

CHANNEL						VALUE	FUNCTION
249ch	129ch	89ch	69ch	49ch	39ch		
1	1	1	1	1	1	000-255	DIMMER 0%→100%
2	2	2	2	2	2	000-255	DIMMER FINE 0%→100%
3	3	3	3	3	3	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	STROBE Close Open Strobe Slow->Fast Open Fast Open Slow Close Open Fast Close Slow Open Open Random Strobe Slow >Fast Open
4	4	4	4	4	4	000-255	CROSS FADE 0%→100%
5	5	5	5	5	5	000 001- 004 005- 009 010- 013 014- 018 019- 022 023- 027 028- 031 032- 036 037- 040 041- 045 046- 049 050- 054 055- 058 059- 063 064- 067 068- 072 073- 076 077- 081 082- 085 086- 090 091- 094 095- 099 100- 103 104- 108 109- 112 113- 117	CTO NULL 8000K 7900K 7800K 7700K 7600K 7500K 7400K 7300K 7200K 7100K 7000K 6900K 6800K 6700K 6600K 6500K 6400K 6300K 6200K 6100K 6000K 5900K 5800K 5700K 5600K 5500K

CHANNEL						VALUE	FUNCTION
						118- 121	5400K
						122- 126	5300K
						127- 130	5200K
						131- 135	5100K
						136- 139	5000K
						140- 144	4900K
						145- 148	4800K
						149- 153	4700K
						154- 157	4600K
						158- 162	4500K
						163- 166	4400K
						167- 171	4300K
						172- 175	4200K
						176- 180	4100K
						181- 184	4000K
						185- 189	3900K
						190- 193	3800K
						194- 198	3700K
						199- 202	3600K
						203- 207	3500K
						208- 211	3400K
						212- 216	3300K
						217- 220	3200K
						221- 225	3100K
						226- 229	3000K
						230- 234	2900K
						235- 238	2800K
						239- 243	2700K
						244- 247	2600K
						248- 255	2500K
							COLOR MACRO
						000-007	Open
						008-009	010 Medium Yellow
						010-011	019 Fire
						012-013	021 Gold Amber
						014-015	025 Sunset Red
						016-017	036 Medium Pink
						018-019	052 Light Lavender
						020-021	058 Lavender
6	6	6	6	6	6	022-023	068 Sky Blue
						024-025	079 Just Blue
						026-027	088 Lime Green
						028-029	089 Moss Green
						030-031	090 Dark Yellow Green
						032-033	100 Spring Yellow
						034-035	101 Yellow
						036-037	102 Light Amber
						038-039	103 Straw
						040-041	104 Deep Amber

CHANNEL						VALUE	FUNCTION
						042-043	105 Orange
						044-045	111 Dark Pink
						046-047	115 Peacock Blue
						048-049	116 Medium Blue-Green
						050-051	117 Steel Blue
						052-053	118 Light Blue
						054-055	120 Deep Blue
						056-057	121 LEE Green
						058-059	122 Fern Green
						060-061	124 Dark Green
						062-063	126 Mauve
						064-065	128 Bright Pink
						066-067	132 Medium Blue
						068-069	135 Deep Golden Amber
						070-071	136 Pale Lavender
						072-073	137 Special Lavender
						074-075	138 Pale Green
						076-077	139 Primary Green
						078-079	141 Bright Blue
						080-081	147 Apricot
						082-083	152 Pale Gold
						084-085	157 Pink
						086-087	162 Bastard Amber
						088-089	164 Flame Red
						090-091	165 Daylight Blue
						092-093	170 Deep Lavender
						094-095	181 Congo Blue
						096-097	194 Surprise Pink
						098-099	197 Alice Blue
						100-101	201 Full C.T. Blue
						102-103	202 Half C.T. Blue
						104-105	353 Lighter Blue
						106-107	778 Millennium Gold
						108-109	Amber
						110-255	NULL
						EFFECT MACRO	
						000-007	NULL
						008-015	EFFECT 1
						016-023	EFFECT 2
						024-031	EFFECT 3
						032-039	EFFECT 4
						040-047	EFFECT 5
						048-055	EFFECT 6
						056-063	EFFECT 7
						064-071	EFFECT 8
						072-079	EFFECT 9
						080-087	EFFECT 10
						088-095	EFFECT 11
						096-103	EFFECT 12
7	7	7	7	7	7		

