

RELATION SOL IV BLINDER - DMX TRAITS (BASIC)

Dim 1ch	2x Dim 2ch	4x Dim 4ch	Dim/CCT 2ch	2x Dim/CCT 4ch	4x Dim/CCT 8ch	Dim/Str/CCT 3ch	2x Dim/Str/CCT 5ch	4x Dim/Str/CCT 9ch	DMX Values	Function	Snap	Def Value
1	1	1	1	1	1	1	1	1	0-255	Dimmer Intensity 0 → 100%		0
	2	2		2	2		2	2	0-255	Dimmer 2 Intensity 0 → 100%		0
		3			3			3	0-255	Dimmer 3 Intensity 0 → 100%		0
		4			4			4	0-255	Dimmer 4 Intensity 0 → 100%		0
										Shutter/Strobe		
									0-31	Shutter closed		
									32-63	No function (shutter open)		
									64-95	Strobe effect slow to fast		
						2	3	5	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)		
										CCT Presets		
			2	3	5	3	4	6	0-17	Open	X	0
									18-85	1800K → 8500K (see sheet)		
									86-255	8500K		
										CCT Presets 2		
				4	6		5	7	0-17	Open	X	0
									18-85	1800K → 8500K (see sheet)		
									86-255	8500K		
										CCT Presets 3		
					7			8	0-17	Open	X	02
									18-85	1800K → 8500K (see sheet)		
									86-255	8500K		
										CCT Presets 4		
					8			9	0-17	Open	X	0
									18-85	1800K → 8500K (see sheet)		
									86-255	8500K		

RELATION SOL IV BLINDER - DMX TRAITS (COLOR)

IRGB 4ch	2x IRGB 8ch	4x IRGB 16ch	Raw Clr 6ch	2x Raw Clr 12ch	4x Raw Clr 24ch	Dim/ CCT/ Clr 7ch	2x Dim/ CCT/ Clr 10ch	4x Dim/ CCT/ Clr 16ch	DMX Values	Function	Snap	Def Value
1	1	1				1	1	1	0-255	Dimmer Intensity 0 → 100%		0
						2	2	2	0-255	Dimmer Fine Fine Intensity Control		0
	2	2					3	3	0-255	Dimmer 2 Intensity 0 → 100%		0
							4	4	0-255	Dimmer Fine 2 Fine Intensity Control		0
		3						5	0-255	Dimmer 3 Intensity 0 → 100%		0
								6	0-255	Dimmer Fine 3 Fine Intensity Control		0
		4						7	0-255	Dimmer 4 Intensity 0 → 100%		0
								8	0-255	Dimmer Fine 4 Fine Intensity Control		0
						3	5	9		Shutter/Strobe 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)		50
2	3	5	1	1	1				0-255	Red 0 → 100%		0
3	4	6	2	2	2				0-255	Green 0 → 100%		0
4	5	7	3	3	3				0-255	Blue 0 → 100%		0

RELATION SOL IV BLINDER - DMX TRAITS (COLOR)

IRGB 4ch	2x IRGB 8ch	4x IRGB 16ch	Raw Clr 6ch	2x Raw Clr 12ch	4x Raw Clr 24ch	Dim/ CCT/ Clr 7ch	2x Dim/ CCT/ Clr 10ch	4x Dim/ CCT/ Clr 16ch	DMX Values	Function	Snap	Def Value
			4	4	4				0-255	Lime 0 → 100%		0
			5	5	5				0-255	Amber 0 → 100%		0
			6	6	6				0-255	White 0 → 100%		0
	6	8		7	7				0-255	Red 2 0 → 100%		0
	7	9		8	8				0-255	Green 2 0 → 100%		0
	8	10		9	9				0-255	Blue 2 0 → 100%		0
				10	10				0-255	Lime 2 0 → 100%		0
				11	11				0-255	Amber 2 0 → 100%		0
				12	12				0-255	White 2 0 → 100%		0
		11			13				0-255	Red 3 0 → 100%		0
		12			14				0-255	Green 3 0 → 100%		0
		13			15				0-255	Blue 3 0 → 100%		0
					16				0-255	Lime 3 0 → 100%		0
					17				0-255	Amber 3 0 → 100%		0
					18				0-255	White 3 0 → 100%		0
		14			19				0-255	Red 4 0 → 100%		0
		15			20				0-255	Green 4 0 → 100%		0
		16			21				0-255	Blue 4 0 → 100%		0

RELATION SOL IV BLINDER - DMX TRAITS (COLOR)

IRGB 4ch	2x IRGB 8ch	4x IRGB 16ch	Raw Clr 6ch	2x Raw Clr 12ch	4x Raw Clr 24ch	Dim/ CCT/ Clr 7ch	2x Dim/ CCT/ Clr 10ch	4x Dim/ CCT/ Clr 16ch	DMX Values	Function	Snap	Def Value
					22				0-255	Lime 4 0 → 100%		0
					23				0-255	Amber 4 0 → 100%		0
					24				0-255	White 4 0 → 100%		0
						4	6	10		CCT Presets 0-17 Open 18-85 1800K → 8500K (see sheet) 86-255 8500K	X	0
							7	11		CCT Presets 2 0-17 Open 18-85 1800K → 8500K (see sheet) 86-255 8500K	X	0
								12		CCT Presets 3 0-17 Open 18-85 1800K → 8500K (see sheet) 86-255 8500K	X	02
								13		CCT Presets 4 0-17 Open 18-85 1800K → 8500K (see sheet) 86-255 8500K	X	0
						5	8	14		Green Shift 0 Idle 1-127 Full Minus Green to Neutral 128 Neutral White 129-255 Neutral to Full Plus Green		128

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IRGB 4ch	2x IRGB 8ch	4x IRGB 16ch	Raw Clr 6ch	2x Raw Clr 12ch	4x Raw Clr 24ch	Dim/ CCT/ Clr 7ch	2x Dim/ CCT/ Clr 10ch	4x Dim/ CCT/ Clr 16ch	DMX Values	Function	Snap	Def Value
						6	9	15		Color		
									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		0
									230-234	Open		
										Random Slots		
									235-239	Fast		
									240-244	Medium		
									245-249	Slow		
									250-255	Open		
						7	10	16		Control		
									0-24	Idle		
									25-34	Blinder Output Mode		
									35-44	Constant Output Mode		
									45-54	Match Blinder Output Mode		
									55-64	Match Constant Output Mode		
									65-69	Idle		
									70-74	Fan Mode Auto		
									75-79	Fan Mode High		
									80-84	Fan Mode Silent		
									85-99	Idle	X	0
										Refresh Rate (Hz)		
									100	900		
									101	910		
									102	920		
									103	930		
									104	940		
									105	950		
									106	960		
									107	970		

ELATION SOL IV BLINDER - DMX TRAITS (COLOR)

IRGB 4ch	2x IRGB 8ch	4x IRGB 16ch	Raw Clr 6ch	2x Raw Clr 12ch	4x Raw Clr 24ch	Dim/ CCT/ Clr 7ch	2x Dim/ CCT/ Clr 10ch	4x Dim/ CCT/ Clr 16ch	DMX Values	Function	Snap	Def Value
										Refresh Rate (Hz) (continued)		
									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		
						7	10	16	125	1150	X	0
									126	1160		
									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		

ELATION SOL IV BLINDER - DMX TRAITS (COLOR)

IRGB 4ch	2x IRGB 8ch	4x IRGB 16ch	Raw Clr 6ch	2x Raw Clr 12ch	4x Raw Clr 24ch	Dim/ CCT/ Clr 7ch	2x Dim/ CCT/ Clr 10ch	4x Dim/ CCT/ Clr 16ch	DMX Values	Function	Snap	Def Value
										Refresh Rate (Hz) (continued)		
									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		
						7	10	16	160	1500	X	0
									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)		
									183-184	Uniform (Elation Full Spectrum Match)		
									185-200	Idle		

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IRGB 4ch	2x IRGB 8ch	4x IRGB 16ch	Raw Clr 6ch	2x Raw Clr 12ch	4x Raw Clr 24ch	Dim/ CCT/ Clr 7ch	2x Dim/ CCT/ Clr 10ch	4x Dim/ CCT/ Clr 16ch	DMX Values	Function	Snap	Def Value
						7	10	16		Dimmer Curves	X	0
									201-210	Linear		
									211-220	Square		
									221-230	Inverse Square		
									231-240	S-Curve (Default)		
									241-255	Idle		

RELATION SOL IV BLINDER - DMX TRAITS (ADVANCED)

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value	
1	1	1	1	1	1	0-255	Dimmer		0	
							Intensity 0 → 100%			
2	2	2	2	2	2	0-255	Dimmer Fine		0	
							Fine Intensity Control			
3	3	3	3	3	3	0-255	Dimmer 2		0	
							Intensity 0 → 100%			
4	4	4	4	4	4	0-255	Dimmer Fine 2		0	
							Fine Intensity Control			
5	5	5	5	5	5	0-255	Dimmer 3		0	
							Intensity 0 → 100%			
6	6	6	6	6	6	0-255	Dimmer Fine 3		0	
							Fine Intensity Control			
7	7	7	7	7	7	0-255	Dimmer 4		0	
							Intensity 0 → 100%			
8	8	8	8	8	8	0-255	Dimmer Fine 4		0	
							Fine Intensity Control			
9	9	9	9	9	9		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)									
10	10	10	10			0-255	Red		0	
							0 → 100%			
	11		11			0-255	Red Fine		0	
							Fine Adjustment			
11	12	11	12			0-255	Green		0	
							0 → 100%			
	13		13			0-255	Green Fine		0	
							Fine Adjustment			
12	14	12	14			0-255	Blue		0	
							0 → 100%			
	15		15			0-255	Blue Fine		0	
							Fine Adjustment			

