

Valid from firmware version: V1.0

CHANNEL				VALUE	FUNCTION
31ch	230ch	43ch	100ch		
1	1	1	1	000-255	TILT 0°→185°
2	2	2	2	000-255	TILT FINE
3	3	3	3	000-255	TILT SPEED Fast to Slow
4	4	4	4	000-255	FROST 0%→100%
5	5	5	5	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	BEAM STROBE Close Open Strobe from Slow to Fast Open Fast Open Slow Close from Slow to Fast Open Slow Open Fast Close from Slow to Fast Open Random Strobe from Slow to Fast Open
6	6	6	6	000-255	BEAM DIMMER 0%→100%
7	7	7	7	000-255	BEAM DIMMER FINE
8	8	8	8	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	ZONE STROBE Close Open Strobe from Slow to Fast Open Fast Open Slow Close from Slow to Fast Open Slow Open Fast Close from Slow to Fast Open Random Strobe from Slow to Fast Open
9	9	9	9	000-255	ZONE DIMMER 0%→100%
10	10	10	10	000-255	ZONE DIMMER FINE
11	11	11	11	000-007 008-015 016-131 132-139	LINE 1 CW STROBE Close Open Strobe from Slow to Fast Open

				140-181 182-189 190-231 232-239 240-247 248-255	Fast Open Slow Close from Slow to Fast Open Slow Open Fast Close from Slow to Fast Open Random Strobe from Slow to Fast Open
12	12	12	12	000-255	LINE 1 CW DIMMER 0%→100%
13	13	13	13	000-255	LINE 1 CW DIMMER FINE
14	14	14	14	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	LINE 2 CW/WW STROBE Close Open Strobe from Slow to Fast Open Fast Open Slow Close from Slow to Fast Open Slow Open Fast Close from Slow to Fast Open Random Strobe from Slow to Fast Open
15	15	15	15	000-255	LINE 2 CW/WW DIMMER 0%→100%
16	16	16	16	000-255	LINE 2 CW/WW DIMMER FINE
17	17	17	17	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	LINE 2 RGB STROBE Close Open Strobe from Slow to Fast Open Fast Open Slow Close from Slow to Fast Open Slow Open Fast Close from Slow to Fast Open Random Strobe from Slow to Fast Open
18	18	18	18	000-255	LINE 2 RGB DIMMER 0%→100%
19	19	19	19	000-255	LINE 2 RGB DIMMER FINE
20	20	20	20	000-029 030-039 040-049 050-059 060-069	SPECIAL FUNCTION (To activate following functions, stop in DMX value for at least 3 seconds.) Null Dimmer Curve: Linear Dimmer Curve: Square Law Dimmer Curve: Inv SQ Law Dimmer Curve: S Curve

				070-099	Null
				100-109	Led Frequency Setting Enable
				110-119	Led Frequency Setting Disable
				120-122	Null
				123	900Hz
				124	1000Hz
				125	1100Hz
				126	1200Hz
				127	1300Hz
				128	1400Hz
				129	1500Hz
				130	2500Hz
				131	4000Hz
				132	5000Hz
				133	6000Hz
				134	10KHz
				135	15KHz
				136	20KHz
				137	25KHz
				138-139	Null
				140-159	Null
				160-169	Invert Pixel Order: Yes
				170-179	Invert Pixel Order: No
				180-199	Null
				200-209	All Reset
				210-219	Dimmer Speed: Fast
				220-229	Dimmer Speed: Smooth
				230-239	Line Power Mode: Off
				240-249	Line Power Mode: On
				250-251	Dimming Start Mode: High
				252-253	Dimming Start Mode: Low
				254-255	Null
21		21		000-255	BEAM CW 0%→100%
	21		21	000-255	BEAM CW 1 0%→100%
	22		22	000-255	BEAM CW 2 0%→100%
	23		23	000-255	BEAM CW 3 0%→100%
	24		24	000-255	BEAM CW 4 0%→100%
	25		25	000-255	BEAM CW 5 0%→100%
	26		26	000-255	BEAM CW 6 0%→100%
	27		27		BEAM CW 7

				000-255	0%→100%
	28		28	000-255	BEAM CW 8 0%→100%
	29		29	000-255	BEAM CW 9 0%→100%
	30		30	000-255	BEAM CW 10 0%→100%
	31			000-255	BEAM CW 11 0%→100%
	32			000-255	BEAM CW 12 0%→100%
	33			000-255	BEAM CW 13 0%→100%
	34			000-255	BEAM CW 14 0%→100%
	35			000-255	BEAM CW 15 0%→100%
	36			000-255	BEAM CW 16 0%→100%
	37			000-255	BEAM CW 17 0%→100%
	38			000-255	BEAM CW 18 0%→100%
	39			000-255	BEAM CW 19 0%→100%
	40			000-255	BEAM CW 20 0%→100%
	41			000-255	BEAM CW 21 0%→100%
	42			000-255	BEAM CW 22 0%→100%
	43			000-255	BEAM CW 23 0%→100%
	44			000-255	BEAM CW 24 0%→100%
	45			000-255	BEAM CW 25 0%→100%
	46			000-255	BEAM CW 26 0%→100%
	47			000-255	BEAM CW 27 0%→100%
	48			000-255	BEAM CW 28 0%→100%