CHANNEL						VALUE	FUNCTION
						104-111	EFFECT 13
						112-119	EFFECT 14
						120-127	EFFECT 15
						128-135	EFFECT 16
						136-143	EFFECT 17
						144-151	EFFECT 18
						152-159	EFFECT 19
						160-167	EFFECT 20
						168-175	EFFECT 21
						176-183	EFFECT 22
						184-191	EFFECT 23
						192-199	EFFECT 24
						200-207	EFFECT 25
						208-215	EFFECT 26
						216-223	EFFECT 27
						224-231	EFFECT 28
						232-239	EFFECT 29
						240-247	EFFECT 30
						248-255	EFFECT 31
8	8	8	8	8	8	000	EFFECT MACRO SPEED
						001-127	Stop
						128-255	Slow to fast without fade
							Slow to fast With fade
9	9	9	9	9	9	000-029	FUNCTION
						030-039	No Function
						040-049	Dimmer Curve Linear
						050-059	Dimmer Curve Square Law
						060-069	Dimmer Curve Inv Square Law
						070-079	Dimmer Curve S
						080-089	No Function
						090-099	No Function
						100-109	No Function
						110-119	No Function
						120-159	No Function
						160-161	Invert Pixel Order : Yes
						162-163	Invert Pixel Order : No
						164-209	No Function
						210-219	Dimmer Speed Fast
						220-229	Dimmer Speed Smooth
						230-255	No Function
10	10	10	10	10	10	000-255	RED 1
							0%→100%
11	11	11	11	11	11	000-255	GREEN 1
							0%→100%
12	12	12	12	12	12	000-255	BLUE 1
							0%→100%

CHANNEL						VALUE	FUNCTION
13	13	13	13	13	13	000-255	WW 1 0%→100%
14	14	14	14	14	14	000-255	CW 2 0%→100%
15	15	15	15	15	15	000-255	RED 2 0%→100%
16	16	16	16	16	16	000-255	GREEN 2 0%→100%
17	17	17	17	17	17	000-255	BLUE 2 0%→100%
18	18	18	18	18	18	000-255	WW 2 0%→100%
19	19	19	19	19	19	000-255	CW 2 0%→100%
20	20	20	20	20	20	000-255	RED 3 0%→100%
21	21	21	21	21	21	000-255	GREEN 3 0%→100%
22	22	22	22	22	22	000-255	BLUE 3 0%→100%
23	23	23	23	23	23	000-255	WW 3 0%→100%
24	24	24	24	24	24	000-255	CW 3 0%→100%
25	25	25	25	25	25	000-255	RED 4 0%→100%
26	26	26	26	26	26	000-255	GREEN 4 0%→100%
27	27	27	27	27	27	000-255	Blue 4 0%→100%
28	28	28	28	28	28	000-255	WW 4 0%→100%
29	29	29	29	29	29	000-255	CW 4 0%→100%
30	30	30	30	30	30	000-255	Red 5 0%→100%
31	31	31	31	31	31	000-255	Green 5 0%→100%
32	32	32	32	32	32	000-255	Blue 5 0%→100%
33	33	33	33	33	33	000-255	WW 5 0%→100%
34	34	34	34	34	34	000-255	CW 5 0%→100%

CHANNEL						VALUE	FUNCTION
35	35	35	35	35	35	000-255	Red 6 0%→100%
36	36	36	36	36	36	000-255	Green 6 0%→100%
37	37	37	37	37	37	000-255	Blue 6 0%→100%
38	38	38	38	38	38	000-255	WW 6 0%→100%
39	39	39	39	39	39	000-255	CW 6 0%→100%
40	40	40	40	40		000-255	Red 7 0%→100%
41	41	41	41	41		000-255	Green 7 0%→100%
42	42	42	42	42		000-255	Blue 7 0%→100%
43	43	43	43	43		000-255	WW 7 0%→100%
44	44	44	44	44		000-255	CW 7 0%→100%
45	45	45	45	45		000-255	Red 8 0%→100%
46	46	46	46	46		000-255	Green 8 0%→100%
47	47	47	47	47		000-255	Blue 8 0%→100%
48	48	48	48	48		000-255	WW 8 0%→100%
49	49	49	49	49		000-255	CW 8 0%→100%
50	50	50	50			000-255	Red 9 0%→100%
51	51	51	51			000-255	Green 9 0%→100%
52	52	52	52			000-255	Blue 9 0%→100%
53	53	53	53			000-255	WW 9 0%→100%
54	54	54	54			000-255	CW 9 0%→100%
55	55	55	55			000-255	Red 10 0%→100%
56	56	56	56			000-255	Green 10 0%→100%

