ELATION PROTEUS LUCIUS OPS - DMX TRAITS

Features subject to change without notice

MODE/CHANNEL		VALUE	FUNCTION	DEFAULT	SNAP
STANDARD	EXTENDED				
1	1	0-255	**Pan** Left → Right	127	
2	2	0-255	**Pan Fine** Fine Position	127	
3	3	0-255	**Tilt** Forward → Backward	127	
4	4	0-255	**Tilt Fine** Fine Position	127	
5	5	0-255	**Cyan** Cyan(0 → 100%)		
	6	0-255	**Cyan Fine** Fine Saturation		
6	7	0-255	**Magenta** Magenta(0 → 100%)		
	8	0-255	**Magenta Fine** Fine Saturation		
7	9	0-255	**Yellow** Yellow(0 → 100%)		
	10	0-255	**Yellow Fine** Fine Saturation		
8	11	0-255	**CTO** Cold → Warm		
	12	0-255	**CTO Fine** Fine Saturation		
9	13		**Color**		X
		0-7	Open		
		8-31	Red		
		32-55	Green		
		56-79	High CRI		
		80-103	Orange		
		104-127	Medium Blue		
			Scroll		
		128-189	Clockwise Fast → Slow		
		190-193	Stop		
		194-255	Counter-clockwise Slow → Fast		
	14	0-255	**Color Fine** Position		X

DMX TRAITS

Features subject to change without notice					
MODE/CHANNEL		VALUE	FUNCTION	DEFAULT	SNAP
STANDARD	EXTENDED				
10	15		**Rotating Gobo 1**	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		
		70-89	Gobo 1 shake slow to fast		
		90-109	Gobo 2 shake slow to fast		
		110-129	Gobo 3 shake slow to fast		
		130-149	Gobo 4 shake slow to fast		
		150-169	Gobo 5 shake slow to fast		
		170-189	Gobo 6 shake slow to fast		
			Scroll		
		190-221	Clockwise Fast → Slow		
		222-223	Stop		
		224-255	Counter-clockwise Slow → Fast		
11	16		**Rotating Gobo 1 Index/ Rotation**		0
		0-127	Index Position		
			Rotate		
		128-189	Clockwise Fast → Slow		
		190-193	Stop		
		194-255	Counter-clockwise Slow → Fast		
12	17	0-255	Rotating Gobo Index/ Rotation Fine		0
			Index Position		
13	18		**Rotating Gobo 2**	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		
14	19		**Rotating Gobo 2 Index/ Rotation**		0
		0-127	Index Position		
			Rotate		
		128-189	Clockwise Fast → Slow		
		190-193	Stop		
		194-255	Counter-clockwise Slow → Fast		
15	20	0-255	Rotating Gobo 2 Index/ Rotation Fine		0
			Index Position		

DMX TRAITS

Features subject to change without notice					
MODE/CHANNEL		VALUE	FUNCTION	DEFAULT	SNAP
STANDARD	EXTENDED				
16	21		**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		
	22	0-255	**Fixed Gobo Fine**		0
			Position		
17	23		**Rotating Prism 1**	X	0
		0-63	Open		
		64-127	4-Facet		
		128-135	Macro1		
		136-143	Macro2		
		144-151	Macro3		
		152-159	Macro4		
		160-167	Macro5		
		168-175	Macro6		
		176-183	Macro7		
		184-191	Macro8		
		192--199	Macro9		
		200-207	Macro10		
		208-215	Macro11		
		216-223	Macro12		
		224-231	Macro13		
		232-239	Macro14		
		240-247	Macro15		
		248-255	Macro16		
18	24		**Rotating Prism 1 Index/Rotation**		0
		0-127	Index Position		
			Rotate		
		128-189	Clockwise Fast → Slow		
		190-193	Stop		
		194-255	Counter-clockwise Slow → Fast		
	25	0-255	**Rotating Prism 1 Index/Rotation Fine**		0
			Position		