	49			000-255	BEAM CW 29 0%→100%
	50			000-255	BEAM CW 30 0%→100%
		22		000-007 008-015 016-023 024-031 032-039 040-047 048-055 056-063 064-071 072-079 080-087 088-095 096-103 104-111 112-119 120-127 128-135 136-143 144-151 152-159 160-167 168-175 176-183 184-191 192-199 200-207 208-215 216-223 224-231 232-239 240-247 248-255	BEAM MACRO Null Built-in Effect 1 Built-in Effect 2 Built-in Effect 3 Built-in Effect 4 Built-in Effect 5 Built-in Effect 6 Built-in Effect 7 Built-in Effect 8 Built-in Effect 9 Built-in Effect 10 Built-in Effect 11 Built-in Effect 12 Built-in Effect 13 Built-in Effect 14 Built-in Effect 15 Built-in Effect 16 Built-in Effect 17 Built-in Effect 18 Built-in Effect 19 Built-in Effect 20 Built-in Effect 21 Built-in Effect 22 Built-in Effect 23 Built-in Effect 24 Built-in Effect 25 Built-in Effect 26 Built-in Effect 27 Built-in Effect 28 Built-in Effect 29 Built-in Effect 30 Built-in Effect 31
		23		000-127 128-255	BEAM MACRO SPEED Slow to Fast without Fade Slow to Fast with Fade
22		24		000-255	ZONE RED 0%→100%
23		25		000-255	ZONE GREEN 0%→100%
24		26		000-255	ZONE BLUE 0%→100%
25		27			ZONE WHITE

				000-255	0%→100%
	51		31	000-255	ZONE RED 1 0%→100%
	52		32	000-255	ZONE GREEN 1 0%→100%
	53		33	000-255	ZONE BLUE 1 0%→100%
	54		34	000-255	ZONE WHITE 1 0%→100%
	55		35	000-255	ZONE RED 2 0%→100%
	56		36	000-255	ZONE GREEN 2 0%→100%
	57		37	000-255	ZONE BLUE 2 0%→100%
	58		38	000-255	ZONE WHITE 2 0%→100%
	59		39	000-255	ZONE RED 3 0%→100%
	60		40	000-255	ZONE GREEN 3 0%→100%
	61		41	000-255	ZONE BLUE 3 0%→100%
	62		42	000-255	ZONE WHITE 3 0%→100%
	63		43	000-255	ZONE RED 4 0%→100%
	64		44	000-255	ZONE GREEN 4 0%→100%
	65		45	000-255	ZONE BLUE 4 0%→100%
	66		46	000-255	ZONE WHITE 4 0%→100%
	67		47	000-255	ZONE RED 5 0%→100%
	68		48	000-255	ZONE GREEN 5 0%→100%
	69		49	000-255	ZONE BLUE 5 0%→100%
	70		50	000-255	ZONE WHITE 5 0%→100%
	71		51	000-255	ZONE RED 6 0%→100%

	72		52	000-255	ZONE GREEN 6 0%→100%
	73		53	000-255	ZONE BLUE 6 0%→100%
	74		54	000-255	ZONE WHITE 6 0%→100%
	75		55	000-255	ZONE RED 7 0%→100%
	76		56	000-255	ZONE GREEN 7 0%→100%
	77		57	000-255	ZONE BLUE 7 0%→100%
	78		58	000-255	ZONE WHITE 7 0%→100%
	79		59	000-255	ZONE RED 8 0%→100%
	80		60	000-255	ZONE GREEN 8 0%→100%
	81		61	000-255	ZONE BLUE 8 0%→100%
	82		62	000-255	ZONE WHITE 8 0%→100%
	83		63	000-255	ZONE RED 9 0%→100%
	84		64	000-255	ZONE GREEN 9 0%→100%
	85		65	000-255	ZONE BLUE 9 0%→100%
	86		66	000-255	ZONE WHITE 9 0%→100%
	87		67	000-255	ZONE RED 10 0%→100%
	88		68	000-255	ZONE GREEN 10 0%→100%
	89		69	000-255	ZONE BLUE 10 0%→100%
	90		70	000-255	ZONE WHITE 10 0%→100%
	91			000-255	ZONE RED 11 0%→100%
	92			000-255	ZONE GREEN 11 0%→100%
	93			000-255	ZONE BLUE 11 0%→100%

	94			000-255	ZONE WHITE 11 0%→100%
	95			000-255	ZONE RED 12 0%→100%
	96			000-255	ZONE GREEN 12 0%→100%
	97			000-255	ZONE BLUE 12 0%→100%
	98			000-255	ZONE WHITE 12 0%→100%
	99			000-255	ZONE RED 13 0%→100%
	100			000-255	ZONE GREEN 13 0%→100%
	101			000-255	ZONE BLUE 13 0%→100%
	102			000-255	ZONE WHITE 13 0%→100%
	103			000-255	ZONE RED 14 0%→100%
	104			000-255	ZONE GREEN 14 0%→100%
	105			000-255	ZONE BLUE 14 0%→100%
	106			000-255	ZONE WHITE 14 0%→100%
	107			000-255	ZONE RED 15 0%→100%
	108			000-255	ZONE GREEN 15 0%→100%
	109			000-255	ZONE BLUE 15 0%→100%
	110			000-255	ZONE WHITE 15 0%→100%
	111			000-255	ZONE RED 16 0%→100%
	112			000-255	ZONE GREEN 16 0%→100%
	113			000-255	ZONE BLUE 16 0%→100%
	114			000-255	ZONE WHITE 16 0%→100%
	115			000-255	ZONE RED 17 0%→100%

