CCT 4CH	Dim Strobe CCT 5CH	IRGB 6CH	Raw Color 7CH	DMX Values	Function	Snap	Default Value
1	1	1	1		0-255	**Dimmer**		0
						Intensity 0 → 100%		
		2				**Shutter/Strobe**		50
					0-31	Shutter closed		
					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	1	0-255	**Red**		0
						0 → 100%		
			3	2	0-255	**Green**		0
						0 → 100%		
			4	3	0-255	**Blue**		0
						0 → 100%		
				4	0-255	**Lime**		0
						0 → 100%		
				5	0-255	**Amber**		0
						0 → 100%		
	2	3				**CCT Presets**	X	0
					0-17	Open		
					18-85	1800K → 8500K (See Sheet)		
					86-255	8500K		
	3	4	5	6	0-255	**Zoom**		127
						Narrow → Wide		
	4	5	6	7		**Zoom Effects**		0
					0-20	No function		
					21-72	Zoom Slow → Fast		
					73-79	Stop Effect (Fixture Stops at Current Zoom)		
					80-133	Zoom Ramp Narrow → Wide; Fast → Slow		
					134-139	Stop Effect (Fixture Stops at Current Zoom)		
					140-194	Zoom Ramp Wide → Narrow; Slow → Fast		
					195-200	Stop Effect (Fixture Stops at Current Zoom)		
					201-255	Zoom Random Fast → Slow		

DMX TRAITS

Dim./ CCT/ Color Picker 9CH	Std. 14CH	Ext. 21CH	RGB 12CH	RGB Ext. 17CH	CMY 12CH	CMY Ext. 17CH	DMX Values	Function	Snap	Default Value
1	1	1	1	1	1	1	0-255	**Dimmer**		0
								Intensity 0 → 100%		
2	2	2	2	2	2	2	0-255	**Dimmer Fine**		0
								Fine Intensity Control		
3	3	3	3	3	3	3		**Shutter/Strobe**		50
							0-31	Shutter closed		
							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)		
	4	4	4	4			0-255	**Red**		0
								0 → 100%		
		5		5			0-255	**Red Fine**		0
								Fine Adjustment		
	5	6	5	6			0-255	**Green**		0
								0 → 100%		
		7		7			0-255	**Green Fine**		0
								Fine Adjustment		
	6	8	6	8			0-255	**Blue**		0
								0 → 100%		
		9		9			0-255	**Blue Fine**		0
								Fine Adjustment		
	7	10					0-255	**Lime**		0
								0 → 100%		
		11					0-255	**Lime Fine**		
								Fine Adjustment		
	8	12					0-255	**Amber**		0
								0 → 100%		
		13					0-255	**Amber Fine**		0
								Fine Adjustment		
					4	4	0-255	**Cyan**		0
								0 → 100%		
						5	0-255	**Cyan Fine**		0
								Fine Adjustment		
					5	6	0-255	**Magenta**		0
								0 → 100%		
						7	0-255	**Magenta Fine**		0
								Fine Adjustment		
					6	8	0-255	**Yellow**		0
								0 → 100%		
						9	0-255	**Yellow Fine**		0
								Fine Adjustment		