CHANNEL						VALUE	FUNCTION
57	57	57	57			000-255	Blue 10 0%→100%
58	58	58	58			000-255	WW 10 0%→100%
59	59	59	59			000-255	CW 10 0%→100%
60	60	60	60			000-255	Red 11 0%→100%
61	61	61	61			000-255	Green 11 0%→100%
62	62	62	62			000-255	Blue 11 0%→100%
63	63	63	63			000-255	WW 11 0%→100%
64	64	64	64			000-255	CW 11 0%→100%
65	65	65	65			000-255	Red 12 0%→100%
66	66	66	66			000-255	Green 12 0%→100%
67	67	67	67			000-255	Blue 12 0%→100%
68	68	68	68			000-255	WW 12 0%→100%
69	69	69	69			000-255	CW 12 0%→100%
70	70	70				000-255	Red 13 0%→100%
71	71	71				000-255	Green 13 0%→100%
72	72	72				000-255	Blue 13 0%→100%
73	73	73				000-255	WW 13 0%→100%
74	74	74				000-255	CW 13 0%→100%
75	75	75				000-255	Red 14 0%→100%
76	76	76				000-255	Green 14 0%→100%
77	77	77				000-255	Blue 14 0%→100%
78	78	78				000-255	WW 14 0%→100%

CHANNEL						VALUE	FUNCTION
79	79	79				000-255	CW 14 0%→100%
80	80	80				000-255	Red 15 0%→100%
81	81	81				000-255	Green 15 0%→100%
82	82	82				000-255	Blue 15 0%→100%
83	83	83				000-255	WW 15 0%→100%
84	84	84				000-255	CW 15 0%→100%
85	85	85				000-255	Red 16 0%→100%
86	86	86				000-255	Green 16 0%→100%
87	87	87				000-255	Blue 16 0%→100%
88	88	88				000-255	WW 16 0%→100%
89	89	89				000-255	CW 16 0%→100%
90	90					000-255	Red 17 0%→100%
91	91					000-255	Green 17 0%→100%
92	92					000-255	Blue 17 0%→100%
93	93					000-255	WW 17 0%→100%
94	94					000-255	CW 17 0%→100%
95	95					000-255	Red 18 0%→100%
96	96					000-255	Green 18 0%→100%
97	97					000-255	Blue 18 0%→100%
98	98					000-255	WW 18 0%→100%
99	99					000-255	CW 18 0%→100%
100	100					000-255	Red 19 0%→100%

CHANNEL						VALUE	FUNCTION
101	101					000-255	Green 19 0%→100%
102	102					000-255	Blue 19 0%→100%
103	103					000-255	WW 19 0%→100%
104	104					000-255	CW 19 0%→100%
105	105					000-255	Red 20 0%→100%
106	106					000-255	Green 20 0%→100%
107	107					000-255	Blue 20 0%→100%
108	108					000-255	WW 20 0%→100%
109	109					000-255	CW 20 0%→100%
110	110					000-255	Red 21 0%→100%
111	111					000-255	Green 21 0%→100%
112	112					000-255	Blue 21 0%→100%
113	113					000-255	WW 21 0%→100%
114	114					000-255	CW 21 0%→100%
115	115					000-255	Red 22 0%→100%
116	116					000-255	Green 22 0%→100%
117	117					000-255	Blue 22 0%→100%
118	118					000-255	WW 22 0%→100%
119	119					000-255	CW 22 0%→100%
120	120					000-255	Red 23 0%→100%
121	121					000-255	Green 23 0%→100%
122	122					000-255	Blue 23 0%→100%