	116			000-255	ZONE GREEN 17 0%→100%
	117			000-255	ZONE BLUE 17 0%→100%
	118			000-255	ZONE WHITE 17 0%→100%
	119			000-255	ZONE RED 18 0%→100%
	120			000-255	ZONE GREEN 18 0%→100%
	121			000-255	ZONE BLUE 18 0%→100%
	122			000-255	ZONE WHITE 18 0%→100%
	123			000-255	ZONE RED 19 0%→100%
	124			000-255	ZONE GREEN 19 0%→100%
	125			000-255	ZONE BLUE 19 0%→100%
	126			000-255	ZONE WHITE 19 0%→100%
	127			000-255	ZONE RED 20 0%→100%
	128			000-255	ZONE GREEN 20 0%→100%
	129			000-255	ZONE BLUE 20 0%→100%
	130			000-255	ZONE WHITE 20 0%→100%
	131			000-255	ZONE RED 21 0%→100%
	132			000-255	ZONE GREEN 21 0%→100%
	133			000-255	ZONE BLUE 21 0%→100%
	134			000-255	ZONE WHITE 21 0%→100%
	135			000-255	ZONE RED 22 0%→100%
	136			000-255	ZONE GREEN 22 0%→100%
	137			000-255	ZONE BLUE 22 0%→100%

	138			000-255	ZONE WHITE 22 0%→100%
	139			000-255	ZONE RED 23 0%→100%
	140			000-255	ZONE GREEN 23 0%→100%
	141			000-255	ZONE BLUE 23 0%→100%
	142			000-255	ZONE WHITE 23 0%→100%
	143			000-255	ZONE RED 24 0%→100%
	144			000-255	ZONE GREEN 24 0%→100%
	145			000-255	ZONE BLUE 24 0%→100%
	146			000-255	ZONE WHITE 24 0%→100%
	147			000-255	ZONE RED 25 0%→100%
	148			000-255	ZONE GREEN 25 0%→100%
	149			000-255	ZONE BLUE 25 0%→100%
	150			000-255	ZONE WHITE 25 0%→100%
	151			000-255	ZONE RED 26 0%→100%
	152			000-255	ZONE GREEN 26 0%→100%
	153			000-255	ZONE BLUE 26 0%→100%
	154			000-255	ZONE WHITE 26 0%→100%
	155			000-255	ZONE RED 27 0%→100%
	156			000-255	ZONE GREEN 27 0%→100%
	157			000-255	ZONE BLUE 27 0%→100%
	158			000-255	ZONE WHITE 27 0%→100%
	159			000-255	ZONE RED 28 0%→100%

	160			000-255	ZONE GREEN 28 0%→100%
	161			000-255	ZONE BLUE 28 0%→100%
	162			000-255	ZONE WHITE 28 0%→100%
	163			000-255	ZONE RED 29 0%→100%
	164			000-255	ZONE GREEN 29 0%→100%
	165			000-255	ZONE BLUE 29 0%→100%
	166			000-255	ZONE WHITE 29 0%→100%
	167			000-255	ZONE RED 30 0%→100%
	168			000-255	ZONE GREEN 30 0%→100%
	169			000-255	ZONE BLUE 30 0%→100%
	170			000-255	ZONE WHITE 30 0%→100%
		28		000-009 010-016 017-023 024-030 031-037 038-044 045-051 052-058 059-065 066-072 073-079 080-086 087-093 094-100 101-107 108-114 115-121 122-128 129-135 136-142 143-149 150-156 157-163 164-170	ZONE COLOR MACRO Null LEE 790 – Moroccan Pink LEE 157 – Pink LEE 332 – Special Rose Pink LEE 328 – Follies Pink LEE 345 – Fuchsia Pink LEE 194 – Surprise Pink LEE 181 – Congo Blue LEE 071 – Tokyo Blue LEE 120 – Deep Blue LEE 079 – Just Blue LEE 132 – Medium Blue LEE 200 – Double CT Blue LEE 161 – State Blue LEE 201 – Full CT Blue LEE 202 – Half CT Blue LEE 117 – Steel Blue LEE 353 – Lighter Blue LEE 118 – Light Blue LEE 116 – Medium Blue Green LEE 124 – Dark Green LEE 139 – Primary Green LEE 089 – Moss Green LEE 122 – Fern Green