DMX TRAITS

Dim./ CCT/ Color Picker 9CH	Std. 14CH	Ext. 21CH	RGB 12CH	RGB Ext. 17CH	CMY 12CH	CMY Ext. 17CH	DMX Values	Function	Snap	Default Value
4	9		7		7			**CCT Presets**	X	0
							0-17	Open		
							18-85	1800K → 8500K (See Sheet)		
							86-255	8500K		
		14		10		10		**Variable CCT**		0
							0-17	Open		
							18-255	1800K → 8500K		
		15		11		11	0-255	**Variable CCT Fine**		0
								Fine Adjustment		
5	10	16	8	12	8	12		**Green Shift**		0
							0	Idle		
							1-127	Full Minus Green to Neutral		
							128	Neutral White		
							129-255	Neutral to Full Plus Green		
6	11	17	9	13	9	13		**Color**		0
							0	Open		
							1-179	Virtual Swatch Book (See Table)		
								Color 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		
7	12	18	10	14	10	14	0-255	**Zoom**		127
								Narrow → Wide		
8	13	19	11	15	11	15		**Zoom Effects**		0
							0-20	No function		
							21-72	Zoom Slow → Fast		
							73-79	Stop Effect (Fixture Stops at Current Zoom)		
							80-133	Zoom Ramp Narrow → Wide; Fast → Slow		
							134-139	Stop Effect (Fixture Stops at Current Zoom)		
							140-194	Zoom Ramp Wide → Narrow; Slow → Fast		
							195-200	Stop Effect (Fixture Stops at Current Zoom)		
							201-255	Zoom Random Fast → Slow		
		20		16		16		**Dim Modes**	X	0
							0-20	Standard		
							21-40	Stage		
							41-60	TV		
							61-80	Architectural		
							81-100	Theatre		
							101-120	Stage 2		

DMX TRAITS

Dim./ CCT/ Color Picker 9CH	Std. 14CH	Ext. 21CH	RGB 12CH	RGB Ext. 17CH	CMY 12CH	CMY Ext. 17CH	DMX Values	Function	Snap	Default Value
								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		
		20		16		16	133	2.0s	X	0
							134	3.0s		
							135	4.0s		
							136	5.0s		
							137	6.0s		
							138	7.0s		
							139	8.0s		
							140	9.0s		
							141	10s		
							142-149	Idle		
								Dim to Warm		
							150-154	DTW On		
							155-159	DTW Off		
							160-255	Idle		
								Control		
							0-24	Idle		
							25-34	Blinder Output Mode (Default)		
							35-44	Constant Output Mode		
							45-69	Idle		
								Reset		
							70-79	Reset Zoom		
							80-99	Idle		
								Refresh Rate (Hz)		
							100	900		
							101	910		
							102	920		
							103	930		
							104	940		
							105	950		
							106	960		
							107	970		
9	14	21	12	17	12	17	108	980	X	0
							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		

DMX TRAITS

Dim./ CCT/ Color Picker 9CH	Std. 14CH	Ext. 21CH	RGB 12CH	RGB Ext. 17CH	CMY 12CH	CMY Ext. 17CH	DMX Values	Function	Snap	Default Value
9	14	21	12	17	12	17	126	1160	X	0
							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		
							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		
							169-174	Idle		
								Color Tuning		
							175-176	Highest Fidelity		
							177-178	Balanced Output and Fidelity		
							179-180	Highest Output (Default)		
								Output Balance		
							181-182	Bright (Highest Output) (Default)		
							183-184	Uniform (Elation Full Spectrum Match)		
							185-200	Idle		
								Dimmer Curves		
							201-210	Dimmer Curve: Linear		
							211-220	Dimmer Curve: Square		
							221-230	Dimmer Curve: Inverse Square		
							231-240	Dimmer Curve: S-Curve (Default)		
							241-255	Idle		

COLOR TEMPERATURE

Colors shown are an approximate representation. **https://www.luxalight.eu/en/cie-convertor**

DMX VALUE	COLOR TEMPERATURE (K)	DMX VALUE	COLOR TEMPERATURE (K)
18	1800	52	5200
19	1900	53	5300
20	2000	54	5400
21	2100	55	5500
22	2200	56	5600
23	2300	57	5700
24	2400	58	5800
25	2500	59	5900
26	2600	60	6000
27	2700	61	6100
28	2800	62	6200
29	2900	63	6300
30	3000	64	6400
31	3100	65	6500
32	3200	66	6600
33	3300	67	6700
34	3400	68	6800
35	3500	69	6900
36	3600	70	7000
37	3700	71	7100
38	3800	72	7200
39	3900	73	7300
40	4000	74	7400
41	4100	75	7500
42	4200	76	7600
43	4300	77	7700
44	4400	78	7800
45	4500	79	7900
46	4600	80	8000
47	4700	81	8100
48	4800	82	8200
49	4900	83	8300
50	5000	84	8400
51	5100	85	8500

VIRTUAL 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