ELATION FUZE PROFILE+ - DMX TRAITS

STD	EXT	RGB	RGB EXT	CMY	CMY EXT	Fuze Profile STD	DMX Values	Function	Snap	Default Value
1	1	1	1	1	1	1	000-255	**Pan** Left → Right		127
2	2	2	2	2	2	2	000-255	**Pan Fine** Fine Position		127
3	3	3	3	3	3	3	000-255	**Tilt** Forward → Backward		127
4	4	4	4	4	4	4	000-255	**Tilt Fine** Fine Position		127
5	5	5	5			5	000-255	**Red** 0 → 100%		255
	6		6				000-255	**Red Fine** Fine Saturation		255
6	7	6	7			6	000-255	**Green** 0 → 100%		255
	8		8				000-255	**Green Fine** Fine Saturation		255
7	9	7	9			7	000-255	**Blue** 0 → 100%		255
	10		10				000-255	**Blue Fine** Fine Saturation		255
8	11					8	000-255	**Mint** 0 → 100%		255
	12						000-255	**Mint Fine** Fine Saturation		255
9	13					9	000-255	**Amber** 0 → 100%		255
	14						000-255	**Amber Fine** Fine Saturation		255
				5	5		000-255	**Cyan** 0 → 100%		0
					6		000-255	**Cyan Fine** Fine Saturation		0
				6	7		000-255	**Magenta** 0 → 100%		0
					8		000-255	**Magenta Fine** Fine Saturation		0
				7	9		000-255	**Yellow** 0 → 100%		0
					10		000-255	**Yellow Fine** Fine Saturation		0

DMX TRAITS

STD	EXT	RGB	RGB EXT	CMY	CMY EXT	Fuze Profile STD	DMX Values	Function	Snap	Default Value
10		8		8		10		**CCT Presets**		0
							000-023	Open (6000K)		
							024-085	2400K → 8500K (See Sheet)		
							086-255	8500K		
	15		11		11			**Variable CCT**		0
							000-023	Open (6000K)		
							024-255	2400K → 8500K		
	16		12		12			**Variable CCT Fine**		0
								Fine Adjustment		
	17		13		13			**Green Shift**		0
							000	Idle		
							001-127	Full Minus Green to Neutral		
							128	Neutral White		
							129-255	Neutral to Full Plus Green		
11	18	9	14	9	14	11		**Color**		0
							000	Open		
							001-179	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		

DMX TRAITS

STD	EXT	RGB	RGB EXT	CMY	CMY EXT	Fuze Profile STD	DMX Values	Function	Snap	Default Value
12	19	10	15	10	15			**Rotating Gobo Wheel**	X	0
							000-009	Open		
							010-019	Rotating Gobo 1		
							020-029	Rotating Gobo 2		
							030-039	Rotating Gobo 3		
							040-049	Rotating Gobo 4		
							050-059	Rotating Gobo 5		
							060-069	Rotating Gobo 6		
							070-077	Rotating Gobo 7		
							078-093	Gobo 1 Shake Slow → Fast		
							094-109	Gobo 2 Shake Slow → Fast		
							110-125	Gobo 3 Shake Slow → Fast		
							166-141	Gobo 4 Shake Slow → Fast		
							142-157	Gobo 5 Shake Slow → Fast		
							158-173	Gobo 6 Shake Slow → Fast		
							174-189	Gobo 7 Shake Slow → Fast		
								Scroll		
							190-221	Clockwise Fast → Slow		
							222-223	Stop		
							224-255	Counter-clockwise Slow → Fast		
						12		**Rotating Gobo Wheel**	X	0
							000-009	Open		
							010-019	Rotating Gobo 1		
							020-029	Rotating Gobo 2		
							030-039	Rotating Gobo 3		
							040-049	Rotating Gobo 4		
							050-059	Rotating Gobo 5		
							060-069	Rotating Gobo 6		
							070-089	Gobo 1 Shake Slow → Fast		
							090-109	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		
13	20	11	16	11	16	13		**Rotating Gobo Index/Rotation**		0
							000-127	Index Position		
								Rotate		
							128-189	Clockwise Fast → Slow		
							190-193	Stop		
							194-255	Counter-clockwise Slow → Fast		
14	21	12	17	12	17	14	000-255	**Rotating Gobo Index/Rotation Fine**		0
								Fine Adjustment		