				171-177 178-184 185-191 192-198 199-205 206-212 213-219 220-226 227-233 234-255	LEE 738 – JAS Green LEE 088 – Lime Green LEE 100 – Spring Yellow LEE 104 – Deep Amber LEE 179 – Chrome Orange LEE 105 – Orange LEE 021 – Gold Amber LEE 778 – Millennium Gold LEE 135 – Deep Gold Amber LEE 164 – Flame Red
		29		000-007 008-015 016-023 024-031 032-039 040-047 048-055 056-063 064-071 072-079 080-087 088-095 096-103 104-111 112-119 120-127 128-135 136-143 144-151 152-159 160-167 168-175 176-183 184-191 192-199 200-207 208-215 216-223 224-231 232-239 240-247 248-255	ZONE MACRO Null Built-in Effect 1 Built-in Effect 2 Built-in Effect 3 Built-in Effect 4 Built-in Effect 5 Built-in Effect 6 Built-in Effect 7 Built-in Effect 8 Built-in Effect 9 Built-in Effect 10 Built-in Effect 11 Built-in Effect 12 Built-in Effect 13 Built-in Effect 14 Built-in Effect 15 Built-in Effect 16 Built-in Effect 17 Built-in Effect 18 Built-in Effect 19 Built-in Effect 20 Built-in Effect 21 Built-in Effect 22 Built-in Effect 23 Built-in Effect 24 Built-in Effect 25 Built-in Effect 26 Built-in Effect 27 Built-in Effect 28 Built-in Effect 29 Built-in Effect 30 Built-in Effect 31
		30		000-127 128-255	ZONE MACRO SPEED Slow to Fast without Fade Slow to Fast with Fade
26		31		000-255	LINE 1 CW 0%→100%

	171		71	000-255	LINE 1 CW 1 0%→100%
	172		72	000-255	LINE 1 CW 2 0%→100%
	173		73	000-255	LINE 1 CW 3 0%→100%
	174		74	000-255	LINE 1 CW 4 0%→100%
	175		75	000-255	LINE 1 CW 5 0%→100%
	176			000-255	LINE 1 CW 6 0%→100%
	177			000-255	LINE 1 CW 7 0%→100%
	178			000-255	LINE 1 CW 8 0%→100%
	179			000-255	LINE 1 CW 9 0%→100%
	180			000-255	LINE 1 CW 10 0%→100%
		32		000-007 008-015 016-023 024-031 032-039 040-047 048-055 056-063 064-071 072-079 080-087 088-095 096-103 104-111 112-119 120-127 128-135 136-143 144-151 152-159 160-167 168-175 176-183 184-191 192-199 200-207	LINE 1 CW MACRO Null Built-in Effect 1 Built-in Effect 2 Built-in Effect 3 Built-in Effect 4 Built-in Effect 5 Built-in Effect 6 Built-in Effect 7 Built-in Effect 8 Built-in Effect 9 Built-in Effect 10 Built-in Effect 11 Built-in Effect 12 Built-in Effect 13 Built-in Effect 14 Built-in Effect 15 Built-in Effect 16 Built-in Effect 17 Built-in Effect 18 Built-in Effect 19 Built-in Effect 20 Built-in Effect 21 Built-in Effect 22 Built-in Effect 23 Built-in Effect 24 Built-in Effect 25

				208-215 216-223 224-231 232-239 240-247 248-255	Built-in Effect 26 Built-in Effect 27 Built-in Effect 28 Built-in Effect 29 Built-in Effect 30 Built-in Effect 31
		33		000-127 128-255	LINE 1 CW MACRO SPEED Slow to Fast without Fade Slow to Fast with Fade
27		34		000-255	LINE 2 CW 0%→100%
	181		76	000-255	LINE 2 CW 1 0%→100%
	182		77	000-255	LINE 2 CW 2 0%→100%
	183		78	000-255	LINE 2 CW 3 0%→100%
	184		79	000-255	LINE 2 CW 4 0%→100%
	185		80	000-255	LINE 2 CW 5 0%→100%
	186			000-255	LINE 2 CW 6 0%→100%
	187			000-255	LINE 2 CW 7 0%→100%
	188			000-255	LINE 2 CW 8 0%→100%
	189			000-255	LINE 2 CW 9 0%→100%
	190			000-255	LINE 2 CW 10 0%→100%
28		35		000-255	LINE 2 WW 0%→100%
	191		81	000-255	LINE 2 WW 1 0%→100%
	192		82	000-255	LINE 2 WW 2 0%→100%
	193		83	000-255	LINE 2 WW 3 0%→100%
	194		84	000-255	LINE 2 WW 4 0%→100%
	195		85	000-255	LINE 2 WW 5 0%→100%
	196			000-255	LINE 2 WW 6 0%→100%

	197			000-255	LINE 2 WW 7 0%→100%
	198			000-255	LINE 2 WW 8 0%→100%
	199			000-255	LINE 2 WW 9 0%→100%
	200			000-255	LINE 2 WW 10 0%→100%
					LINE 2 CW/WW CCT
				000	Null
				001-004	Null
				005-009	Null
				010-013	Null
				014-018	Null
				019-022	Null
				023-027	Null
				028-031	Null
				032-036	Null
				037-040	Null
				041-045	Null
				046-049	Null
				050-054	Null
				055-058	Null
				059-063	Null
				064-067	Null
				068-072	6500K
				073-076	6400K
				077-081	6300K
				082-085	6200K
				086-090	6100K
				091-094	6000K
				095-099	5900K
				100-103	5800K
				104-108	5700K
				109-112	5600K
				113-117	5500K
				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
				LINE 2 CW/WW MACRO	
				000-007	Null
				008-015	Built-in Effect 1
				016-023	Built-in Effect 2
				024-031	Built-in Effect 3
				032-039	Built-in Effect 4
				040-047	Built-in Effect 5
				048-055	Built-in Effect 6
				056-063	Built-in Effect 7
				064-071	Built-in Effect 8
				072-079	Built-in Effect 9
				080-087	Built-in Effect 10
				088-095	Built-in Effect 11
				096-103	Built-in Effect 12
				104-111	Built-in Effect 13
				112-119	Built-in Effect 14
				120-127	Built-in Effect 15
				128-135	Built-in Effect 16
				136-143	Built-in Effect 17
				144-151	Built-in Effect 18
				152-159	Built-in Effect 19
				160-167	Built-in Effect 20
				168-175	Built-in Effect 21
				176-183	Built-in Effect 22
				184-191	Built-in Effect 23
				192-199	Built-in Effect 24
				200-207	Built-in Effect 25
				208-215	Built-in Effect 26
				216-223	Built-in Effect 27
				224-231	Built-in Effect 28