DMX TRAITS

Features subject to change without notice					
MODE/CHANNEL		VALUE	FUNCTION	DEFAULT	SNAP
STANDARD	EXTENDED				
19	26		**Rotating Prism 2**	X	0
		0-63	Open		
		64-255	4-Facet		
20	27		**Rotating Prism 2 Index/Rotation**		0
		0-127	Index Position		
			Rotate		
		128-189	Clockwise Fast → Slow		
		190-193	Stop		
		194-255	Counter-clockwise Slow → Fast		
	28	0-255	**Rotating Prism 2 Index/Rotation Fine**		0
			Position		
21	29	0-255	**Focus**		127
			Infinity → Near		
22	30	0-255	**Focus Fine**		127
			Fine Adjustment		
23	31	0-255	**Zoom**		127
			Narrow → Wide		
24	32	0-255	**Zoom Fine**		127
			Fine Adjustment		
	33		**Auto Focus**		0
		0-4	Auto Focus Off		
		51-100	5m		
		101-150	7.5m		
		151-200	10m		
		201-255	15m		
	34	0-255	**AutoFocus Fine**		0
			Fine Adjustment		
25	35		**Shutter/Strobe**	X	50
		0-31	Closed		
		32-63	Open		
		64-95	Strobe Slow → Fast		
		96-127	Open		
		128-159	Pulse-effect		
		160-191	Open		
		192-223	Random strobe Slow → Fast		
		224-255	Open		
26	36	0-255	**Dimmer**		0
			Intensity 0 → 100%		
27	37	0-255	**Dimmer Fine**		0
			Fine Adjustment		

DMX TRAITS

Features subject to change without notice					
MODE/CHANNEL		VALUE	FUNCTION	DEFAULT	SNAP
STANDARD	EXTENDED				
28	38		**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		
29	39		**Iris**		0
		0-191	Open → Close		
		192-223	Pulse Closing fast → slow		
		224-255	Pulse Opening slow → fast		
	40	0-255	**Iris Fine**		0
			Fine Adjustment		
30	41	0 – 255	**Frost 1 (Soft)**		0
			Open → Max		
31	42	0 – 255	**Frost 2 (Wash)**		0
			Open → Max		
32	43		**Animation Wheel**		0
		0-7	Open		
		8-255	Animation Min → Max		
33	44		**Animation Index**		64
		0-127	Position		
			Scroll		
		128-189	Clockwise Fast → Slow		
		190-193	Stop		
		194-255	Counter-clockwise Slow → Fast		

DMX TRAITS

Features subject to change without notice					
MODE/CHANNEL		VALUE	FUNCTION	DEFAULT	SNAP
STANDARD	EXTENDED				
	45	0-255	**Color Macro Speed**		0
			Max → Min Speed		
	46		**Color Macros**	X	0
		0-31	OFF		
		32-39	Macro1		
		40-47	Macro2		
		48-55	Macro3		
		56-63	Macro4		
		64-71	Macro5		
		72-79	Macro6		
		80-87	Macro7		
		88-95	Macro8		
		96-103	Macro9		
		104-111	Macro10		
		112-119	Macro11		
		120-127	Macro12		
		128-135	Macro13		
		136-143	Macro14		
		144-151	Macro15		
		152-159	Macro16		
		160-167	Macro17		
		168-175	Macro18		
		176-183	Macro19		
		184-191	Macro20		
		192-199	Macro21		
		200-207	Macro22		
		208-215	Macro23		
		216-223	Macro24		
		224-231	Macro25		
		232-239	Macro26		
		240-247	Macro27		
		248-255	Random CMY		
34	47	0-255	Blade 1 A		0
			Open → Closed		
	48	0-255	**Blade 1 A Fine**		0
			Fine Adjustment		
35	49	0-255	**Blade 1 B**		0
			Open → Closed		
	50	0-255	**Blade 1 B Fine**		0
			Fine Adjustment		
36	51	0-255	**Blade 2 A**		0
			Open → Closed		
	52	0-255	**Blade 2 A Fine**		0
			Fine Adjustment		
37	53	0-255	**Blade 2 B**		0
			Open → Closed		
	54	0-255	**Blade 2 B Fine**		0
			Fine Adjustment		
38	55	0-255	Blade 3 A		0
			Open → Closed		
	56	0-255	Blade 3 A Fine		0
			Fine Adjustment		
39	57	0-255	Blade 3 B		0
			Open → Closed		
	58	0-255	Blade 3 B Fine		0
			Fine Adjustment		