ELATION SOL IV BLINDER - DMX TRAITS (ADVANCED)

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
13	16					0-255	Lime		0
							0 → 100%		
	17					0-255	Lime Fine		0
							Fine Adjustment		
14	18					0-255	Amber		0
							0 → 100%		
	19					0-255	Amber Fine		0
							Fine Adjustment		
15	20					0-255	White		0
							0 → 100%		
	21					0-255	White Fine		0
							Fine Adjustment		
16	22	13	16			0-255	Red 2		0
							0 → 100%		
	23		17			0-255	Red Fine 2		0
							Fine Adjustment		
17	24	14	18			0-255	Green 2		0
							0 → 100%		
	25		19			0-255	Green Fine 2		0
							Fine Adjustment		
18	26	15	20			0-255	Blue 2		0
							0 → 100%		
	27		21			0-255	Blue Fine 2		0
							Fine Adjustment		
19	28					0-255	Lime 2		0
							0 → 100%		
	29					0-255	Lime Fine 2		0
							Fine Adjustment		
20	30					0-255	Amber 2		0
							0 → 100%		
	31					0-255	Amber Fine 2		0
							Fine Adjustment		
21	32					0-255	White 2		0
							0 → 100%		
	33					0-255	White Fine 2		0
							Fine Adjustment		

ELATION SOL IV BLINDER - DMX TRAITS (ADVANCED)

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
22	34	16	22			0-255	Red 3 0 → 100%		0
	35		23			0-255	Red Fine 3 Fine Adjustment		0
23	36	17	24			0-255	Green 3 0 → 100%		0
	37		25			0-255	Green Fine 3 Fine Adjustment		0
24	38	18	26			0-255	Blue 3 0 → 100%		0
	39		27			0-255	Blue Fine 3 Fine Adjustment		0
25	40					0-255	Lime 3 0 → 100%		0
	41					0-255	Lime Fine 3 Fine Adjustment		0
26	42					0-255	Amber 3 0 → 100%		0
	43					0-255	Amber Fine 3 Fine Adjustment		0
27	44					0-255	White 3 0 → 100%		0
	45					0-255	White Fine 3 Fine Adjustment		0
28	46	19	28			0-255	Red 4 0 → 100%		0
	47		29			0-255	Red Fine 4 Fine Adjustment		0
29	48	20	30			0-255	Green 4 0 → 100%		0
	49		31			0-255	Green Fine 4 Fine Adjustment		0
30	50	21	32			0-255	Blue 4 0 → 100%		0
	51		33			0-255	Blue Fine 4 Fine Adjustment		0

RELATION SOL IV BLINDER - DMX TRAITS (ADVANCED)

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
31	52					0-255	Lime 4		0
							0 → 100%		
	53					0-255	Lime Fine 4		0
							Fine Adjustment		
32	54					0-255	Amber 4		0
							0 → 100%		
	55					0-255	Amber Fine 4		0
							Fine Adjustment		
33	56					0-255	White 4		0
							0 → 100%		
	57					0-255	White Fine 4		0
							Fine Adjustment		
				10	10	0-255	Cyan		0
							0 → 100%		
					11	0-255	Cyan Fine		0
							Fine Adjustment		
				11	12	0-255	Magenta		0
							0 → 100%		
					13	0-255	Magenta Fine		0
							Fine Adjustment		
				12	14	0-255	Yellow		0
							0 → 100%		
					15	0-255	Yellow Fine		0
							Fine Adjustment		
				13	16	0-255	Cyan 2		0
							0 → 100%		
					17	0-255	Cyan Fine 2		0
							Fine Adjustment		
				14	18	0-255	Magenta 2		0
							0 → 100%		
					19	0-255	Magenta Fine 2		0
							Fine Adjustment		
				15	20	0-255	Yellow 2		0
							0 → 100%		
					21	0-255	Yellow Fine 2		0
							Fine Adjustment		

ELATION SOL IV BLINDER - DMX TRAITS (ADVANCED)