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				232-239 240-247 248-255	Built-in Effect 29 Built-in Effect 30 Built-in Effect 31
		38		000-127 128-255	LINE 2 CW/WW MACRO SPEED Slow to Fast without Fade Slow to Fast with Fade
29		39		000-255	LINE 2 RED 0%→100%
30		40		000-255	LINE 2 GREEN 0%→100%
31		41		000-255	LINE 2 BLUE 0%→100%
	201		86	000-255	LINE 2 RED 1 0%→100%
	202		87	000-255	LINE 2 GREEN 1 0%→100%
	203		88	000-255	LINE 2 BLUE 1 0%→100%
	204		89	000-255	LINE 2 RED 2 0%→100%
	205		90	000-255	LINE 2 GREEN 2 0%→100%
	206		91	000-255	LINE 2 BLUE 2 0%→100%
	207		92	000-255	LINE 2 RED 3 0%→100%
	208		93	000-255	LINE 2 GREEN 3 0%→100%
	209		94	000-255	LINE 2 BLUE 3 0%→100%
	210		95	000-255	LINE 2 RED 4 0%→100%
	211		96	000-255	LINE 2 GREEN 4 0%→100%
	212		97	000-255	LINE 2 BLUE 4 0%→100%
	213		98	000-255	LINE 2 RED 5 0%→100%
	214		99	000-255	LINE 2 GREEN 5 0%→100%
	215		100	000-255	LINE 2 BLUE 5 0%→100%
	216			000-255	LINE 2 RED 6 0%→100%

	217			000-255	LINE 2 GREEN 6 0%→100%
	218			000-255	LINE 2 BLUE 6 0%→100%
	219			000-255	LINE 2 RED 7 0%→100%
	220			000-255	LINE 2 GREEN 7 0%→100%
	221			000-255	LINE 2 BLUE 7 0%→100%
	222			000-255	LINE 2 RED 8 0%→100%
	223			000-255	LINE 2 GREEN 8 0%→100%
	224			000-255	LINE 2 BLUE 8 0%→100%
	225			000-255	LINE 2 RED 9 0%→100%
	226			000-255	LINE 2 GREEN 9 0%→100%
	227			000-255	LINE 2 BLUE 9 0%→100%
	228			000-255	LINE 2 RED 10 0%→100%
	229			000-255	LINE 2 GREEN 10 0%→100%
	230			000-255	LINE 2 BLUE 10 0%→100%
		42		000-007 008-015 016-023 024-031 032-039 040-047 048-055 056-063 064-071 072-079 080-087 088-095 096-103 104-111 112-119 120-127 128-135	LINE 2 RGB MACRO Null Built-in Effect 1 Built-in Effect 2 Built-in Effect 3 Built-in Effect 4 Built-in Effect 5 Built-in Effect 6 Built-in Effect 7 Built-in Effect 8 Built-in Effect 9 Built-in Effect 10 Built-in Effect 11 Built-in Effect 12 Built-in Effect 13 Built-in Effect 14 Built-in Effect 15 Built-in Effect 16

				136-143	Built-in Effect 17
				144-151	Built-in Effect 18
				152-159	Built-in Effect 19
				160-167	Built-in Effect 20
				168-175	Built-in Effect 21
				176-183	Built-in Effect 22
				184-191	Built-in Effect 23
				192-199	Built-in Effect 24
				200-207	Built-in Effect 25
				208-215	Built-in Effect 26
				216-223	Built-in Effect 27
				224-231	Built-in Effect 28
				232-239	Built-in Effect 29
				240-247	Built-in Effect 30
				248-255	Built-in Effect 31
		43		000-127	LINE 2 RGB MACRO SPEED
				128-255	Slow to Fast without Fade
					Slow to Fast with Fade

20+80 Channels (Mode 5) / 20+210 Channels (Mode 6):