CHANNEL						VALUE	FUNCTION
123	123					000-255	WW 23 0%→100%
124	124					000-255	CW 23 0%→100%
125	125					000-255	Red 24 0%→100%
126	126					000-255	Green 24 0%→100%
127	127					000-255	Blue 24 0%→100%
128	128					000-255	WW 24 0%→100%
129	129					000-255	CW 24 0%→100%
239						000-255	
240						000-255	Red 47 0%→100%
241						000-255	Green 47 0%→100%
242						000-255	Blue 47 0%→100%
243						000-255	WW 47 0%→100%
244						000-255	CW 47 0%→100%
245						000-255	Red 48 0%→100%
246						000-255	Green 48 0%→100%
247						000-255	Blue 48 0%→100%
248						000-255	WW 48 0%→100%
249						000-255	CW 48 0%→100%

CHANNEL					VALUE	FUNCTION
14ch	19ch	24ch	29ch	244ch		
1	1	1	1	1	000-255	DIMMER 0%→100%
2	2	2	2	2	000-255	DIMMER FINE 0%→100%

CHANNEL					VALUE	FUNCTION
3	3	3	3	3	000-007	STROBE
					008-015	Close
					016-131	Open
					132-139	Strobe Slow->Fast
					140-181	Open
					182-189	Fast Open Slow Close
					190-231	Open
					232-239	Fast Close Slow Open
					240-247	Open
					248-255	Random Strobe Slow >Fast
						Open
4	4	4	4		000-255	CROSS FADE
						0%→100%
5	5	5	5		000	CTO
					001- 004	NULL
					005- 009	8000K
					010- 013	7900K
					014- 018	7800K
					019- 022	7700K
					023- 027	7600K
					028- 031	7500K
					032- 036	7400K
					037- 040	7300K
					041- 045	7200K
					046- 049	7100K
					050- 054	7000K
					055- 058	6900K
					059- 063	6800K
					064- 067	6700K
					068- 072	6600K
					073- 076	6500K
					077- 081	6400K
					082- 085	6300K
					086- 090	6200K
					091- 094	6100K
					095- 099	6000K
					100- 103	5900K
					104- 108	5800K
					109- 112	5700K
					113- 117	5600K
					118- 121	5500K
					122- 126	5400K
					127- 130	5300K
					131- 135	5200K
					136- 139	5100K
					140- 144	5000K
					145- 148	4900K
					149- 153	4800K
						4700K

CHANNEL					VALUE	FUNCTION
					154- 157	4600K
					158- 162	4500K
					163- 166	4400K
					167- 171	4300K
					172- 175	4200K
					176- 180	4100K
					181- 184	4000K
					185- 189	3900K
					190- 193	3800K
					194- 198	3700K
					199- 202	3600K
					203- 207	3500K
					208- 211	3400K
					212- 216	3300K
					217- 220	3200K
					221- 225	3100K
					226- 229	3000K
					230- 234	2900K
					235- 238	2800K
					239- 243	2700K
					244- 247	2600K
					248- 255	2500K
						COLOR MACRO
					000-007	Open
					008-009	010 Medium Yellow
					010-011	019 Fire
					012-013	021 Gold Amber
					014-015	025 Sunset Red
					016-017	036 Medium Pink
					018-019	052 Light Lavender
					020-021	058 Lavender
					022-023	068 Sky Blue
					024-025	079 Just Blue
					026-027	088 Lime Green
					028-029	089 Moss Green
6	6	6	6		030-031	090 Dark Yellow Green
					032-033	100 Spring Yellow
					034-035	101 Yellow
					036-037	102 Light Amber
					038-039	103 Straw
					040-041	104 Deep Amber
					042-043	105 Orange
					044-045	111 Dark Pink
					046-047	115 Peacock Blue
					048-049	116 Medium Blue-Green
					050-051	117 Steel Blue
					052-053	118 Light Blue
					054-055	120 Deep Blue
					056-057	121 LEE Green