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
				16	22	0-255	Cyan 3 0 → 100%		0
					23	0-255	Cyan Fine 3 Fine Adjustment		0
				17	24	0-255	Magenta 3 0 → 100%		0
					25	0-255	Magenta Fine 3 Fine Adjustment		0
				18	26	0-255	Yellow 3 0 → 100%		0
					27	0-255	Yellow Fine 3 Fine Adjustment		0
				19	28	0-255	Cyan 4 0 → 100%		0
					29	0-255	Cyan Fine 4 Fine Adjustment		0
				20	30	0-255	Magenta 4 0 → 100%		0
					31	0-255	Magenta Fine 4 Fine Adjustment		0
				21	32	0-255	Yellow 4 0 → 100%		0
					33	0-255	Yellow Fine 4 Fine Adjustment		0
34		22		22			CCT Presets	X	0
						0-17	Open		
						18-85	1800K → 8500K (see sheet)		
						86-255	8500K		
35		23		23			CCT Presets 2	X	0
						0-17	Open		
						18-85	1800K → 8500K (see sheet)		
						86-255	8500K		
36		24		24			CCT Presets 3	X	02
						0-17	Open		
						18-85	1800K → 8500K (see sheet)		
						86-255	8500K		

RELATION SOL IV BLINDER - DMX TRAITS (ADVANCED)

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
37	25	25	25	25	25		CCT Presets 4	X	0
						0-17	Open		
						18-85	1800K → 8500K (see sheet)		
						86-255	8500K		
58	34	34	34	34	34		Variable CCT		0
						0-17	Open		
						18-255	1800K → 8500K (see sheet)		
59	35	35	35	35	35		Variable CCT Fine		0
						0-255	Fine Adjustment		
60	36	36	36	36	36		Variable CCT 2		0
						0-17	Open		
						18-255	1800K → 8500K (see sheet)		
61	37	37	37	37	37		Variable CCT Fine 2		0
						0-255	Fine Adjustment		
62	38	38	38	38	38		Variable CCT 3		0
						0-17	Open		
						18-255	1800K → 8500K (see sheet)		
63	39	39	39	39	39		Variable CCT Fine 3		0
						0-255	Fine Adjustment		
64	40	40	40	40	40		Variable CCT 4		0
						0-17	Open		
						18-255	1800K → 8500K (see sheet)		
65	41	41	41	41	41		Variable CCT Fine 4		0
						0-255	Fine Adjustment		
38	66	26	42	26	42		Green Shift		128
						0	Idle		
						1-127	Full Minus Green to Neutral		
						128	Neutral White		
						129-255	Neutral to Full Plus Green		

RELATION SOL IV BLINDER - DMX TRAITS (ADVANCED)

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
39	67	27	43	27	43		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		
	68		44		44		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	0.5s		
						126	0.6s		
						127	0.7s		
						128	0.8s		
						129	0.9s		
						130	1.0s		
						131	1.5s		
						132	2.0s		
133	3.0s								
134	4.0s								
135	5.0s								

RELATION SOL IV BLINDER - DMX TRAITS (ADVANCED)

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
							Dimmer Delay Time (continued)		
						136	6.0s		
						137	7.0s		
						138	8.0s		
						139	9.0s		
						140	10s		
						142-149	Idle		
							Dim to Warm		
						150-154	DTW On		
						155-159	DTW Off		
	68		44		44		Cell Mode	X	0
						160-164	Single Cell Mode		
						165-169	Dual Cell Mode Horizontal		
						170-174	Dual Cell Mode Vertical		
						175-179	Quad Cell Mode (Default)		
							Cell Layout		
						180-184	Standard		
						185-189	Mirror Horizontal		
						190-194	Mirror Vertical		
						195-199	Mirror Horizontal and Vertical		
						200-255	Idle		
							Control		
						0-24	Idle		
						25-34	Blinder Output Mode		
						35-44	Constant Output Mode		
						45-54	Match Blinder Output Mode		
40	69	28	45	28	45	55-64	Match Constant Output Mode	X	0
						65-69	Idle		
						70-74	Fan Mode Auto		
						75-79	Fan Mode High		
						80-84	Fan Mode Silent		
						85-99	Idle		

RELATION SOL IV BLINDER - DMX TRAITS (ADVANCED)

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
40	69	28	45	28	45		Refresh Rate (Hz)	X	0
						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		
						131	1210		
						132	1220		
						133	1230		
134	1240								
135	1250								

ELATION SOL IV BLINDER - DMX TRAITS (ADVANCED)

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
							Refresh Rate (Hz) (continued)		
						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		
40	69	28	45	28	45	152	1420	X	0
						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		

ELATION SOL IV BLINDER - DMX TRAITS (ADVANCED)

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
40	69	28	45	28	45		Color Tuning	X	0
						175-176	Highest Fidelity		
						177-178	Balanced Output and Fidelity		
						179-180	Highest Output (Default)		
							Output Balance		
						181-182	Bright (Highest Output)		
						183-184	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		