CHANNEL		VALUE	FUNCTION
20+80ch	20+210ch		
Controlled by DMX			
1	1	000-255	TILT 0°→185°
2	2	000-255	TILT FINE
3	3	000-255	TILT SPEED Fast to Slow
4	4	000-255	FROST 0%→100%
5	5	000-007	BEAM STROBE Close
		008-015	Open
		016-131	Strobe from Slow to Fast
		132-139	Open
		140-181	Fast Open Slow Close from Slow to Fast
		182-189	Open
		190-231	Slow Open Fast Close from Slow to Fast
		232-239	Open
		240-247	Random Strobe from Slow to Fast
		248-255	Open
6	6	000-255	BEAM DIMMER 0%→100%
7	7	000-255	BEAM DIMMER FINE
8	8	000-007	ZONE STROBE Close
		008-015	Open
		016-131	Strobe from Slow to Fast
		132-139	Open
		140-181	Fast Open Slow Close from Slow to Fast
		182-189	Open
		190-231	Slow Open Fast Close from Slow to Fast
		232-239	Open
		240-247	Random Strobe from Slow to Fast
		248-255	Open
9	9	000-255	ZONE DIMMER 0%→100%
10	10	000-255	ZONE DIMMER FINE
11	11	000-007 008-015	LINE 1 CW STROBE Close Open

		016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	Strobe from Slow to Fast Open Fast Open Slow Close from Slow to Fast Open Slow Open Fast Close from Slow to Fast Open Random Strobe from Slow to Fast Open
12	12	000-255	LINE 1 CW DIMMER 0%→100%
13	13	000-255	LINE 1 CW DIMMER FINE
14	14	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	LINE 2 CW/WW STROBE Close Open Strobe from Slow to Fast Open Fast Open Slow Close from Slow to Fast Open Slow Open Fast Close from Slow to Fast Open Random Strobe from Slow to Fast Open
15	15	000-255	LINE 2 CW/WW DIMMER 0%→100%
16	16	000-255	LINE 2 CW/WW DIMMER FINE
17	17	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	LINE 2 RGB STROBE Close Open Strobe from Slow to Fast Open Fast Open Slow Close from Slow to Fast Open Slow Open Fast Close from Slow to Fast Open Random Strobe from Slow to Fast Open
18	18	000-255	LINE 2 RGB DIMMER 0%→100%
19	19	000-255	LINE 2 RGB DIMMER FINE
20	20	000-029 030-039 040-049	SPECIAL FUNCTION (To activate following functions, stop in DMX value for at least 3 seconds.) Null Dimmer Curve: Linear Dimmer Curve: Square Law

		050-059	Dimmer Curve: Inv SQ Law
		060-069	Dimmer Curve: S Curve
		070-099	Null
		100-109	Led Frequency Setting Enable
		110-119	Led Frequency Setting Disable
		120-122	Null
		123	900Hz
		124	1000Hz
		125	1100Hz
		126	1200Hz
		127	1300Hz
		128	1400Hz
		129	1500Hz
		130	2500Hz
		131	4000Hz
		132	5000Hz
		133	6000Hz
		134	10KHz
		135	15KHz
		136	20KHz
		137	25KHz
		138-139	Null
		140-159	Null
		160-169	Invert Pixel Order: Yes
		170-179	Invert Pixel Order: No
		180-199	Null
		200-209	All Reset
		210-219	Dimmer Speed: Fast
		220-229	Dimmer Speed: Smooth
		230-239	Line Power Mode: Off
		240-249	Line Power Mode: On
		250-251	Dimming Start Mode: High
		252-253	Dimming Start Mode: Low
		254-255	Null
Controlled by Art-Net			
1	1	000-255	BEAM CW 1 0%→100%
2	2	000-255	BEAM CW 2 0%→100%
3	3	000-255	BEAM CW 3 0%→100%
4	4	000-255	BEAM CW 4 0%→100%
5	5	000-255	BEAM CW 5 0%→100%
6	6	000-255	BEAM CW 6 0%→100%

7	7	000-255	BEAM CW 7 0%→100%
8	8	000-255	BEAM CW 8 0%→100%
9	9	000-255	BEAM CW 9 0%→100%
10	10	000-255	BEAM CW 10 0%→100%
	11	000-255	BEAM CW 11 0%→100%
	12	000-255	BEAM CW 12 0%→100%
	13	000-255	BEAM CW 13 0%→100%
	14	000-255	BEAM CW 14 0%→100%
	15	000-255	BEAM CW 15 0%→100%
	16	000-255	BEAM CW 16 0%→100%
	17	000-255	BEAM CW 17 0%→100%
	18	000-255	BEAM CW 18 0%→100%
	19	000-255	BEAM CW 19 0%→100%
	20	000-255	BEAM CW 20 0%→100%
	21	000-255	BEAM CW 21 0%→100%
	22	000-255	BEAM CW 22 0%→100%
	23	000-255	BEAM CW 23 0%→100%
	24	000-255	BEAM CW 24 0%→100%
	25	000-255	BEAM CW 25 0%→100%
	26	000-255	BEAM CW 26 0%→100%
	27	000-255	BEAM CW 27 0%→100%
	28	000-255	BEAM CW 28 0%→100%

