

ELATION SÖL I BLINDER - DMX TRAITS

Dim. 1CH	Dim. & CCT 2CH	Dim Strobe CCT 3CH	IRGB 4CH	Raw Color 6CH	Dim./ CCT/ Color Picker 7CH	Std. 13CH	Ext. 21CH	RGB 10CH	RGB Ext. 15CH	CMY 10CH	CMY Ext. 15CH	DMX Values	Function	Snap	Default Value
1	1	1	1		1	1	1	1	1	1	1	0-255	Dimmer Intensity 0 → 100%		0
					2	2	2	2	2	2	2	0-255	Dimmer Fine Fine Intensity Control		0
		2			3	3	3	3	3	3	3	0-31	Shutter/Strobe Shutter closed		50
												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		
	1	4	1	4			4	4				0-255	Red 0 → 100%		0
		5						5				0-255	Red Fine Fine Adjustment		0
	2	6	2	5			5	6				0-255	Green 0 → 100%		0
		7						7				0-255	Green Fine Fine Adjustment		0
	3	8	3	6			6	8				0-255	Blue 0 → 100%		0
		9						9				0-255	Blue Fine Fine Adjustment		0
			2	1		4	4	4	4			0-255	Red 0 → 100%		0
							5		5			0-255	Red Fine Fine Adjustment		0
			3	2		5	6	5	6			0-255	Green 0 → 100%		0
							7		7			0-255	Green Fine Fine Adjustment		0
			4	3		6	8	6	8			0-255	Blue 0 → 100%		0
							9		9			0-255	Blue Fine Fine Adjustment		0
				4		7	10					0-255	Lime 0 → 100%		0
							11					0-255	Lime Fine Fine Adjustment		0
				5		8	12					0-255	Amber 0 → 100%		0
							13					0-255	Amber Fine Fine Adjustment		0
				6		9	14					0-255	White 0 → 100%		0
							15					0-255	White Fine Fine Adjustment		0
										4	4	0-255	Cyan 0 → 100%		0
											5	0-255	Cyan Fine Fine Adjustment		0
										5	6	0-255	Magenta 0 → 100%		0
											7	0-255	Magenta Fine Fine Adjustment		0
										6	8	0-255	Yellow 0 → 100%		0
											9	0-255	Yellow Fine Fine Adjustment		0

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	2	3			4	10		7		7			CCT Presets		
												0-17	Open	X	0
												18-85	1800K → 8500K (See Sheet)		
												86-255	8500K		
							16		10		10		Variable CCT		0
												0-17	Open		
												18-255	1800K → 8500K		
							17		11		11	0-255	Variable CCT Fine		0
													Fine Adjustment		
													Green Shift		
					5	11	18	8	12	8	12	0	Idle		0
												1-127	Full Minus Green to Neutral		
												128	Neutral White		
												129-255	Neutral to Full Plus Green		
													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		
													Dim Modes		
												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		
							20					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		

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													Control		
												0-24	Idle		
												25-34	Blinder Output Mode		
												35-44	Constant Output Mode		
												45-99	Idle		
													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		
					7	13	21	10	15	10	15	116	1060	X	0
												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		
												136	1260		
												137	1270		
												138	1280		
												139	1290		

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												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		
					7	13	21	10	15	10	15	161	2500		
												162	4000	X	0
												163	5000		
												164	6000		
												165	10000		
												166	15000		
												167	20000		
												168	25000		
												169-172	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		
													Dimmer Curves		
												201-210	Dimmer Curve: Linear (Default)		
												211-220	Dimmer Curve: Square		
												221-230	Dimmer Curve: Inverse Square		
												231-240	Dimmer Curve: S-Curve		
												241-255	Idle		

COLOR TEMPERATURE

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

To calculate the CCT value in 16-bit mode, use the following formula:

$$\mathbf{16Bit\ Value = 60927 \times (Desired\ CCT - 1800) / 6700 + 4608}$$

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