DMX TRAITS

STD	EXT	RGB	RGB EXT	CMY	CMY EXT	Fuze Profile STD	DMX Values	Function	Snap	Default Value
15	22	13	18	13	18			**Fixed Gobo Wheel**	X	0
							000-005	Open		
							006-012	Gobo 1		
							013-019	Gobo 2		
							020-026	Gobo 3		
							027-033	Gobo 4		
							034-040	Gobo 5		
							041-047	Gobo 6		
							048-054	Gobo 7		
							055-061	Gobo 8		
							062-077	Gobo 1 Shake Slow → Fast		
							078-093	Gobo 2 Shake Slow → Fast		
							094-109	Gobo 3 Shake Slow → Fast		
							110-125	Gobo 4 Shake Slow → Fast		
							126-141	Gobo 5 Shake Slow → Fast		
							142-157	Gobo 6 Shake Slow → Fast		
							158-173	Gobo 7 Shake Slow → Fast		
							174-189	Gobo 8 Shake Slow → Fast		
								Scroll		
							190-221	Clockwise Fast → Slow		
							222-223	Stop		
							224-255	Counter-clockwise Slow → Fast		
						15		**Fixed Gobo Wheel**	X	0
							000-009	Open		
							010-019	Gobo 1		
							020-029	Gobo 2		
							030-039	Gobo 3		
							040-049	Gobo 4		
							050-059	Gobo 5		
							060-069	Gobo 6		
							070-077	Gobo 7		
							078-093	Gobo 1 Shake Slow → Fast		
							094-109	Gobo 2 Shake Slow → Fast		
							110-125	Gobo 3 Shake Slow → Fast		
							166-141	Gobo 4 Shake Slow → Fast		
							142-157	Gobo 5 Shake Slow → Fast		
							158-173	Gobo 6 Shake Slow → Fast		
							174-189	Gobo 7 Shake Slow → Fast		
								Scroll		
							190-221	Clockwise Fast → Slow		
							222-223	Stop		
							224-255	Counter-clockwise Slow → Fast		

DMX TRAITS

STD	EXT	RGB	RGB EXT	CMY	CMY EXT	Fuze Profile STD	DMX Values	Function	Snap	Default Value
16	23	14	19	14	19			**Prism**	X	0
							000-005	Open		
							006-127	Prism 1		
							128-255	Idle		
						16		**Prism, Prism/Gobo Mactos**	X	0
							000-063	Open		
							064-095	Prism		
							096-127	Idle		
							128-135	Prism/Gobo Macro1		
							136-143	Prism/Gobo Macro2		
							144-151	Prism/Gobo Macro3		
							152-159	Prism/Gobo Macro4		
							160-167	Prism/Gobo Macro5		
							168-175	Prism/Gobo Macro6		
							176-183	Prism/Gobo Macro7		
							184-191	Prism/Gobo Macro8		
							192-199	Prism/Gobo Macro9		
							200-207	Prism/Gobo Macro10		
							208-215	Prism/Gobo Macro11		
							216-223	Prism/Gobo Macro12		
							224-231	Prism/Gobo Macro13		
							232-239	Prism/Gobo Macro14		
							240-247	Prism/Gobo Macro15		
							248-255	Prism/Gobo Macro16		
17	24	15	20	15	20	17		**Prism Index/Rotation**		64
							000-127	Index Position		
								Rotate		
							128-189	Clockwise Fast → Slow		
							190-193	Stop		
							194-255	Counter-clockwise Slow → Fast		
18	25		21		21			**Prism Index/Rotation Fine**		127
								Fine Adjustment		
19	26	16	22	16	22			**Prism 2**	X	0
							000-005	Open		
							006-127	Prism 1		
							128-255	Idle		
20	27	17	23	17	23	17		**Prism 2 Index/Rotation**		64
							000-127	Index Position		
								Rotate		
							128-189	Clockwise Fast → Slow		
							190-193	Stop		
							194-255	Counter-clockwise Slow → Fast		
21	28		24		24		000-255	**Prism 2 Index/Rotation Fine**		127
								Fine Adjustment		

DMX TRAITS

STD	EXT	RGB	RGB EXT	CMY	CMY EXT	Fuze Profile STD	DMX Values	Function	Snap	Default Value
22	29	18	25	18	25	18	000-255	**Focus**		127
								Infinity → Near		
23	30	19	26	19	26	19	000-255	**Focus Fine**		127
								Fine Adjustment		
24	31	20	27	20	27	20	000-255	**Zoom**		127
								Narrow → Wide		
25	32	21	28	21	28	21	000-255	**Zoom Fine**		127
								Fine Adjustment		
26	33	22	29	22	29	22		**Strobe**	X	50
							000-031	Closed		
							032-063	Open		
							064-095	Strobe effect slow to fast		
							096-127	Open		
							128-159	Pulse Effect		
							160-191	Open		
							192-223	Random Slow → Fast		
							224-255	Open		
27	34	23	30	23	30	23	000-255	**Dimmer**		0
								0 → 100%		
28	35	24	31	24	31	24	000-255	**Dimmer Fine**		0
								Fine Adjustment		
36		32		32			000	Idle	X	0
								Dimmer Modes		
							001-020	Standard		
							021-040	Stage		
							041-060	TV		
							061-080	Architectural		
							081-100	Theatre		
							101-120	Stage 2		
								Dimmer 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		
							142-149	Idle		
								Dim to Warm		
							150-154	DTW On		
							155-159	DTW Off		
							160-255	Idle		

DMX TRAITS

STD	EXT	RGB	RGB EXT	CMY	CMY EXT	Fuze Profile STD	DMX Values	Function	Snap	Default Value
29	37	25	33	25	33	25	000–255	**Iris**		0
								Open → Closed		
	38		34		34		000–255	**Iris Fine**		0
								Fine Adjustment		
30	39	26	35	26	35		000–255	**Frost (Light)**		0
								Open → Closed		
31	40	27	36	27	36	26	000–255	**Frost (Wash)**		0
								Open → Closed		
32	41	28	37	28	37	27		**Animation Wheel**		0
							000-007	Open		
							008-255	Animation Min → Max		
33	42	29	38	29	38	28		**Animation Index/ Rotation**		64
							000-127	Index Position		
								Rotate		
							128-189	Clockwise Fast → Slow		
							190-193	Stop		
							194-255	Counter-clockwise Slow → Fast		
34	43	30	39	30	39	29	000-255	**Blade 1 A**		0
								Open → Closed		
	44		40		40		000-255	**Blade 1 A Fine**		0
								Fine Adjustment		
35	45	31	41	31	41	30	000-255	**Blade 1 B**		0
								Open → Closed		
	46		42		42		000-255	**Blade 1 B Fine**		0
								Fine Adjustment		
36	47	32	43	32	43	31	000-255	**Blade 2 A**		0
								Open → Closed		
	48		44		44		000-255	**Blade 2 A Fine**		0
								Fine Adjustment		
37	49	33	45	33	45	32	000-255	**Blade 2 B**		0
								Open → Closed		
	50		46		46		000-255	**Blade 2 B Fine**		0
								Fine Adjustment		
38	51	34	47	34	47	33	000-255	**Blade 3 A**		0
								Open → Closed		
	52		48		48		000-255	**Blade 3 A Fine**		0
								Fine Adjustment		
39	53	35	49	35	49	34	000-255	**Blade 3 B**		0
								Open → Closed		
	54		50		50		000-255	**Blade 3 B Fine**		0
								Fine Adjustment		
40	55	36	51	36	51	35	000-255	**Blade 4 A**		0
								Open → Closed		
	56		52		52		000-255	**Blade 4 A Fine**		0
								Fine Adjustment		
41	57	37	53	37	53	36	000-255	**Blade 4 B**		0
								Open → Closed		
	58		54		54		000-255	**Blade 4 B Fine**		0
								Fine Adjustment		
42	59	38	55	38	55	37		**Framing Rotation**		127
							000-126	Min (-60°)		
							127-128	Parallel (0°)		
							129-255	Max (+60°)		
	60		56		56		000-255	**Framing Rotation Fine**		0
								Fine Adjustment		

DMX TRAITS

STD	EXT	RGB	RGB EXT	CMY	CMY EXT	Fuze Profile STD	DMX Values	Function	Snap	Default Value
								Pan / Tilt Speed		
							000-225	Max → Min Speed		
	61		57		57		226-235	Blackout by movement	X	0
							236-245	Blackout by wheel changes		
							246-255	No function		
								Control		
							000-019	Wheel Snap		
							020-039	Wheel Fade		
							040-044	Fan Mode Studio		
							045-049	Fan Mode Mute		
							050-059	Fan Mode Low		
							060-069	Fam Mode High		
							070-079	Fan Mode Auto (Default)		
								Reset		
							080-084	All		
							085-087	Pan / Tilt		
							088-090	Gobo		
							091-093	Focus and Zoom		
							094-096	Others		
							097-129	Idle		
								Refresh Rate (Hz)		
							130-139	1200		
							140-149	1300		
							150-159	1400		
							160	1500		
							161	2500		
43	62	39	58	39	58	38	162	4000	X	0
							163	5000		
							164	6000		
							165	10000		
							166	15000		
							167	20000		
							168	25000 (default)		
							169-179	Idle		
								Color Tuning		
							180	Highest Fidelity		
							181	Balanced Output and Fidelity		
							182	Highest Output (Default)		
								Output Balance		
							183	Bright (Highest Output)		
							184	Uniform (Elation Full Spectrum Match)		
							185-200	Idle		
								Dimmer Curves		
							201-210	Linear		
							211-220	Square		
							221-230	Inverse Square		
							231-240	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)
24	2400	55	5500
25	2500	56	5600
26	2600	57	5700
27	2700	58	5800
28	2800	59	5900
29	2900	60	6000
30	3000	61	6100
31	3100	62	6200
32	3200	63	6300
33	3300	64	6400
34	3400	65	6500
35	3500	66	6600
36	3600	67	6700
37	3700	68	6800
38	3800	69	6900
39	3900	70	7000
40	4000	71	7100
41	4100	72	7200
42	4200	73	7300
43	4300	74	7400
44	4400	75	7500
45	4500	76	7600
46	4600	77	7700
47	4700	78	7800
48	4800	79	7900
49	4900	80	8000
50	5000	81	8100
51	5100	82	8200
52	5200	83	8300
53	5300	84	8400
54	5400	85	8500

VIRTUAL COLORS (COLOR MACROS)

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