	29	000-255	BEAM CW 29 0%→100%
	30	000-255	BEAM CW 30 0%→100%
11	31	000-255	ZONE RED 1 0%→100%
12	32	000-255	ZONE GREEN 1 0%→100%
13	33	000-255	ZONE BLUE 1 0%→100%
14	34	000-255	ZONE WHITE 1 0%→100%
15	35	000-255	ZONE RED 2 0%→100%
16	36	000-255	ZONE GREEN 2 0%→100%
17	37	000-255	ZONE BLUE 2 0%→100%
18	38	000-255	ZONE WHITE 2 0%→100%
19	39	000-255	ZONE RED 3 0%→100%
20	40	000-255	ZONE GREEN 3 0%→100%
21	41	000-255	ZONE BLUE 3 0%→100%
22	42	000-255	ZONE WHITE 3 0%→100%
23	43	000-255	ZONE RED 4 0%→100%
24	44	000-255	ZONE GREEN 4 0%→100%
25	45	000-255	ZONE BLUE 4 0%→100%
26	46	000-255	ZONE WHITE 4 0%→100%
27	47	000-255	ZONE RED 5 0%→100%
28	48	000-255	ZONE GREEN 5 0%→100%
29	49	000-255	ZONE BLUE 5 0%→100%
30	50	000-255	ZONE WHITE 5 0%→100%

31	51	000-255	ZONE RED 6 0%→100%
32	52	000-255	ZONE GREEN 6 0%→100%
33	53	000-255	ZONE BLUE 6 0%→100%
34	54	000-255	ZONE WHITE 6 0%→100%
35	55	000-255	ZONE RED 7 0%→100%
36	56	000-255	ZONE GREEN 7 0%→100%
37	57	000-255	ZONE BLUE 7 0%→100%
38	58	000-255	ZONE WHITE 7 0%→100%
39	59	000-255	ZONE RED 8 0%→100%
40	60	000-255	ZONE GREEN 8 0%→100%
41	61	000-255	ZONE BLUE 8 0%→100%
42	62	000-255	ZONE WHITE 8 0%→100%
43	63	000-255	ZONE RED 9 0%→100%
44	64	000-255	ZONE GREEN 9 0%→100%
45	65	000-255	ZONE BLUE 9 0%→100%
46	66	000-255	ZONE WHITE 9 0%→100%
47	67	000-255	ZONE RED 10 0%→100%
48	68	000-255	ZONE GREEN 10 0%→100%
49	69	000-255	ZONE BLUE 10 0%→100%
50	70	000-255	ZONE WHITE 10 0%→100%
	71	000-255	ZONE RED 11 0%→100%
	72	000-255	ZONE GREEN 11 0%→100%

	73	000-255	ZONE BLUE 11 0%→100%
	74	000-255	ZONE WHITE 11 0%→100%
	75	000-255	ZONE RED 12 0%→100%
	76	000-255	ZONE GREEN 12 0%→100%
	77	000-255	ZONE BLUE 12 0%→100%
	78	000-255	ZONE WHITE 12 0%→100%
	79	000-255	ZONE RED 13 0%→100%
	80	000-255	ZONE GREEN 13 0%→100%
	81	000-255	ZONE BLUE 13 0%→100%
	82	000-255	ZONE WHITE 13 0%→100%
	83	000-255	ZONE RED 14 0%→100%
	84	000-255	ZONE GREEN 14 0%→100%
	85	000-255	ZONE BLUE 14 0%→100%
	86	000-255	ZONE WHITE 14 0%→100%
	87	000-255	ZONE RED 15 0%→100%
	88	000-255	ZONE GREEN 15 0%→100%
	89	000-255	ZONE BLUE 15 0%→100%
	90	000-255	ZONE WHITE 15 0%→100%
	91	000-255	ZONE RED 16 0%→100%
	92	000-255	ZONE GREEN 16 0%→100%
	93	000-255	ZONE BLUE 16 0%→100%
	94	000-255	ZONE WHITE 16 0%→100%

	95	000-255	ZONE RED 17 0%→100%
	96	000-255	ZONE GREEN 17 0%→100%
	97	000-255	ZONE BLUE 17 0%→100%
	98	000-255	ZONE WHITE 17 0%→100%
	99	000-255	ZONE RED 18 0%→100%
	100	000-255	ZONE GREEN 18 0%→100%
	101	000-255	ZONE BLUE 18 0%→100%
	102	000-255	ZONE WHITE 18 0%→100%
	103	000-255	ZONE RED 19 0%→100%
	104	000-255	ZONE GREEN 19 0%→100%
	105	000-255	ZONE BLUE 19 0%→100%
	106	000-255	ZONE WHITE 19 0%→100%
	107	000-255	ZONE RED 20 0%→100%
	108	000-255	ZONE GREEN 20 0%→100%
	109	000-255	ZONE BLUE 20 0%→100%
	110	000-255	ZONE WHITE 20 0%→100%
	111	000-255	ZONE RED 21 0%→100%
	112	000-255	ZONE GREEN 21 0%→100%
	113	000-255	ZONE BLUE 21 0%→100%
	114	000-255	ZONE WHITE 21 0%→100%
	115	000-255	ZONE RED 22 0%→100%
	116	000-255	ZONE GREEN 22 0%→100%