DMX TRAITS

Features subject to change without notice					
MODE/CHANNEL		VALUE	FUNCTION	DEFAULT	SNAP
STANDARD	EXTENDED				
40	59	0-255	Blade 4 A Open → Closed		0
	60	0-255	Blade 4 A Fine Fine Adjustment		0
41	61	0-255	Blade 4 B Open → Closed		0
	62	0-255	Blade 4 B Fine Fine Adjustment		0
42	63		Framing Rotation		127
		0-126	Min (-45°)		
		127-128	Parallel (0°)		
		129-255	Max (+45°)		
	64	0-255	Framing Rotation Fine Fine Adjustment		0
	65	0-255	Framing Macro Speed Max → Min Speed		0
	66		Framing Macro	X	0
		0-7	OFF		
		8-15	Macro1		
		16-23	Macro2		
		24-31	Macro3		
		32-39	Macro4		
		40-47	Macro5		
		48-55	Macro6		
		56-63	Macro7		
		64-71	Macro8		
		72-79	Macro9		
		80-87	Macro10		
		88-95	Macro11		
		96-103	Macro12		
		104-111	Macro13		
		112-119	Macro14		
		120-127	Macro15		
		128-135	Macro16		
		136-143	Macro17		
		144-151	Macro18		
		152-159	Macro19		
		160-167	Macro20		
		168-175	Macro21		
		176-183	Macro22		
		184-191	Macro23		
		192-199	Macro24		
		200-207	Macro25		
		208-215	Macro26		
		216-223	Macro27		
		224-231	Macro28		
		232-239	Macro29		
		240-247	Macro30		
		248-255	Macro31		
	67		Pan / Tilt Speed	X	0
		0-225	Max → Min Speed		
		226-235	Blackout by movement		
		236-245	Blackout by wheel changes		
		246-255	No function		

DMX TRAITS

Features subject to change without notice					
MODE/CHANNEL		VALUE	FUNCTION	DEFAULT	SNAP
STANDARD	EXTENDED				
40	59	0-255	Blade 4 A Open → Closed		0
	60	0-255	Blade 4 A Fine Fine Adjustment		0
41	61	0-255	Blade 4 B Open → Closed		0
	62	0-255	Blade 4 B Fine Fine Adjustment		0
42	63		Framing Rotation		127
		0-126	Min (-45°)		
		127-128	Parallel (0°)		
		129-255	Max (+45°)		
	64	0-255	Framing Rotation Fine Fine Adjustment		0
	65	0-255	Framing Macro Speed Max → Min Speed		0
	66		Framing Macro	X	0
		0-7	OFF		
		8-15	Macro1		
		16-23	Macro2		
		24-31	Macro3		
		32-39	Macro4		
		40-47	Macro5		
		48-55	Macro6		
		56-63	Macro7		
		64-71	Macro8		
		72-79	Macro9		
		80-87	Macro10		
		88-95	Macro11		
		96-103	Macro12		
		104-111	Macro13		
		112-119	Macro14		
		120-127	Macro15		
		128-135	Macro16		
		136-143	Macro17		
		144-151	Macro18		
		152-159	Macro19		
		160-167	Macro20		
		168-175	Macro21		
		176-183	Macro22		
		184-191	Macro23		
		192-199	Macro24		
		200-207	Macro25		
		208-215	Macro26		
		216-223	Macro27		
		224-231	Macro28		
		232-239	Macro29		
		240-247	Macro30		
		248-255	Macro31		
	67		Pan / Tilt Speed	X	0
		0-225	Max → Min Speed		
		226-235	Blackout by movement		
		236-245	Blackout by wheel changes		
		246-255	No function		

DMX TRAITS

Features subject to change without notice					
MODE/CHANNEL		VALUE	FUNCTION	DEFAULT	SNAP
STANDARD	EXTENDED				
43	68		**Control**	X	0
		0-19	Wheel Snap		
		20-29	Color Wheel Fade		
		30-39	Color/Gobo Wheel Fade		
			Fan Mode		
		40-44	Mute		
		45-49	Studio		
		50-59	Low		
		60-69	High		
		70-79	Auto (default)		
			Reset		
		80-84	Fixture		
		85-87	Pan Tilt		
		88-90	Color		
		91-93	Gobo		
		94-96	Focus Zoom		
		97-99	Other Features		
			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		
		130	**1200 (default)**		
		131	1210		
		132	1220		
		133	1230		
		134	1240		

DMX TRAITS

Features subject to change without notice					
MODE/CHANNEL		VALUE	FUNCTION	DEFAULT	SNAP
STANDARD	EXTENDED				
		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		
43	68	161	2500	X	0
		162	4000		
		163	5000		
		164	6000		
		165	10000		
		166	15000		
		167	20000		
		168	25000		
		169-170	Gobo Color Correction disable		
		171-172	Gobo Color Correction enable (default)		
		173-174	Hibernation Off		
		175-176	Hibernation		
		177-178	Sun Protection On		
		179-180	Sun Protection Off		
		181-190	Pan Tilt Smooth		
		191-200	Pan Tilt Fast		
			Dimmer Curve		
		201-210	Linear		
		211-220	Square		
		221-230	Inverse Square		
		231-240	S-Curve		
		241-243	Idle		
		244-245	Display Disable		
		246-247	Display Enable (1h)		
		248-249	Cmy Smooth		
		250-251	Cmy Fast		
		252-255	Idle		