CHANNEL					VALUE	FUNCTION
					058-059	122 Fern Green
					060-061	124 Dark Green
					062-063	126 Mauve
					064-065	128 Bright Pink
					066-067	132 Medium Blue
					068-069	135 Deep Golden Amber
					070-071	136 Pale Lavender
					072-073	137 Special Lavender
					074-075	138 Pale Green
					076-077	139 Primary Green
					078-079	141 Bright Blue
					080-081	147 Apricot
					082-083	152 Pale Gold
					084-085	157 Pink
					086-087	162 Bastard Amber
					088-089	164 Flame Red
					090-091	165 Daylight Blue
					092-093	170 Deep Lavender
					094-095	181 Congo Blue
					096-097	194 Surprise Pink
					098-099	197 Alice Blue
					100-101	201 Full C.T. Blue
					102-103	202 Half C.T. Blue
					104-105	353 Lighter Blue
					106-107	778 Millennium Gold
					108-109	Amber
					110-255	NULL
						EFFECT MACRO
					000-007	NULL
					008-015	EFFECT 1
					016-023	EFFECT 2
					024-031	EFFECT 3
					032-039	EFFECT 4
					040-047	EFFECT 5
					048-055	EFFECT 6
					056-063	EFFECT 7
					064-071	EFFECT 8
					072-079	EFFECT 9
					080-087	EFFECT 10
					088-095	EFFECT 11
					096-103	EFFECT 12
					104-111	EFFECT 13
					112-119	EFFECT 14
					120-127	EFFECT 15
					128-135	EFFECT 16
					136-143	EFFECT 17
					144-151	EFFECT 18
					152-159	EFFECT 19
					160-167	EFFECT 20
7	7	7	7			

CHANNEL					VALUE	FUNCTION
					168-175 176-183 184-191 192-199 200-207 208-215 216-223 224-231 232-239 240-247 248-255	EFFECT 21 EFFECT 22 EFFECT 23 EFFECT 24 EFFECT 25 EFFECT 26 EFFECT 27 EFFECT 28 EFFECT 29 EFFECT 30 EFFECT 31
8	8	8	8		000 001-127 128-255	EFFECT MACRO SPEED stop Slow to fast without fade Slow to fast With fade
9	9	9	9	4	000-029 030-039 040-049 050-059 060-069 070-079 080-089 090-099 100-109 110-119 120-159 160-161 162-163 164-209 210-219 220-229 230-255	FUNCTION No Function Dimmer Curve Linear Dimmer Curve Square Law Dimmer Curve Inv Square Law Dimmer Curve S No Function No Function No Function No Function No Function Invert Pixel Order : Yes Invert Pixel Order : No No Function Dimmer Speed Fast Dimmer Speed Smooth No Function
10					000-255	RED 0%→100%
11					000-255	GREEN 0%→100%
12					000-255	BLUE 0%→100%
13					000-255	WW 0%→100%
14					000-255	CW 0%→100%
	10	10	10	5	000-255	RED 1 0%→100%
	11	11	11	6	000-255	GREEN 1 0%→100%

CHANNEL					VALUE	FUNCTION
	12	12	12	7	000-255	BLUE 1 0%→100%
	13	13	13		000-255	WW 1 0%→100%
	14	14	14		000-255	CW 1 0%→100%
	15	15	15	8	000-255	RED 2 0%→100%
	16	16	16	9	000-255	Green 2 0%→100%
	17	17	17	10	000-255	Blue 2 0%→100%
	18	18	18		000-255	WW 2 0%→100%
	19	19	19		000-255	CW 2 0%→100%
		20	20	11	000-255	RED 3 0%→100%
		21	21	12	000-255	Green 3 0%→100%
		22	22	13	000-255	Blue 3 0%→100%
		23	23		000-255	WW 3 0%→100%
		24	24		000-255	CW 3 0%→100%
			25	14	000-255	Red 4 0%→100%
			26	15	000-255	Green 4 0%→100%
			27	16	000-255	Blue 4 0%→100%
			28		000-255	WW 4 0%→100%
			29		000-255	CW 4 0%→100%
				17	000-255	Red 5 0%→100%
				18	000-255	Green 5 0%→100%
				19	000-255	Blue 5 0%→100%
				...	...	...

CHANNEL					VALUE	FUNCTION
				146	000-255	Red 48 0%→100%
				147	000-255	Green 48 0%→100%
				148	000-255	Blue 48 0%→100%
				149	000-255	WW 1 0%→100%
				150	000-255	WW 2 0%→100%
				...	...	...
				195	000-255	WW47 0%→100%
				196	000-255	WW 48 0%→100%
				197	000-255	CW 1 0%→100%
				198	000-255	CW 2 0%→100%
				...	...	...
				243	000-255	CW47 0%→100%
				244	000-255	CW 48 0%→100%