	117	000-255	ZONE BLUE 22 0%→100%
	118	000-255	ZONE WHITE 22 0%→100%
	119	000-255	ZONE RED 23 0%→100%
	120	000-255	ZONE GREEN 23 0%→100%
	121	000-255	ZONE BLUE 23 0%→100%
	122	000-255	ZONE WHITE 23 0%→100%
	123	000-255	ZONE RED 24 0%→100%
	124	000-255	ZONE GREEN 24 0%→100%
	125	000-255	ZONE BLUE 24 0%→100%
	126	000-255	ZONE WHITE 24 0%→100%
	127	000-255	ZONE RED 25 0%→100%
	128	000-255	ZONE GREEN 25 0%→100%
	129	000-255	ZONE BLUE 25 0%→100%
	130	000-255	ZONE WHITE 25 0%→100%
	131	000-255	ZONE RED 26 0%→100%
	132	000-255	ZONE GREEN 26 0%→100%
	133	000-255	ZONE BLUE 26 0%→100%
	134	000-255	ZONE WHITE 26 0%→100%
	135	000-255	ZONE RED 27 0%→100%
	136	000-255	ZONE GREEN 27 0%→100%
	137	000-255	ZONE BLUE 27 0%→100%
	138	000-255	ZONE WHITE 27 0%→100%

	139	000-255	ZONE RED 28 0%→100%
	140	000-255	ZONE GREEN 28 0%→100%
	141	000-255	ZONE BLUE 28 0%→100%
	142	000-255	ZONE WHITE 28 0%→100%
	143	000-255	ZONE RED 29 0%→100%
	144	000-255	ZONE GREEN 29 0%→100%
	145	000-255	ZONE BLUE 29 0%→100%
	146	000-255	ZONE WHITE 29 0%→100%
	147	000-255	ZONE RED 30 0%→100%
	148	000-255	ZONE GREEN 30 0%→100%
	149	000-255	ZONE BLUE 30 0%→100%
	150	000-255	ZONE WHITE 30 0%→100%
51	151	000-255	LINE 1 CW 1 0%→100%
52	152	000-255	LINE 1 CW 2 0%→100%
53	153	000-255	LINE 1 CW 3 0%→100%
54	154	000-255	LINE 1 CW 4 0%→100%
55	155	000-255	LINE 1 CW 5 0%→100%
	156	000-255	LINE 1 CW 6 0%→100%
	157	000-255	LINE 1 CW 7 0%→100%
	158	000-255	LINE 1 CW 8 0%→100%
	159	000-255	LINE 1 CW 9 0%→100%
	160	000-255	LINE 1 CW 10 0%→100%

56	161	000-255	LINE 2 CW 1 0%→100%
57	162	000-255	LINE 2 CW 2 0%→100%
58	163	000-255	LINE 2 CW 3 0%→100%
59	164	000-255	LINE 2 CW 4 0%→100%
60	165	000-255	LINE 2 CW 5 0%→100%
	166	000-255	LINE 2 CW 6 0%→100%
	167	000-255	LINE 2 CW 7 0%→100%
	168	000-255	LINE 2 CW 8 0%→100%
	169	000-255	LINE 2 CW 9 0%→100%
	170	000-255	LINE 2 CW 10 0%→100%
61	171	000-255	LINE 2 WW 1 0%→100%
62	172	000-255	LINE 2 WW 2 0%→100%
63	173	000-255	LINE 2 WW 3 0%→100%
64	174	000-255	LINE 2 WW 4 0%→100%
65	175	000-255	LINE 2 WW 5 0%→100%
	176	000-255	LINE 2 WW 6 0%→100%
	177	000-255	LINE 2 WW 7 0%→100%
	178	000-255	LINE 2 WW 8 0%→100%
	179	000-255	LINE 2 WW 9 0%→100%
	180	000-255	LINE 2 WW 10 0%→100%
66	181	000-255	LINE 2 RED 1 0%→100%
67	182	000-255	LINE 2 GREEN 1 0%→100%

68	183	000-255	LINE 2 BLUE 1 0%→100%
69	184	000-255	LINE 2 RED 2 0%→100%
70	185	000-255	LINE 2 GREEN 2 0%→100%
71	186	000-255	LINE 2 BLUE 2 0%→100%
72	187	000-255	LINE 2 RED 3 0%→100%
73	188	000-255	LINE 2 GREEN 3 0%→100%
74	189	000-255	LINE 2 BLUE 3 0%→100%
75	190	000-255	LINE 2 RED 4 0%→100%
76	191	000-255	LINE 2 GREEN 4 0%→100%
77	192	000-255	LINE 2 BLUE 4 0%→100%
78	193	000-255	LINE 2 RED 5 0%→100%
79	194	000-255	LINE 2 GREEN 5 0%→100%
80	195	000-255	LINE 2 BLUE 5 0%→100%
	196	000-255	LINE 2 RED 6 0%→100%
	197	000-255	LINE 2 GREEN 6 0%→100%
	198	000-255	LINE 2 BLUE 6 0%→100%
	199	000-255	LINE 2 RED 7 0%→100%
	200	000-255	LINE 2 GREEN 7 0%→100%
	201	000-255	LINE 2 BLUE 7 0%→100%
	202	000-255	LINE 2 RED 8 0%→100%
	203	000-255	LINE 2 GREEN 8 0%→100%
	204	000-255	LINE 2 BLUE 8 0%→100%

	205	000-255	LINE 2 RED 9 0%→100%
	206	000-255	LINE 2 GREEN 9 0%→100%
	207	000-255	LINE 2 BLUE 9 0%→100%
	208	000-255	LINE 2 RED 10 0%→100%
	209	000-255	LINE 2 GREEN 10 0%→100%
	210	000-255	LINE 2 BLUE 10 0%→100%

LED PIXEL ZONES:

