

NANLITE

PavoTube T8-7X DMX REFERENCE GUIDE

This DMX reference guide has been compiled according to the rigorous testing of our company's product. You are subject to design change in product without prior notice if there is any later. You can download the latest version of the DMX reference guide from www.nanlite.com.

CCT & RGBW 8bit PIXEL = 1

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	CCT(2700K-12000K)	
3	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
4	0-255	0-100	CROSSFADE CCT to RGBW	
5	0-255	0-100	Red Intensity	
6	0-255	0-100	Green Intensity	
7	0-255	0-100	Blue Intensity	
8	0-255	0-100	White Intensity	
9	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT & RGBW 16bit PIXEL = 1

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	CCT(2700K-12000K)	
5-6	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
7	0-255	0-100	CROSSFADE CCT to RGBW	
8-9	0-65535	0-100	Red Intensity	
10-11	0-65535	0-100	Green Intensity	
12-13	0-65535	0-100	Blue Intensity	
14-15	0-65535	0-100	White Intensity	
16	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT & HSI 8bit PIXEL = 1

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	CCT(2700K-12000K)	
3	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
4	0-255	0-100	CROSSFADE CCT to HSI	
5	0-255	0-100	HUE 0 to 359 Degrees	
6	0-255	0-100	SAT 0 to Full Saturation	
7	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT & HSI 16bit PIXEL = 1

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	CCT(2700K-12000K)	
5-6	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
7	0-255	0-100	CROSSFADE CCT to HSI	
8-9	0-65535	0-100	HUE 0 to 359 Degrees	
10-11	0-65535	0-100	SAT 0 to Full Saturation	
12	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT 8bit PIXEL = 1

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	CCT(2700K-12000K)	
3	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
4	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT 16bit PIXEL = 1

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	CCT(2700K-12000K)	
5-6	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
7	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

HSI 8bit PIXEL = 1

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	HUE 0 to 359 Degrees	
3	0-255	0-100	SAT 0 to Full Saturation	
4	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

HSI 16bit PIXEL = 1

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	HUE 0 to 359 Degrees	
5-6	0-65535	0-100	SAT 0 to Full Saturation	
7	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

RGBW 8bit PIXEL = 1

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	Red Intensity	
3	0-255	0-100	Green Intensity	
4	0-255	0-100	Blue Intensity	
5	0-255	0-100	White Intensity	
6	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

RGBW 16bit PIXEL = 1

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	Red Intensity	
5-6	0-65535	0-100	Green Intensity	
7-8	0-65535	0-100	Blue Intensity	
9-10	0-65535	0-100	White Intensity	
11	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT & RGBW 8bit PIXEL = 4

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	CCT(2700K-12000K)	
3	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
4	0-255	0-100	CROSSFADE CCT to RGBW	
5	0-255	0-100	Red Intensity	
6	0-255	0-100	Green Intensity	
7	0-255	0-100	Blue Intensity	
8	0-255	0-100	White Intensity	
9	0-255	0-100	DIMMER 0% to 100%	
10	0-255	0-100	CCT(2700K-12000K)	
11	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
12	0-255	0-100	CROSSFADE CCT to RGBW	
13	0-255	0-100	Red Intensity	
14	0-255	0-100	Green Intensity	
15	0-255	0-100	Blue Intensity	
16	0-255	0-100	White Intensity	

CCT & RGBW 8bit PIXEL = 4

CHANNEL	VALUE	%	FUNCTION	PIXEL	
17	0-255	0-100	DIMMER 0% to 100%	PIXEL(3)	
18	0-255	0-100	CCT(2700K-12000K)		
19	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
20	0-255	0-100	CROSSFADE CCT to RGBW		
21	0-255	0-100	Red Intensity		
22	0-255	0-100	Green Intensity		
23	0-255	0-100	Blue Intensity		
24	0-255	0-100	White Intensity		
25	0-255	0-100	DIMMER 0% to 100%		PIXEL(4)
26	0-255	0-100	CCT(2700K-12000K)		
27	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
28	0-255	0-100	CROSSFADE CCT to RGBW		
29	0-255	0-100	Red Intensity		
30	0-255	0-100	Green Intensity		
31	0-255	0-100	Blue Intensity		
32	0-255	0-100	White Intensity		
33	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)		

CCT & RGBW 16bit PIXEL = 4

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	CCT(2700K-12000K)	
5-6	0-5000	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	5001-10000	5-8		
	10001-29999	9-47		
	30000-40000	48-57		
	40001-59999	58-96		
60000-65535	97-100			
7	0-255	0-100	CROSSFADE CCT to RGBW	
8-9	0-65535	0-100	Red Intensity	
10-11	0-65535	0-100	Green Intensity	
12-13	0-65535	0-100	Blue Intensity	
14-15	0-65535	0-100	White Intensity	
16-17	0-65535	0-100	DIMMER 0% to 100%	PIXEL(2)
18-19	0-65535	0-100	CCT(2700K-12000K)	
20-21	0-5000	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	5001-10000	5-8		
	10001-29999	9-47		
	30000-40000	48-57		
	40001-59999	58-96		
60000-65535	97-100			
22	0-255	0-100	CROSSFADE CCT to RGBW	
23-24	0-65535	0-100	Red Intensity	
25-26	0-65535	0-100	Green Intensity	
27-28	0-65535	0-100	Blue Intensity	
29-30	0-65535	0-100	White Intensity	

CCT & RGBW 16bit PIXEL = 4

CHANNEL	VALUE	%	FUNCTION	PIXEL
31-32	0-65535	0-100	DIMMER 0% to 100%	PIXEL(3)
33-34	0-65535	0-100	CCT(2700K-12000K)	
35-36	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
37	0-255	0-100	CROSSFADE CCT to RGBW	
38-39	0-65535	0-100	Red Intensity	
40-41	0-65535	0-100	Green Intensity	
42-43	0-65535	0-100	Blue Intensity	
44-45	0-65535	0-100	White Intensity	
46-47	0-65535	0-100	DIMMER 0% to 100%	
48-49	0-65535	0-100	CCT(2700K-12000K)	
50-51	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	PIXEL(4)
52	0-255	0-100	CROSSFADE CCT to RGBW	
53-54	0-65535	0-100	Red Intensity	
55-56	0-65535	0-100	Green Intensity	
57-58	0-65535	0-100	Blue Intensity	
59-60	0-65535	0-100	White Intensity	
61	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT & HSI 8bit PIXEL = 4

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	CCT(2700K-12000K)	
3	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
4	0-255	0-100	CROSSFADE CCT to HSI	
5	0-255	0-100	HUE 0 to 359 Degrees	
6	0-255	0-100	SAT 0 to Full Saturation	
7	0-255	0-100	DIMMER 0% to 100%	PIXEL(2)
8	0-255	0-100	CCT(2700K-12000K)	
9	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
10	0-255	0-100	CROSSFADE CCT to HSI	
11	0-255	0-100	HUE 0 to 359 Degrees	
12	0-255	0-100	SAT 0 to Full Saturation	
13	0-255	0-100	DIMMER 0% to 100%	PIXEL(3)
14	0-255	0-100	CCT(2700K-12000K)	
15	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
16	0-255	0-100	CROSSFADE CCT to HSI	
17	0-255	0-100	HUE 0 to 359 Degrees	
18	0-255	0-100	SAT 0 to Full Saturation	

CCT & HSI 8bit PIXEL = 4

CHANNEL	VALUE	%	FUNCTION	PIXEL
19	0-255	0-100	DIMMER 0% to 100%	PIXEL(4)
20	0-255	0-100	CCT(2700K-12000K)	
21	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
22	0-255	0-100	CROSSFADE CCT to HSI	
23	0-255	0-100	HUE 0 to 359 Degrees	
24	0-255	0-100	SAT 0 to Full Saturation	
25	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT & HSI 16bit PIXEL = 4

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	CCT(2700K-12000K)	
5-6	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
7	0-255	0-100	CROSSFADE CCT to HSI	
8-9	0-65535	0-100	HUE 0 to 359 Degrees	
10-11	0-65535	0-100	SAT 0 to Full Saturation	

CCT & HSI 16bit PIXEL = 4

CHANNEL	VALUE	%	FUNCTION	PIXEL
12-13	0-65535	0-100	DIMMER 0% to 100%	PIXEL(2)
14-15	0-65535	0-100	CCT(2700K-12000K)	
16-17	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
18	0-255	0-100	CROSSFADE CCT to HSI	
19-20	0-65535	0-100	HUE 0 to 359 Degrees	
21-22	0-65535	0-100	SAT 0 to Full Saturation	
23-24	0-65535	0-100	DIMMER 0% to 100%	
25-26	0-65535	0-100	CCT(2700K-12000K)	
27-28	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
29	0-255	0-100	CROSSFADE CCT to HSI	
30-31	0-65535	0-100	HUE 0 to 359 Degrees	
32-33	0-65535	0-100	SAT 0 to Full Saturation	
34-35	0-65535	0-100	DIMMER 0% to 100%	PIXEL(4)
36-37	0-65535	0-100	CCT(2700K-12000K)	
38-39	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
40	0-255	0-100	CROSSFADE CCT to HSI	
41-42	0-65535	0-100	HUE 0 to 359 Degrees	
43-44	0-65535	0-100	SAT 0 to Full Saturation	
45	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT 8bit PIXEL = 4

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	CCT(2700K-12000K)	
3	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
4	0-255	0-100	DIMMER 0% to 100%	PIXEL(2)
5	0-255	0-100	CCT(2700K-12000K)	
6	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
7	0-255	0-100	DIMMER 0% to 100%	PIXEL(3)
8	0-255	0-100	CCT(2700K-12000K)	
9	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
10	0-255	0-100	DIMMER 0% to 100%	PIXEL(4)
11	0-255	0-100	CCT(2700K-12000K)	
12	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
13	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT 16bit PIXEL = 4

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	CCT(2700K-12000K)	
5-6	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
7-8	0-65535	0-100	DIMMER 0% to 100%	PIXEL(2)
9-10	0-65535	0-100	CCT(2700K-12000K)	
11-12	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
13-14	0-65535	0-100	DIMMER 0% to 100%	PIXEL(3)
15-16	0-65535	0-100	CCT(2700K-12000K)	
17-18	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
19-20	0-65535	0-100	DIMMER 0% to 100%	PIXEL(4)
21-22	0-65535	0-100	CCT(2700K-12000K)	
23-24	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
25	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

HSI 8bit PIXEL = 4

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	HUE 0 to 359 Degrees	
3	0-255	0-100	SAT 0 to Full Saturation	
4	0-255	0-100	DIMMER 0% to 100%	PIXEL(2)
5	0-255	0-100	HUE 0 to 359 Degrees	
6	0-255	0-100	SAT 0 to Full Saturation	
7	0-255	0-100	DIMMER 0% to 100%	PIXEL(3)
8	0-255	0-100	HUE 0 to 359 Degrees	
9	0-255	0-100	SAT 0 to Full Saturation	
10	0-255	0-100	DIMMER 0% to 100%	PIXEL(4)
11	0-255	0-100	HUE 0 to 359 Degrees	
12	0-255	0-100	SAT 0 to Full Saturation	
13	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

HSI 16bit PIXEL = 4

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	HUE 0 to 359 Degrees	
5-6	0-65535	0-100	SAT 0 to Full Saturation	
7-8	0-65535	0-100	DIMMER 0% to 100%	PIXEL(2)
9-10	0-65535	0-100	HUE 0 to 359 Degrees	
11-12	0-65535	0-100	SAT 0 to Full Saturation	
13-14	0-65535	0-100	DIMMER 0% to 100%	PIXEL(3)
15-16	0-65535	0-100	HUE 0 to 359 Degrees	
17-18	0-65535	0-100	SAT 0 to Full Saturation	
19-20	0-65535	0-100	DIMMER 0% to 100%	PIXEL(4)
21-22	0-65535	0-100	HUE 0 to 359 Degrees	
23-24	0-65535	0-100	SAT 0 to Full Saturation	
25	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

RGBW 8bit PIXEL = 4

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	Red Intensity	
3	0-255	0-100	Green Intensity	
4	0-255	0-100	Blue Intensity	
5	0-255	0-100	White Intensity	
6	0-255	0-100	DIMMER 0% to 100%	PIXEL(2)
7	0-255	0-100	Red Intensity	
8	0-255	0-100	Green Intensity	
9	0-255	0-100	Blue Intensity	
10	0-255	0-100	White Intensity	
11	0-255	0-100	DIMMER 0% to 100%	PIXEL(3)
12	0-255	0-100	Red Intensity	
13	0-255	0-100	Green Intensity	
14	0-255	0-100	Blue Intensity	
15	0-255	0-100	White Intensity	
16	0-255	0-100	DIMMER 0% to 100%	PIXEL(4)
17	0-255	0-100	Red Intensity	
18	0-255	0-100	Green Intensity	
19	0-255	0-100	Blue Intensity	
20	0-255	0-100	White Intensity	
21	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

RGBW 16bit PIXEL = 4

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	Red Intensity	
5-6	0-65535	0-100	Green Intensity	
7-8	0-65535	0-100	Blue Intensity	
9-10	0-65535	0-100	White Intensity	
11-12	0-65535	0-100	DIMMER 0% to 100%	PIXEL(2)
13-14	0-65535	0-100	Red Intensity	
15-16	0-65535	0-100	Green Intensity	
17-18	0-65535	0-100	Blue Intensity	
19-20	0-65535	0-100	White Intensity	
21-22	0-65535	0-100	DIMMER 0% to 100%	PIXEL(3)
23-24	0-65535	0-100	Red Intensity	
25-26	0-65535	0-100	Green Intensity	
27-28	0-65535	0-100	Blue Intensity	
29-30	0-65535	0-100	White Intensity	
31-32	0-65535	0-100	DIMMER 0% to 100%	PIXEL(4)
33-34	0-65535	0-100	Red Intensity	
35-36	0-65535	0-100	Green Intensity	
37-38	0-65535	0-100	Blue Intensity	
39-40	0-65535	0-100	White Intensity	
41	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT & RGBW 8bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	CCT(2700K-12000K)	
3	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
4	0-255	0-100	CROSSFADE CCT to RGBW	
5	0-255	0-100	Red Intensity	
6	0-255	0-100	Green Intensity	
7	0-255	0-100	Blue Intensity	
8	0-255	0-100	White Intensity	
9	0-255	0-100	DIMMER 0% to 100%	
10	0-255	0-100	CCT(2700K-12000K)	
11	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
12	0-255	0-100	CROSSFADE CCT to RGBW	
13	0-255	0-100	Red Intensity	
14	0-255	0-100	Green Intensity	
15	0-255	0-100	Blue Intensity	
16	0-255	0-100	White Intensity	

CCT & RGBW 8bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
17	0-255	0-100	DIMMER 0% to 100%	PIXEL(3)
18	0-255	0-100	CCT(2700K-12000K)	
19	0-10	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	11-20	5-8		
	21-119	9-47		
	120-145	48-57		
	146-244	58-96		
245-255	97-100			
20	0-255	0-100	CROSSFADE CCT to RGBW	
21	0-255	0-100	Red Intensity	
22	0-255	0-100	Green Intensity	
23	0-255	0-100	Blue Intensity	
24	0-255	0-100	White Intensity	
25	0-255	0-100	DIMMER 0% to 100%	PIXEL(4)
26	0-255	0-100	CCT(2700K-12000K)	
27	0-10	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	11-20	5-8		
	21-119	9-47		
	120-145	48-57		
	146-244	58-96		
245-255	97-100			
28	0-255	0-100	CROSSFADE CCT to RGBW	
29	0-255	0-100	Red Intensity	
30	0-255	0-100	Green Intensity	
31	0-255	0-100	Blue Intensity	
32	0-255	0-100	White Intensity	

CCT & RGBW 8bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
33	0-255	0-100	DIMMER 0% to 100%	PIXEL(5)
34	0-255	0-100	CCT(2700K-12000K)	
35	0-10	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	11-20	5-8		
	21-119	9-47		
	120-145	48-57		
	146-244	58-96		
245-255	97-100			
36	0-255	0-100	CROSSFADE CCT to RGBW	
37	0-255	0-100	Red Intensity	
38	0-255	0-100	Green Intensity	
39	0-255	0-100	Blue Intensity	
40	0-255	0-100	White Intensity	
41	0-255	0-100	DIMMER 0% to 100%	PIXEL(6)
42	0-255	0-100	CCT(2700K-12000K)	
43	0-10	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	11-20	5-8		
	21-119	9-47		
	120-145	48-57		
	146-244	58-96		
245-255	97-100			
44	0-255	0-100	CROSSFADE CCT to RGBW	
45	0-255	0-100	Red Intensity	
46	0-255	0-100	Green Intensity	
47	0-255	0-100	Blue Intensity	
48	0-255	0-100	White Intensity	

CCT & RGBW 8bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
49	0-255	0-100	DIMMER 0% to 100%	PIXEL(7)
50	0-255	0-100	CCT(2700K-12000K)	
51	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
52	0-255	0-100	CROSSFADE CCT to RGBW	
53	0-255	0-100	Red Intensity	
54	0-255	0-100	Green Intensity	
55	0-255	0-100	Blue Intensity	
56	0-255	0-100	White Intensity	
57	0-255	0-100	DIMMER 0% to 100%	
58	0-255	0-100	CCT(2700K-12000K)	
59	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	PIXEL(8)
60	0-255	0-100	CROSSFADE CCT to RGBW	
61	0-255	0-100	Red Intensity	
62	0-255	0-100	Green Intensity	
63	0-255	0-100	Blue Intensity	
64	0-255	0-100	White Intensity	
65	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT & RGBW 16bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	CCT(2700K-12000K)	
5-6	0-5000	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	5001-10000	5-8		
	10001-29999	9-47		
	30000-40000	48-57		
	40001-59999	58-96		
60000-65535	97-100			
7	0-255	0-100	CROSSFADE CCT to RGBW	
8-9	0-65535	0-100	Red Intensity	
10-11	0-65535	0-100	Green Intensity	
12-13	0-65535	0-100	Blue Intensity	
14-15	0-65535	0-100	White Intensity	
16-17	0-65535	0-100	DIMMER 0% to 100%	PIXEL(2)
18-19	0-65535	0-100	CCT(2700K-12000K)	
20-21	0-5000	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	5001-10000	5-8		
	10001-29999	9-47		
	30000-40000	48-57		
	40001-59999	58-96		
60000-65535	97-100			
22	0-255	0-100	CROSSFADE CCT to RGBW	
23-24	0-65535	0-100	Red Intensity	
25-26	0-65535	0-100	Green Intensity	
27-28	0-65535	0-100	Blue Intensity	
29-30	0-65535	0-100	White Intensity	

CCT & RGBW 16bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
31-32	0-65535	0-100	DIMMER 0% to 100%	PIXEL(3)
33-34	0-65535	0-100	CCT(2700K-12000K)	
35-36	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
37	0-255	0-100	CROSSFADE CCT to RGBW	
38-39	0-65535	0-100	Red Intensity	
40-41	0-65535	0-100	Green Intensity	
42-43	0-65535	0-100	Blue Intensity	
44-45	0-65535	0-100	White Intensity	
46-47	0-65535	0-100	DIMMER 0% to 100%	
48-49	0-65535	0-100	CCT(2700K-12000K)	
50-51	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	PIXEL(4)
52	0-255	0-100	CROSSFADE CCT to RGBW	
53-54	0-65535	0-100	Red Intensity	
55-56	0-65535	0-100	Green Intensity	
57-58	0-65535	0-100	Blue Intensity	
59-60	0-65535	0-100	White Intensity	

CCT & RGBW 16bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
61-62	0-65535	0-100	DIMMER 0% to 100%	PIXEL(5)
63-64	0-65535	0-100	CCT(2700K-12000K)	
65-66	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
67	0-255	0-100	CROSSFADE CCT to RGBW	
68-69	0-65535	0-100	Red Intensity	
70-71	0-65535	0-100	Green Intensity	
72-73	0-65535	0-100	Blue Intensity	
74-75	0-65535	0-100	White Intensity	
76-77	0-65535	0-100	DIMMER 0% to 100%	
78-79	0-65535	0-100	CCT(2700K-12000K)	
80-81	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	PIXEL(6)
82	0-255	0-100	CROSSFADE CCT to RGBW	
83-84	0-65535	0-100	Red Intensity	
85-86	0-65535	0-100	Green Intensity	
87-88	0-65535	0-100	Blue Intensity	
89-90	0-65535	0-100	White Intensity	

CCT & RGBW 16bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
91-92	0-65535	0-100	DIMMER 0% to 100%	PIXEL(7)
93-94	0-65535	0-100	CCT(2700K-12000K)	
95-96	0-5000	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	5001-10000	5-8		
	10001-29999	9-47		
	30000-40000	48-57		
	40001-59999	58-96		
60000-65535	97-100			
97	0-255	0-100	CROSSFADE CCT to RGBW	
98-99	0-65535	0-100	Red Intensity	
100-101	0-65535	0-100	Green Intensity	
102-103	0-65535	0-100	Blue Intensity	
104-105	0-65535	0-100	White Intensity	
106-107	0-65535	0-100	DIMMER 0% to 100%	PIXEL(8)
108-109	0-65535	0-100	CCT(2700K-12000K)	
110-111	0-5000	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	5001-10000	5-8		
	10001-29999	9-47		
	30000-40000	48-57		
	40001-59999	58-96		
60000-65535	97-100			
112	0-255	0-100	CROSSFADE CCT to RGBW	
113-114	0-65535	0-100	Red Intensity	
115-116	0-65535	0-100	Green Intensity	
117-118	0-65535	0-100	Blue Intensity	
119-120	0-65535	0-100	White Intensity	
121	0 - 3	0 - 1.2	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	
	4	1.6		
	5	2.0		
	6	2.4		
	7-255	2.7 - 100		

CCT & HSI 8bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	CCT(2700K-12000K)	
3	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
4	0-255	0-100	CROSSFADE CCT to HSI	
5	0-255	0-100	HUE 0 to 359 Degrees	
6	0-255	0-100	SAT 0 to Full Saturation	
7	0-255	0-100	DIMMER 0% to 100%	PIXEL(2)
8	0-255	0-100	CCT(2700K-12000K)	
9	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
10	0-255	0-100	CROSSFADE CCT to HSI	
11	0-255	0-100	HUE 0 to 359 Degrees	
12	0-255	0-100	SAT 0 to Full Saturation	
13	0-255	0-100	DIMMER 0% to 100%	PIXEL(3)
14	0-255	0-100	CCT(2700K-12000K)	
15	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
16	0-255	0-100	CROSSFADE CCT to HSI	
17	0-255	0-100	HUE 0 to 359 Degrees	
18	0-255	0-100	SAT 0 to Full Saturation	

CCT & HSI 8bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
19	0-255	0-100	DIMMER 0% to 100%	PIXEL(4)
20	0-255	0-100	CCT(2700K-12000K)	
21	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
22	0-255	0-100	CROSSFADE CCT to HSI	
23	0-255	0-100	HUE 0 to 359 Degrees	
24	0-255	0-100	SAT 0 to Full Saturation	
25	0-255	0-100	DIMMER 0% to 100%	
26	0-255	0-100	CCT(2700K-12000K)	
27	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
28	0-255	0-100	CROSSFADE CCT to HSI	
29	0-255	0-100	HUE 0 to 359 Degrees	
30	0-255	0-100	SAT 0 to Full Saturation	
31	0-255	0-100	DIMMER 0% to 100%	PIXEL(6)
32	0-255	0-100	CCT(2700K-12000K)	
33	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
34	0-255	0-100	CROSSFADE CCT to HSI	
35	0-255	0-100	HUE 0 to 359 Degrees	
36	0-255	0-100	SAT 0 to Full Saturation	

CCT & HSI 8bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
37	0-255	0-100	DIMMER 0% to 100%	PIXEL(7)
38	0-255	0-100	CCT(2700K-12000K)	
39	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
40	0-255	0-100	CROSSFADE CCT to HSI	
41	0-255	0-100	HUE 0 to 359 Degrees	
42	0-255	0-100	SAT 0 to Full Saturation	
43	0-255	0-100	DIMMER 0% to 100%	
44	0-255	0-100	CCT(2700K-12000K)	
45	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
46	0-255	0-100	CROSSFADE CCT to HSI	
47	0-255	0-100	HUE 0 to 359 Degrees	
48	0-255	0-100	SAT 0 to Full Saturation	
49	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT & HSI 16bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL	
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)	
3-4	0-65535	0-100	CCT(2700K-12000K)		
5-6	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
7	0-255	0-100	CROSSFADE CCT to HSI		
8-9	0-65535	0-100	HUE 0 to 359 Degrees		
10-11	0-65535	0-100	SAT 0 to Full Saturation		
12-13	0-65535	0-100	DIMMER 0% to 100%		PIXEL(2)
14-15	0-65535	0-100	CCT(2700K-12000K)		
16-17	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
18	0-255	0-100	CROSSFADE CCT to HSI		
19-20	0-65535	0-100	HUE 0 to 359 Degrees		
21-22	0-65535	0-100	SAT 0 to Full Saturation		
23-24	0-65535	0-100	DIMMER 0% to 100%	PIXEL(3)	
25-26	0-65535	0-100	CCT(2700K-12000K)		
27-28	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
29	0-255	0-100	CROSSFADE CCT to HSI		
30-31	0-65535	0-100	HUE 0 to 359 Degrees		
32-33	0-65535	0-100	SAT 0 to Full Saturation		

CCT & HSI 16bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
34-35	0-65535	0-100	DIMMER 0% to 100%	PIXEL(4)
36-37	0-65535	0-100	CCT(2700K-12000K)	
38-39	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
40	0-255	0-100	CROSSFADE CCT to HSI	
41-42	0-65535	0-100	HUE 0 to 359 Degrees	
43-44	0-65535	0-100	SAT 0 to Full Saturation	
45-46	0-65535	0-100	DIMMER 0% to 100%	
47-48	0-65535	0-100	CCT(2700K-12000K)	
49-50	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
51	0-255	0-100	CROSSFADE CCT to HSI	
52-53	0-65535	0-100	HUE 0 to 359 Degrees	
54-55	0-65535	0-100	SAT 0 to Full Saturation	
56-57	0-65535	0-100	DIMMER 0% to 100%	PIXEL(6)
58-59	0-65535	0-100	CCT(2700K-12000K)	
60-61	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
62	0-255	0-100	CROSSFADE CCT to HSI	
63-64	0-65535	0-100	HUE 0 to 359 Degrees	
65-66	0-65535	0-100	SAT 0 to Full Saturation	

CCT & HSI 16bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
67-68	0-65535	0-100	DIMMER 0% to 100%	PIXEL(7)
69-70	0-65535	0-100	CCT(2700K-12000K)	
71-72	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
73	0-255	0-100	CROSSFADE CCT to HSI	
74-75	0-65535	0-100	HUE 0 to 359 Degrees	
76-77	0-65535	0-100	SAT 0 to Full Saturation	
78-79	0-65535	0-100	DIMMER 0% to 100%	
80-81	0-65535	0-100	CCT(2700K-12000K)	
82-83	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
84	0-255	0-100	CROSSFADE CCT to HSI	
85-86	0-65535	0-100	HUE 0 to 359 Degrees	
87-88	0-65535	0-100	SAT 0 to Full Saturation	
89	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT 8bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	CCT(2700K-12000K)	
3	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
4	0-255	0-100	DIMMER 0% to 100%	PIXEL(2)
5	0-255	0-100	CCT(2700K-12000K)	
6	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
7	0-255	0-100	DIMMER 0% to 100%	PIXEL(3)
8	0-255	0-100	CCT(2700K-12000K)	
9	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
10	0-255	0-100	DIMMER 0% to 100%	PIXEL(4)
11	0-255	0-100	CCT(2700K-12000K)	
12	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
13	0-255	0-100	DIMMER 0% to 100%	PIXEL(5)
14	0-255	0-100	CCT(2700K-12000K)	
15	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	

CCT 8bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
16	0-255	0-100	DIMMER 0% to 100%	PIXEL(6)
17	0-255	0-100	CCT(2700K-12000K)	
18	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
19	0-255	0-100	DIMMER 0% to 100%	PIXEL(7)
20	0-255	0-100	CCT(2700K-12000K)	
21	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
22	0-255	0-100	DIMMER 0% to 100%	PIXEL(8)
23	0-255	0-100	CCT(2700K-12000K)	
24	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
25	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT 16bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	CCT(2700K-12000K)	
5-6	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
7-8	0-65535	0-100	DIMMER 0% to 100%	PIXEL(2)
9-10	0-65535	0-100	CCT(2700K-12000K)	
11-12	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
13-14	0-65535	0-100	DIMMER 0% to 100%	PIXEL(3)
15-16	0-65535	0-100	CCT(2700K-12000K)	
17-18	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
19-20	0-65535	0-100	DIMMER 0% to 100%	PIXEL(4)
21-22	0-65535	0-100	CCT(2700K-12000K)	
23-24	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
25-26	0-65535	0-100	DIMMER 0% to 100%	PIXEL(5)
27-28	0-65535	0-100	CCT(2700K-12000K)	
29-30	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	

CCT 16bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
31-32	0-65535	0-100	DIMMER 0% to 100%	PIXEL(6)
33-34	0-65535	0-100	CCT(2700K-12000K)	
35-36	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
37-38	0-65535	0-100	DIMMER 0% to 100%	PIXEL(7)
39-40	0-65535	0-100	CCT(2700K-12000K)	
41-42	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
43-44	0-65535	0-100	DIMMER 0% to 100%	PIXEL(8)
45-46	0-65535	0-100	CCT(2700K-12000K)	
47-48	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
49	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

HSI 8bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	HUE 0 to 359 Degrees	
3	0-255	0-100	SAT 0 to Full Saturation	
4	0-255	0-100	DIMMER 0% to 100%	PIXEL(2)
5	0-255	0-100	HUE 0 to 359 Degrees	
6	0-255	0-100	SAT 0 to Full Saturation	
7	0-255	0-100	DIMMER 0% to 100%	PIXEL(3)
8	0-255	0-100	HUE 0 to 359 Degrees	
9	0-255	0-100	SAT 0 to Full Saturation	
10	0-255	0-100	DIMMER 0% to 100%	PIXEL(4)
11	0-255	0-100	HUE 0 to 359 Degrees	
12	0-255	0-100	SAT 0 to Full Saturation	
13	0-255	0-100	DIMMER 0% to 100%	PIXEL(5)
14	0-255	0-100	HUE 0 to 359 Degrees	
15	0-255	0-100	SAT 0 to Full Saturation	
16	0-255	0-100	DIMMER 0% to 100%	PIXEL(6)
17	0-255	0-100	HUE 0 to 359 Degrees	
18	0-255	0-100	SAT 0 to Full Saturation	
19	0-255	0-100	DIMMER 0% to 100%	PIXEL(7)
20	0-255	0-100	HUE 0 to 359 Degrees	
21	0-255	0-100	SAT 0 to Full Saturation	

HSI 8bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
22	0-255	0-100	DIMMER 0% to 100%	PIXEL(8)
23	0-255	0-100	HUE 0 to 359 Degrees	
24	0-255	0-100	SAT 0 to Full Saturation	
25	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

HSI 16bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	HUE 0 to 359 Degrees	
5-6	0-65535	0-100	SAT 0 to Full Saturation	
7-8	0-65535	0-100	DIMMER 0% to 100%	PIXEL(2)
9-10	0-65535	0-100	HUE 0 to 359 Degrees	
11-12	0-65535	0-100	SAT 0 to Full Saturation	
13-14	0-65535	0-100	DIMMER 0% to 100%	PIXEL(3)
15-16	0-65535	0-100	HUE 0 to 359 Degrees	
17-18	0-65535	0-100	SAT 0 to Full Saturation	
19-20	0-65535	0-100	DIMMER 0% to 100%	PIXEL(4)
21-22	0-65535	0-100	HUE 0 to 359 Degrees	
23-24	0-65535	0-100	SAT 0 to Full Saturation	
25-26	0-65535	0-100	DIMMER 0% to 100%	PIXEL(5)
27-28	0-65535	0-100	HUE 0 to 359 Degrees	
29-30	0-65535	0-100	SAT 0 to Full Saturation	

HSI 16bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
31-32	0-65535	0-100	DIMMER 0% to 100%	PIXEL(6)
33-34	0-65535	0-100	HUE 0 to 359 Degrees	
35-36	0-65535	0-100	SAT 0 to Full Saturation	
37-38	0-65535	0-100	DIMMER 0% to 100%	PIXEL(7)
39-40	0-65535	0-100	HUE 0 to 359 Degrees	
41-42	0-65535	0-100	SAT 0 to Full Saturation	
43-44	0-65535	0-100	DIMMER 0% to 100%	PIXEL(8)
45-46	0-65535	0-100	HUE 0 to 359 Degrees	
47-48	0-65535	0-100	SAT 0 to Full Saturation	
49	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

RGBW 8bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	Red Intensity	
3	0-255	0-100	Green Intensity	
4	0-255	0-100	Blue Intensity	
5	0-255	0-100	White Intensity	
6	0-255	0-100	DIMMER 0% to 100%	PIXEL(2)
7	0-255	0-100	Red Intensity	
8	0-255	0-100	Green Intensity	
9	0-255	0-100	Blue Intensity	
10	0-255	0-100	White Intensity	

RGBW 8bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
11	0-255	0-100	DIMMER 0% to 100%	PIXEL(3)
12	0-255	0-100	Red Intensity	
13	0-255	0-100	Green Intensity	
14	0-255	0-100	Blue Intensity	
15	0-255	0-100	White Intensity	
16	0-255	0-100	DIMMER 0% to 100%	PIXEL(4)
17	0-255	0-100	Red Intensity	
18	0-255	0-100	Green Intensity	
19	0-255	0-100	Blue Intensity	
20	0-255	0-100	White Intensity	
21	0-255	0-100	DIMMER 0% to 100%	PIXEL(5)
22	0-255	0-100	Red Intensity	
23	0-255	0-100	Green Intensity	
24	0-255	0-100	Blue Intensity	
25	0-255	0-100	White Intensity	
26	0-255	0-100	DIMMER 0% to 100%	PIXEL(6)
27	0-255	0-100	Red Intensity	
28	0-255	0-100	Green Intensity	
29	0-255	0-100	Blue Intensity	
30	0-255	0-100	White Intensity	
31	0-255	0-100	DIMMER 0% to 100%	PIXEL(7)
32	0-255	0-100	Red Intensity	
33	0-255	0-100	Green Intensity	
34	0-255	0-100	Blue Intensity	
35	0-255	0-100	White Intensity	

RGBW 8bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
36	0-255	0-100	DIMMER 0% to 100%	PIXEL(8)
37	0-255	0-100	Red Intensity	
38	0-255	0-100	Green Intensity	
39	0-255	0-100	Blue Intensity	
40	0-255	0-100	White Intensity	
41	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

RGBW 16bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	Red Intensity	
5-6	0-65535	0-100	Green Intensity	
7-8	0-65535	0-100	Blue Intensity	
9-10	0-65535	0-100	White Intensity	
11-12	0-65535	0-100	DIMMER 0% to 100%	PIXEL(2)
13-14	0-65535	0-100	Red Intensity	
15-16	0-65535	0-100	Green Intensity	
17-18	0-65535	0-100	Blue Intensity	
19-20	0-65535	0-100	White Intensity	
21-22	0-65535	0-100	DIMMER 0% to 100%	PIXEL(3)
23-24	0-65535	0-100	Red Intensity	
25-26	0-65535	0-100	Green Intensity	
27-28	0-65535	0-100	Blue Intensity	
29-30	0-65535	0-100	White Intensity	

RGBW 16bit PIXEL = 8

CHANNEL	VALUE	%	FUNCTION	PIXEL
31-32	0-65535	0-100	DIMMER 0% to 100%	PIXEL(4)
33-34	0-65535	0-100	Red Intensity	
35-36	0-65535	0-100	Green Intensity	
37-38	0-65535	0-100	Blue Intensity	
39-40	0-65535	0-100	White Intensity	
41-42	0-65535	0-100	DIMMER 0% to 100%	PIXEL(5)
43-44	0-65535	0-100	Red Intensity	
45-46	0-65535	0-100	Green Intensity	
47-48	0-65535	0-100	Blue Intensity	
49-50	0-65535	0-100	White Intensity	
51-52	0-65535	0-100	DIMMER 0% to 100%	PIXEL(6)
53-54	0-65535	0-100	Red Intensity	
55-56	0-65535	0-100	Green Intensity	
57-58	0-65535	0-100	Blue Intensity	
59-60	0-65535	0-100	White Intensity	
61-62	0-65535	0-100	DIMMER 0% to 100%	PIXEL(7)
63-64	0-65535	0-100	Red Intensity	
65-66	0-65535	0-100	Green Intensity	
67-68	0-65535	0-100	Blue Intensity	
69-70	0-65535	0-100	White Intensity	
71-72	0-65535	0-100	DIMMER 0% to 100%	PIXEL(8)
73-74	0-65535	0-100	Red Intensity	
75-76	0-65535	0-100	Green Intensity	
77-78	0-65535	0-100	Blue Intensity	
79-80	0-65535	0-100	White Intensity	
81	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT & RGBW 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	CCT(2700K-12000K)	
3	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
4	0-255	0-100	CROSSFADE CCT to RGBW	
5	0-255	0-100	Red Intensity	
6	0-255	0-100	Green Intensity	
7	0-255	0-100	Blue Intensity	
8	0-255	0-100	White Intensity	
9	0-255	0-100	DIMMER 0% to 100%	
10	0-255	0-100	CCT(2700K-12000K)	
11	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
12	0-255	0-100	CROSSFADE CCT to RGBW	
13	0-255	0-100	Red Intensity	
14	0-255	0-100	Green Intensity	
15	0-255	0-100	Blue Intensity	
16	0-255	0-100	White Intensity	

CCT & RGBW 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL	
17	0-255	0-100	DIMMER 0% to 100%	PIXEL(3)	
18	0-255	0-100	CCT(2700K-12000K)		
19	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
20	0-255	0-100	CROSSFADE CCT to RGBW		
21	0-255	0-100	Red Intensity		
22	0-255	0-100	Green Intensity		
23	0-255	0-100	Blue Intensity		
24	0-255	0-100	White Intensity		
25	0-255	0-100	DIMMER 0% to 100%		PIXEL(4)
26	0-255	0-100	CCT(2700K-12000K)		
27	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
28	0-255	0-100	CROSSFADE CCT to RGBW		
29	0-255	0-100	Red Intensity		
30	0-255	0-100	Green Intensity		
31	0-255	0-100	Blue Intensity		
32	0-255	0-100	White Intensity		

CCT & RGBW 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
33	0-255	0-100	DIMMER 0% to 100%	PIXEL(5)
34	0-255	0-100	CCT(2700K-12000K)	
35	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
36	0-255	0-100	CROSSFADE CCT to RGBW	
37	0-255	0-100	Red Intensity	
38	0-255	0-100	Green Intensity	
39	0-255	0-100	Blue Intensity	
40	0-255	0-100	White Intensity	
41	0-255	0-100	DIMMER 0% to 100%	
42	0-255	0-100	CCT(2700K-12000K)	
43	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	PIXEL(6)
44	0-255	0-100	CROSSFADE CCT to RGBW	
45	0-255	0-100	Red Intensity	
46	0-255	0-100	Green Intensity	
47	0-255	0-100	Blue Intensity	
48	0-255	0-100	White Intensity	

CCT & RGBW 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
49	0-255	0-100	DIMMER 0% to 100%	PIXEL(7)
50	0-255	0-100	CCT(2700K-12000K)	
51	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
52	0-255	0-100	CROSSFADE CCT to RGBW	
53	0-255	0-100	Red Intensity	
54	0-255	0-100	Green Intensity	
55	0-255	0-100	Blue Intensity	
56	0-255	0-100	White Intensity	
57	0-255	0-100	DIMMER 0% to 100%	
58	0-255	0-100	CCT(2700K-12000K)	
59	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	PIXEL(8)
60	0-255	0-100	CROSSFADE CCT to RGBW	
61	0-255	0-100	Red Intensity	
62	0-255	0-100	Green Intensity	
63	0-255	0-100	Blue Intensity	
64	0-255	0-100	White Intensity	

CCT & RGBW 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL	
65	0-255	0-100	DIMMER 0% to 100%	PIXEL(9)	
66	0-255	0-100	CCT(2700K-12000K)		
67	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
68	0-255	0-100	CROSSFADE CCT to RGBW		
69	0-255	0-100	Red Intensity		
70	0-255	0-100	Green Intensity		
71	0-255	0-100	Blue Intensity		
72	0-255	0-100	White Intensity		
73	0-255	0-100	DIMMER 0% to 100%		PIXEL(10)
74	0-255	0-100	CCT(2700K-12000K)		
75	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
76	0-255	0-100	CROSSFADE CCT to RGBW		
77	0-255	0-100	Red Intensity		
78	0-255	0-100	Green Intensity		
79	0-255	0-100	Blue Intensity		
80	0-255	0-100	White Intensity		

CCT & RGBW 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL	
81	0-255	0-100	DIMMER 0% to 100%	PIXEL(11)	
82	0-255	0-100	CCT(2700K-12000K)		
83	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
84	0-255	0-100	CROSSFADE CCT to RGBW		
85	0-255	0-100	Red Intensity		
86	0-255	0-100	Green Intensity		
87	0-255	0-100	Blue Intensity		
88	0-255	0-100	White Intensity		
89	0-255	0-100	DIMMER 0% to 100%		PIXEL(12)
90	0-255	0-100	CCT(2700K-12000K)		
91	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
92	0-255	0-100	CROSSFADE CCT to RGBW		
93	0-255	0-100	Red Intensity		
94	0-255	0-100	Green Intensity		
95	0-255	0-100	Blue Intensity		
96	0-255	0-100	White Intensity		

CCT & RGBW 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
97	0-255	0-100	DIMMER 0% to 100%	PIXEL(13)
98	0-255	0-100	CCT(2700K-12000K)	
99	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
100	0-255	0-100	CROSSFADE CCT to RGBW	
101	0-255	0-100	Red Intensity	
102	0-255	0-100	Green Intensity	
103	0-255	0-100	Blue Intensity	
104	0-255	0-100	White Intensity	
105	0-255	0-100	DIMMER 0% to 100%	
106	0-255	0-100	CCT(2700K-12000K)	
107	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	PIXEL(14)
108	0-255	0-100	CROSSFADE CCT to RGBW	
109	0-255	0-100	Red Intensity	
110	0-255	0-100	Green Intensity	
111	0-255	0-100	Blue Intensity	
112	0-255	0-100	White Intensity	

CCT & RGBW 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL	
113	0-255	0-100	DIMMER 0% to 100%	PIXEL(15)	
114	0-255	0-100	CCT(2700K-12000K)		
115	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
116	0-255	0-100	CROSSFADE CCT to RGBW		
117	0-255	0-100	Red Intensity		
118	0-255	0-100	Green Intensity		
119	0-255	0-100	Blue Intensity		
120	0-255	0-100	White Intensity		
121	0-255	0-100	DIMMER 0% to 100%		PIXEL(16)
122	0-255	0-100	CCT(2700K-12000K)		
123	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
124	0-255	0-100	CROSSFADE CCT to RGBW		
125	0-255	0-100	Red Intensity		
126	0-255	0-100	Green Intensity		
127	0-255	0-100	Blue Intensity		
128	0-255	0-100	White Intensity		
129	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)		

CCT & RGBW 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	CCT(2700K-12000K)	
5-6	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
7	0-255	0-100	CROSSFADE CCT to RGBW	
8-9	0-65535	0-100	Red Intensity	
10-11	0-65535	0-100	Green Intensity	
12-13	0-65535	0-100	Blue Intensity	
14-15	0-65535	0-100	White Intensity	
16-17	0-65535	0-100	DIMMER 0% to 100%	
18-19	0-65535	0-100	CCT(2700K-12000K)	
20-21	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
22	0-255	0-100	CROSSFADE CCT to RGBW	
23-24	0-65535	0-100	Red Intensity	
25-26	0-65535	0-100	Green Intensity	
27-28	0-65535	0-100	Blue Intensity	
29-30	0-65535	0-100	White Intensity	

CCT & RGBW 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
31-32	0-65535	0-100	DIMMER 0% to 100%	PIXEL(3)
33-34	0-65535	0-100	CCT(2700K-12000K)	
35-36	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
37	0-255	0-100	CROSSFADE CCT to RGBW	
38-39	0-65535	0-100	Red Intensity	
40-41	0-65535	0-100	Green Intensity	
42-43	0-65535	0-100	Blue Intensity	
44-45	0-65535	0-100	White Intensity	
46-47	0-65535	0-100	DIMMER 0% to 100%	
48-49	0-65535	0-100	CCT(2700K-12000K)	
50-51	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	PIXEL(4)
52	0-255	0-100	CROSSFADE CCT to RGBW	
53-54	0-65535	0-100	Red Intensity	
55-56	0-65535	0-100	Green Intensity	
57-58	0-65535	0-100	Blue Intensity	
59-60	0-65535	0-100	White Intensity	

CCT & RGBW 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
61-62	0-65535	0-100	DIMMER 0% to 100%	PIXEL(5)
63-64	0-65535	0-100	CCT(2700K-12000K)	
65-66	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
67	0-255	0-100	CROSSFADE CCT to RGBW	
68-69	0-65535	0-100	Red Intensity	
70-71	0-65535	0-100	Green Intensity	
72-73	0-65535	0-100	Blue Intensity	
74-75	0-65535	0-100	White Intensity	
76-77	0-65535	0-100	DIMMER 0% to 100%	
78-79	0-65535	0-100	CCT(2700K-12000K)	
80-81	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	PIXEL(6)
82	0-255	0-100	CROSSFADE CCT to RGBW	
83-84	0-65535	0-100	Red Intensity	
85-86	0-65535	0-100	Green Intensity	
87-88	0-65535	0-100	Blue Intensity	
89-90	0-65535	0-100	White Intensity	

CCT & RGBW 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
91-92	0-65535	0-100	DIMMER 0% to 100%	PIXEL(7)
93-94	0-65535	0-100	CCT(2700K-12000K)	
95-96	0-5000	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	5001-10000	5-8		
	10001-29999	9-47		
	30000-40000	48-57		
	40001-59999	58-96		
60000-65535	97-100			
97	0-255	0-100	CROSSFADE CCT to RGBW	
98-99	0-65535	0-100	Red Intensity	
100-101	0-65535	0-100	Green Intensity	
102-103	0-65535	0-100	Blue Intensity	
104-105	0-65535	0-100	White Intensity	
106-107	0-65535	0-100	DIMMER 0% to 100%	PIXEL(8)
108-109	0-65535	0-100	CCT(2700K-12000K)	
110-111	0-5000	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	5001-10000	5-8		
	10001-29999	9-47		
	30000-40000	48-57		
	40001-59999	58-96		
60000-65535	97-100			
112	0-255	0-100	CROSSFADE CCT to RGBW	
113-114	0-65535	0-100	Red Intensity	
115-116	0-65535	0-100	Green Intensity	
117-118	0-65535	0-100	Blue Intensity	
119-120	0-65535	0-100	White Intensity	

CCT & RGBW 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
121-122	0-65535	0-100	DIMMER 0% to 100%	PIXEL(9)
123-124	0-65535	0-100	CCT(2700K-12000K)	
125-126	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
127	0-255	0-100	CROSSFADE CCT to RGBW	
128-129	0-65535	0-100	Red Intensity	
130-131	0-65535	0-100	Green Intensity	
132-133	0-65535	0-100	Blue Intensity	
134-135	0-65535	0-100	White Intensity	
136-137	0-65535	0-100	DIMMER 0% to 100%	
138-139	0-65535	0-100	CCT(2700K-12000K)	
140-141	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	PIXEL(10)
142	0-255	0-100	CROSSFADE CCT to RGBW	
143-144	0-65535	0-100	Red Intensity	
145-146	0-65535	0-100	Green Intensity	
147-148	0-65535	0-100	Blue Intensity	
149-150	0-65535	0-100	White Intensity	

CCT & RGBW 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
151-152	0-65535	0-100	DIMMER 0% to 100%	PIXEL(11)
153-154	0-65535	0-100	CCT(2700K-12000K)	
155-156	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
157	0-255	0-100	CROSSFADE CCT to RGBW	
158-159	0-65535	0-100	Red Intensity	
160-161	0-65535	0-100	Green Intensity	
162-163	0-65535	0-100	Blue Intensity	
164-165	0-65535	0-100	White Intensity	
166-167	0-65535	0-100	DIMMER 0% to 100%	
168-169	0-65535	0-100	CCT(2700K-12000K)	
170-171	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
172	0-255	0-100	CROSSFADE CCT to RGBW	
173-174	0-65535	0-100	Red Intensity	
175-176	0-65535	0-100	Green Intensity	
177-178	0-65535	0-100	Blue Intensity	
179-180	0-65535	0-100	White Intensity	

CCT & RGBW 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
181-182	0-65535	0-100	DIMMER 0% to 100%	PIXEL(13)
183-184	0-65535	0-100	CCT(2700K-12000K)	
185-186	0-5000	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	5001-10000	5-8		
	10001-29999	9-47		
	30000-40000	48-57		
	40001-59999	58-96		
60000-65535	97-100			
187	0-255	0-100	CROSSFADE CCT to RGBW	
188-189	0-65535	0-100	Red Intensity	
190-191	0-65535	0-100	Green Intensity	
192-193	0-65535	0-100	Blue Intensity	
194-195	0-65535	0-100	White Intensity	
196-197	0-65535	0-100	DIMMER 0% to 100%	PIXEL(14)
198-199	0-65535	0-100	CCT(2700K-12000K)	
200-201	0-5000	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	5001-10000	5-8		
	10001-29999	9-47		
	30000-40000	48-57		
	40001-59999	58-96		
60000-65535	97-100			
202	0-255	0-100	CROSSFADE CCT to RGBW	
203-204	0-65535	0-100	Red Intensity	
205-206	0-65535	0-100	Green Intensity	
207-208	0-65535	0-100	Blue Intensity	
209-210	0-65535	0-100	White Intensity	

CCT & RGBW 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
211-212	0-65535	0-100	DIMMER 0% to 100%	PIXEL(15)
213-214	0-65535	0-100	CCT(2700K-12000K)	
215-216	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
217	0-255	0-100	CROSSFADE CCT to RGBW	
218-219	0-65535	0-100	Red Intensity	
220-221	0-65535	0-100	Green Intensity	
222-223	0-65535	0-100	Blue Intensity	
224-225	0-65535	0-100	White Intensity	
226-227	0-65535	0-100	DIMMER 0% to 100%	
228-229	0-65535	0-100	CCT(2700K-12000K)	
230-231	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	PIXEL(16)
232	0-255	0-100	CROSSFADE CCT to RGBW	
233-234	0-65535	0-100	Red Intensity	
235-236	0-65535	0-100	Green Intensity	
237-238	0-65535	0-100	Blue Intensity	
239-240	0-65535	0-100	White Intensity	
241	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT & HSI 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	CCT(2700K-12000K)	
3	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
4	0-255	0-100	CROSSFADE CCT to HSI	
5	0-255	0-100	HUE 0 to 359 Degrees	
6	0-255	0-100	SAT 0 to Full Saturation	
7	0-255	0-100	DIMMER 0% to 100%	PIXEL(2)
8	0-255	0-100	CCT(2700K-12000K)	
9	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
10	0-255	0-100	CROSSFADE CCT to HSI	
11	0-255	0-100	HUE 0 to 359 Degrees	
12	0-255	0-100	SAT 0 to Full Saturation	
13	0-255	0-100	DIMMER 0% to 100%	PIXEL(3)
14	0-255	0-100	CCT(2700K-12000K)	
15	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
16	0-255	0-100	CROSSFADE CCT to HSI	
17	0-255	0-100	HUE 0 to 359 Degrees	
18	0-255	0-100	SAT 0 to Full Saturation	

CCT & HSI 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
19	0-255	0-100	DIMMER 0% to 100%	PIXEL(4)
20	0-255	0-100	CCT(2700K-12000K)	
21	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
22	0-255	0-100	CROSSFADE CCT to HSI	
23	0-255	0-100	HUE 0 to 359 Degrees	
24	0-255	0-100	SAT 0 to Full Saturation	
25	0-255	0-100	DIMMER 0% to 100%	
26	0-255	0-100	CCT(2700K-12000K)	
27	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
28	0-255	0-100	CROSSFADE CCT to HSI	
29	0-255	0-100	HUE 0 to 359 Degrees	
30	0-255	0-100	SAT 0 to Full Saturation	
31	0-255	0-100	DIMMER 0% to 100%	PIXEL(6)
32	0-255	0-100	CCT(2700K-12000K)	
33	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
34	0-255	0-100	CROSSFADE CCT to HSI	
35	0-255	0-100	HUE 0 to 359 Degrees	
36	0-255	0-100	SAT 0 to Full Saturation	

CCT & HSI 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
37	0-255	0-100	DIMMER 0% to 100%	PIXEL(7)
38	0-255	0-100	CCT(2700K-12000K)	
39	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
40	0-255	0-100	CROSSFADE CCT to HSI	
41	0-255	0-100	HUE 0 to 359 Degrees	
42	0-255	0-100	SAT 0 to Full Saturation	
43	0-255	0-100	DIMMER 0% to 100%	
44	0-255	0-100	CCT(2700K-12000K)	
45	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
46	0-255	0-100	CROSSFADE CCT to HSI	
47	0-255	0-100	HUE 0 to 359 Degrees	
48	0-255	0-100	SAT 0 to Full Saturation	
49	0-255	0-100	DIMMER 0% to 100%	PIXEL(9)
50	0-255	0-100	CCT(2700K-12000K)	
51	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
52	0-255	0-100	CROSSFADE CCT to HSI	
53	0-255	0-100	HUE 0 to 359 Degrees	
54	0-255	0-100	SAT 0 to Full Saturation	

CCT & HSI 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
55	0-255	0-100	DIMMER 0% to 100%	PIXEL(10)
56	0-255	0-100	CCT(2700K-12000K)	
57	0-10	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	11-20	5-8		
	21-119	9-47		
	120-145	48-57		
57	146-244	58-96		
	245-255	97-100		
58	0-255	0-100	CROSSFADE CCT to HSI	
59	0-255	0-100	HUE 0 to 359 Degrees	
60	0-255	0-100	SAT 0 to Full Saturation	
61	0-255	0-100	DIMMER 0% to 100%	PIXEL(11)
62	0-255	0-100	CCT(2700K-12000K)	
63	0-10	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	11-20	5-8		
	21-119	9-47		
	120-145	48-57		
63	146-244	58-96		
	245-255	97-100		
64	0-255	0-100	CROSSFADE CCT to HSI	
65	0-255	0-100	HUE 0 to 359 Degrees	
66	0-255	0-100	SAT 0 to Full Saturation	
67	0-255	0-100	DIMMER 0% to 100%	PIXEL(12)
68	0-255	0-100	CCT(2700K-12000K)	
69	0-10	0-4	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
	11-20	5-8		
	21-119	9-47		
	120-145	48-57		
69	146-244	58-96		
	245-255	97-100		
70	0-255	0-100	CROSSFADE CCT to HSI	
71	0-255	0-100	HUE 0 to 359 Degrees	
72	0-255	0-100	SAT 0 to Full Saturation	

CCT & HSI 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
73	0-255	0-100	DIMMER 0% to 100%	PIXEL(13)
74	0-255	0-100	CCT(2700K-12000K)	
75	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
76	0-255	0-100	CROSSFADE CCT to HSI	
77	0-255	0-100	HUE 0 to 359 Degrees	
78	0-255	0-100	SAT 0 to Full Saturation	
79	0-255	0-100	DIMMER 0% to 100%	
80	0-255	0-100	CCT(2700K-12000K)	
81	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
82	0-255	0-100	CROSSFADE CCT to HSI	
83	0-255	0-100	HUE 0 to 359 Degrees	
84	0-255	0-100	SAT 0 to Full Saturation	
85	0-255	0-100	DIMMER 0% to 100%	PIXEL(15)
86	0-255	0-100	CCT(2700K-12000K)	
87	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
88	0-255	0-100	CROSSFADE CCT to HSI	
89	0-255	0-100	HUE 0 to 359 Degrees	
90	0-255	0-100	SAT 0 to Full Saturation	

CCT & HSI 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
91	0-255	0-100	DIMMER 0% to 100%	PIXEL(16)
92	0-255	0-100	CCT(2700K-12000K)	
93	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
94	0-255	0-100	CROSSFADE CCT to HSI	
95	0-255	0-100	HUE 0 to 359 Degrees	
96	0-255	0-100	SAT 0 to Full Saturation	
97	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT & HSI 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL	
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)	
3-4	0-65535	0-100	CCT(2700K-12000K)		
5-6	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
7	0-255	0-100	CROSSFADE CCT to HSI		
8-9	0-65535	0-100	HUE 0 to 359 Degrees		
10-11	0-65535	0-100	SAT 0 to Full Saturation		
12-13	0-65535	0-100	DIMMER 0% to 100%		PIXEL(2)
14-15	0-65535	0-100	CCT(2700K-12000K)		
16-17	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
18	0-255	0-100	CROSSFADE CCT to HSI		
19-20	0-65535	0-100	HUE 0 to 359 Degrees		
21-22	0-65535	0-100	SAT 0 to Full Saturation		
23-24	0-65535	0-100	DIMMER 0% to 100%	PIXEL(3)	
25-26	0-65535	0-100	CCT(2700K-12000K)		
27-28	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green		
29	0-255	0-100	CROSSFADE CCT to HSI		
30-31	0-65535	0-100	HUE 0 to 359 Degrees		
32-33	0-65535	0-100	SAT 0 to Full Saturation		

CCT & HSI 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
34-35	0-65535	0-100	DIMMER 0% to 100%	PIXEL(4)
36-37	0-65535	0-100	CCT(2700K-12000K)	
38-39	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
40	0-255	0-100	CROSSFADE CCT to HSI	
41-42	0-65535	0-100	HUE 0 to 359 Degrees	
43-44	0-65535	0-100	SAT 0 to Full Saturation	
45-46	0-65535	0-100	DIMMER 0% to 100%	
47-48	0-65535	0-100	CCT(2700K-12000K)	
49-50	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
51	0-255	0-100	CROSSFADE CCT to HSI	
52-53	0-65535	0-100	HUE 0 to 359 Degrees	
54-55	0-65535	0-100	SAT 0 to Full Saturation	
56-57	0-65535	0-100	DIMMER 0% to 100%	PIXEL(6)
58-59	0-65535	0-100	CCT(2700K-12000K)	
60-61	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
62	0-255	0-100	CROSSFADE CCT to HSI	
63-64	0-65535	0-100	HUE 0 to 359 Degrees	
65-66	0-65535	0-100	SAT 0 to Full Saturation	

CCT & HSI 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
67-68	0-65535	0-100	DIMMER 0% to 100%	PIXEL(7)
69-70	0-65535	0-100	CCT(2700K-12000K)	
71-72	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
73	0-255	0-100	CROSSFADE CCT to HSI	
74-75	0-65535	0-100	HUE 0 to 359 Degrees	
76-77	0-65535	0-100	SAT 0 to Full Saturation	
78-79	0-65535	0-100	DIMMER 0% to 100%	
80-81	0-65535	0-100	CCT(2700K-12000K)	
82-83	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
84	0-255	0-100	CROSSFADE CCT to HSI	
85-86	0-65535	0-100	HUE 0 to 359 Degrees	
87-88	0-65535	0-100	SAT 0 to Full Saturation	
89-90	0-65535	0-100	DIMMER 0% to 100%	PIXEL(9)
91-92	0-65535	0-100	CCT(2700K-12000K)	
93-94	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
95	0-255	0-100	CROSSFADE CCT to HSI	
96-97	0-65535	0-100	HUE 0 to 359 Degrees	
98-99	0-65535	0-100	SAT 0 to Full Saturation	

CCT & HSI 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
100-101	0-65535	0-100	DIMMER 0% to 100%	PIXEL(10)
102-103	0-65535	0-100	CCT(2700K-12000K)	
104-105	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
106	0-255	0-100	CROSSFADE CCT to HSI	
107-108	0-65535	0-100	HUE 0 to 359 Degrees	
109-110	0-65535	0-100	SAT 0 to Full Saturation	
111-112	0-65535	0-100	DIMMER 0% to 100%	
113-114	0-65535	0-100	CCT(2700K-12000K)	
115-116	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
117	0-255	0-100	CROSSFADE CCT to HSI	
118-119	0-65535	0-100	HUE 0 to 359 Degrees	
120-121	0-65535	0-100	SAT 0 to Full Saturation	
122-123	0-65535	0-100	DIMMER 0% to 100%	PIXEL(12)
124-125	0-65535	0-100	CCT(2700K-12000K)	
126-127	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
128	0-255	0-100	CROSSFADE CCT to HSI	
129-130	0-65535	0-100	HUE 0 to 359 Degrees	
131-132	0-65535	0-100	SAT 0 to Full Saturation	

CCT & HSI 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
133-134	0-65535	0-100	DIMMER 0% to 100%	PIXEL(13)
135-136	0-65535	0-100	CCT(2700K-12000K)	
137-138	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
139	0-255	0-100	CROSSFADE CCT to HSI	
140-141	0-65535	0-100	HUE 0 to 359 Degrees	
142-143	0-65535	0-100	SAT 0 to Full Saturation	
144-145	0-65535	0-100	DIMMER 0% to 100%	
146-147	0-65535	0-100	CCT(2700K-12000K)	
148-149	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
150	0-255	0-100	CROSSFADE CCT to HSI	
151-152	0-65535	0-100	HUE 0 to 359 Degrees	
153-154	0-65535	0-100	SAT 0 to Full Saturation	
155-156	0-65535	0-100	DIMMER 0% to 100%	PIXEL(15)
157-158	0-65535	0-100	CCT(2700K-12000K)	
159-160	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
161	0-255	0-100	CROSSFADE CCT to HSI	
162-163	0-65535	0-100	HUE 0 to 359 Degrees	
164-165	0-65535	0-100	SAT 0 to Full Saturation	

CCT & HSI 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
166-167	0-65535	0-100	DIMMER 0% to 100%	PIXEL(16)
168-169	0-65535	0-100	CCT(2700K-12000K)	
170-171	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
172	0-255	0-100	CROSSFADE CCT to HSI	
173-174	0-65535	0-100	HUE 0 to 359 Degrees	
175-176	0-65535	0-100	SAT 0 to Full Saturation	
177	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	CCT(2700K-12000K)	
3	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
4	0-255	0-100	DIMMER 0% to 100%	PIXEL(2)
5	0-255	0-100	CCT(2700K-12000K)	
6	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
7	0-255	0-100	DIMMER 0% to 100%	PIXEL(3)
8	0-255	0-100	CCT(2700K-12000K)	
9	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
10	0-255	0-100	DIMMER 0% to 100%	PIXEL(4)
11	0-255	0-100	CCT(2700K-12000K)	
12	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
13	0-255	0-100	DIMMER 0% to 100%	PIXEL(5)
14	0-255	0-100	CCT(2700K-12000K)	
15	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	

CCT 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
16	0-255	0-100	DIMMER 0% to 100%	PIXEL(6)
17	0-255	0-100	CCT(2700K-12000K)	
18	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
19	0-255	0-100	DIMMER 0% to 100%	PIXEL(7)
20	0-255	0-100	CCT(2700K-12000K)	
21	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
22	0-255	0-100	DIMMER 0% to 100%	PIXEL(8)
23	0-255	0-100	CCT(2700K-12000K)	
24	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
25	0-255	0-100	DIMMER 0% to 100%	PIXEL(9)
26	0-255	0-100	CCT(2700K-12000K)	
27	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
28	0-255	0-100	DIMMER 0% to 100%	PIXEL(10)
29	0-255	0-100	CCT(2700K-12000K)	
30	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	

CCT 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
31	0-255	0-100	DIMMER 0% to 100%	PIXEL(11)
32	0-255	0-100	CCT(2700K-12000K)	
33	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
34	0-255	0-100	DIMMER 0% to 100%	PIXEL(12)
35	0-255	0-100	CCT(2700K-12000K)	
36	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
37	0-255	0-100	DIMMER 0% to 100%	PIXEL(13)
38	0-255	0-100	CCT(2700K-12000K)	
39	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
40	0-255	0-100	DIMMER 0% to 100%	PIXEL(14)
41	0-255	0-100	CCT(2700K-12000K)	
42	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
43	0-255	0-100	DIMMER 0% to 100%	PIXEL(15)
44	0-255	0-100	CCT(2700K-12000K)	
45	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	

CCT 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
46	0-255	0-100	DIMMER 0% to 100%	PIXEL(16)
47	0-255	0-100	CCT(2700K-12000K)	
48	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
49	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

CCT 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	CCT(2700K-12000K)	
5-6	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
7-8	0-65535	0-100	DIMMER 0% to 100%	PIXEL(2)
9-10	0-65535	0-100	CCT(2700K-12000K)	
11-12	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
13-14	0-65535	0-100	DIMMER 0% to 100%	PIXEL(3)
15-16	0-65535	0-100	CCT(2700K-12000K)	
17-18	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	

CCT 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
19-20	0-65535	0-100	DIMMER 0% to 100%	PIXEL(4)
21-22	0-65535	0-100	CCT(2700K-12000K)	
23-24	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
25-26	0-65535	0-100	DIMMER 0% to 100%	PIXEL(5)
27-28	0-65535	0-100	CCT(2700K-12000K)	
29-30	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
31-32	0-65535	0-100	DIMMER 0% to 100%	PIXEL(6)
33-34	0-65535	0-100	CCT(2700K-12000K)	
35-36	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
37-38	0-65535	0-100	DIMMER 0% to 100%	PIXEL(7)
39-40	0-65535	0-100	CCT(2700K-12000K)	
41-42	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
43-44	0-65535	0-100	DIMMER 0% to 100%	PIXEL(8)
45-46	0-65535	0-100	CCT(2700K-12000K)	
47-48	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	

CCT 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
49-50	0-65535	0-100	DIMMER 0% to 100%	PIXEL(9)
51-52	0-65535	0-100	CCT(2700K-12000K)	
53-54	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
55-56	0-65535	0-100	DIMMER 0% to 100%	PIXEL(10)
57-58	0-65535	0-100	CCT(2700K-12000K)	
59-60	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
61-62	0-65535	0-100	DIMMER 0% to 100%	PIXEL(11)
63-64	0-65535	0-100	CCT(2700K-12000K)	
65-66	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
67-68	0-65535	0-100	DIMMER 0% to 100%	PIXEL(12)
69-70	0-65535	0-100	CCT(2700K-12000K)	
71-72	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
73-74	0-65535	0-100	DIMMER 0% to 100%	PIXEL(13)
75-76	0-65535	0-100	CCT(2700K-12000K)	
77-78	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	

CCT 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
79-80	0-65535	0-100	DIMMER 0% to 100%	PIXEL(14)
81-82	0-65535	0-100	CCT(2700K-12000K)	
83-84	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
85-86	0-65535	0-100	DIMMER 0% to 100%	PIXEL(15)
87-88	0-65535	0-100	CCT(2700K-12000K)	
89-90	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
91-92	0-65535	0-100	DIMMER 0% to 100%	PIXEL(16)
93-94	0-65535	0-100	CCT(2700K-12000K)	
95-96	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
97	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

HSI 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	HUE 0 to 359 Degrees	
3	0-255	0-100	SAT 0 to Full Saturation	
4	0-255	0-100	DIMMER 0% to 100%	PIXEL(2)
5	0-255	0-100	HUE 0 to 359 Degrees	
6	0-255	0-100	SAT 0 to Full Saturation	
7	0-255	0-100	DIMMER 0% to 100%	PIXEL(3)
8	0-255	0-100	HUE 0 to 359 Degrees	
9	0-255	0-100	SAT 0 to Full Saturation	
10	0-255	0-100	DIMMER 0% to 100%	PIXEL(4)
11	0-255	0-100	HUE 0 to 359 Degrees	
12	0-255	0-100	SAT 0 to Full Saturation	
13	0-255	0-100	DIMMER 0% to 100%	PIXEL(5)
14	0-255	0-100	HUE 0 to 359 Degrees	
15	0-255	0-100	SAT 0 to Full Saturation	
16	0-255	0-100	DIMMER 0% to 100%	PIXEL(6)
17	0-255	0-100	HUE 0 to 359 Degrees	
18	0-255	0-100	SAT 0 to Full Saturation	
19	0-255	0-100	DIMMER 0% to 100%	PIXEL(7)
20	0-255	0-100	HUE 0 to 359 Degrees	
21	0-255	0-100	SAT 0 to Full Saturation	
22	0-255	0-100	DIMMER 0% to 100%	PIXEL(8)
23	0-255	0-100	HUE 0 to 359 Degrees	
24	0-255	0-100	SAT 0 to Full Saturation	

HSI 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
25	0-255	0-100	DIMMER 0% to 100%	PIXEL(9)
26	0-255	0-100	HUE 0 to 359 Degrees	
27	0-255	0-100	SAT 0 to Full Saturation	
28	0-255	0-100	DIMMER 0% to 100%	PIXEL(10)
29	0-255	0-100	HUE 0 to 359 Degrees	
30	0-255	0-100	SAT 0 to Full Saturation	
31	0-255	0-100	DIMMER 0% to 100%	PIXEL(11)
32	0-255	0-100	HUE 0 to 359 Degrees	
33	0-255	0-100	SAT 0 to Full Saturation	
34	0-255	0-100	DIMMER 0% to 100%	PIXEL(12)
35	0-255	0-100	HUE 0 to 359 Degrees	
36	0-255	0-100	SAT 0 to Full Saturation	
37	0-255	0-100	DIMMER 0% to 100%	PIXEL(13)
38	0-255	0-100	HUE 0 to 359 Degrees	
39	0-255	0-100	SAT 0 to Full Saturation	
40	0-255	0-100	DIMMER 0% to 100%	PIXEL(14)
41	0-255	0-100	HUE 0 to 359 Degrees	
42	0-255	0-100	SAT 0 to Full Saturation	
43	0-255	0-100	DIMMER 0% to 100%	PIXEL(15)
44	0-255	0-100	HUE 0 to 359 Degrees	
45	0-255	0-100	SAT 0 to Full Saturation	
46	0-255	0-100	DIMMER 0% to 100%	PIXEL(16)
47	0-255	0-100	HUE 0 to 359 Degrees	
48	0-255	0-100	SAT 0 to Full Saturation	

HSI 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
49	0 - 3	0 - 1.2	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	
	4	1.6		
	5	2.0		
	6	2.4		
	7-255	2.7 - 100		

HSI 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	HUE 0 to 359 Degrees	
5-6	0-65535	0-100	SAT 0 to Full Saturation	
7-8	0-65535	0-100	DIMMER 0% to 100%	PIXEL(2)
9-10	0-65535	0-100	HUE 0 to 359 Degrees	
11-12	0-65535	0-100	SAT 0 to Full Saturation	
13-14	0-65535	0-100	DIMMER 0% to 100%	PIXEL(3)
15-16	0-65535	0-100	HUE 0 to 359 Degrees	
17-18	0-65535	0-100	SAT 0 to Full Saturation	
19-20	0-65535	0-100	DIMMER 0% to 100%	PIXEL(4)
21-22	0-65535	0-100	HUE 0 to 359 Degrees	
23-24	0-65535	0-100	SAT 0 to Full Saturation	
25-26	0-65535	0-100	DIMMER 0% to 100%	PIXEL(5)
27-28	0-65535	0-100	HUE 0 to 359 Degrees	
29-30	0-65535	0-100	SAT 0 to Full Saturation	
31-32	0-65535	0-100	DIMMER 0% to 100%	PIXEL(6)
33-34	0-65535	0-100	HUE 0 to 359 Degrees	
35-36	0-65535	0-100	SAT 0 to Full Saturation	

HSI 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
37-38	0-65535	0-100	DIMMER 0% to 100%	PIXEL(7)
39-40	0-65535	0-100	HUE 0 to 359 Degrees	
41-42	0-65535	0-100	SAT 0 to Full Saturation	
43-44	0-65535	0-100	DIMMER 0% to 100%	PIXEL(8)
45-46	0-65535	0-100	HUE 0 to 359 Degrees	
47-48	0-65535	0-100	SAT 0 to Full Saturation	
49-50	0-65535	0-100	DIMMER 0% to 100%	PIXEL(9)
51-52	0-65535	0-100	HUE 0 to 359 Degrees	
53-54	0-65535	0-100	SAT 0 to Full Saturation	
55-56	0-65535	0-100	DIMMER 0% to 100%	PIXEL(10)
57-58	0-65535	0-100	HUE 0 to 359 Degrees	
59-60	0-65535	0-100	SAT 0 to Full Saturation	
61-62	0-65535	0-100	DIMMER 0% to 100%	PIXEL(11)
63-64	0-65535	0-100	HUE 0 to 359 Degrees	
65-66	0-65535	0-100	SAT 0 to Full Saturation	
67-68	0-65535	0-100	DIMMER 0% to 100%	PIXEL(12)
69-70	0-65535	0-100	HUE 0 to 359 Degrees	
71-72	0-65535	0-100	SAT 0 to Full Saturation	
73-74	0-65535	0-100	DIMMER 0% to 100%	PIXEL(13)
75-76	0-65535	0-100	HUE 0 to 359 Degrees	
77-78	0-65535	0-100	SAT 0 to Full Saturation	
79-80	0-65535	0-100	DIMMER 0% to 100%	PIXEL(14)
81-82	0-65535	0-100	HUE 0 to 359 Degrees	
83-84	0-65535	0-100	SAT 0 to Full Saturation	

HSI 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
85-86	0-65535	0-100	DIMMER 0% to 100%	PIXEL(15)
87-88	0-65535	0-100	HUE 0 to 359 Degrees	
89-90	0-65535	0-100	SAT 0 to Full Saturation	
91-92	0-65535	0-100	DIMMER 0% to 100%	PIXEL(16)
93-94	0-65535	0-100	HUE 0 to 359 Degrees	
95-96	0-65535	0-100	SAT 0 to Full Saturation	
97	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

RGBW 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	PIXEL(1)
2	0-255	0-100	Red Intensity	
3	0-255	0-100	Green Intensity	
4	0-255	0-100	Blue Intensity	
5	0-255	0-100	White Intensity	
6	0-255	0-100	DIMMER 0% to 100%	PIXEL(2)
7	0-255	0-100	Red Intensity	
8	0-255	0-100	Green Intensity	
9	0-255	0-100	Blue Intensity	
10	0-255	0-100	White Intensity	
11	0-255	0-100	DIMMER 0% to 100%	PIXEL(3)
12	0-255	0-100	Red Intensity	
13	0-255	0-100	Green Intensity	
14	0-255	0-100	Blue Intensity	
15	0-255	0-100	White Intensity	
16	0-255	0-100	DIMMER 0% to 100%	PIXEL(4)
17	0-255	0-100	Red Intensity	
18	0-255	0-100	Green Intensity	
19	0-255	0-100	Blue Intensity	
20	0-255	0-100	White Intensity	
21	0-255	0-100	DIMMER 0% to 100%	PIXEL(5)
22	0-255	0-100	Red Intensity	
23	0-255	0-100	Green Intensity	
24	0-255	0-100	Blue Intensity	
25	0-255	0-100	White Intensity	

RGBW 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
26	0-255	0-100	DIMMER 0% to 100%	PIXEL(6)
27	0-255	0-100	Red Intensity	
28	0-255	0-100	Green Intensity	
29	0-255	0-100	Blue Intensity	
30	0-255	0-100	White Intensity	
31	0-255	0-100	DIMMER 0% to 100%	PIXEL(7)
32	0-255	0-100	Red Intensity	
33	0-255	0-100	Green Intensity	
34	0-255	0-100	Blue Intensity	
35	0-255	0-100	White Intensity	
36	0-255	0-100	DIMMER 0% to 100%	PIXEL(8)
37	0-255	0-100	Red Intensity	
38	0-255	0-100	Green Intensity	
39	0-255	0-100	Blue Intensity	
40	0-255	0-100	White Intensity	
41	0-255	0-100	DIMMER 0% to 100%	PIXEL(9)
42	0-255	0-100	Red Intensity	
43	0-255	0-100	Green Intensity	
44	0-255	0-100	Blue Intensity	
45	0-255	0-100	White Intensity	
46	0-255	0-100	DIMMER 0% to 100%	PIXEL(10)
47	0-255	0-100	Red Intensity	
48	0-255	0-100	Green Intensity	
49	0-255	0-100	Blue Intensity	
50	0-255	0-100	White Intensity	

RGBW 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
51	0-255	0-100	DIMMER 0% to 100%	PIXEL(11)
52	0-255	0-100	Red Intensity	
53	0-255	0-100	Green Intensity	
54	0-255	0-100	Blue Intensity	
55	0-255	0-100	White Intensity	
56	0-255	0-100	DIMMER 0% to 100%	PIXEL(12)
57	0-255	0-100	Red Intensity	
58	0-255	0-100	Green Intensity	
59	0-255	0-100	Blue Intensity	
60	0-255	0-100	White Intensity	
61	0-255	0-100	DIMMER 0% to 100%	PIXEL(13)
62	0-255	0-100	Red Intensity	
63	0-255	0-100	Green Intensity	
64	0-255	0-100	Blue Intensity	
65	0-255	0-100	White Intensity	
66	0-255	0-100	DIMMER 0% to 100%	PIXEL(14)
67	0-255	0-100	Red Intensity	
68	0-255	0-100	Green Intensity	
69	0-255	0-100	Blue Intensity	
70	0-255	0-100	White Intensity	
71	0-255	0-100	DIMMER 0% to 100%	PIXEL(15)
72	0-255	0-100	Red Intensity	
73	0-255	0-100	Green Intensity	
74	0-255	0-100	Blue Intensity	
75	0-255	0-100	White Intensity	
76	0-255	0-100	DIMMER 0% to 100%	PIXEL(16)
77	0-255	0-100	Red Intensity	
78	0-255	0-100	Green Intensity	
79	0-255	0-100	Blue Intensity	
80	0-255	0-100	White Intensity	

HSI 8bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
81	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

RGBW 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
1-2	0-65535	0-100	DIMMER 0% to 100%	PIXEL(1)
3-4	0-65535	0-100	Red Intensity	
5-6	0-65535	0-100	Green Intensity	
7-8	0-65535	0-100	Blue Intensity	
9-10	0-65535	0-100	White Intensity	
11-12	0-65535	0-100	DIMMER 0% to 100%	PIXEL(2)
13-14	0-65535	0-100	Red Intensity	
15-16	0-65535	0-100	Green Intensity	
17-18	0-65535	0-100	Blue Intensity	
19-20	0-65535	0-100	White Intensity	
21-22	0-65535	0-100	DIMMER 0% to 100%	PIXEL(3)
23-24	0-65535	0-100	Red Intensity	
25-26	0-65535	0-100	Green Intensity	
27-28	0-65535	0-100	Blue Intensity	
29-30	0-65535	0-100	White Intensity	
31-32	0-65535	0-100	DIMMER 0% to 100%	PIXEL(4)
33-34	0-65535	0-100	Red Intensity	
35-36	0-65535	0-100	Green Intensity	
37-38	0-65535	0-100	Blue Intensity	
39-40	0-65535	0-100	White Intensity	
41-42	0-65535	0-100	DIMMER 0% to 100%	PIXEL(5)
43-44	0-65535	0-100	Red Intensity	
45-46	0-65535	0-100	Green Intensity	
47-48	0-65535	0-100	Blue Intensity	
49-50	0-65535	0-100	White Intensity	

RGBW 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
51-52	0-65535	0-100	DIMMER 0% to 100%	PIXEL(6)
53-54	0-65535	0-100	Red Intensity	
55-56	0-65535	0-100	Green Intensity	
57-58	0-65535	0-100	Blue Intensity	
59-60	0-65535	0-100	White Intensity	
61-62	0-65535	0-100	DIMMER 0% to 100%	PIXEL(7)
63-64	0-65535	0-100	Red Intensity	
65-66	0-65535	0-100	Green Intensity	
67-68	0-65535	0-100	Blue Intensity	
69-70	0-65535	0-100	White Intensity	
71-72	0-65535	0-100	DIMMER 0% to 100%	PIXEL(8)
73-74	0-65535	0-100	Red Intensity	
75-76	0-65535	0-100	Green Intensity	
77-78	0-65535	0-100	Blue Intensity	
79-80	0-65535	0-100	White Intensity	
81-82	0-65535	0-100	DIMMER 0% to 100%	PIXEL(9)
83-84	0-65535	0-100	Red Intensity	
85-86	0-65535	0-100	Green Intensity	
87-88	0-65535	0-100	Blue Intensity	
89-90	0-65535	0-100	White Intensity	
91-92	0-65535	0-100	DIMMER 0% to 100%	PIXEL(10)
93-94	0-65535	0-100	Red Intensity	
95-96	0-65535	0-100	Green Intensity	
97-98	0-65535	0-100	Blue Intensity	
99-100	0-65535	0-100	White Intensity	
101-102	0-65535	0-100	DIMMER 0% to 100%	PIXEL(11)
103-104	0-65535	0-100	Red Intensity	
105-106	0-65535	0-100	Green Intensity	
107-108	0-65535	0-100	Blue Intensity	
109-110	0-65535	0-100	White Intensity	

RGBW 16bit PIXEL = 16

CHANNEL	VALUE	%	FUNCTION	PIXEL
111-112	0-65535	0-100	DIMMER 0% to 100%	PIXEL(12)
113-114	0-65535	0-100	Red Intensity	
115-116	0-65535	0-100	Green Intensity	
117-118	0-65535	0-100	Blue Intensity	
119-120	0-65535	0-100	White Intensity	
121-122	0-65535	0-100	DIMMER 0% to 100%	PIXEL(13)
123-124	0-65535	0-100	Red Intensity	
125-126	0-65535	0-100	Green Intensity	
127-128	0-65535	0-100	Blue Intensity	
129-130	0-65535	0-100	White Intensity	
131-132	0-65535	0-100	DIMMER 0% to 100%	PIXEL(14)
133-134	0-65535	0-100	Red Intensity	
135-136	0-65535	0-100	Green Intensity	
137-138	0-65535	0-100	Blue Intensity	
139-140	0-65535	0-100	White Intensity	
141-142	0-65535	0-100	DIMMER 0% to 100%	PIXEL(15)
143-144	0-65535	0-100	Red Intensity	
145-146	0-65535	0-100	Green Intensity	
147-148	0-65535	0-100	Blue Intensity	
149-150	0-65535	0-100	White Intensity	
151-152	0-65535	0-100	DIMMER 0% to 100%	PIXEL(16)
153-154	0-65535	0-100	Red Intensity	
155-156	0-65535	0-100	Green Intensity	
157-158	0-65535	0-100	Blue Intensity	
159-160	0-65535	0-100	White Intensity	
161	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	

ULTIMATE DMX 8bit - CCT MODE

CHANNEL	VALUE	%	FUNCTION	PIXEL
1	0-255	0-100	DIMMER 0% to 100%	
2	0-38 39-77 78-115 116-154 155-191 192-255	0-15 16-30 31-45 46-60 61-75 76-100	MODE CCT HSI RGBW EFFECT PIXEL FX RESERVED	0 ≤ value ≤ 38
3	0-255	0-100	CCT(2700K-12000K)	
4	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
5	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz ---> 25Hz)	
6-43			N/A	

ULTIMATE DMX 8bit - HSI MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	DIMMER 0% to 100%	
2	0-38 39-77 78-115 116-154 155-191 192-255	0-15 16-30 31-45 46-60 61-75 76-100	MODE CCT HSI RGBW EFFECT PIXEL FX RESERVED	39 ≤ value ≤ 77
3	0-255	0-100	HUE 0 to 359 Degrees	
4	0-255	0-100	SAT 0 to Full Saturation	
5	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz ---> 25Hz)	
6-43			N/A	

ULTIMATE DMX 8bit - RGBW MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	DIMMER 0% to 100%	
2	0-38 39-77 78-115 116-154 155-191 192-255	0-15 16-30 31-45 46-60 61-75 76-100	MODE CCT HSI RGBW EFFECT PIXEL FX RESERVED	78 ≤ value ≤ 115
3	0-255	0-100	Red Intensity	
4	0-255	0-100	Green Intensity	
5	0-255	0-100	Blue Intensity	
6	0-255	0-100	White Intensity	
7	0 - 3 4 5 6 7-255	0 - 1.2 1.6 2.0 2.4 2.7 - 100	STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz)	
8-43			N/A	

ULTIMATE DMX 8bit - EFFECT MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	DIMMER 0% to 100%	
2	0-38 39-77 78-115 116-154 155-191 192-255	0-15 16-30 31-45 46-60 61-75 76-100	MODE CCT HSI RGBW EFFECT PIXEL FX RESERVED	116 ≤ value ≤ 154
3	0-12 13-25 26-38 39-51 52-63 64-76 77-89 90-102 103-114 115-127 128-140 141-153 154-165 166-178 179-191 192-255	0-5 6-10 11-15 16-20 21-25 26-30 31-35 36-40 41-45 46-50 51-55 56-60 61-65 66-70 71-75 76-100	EFFECT MODE HUE LOOP CCT LOOP INT LOOP FLASH PULSE STORM POLICE CAR TV PAPARAZZI CANDLE/FIRE DISCO BAD BULB FIREWORK EXPLOSION WELDING RESERVED	
4	0-255	0-100	DMX EFFECTS PARAMETER #1	See DMX Effects chart
5	0-255	0-100	DMX EFFECTS PARAMETER #2	See DMX Effects chart
6	0-255	0-100	DMX EFFECTS PARAMETER #3	See DMX Effects chart
7	0-255	0-100	DMX EFFECTS PARAMETER #4	See DMX Effects chart
8	0-255	0-100	DMX EFFECTS PARAMETER #5	See DMX Effects chart
9	0-255	0-100	DMX EFFECTS PARAMETER #6	See DMX Effects chart
10	0-255	0-100	DMX EFFECTS PARAMETER #7	See DMX Effects chart
11	0-255	0-100	DMX EFFECTS PARAMETER #8	See DMX Effects chart
12	0-255	0-100	DMX EFFECTS PARAMETER #9	See DMX Effects chart
13	0-255	0-100	DMX EFFECTS PARAMETER #10	See DMX Effects chart
14	0-255	0-100	DMX EFFECTS PARAMETER #11	See DMX Effects chart
15-43			N/A	

DMX EFFECT CHART

EFFECT	HUE LOOP 0 ≤ VALUE ≤ 12			
CH4/PARAMETER #1	HUE1			
CH5/PARAMETER #2	HUE2			
CH6/PARAMETER #3	SAT			
CH7/PARAMETER #4	SPEED			
CH8/PARAMETER #5	CYCLE: ONE WAY = 0-85(0%-33%) CYCLE: TWO WAY = 86-170(34%-66%) CYCLE: REVERSE = 171-255(67%-100%)			
CH9/PARAMETER #6	ADD-ON: OFF = 0-63(0%-25%)	ADD-ON: FLASH = 64-127(26%-50%)	ADD-ON: RANDOM FLASH = 128-191(51%-75%)	ADD-ON: PULSE = 192-255(76%-100%)
CH10/PARAMETER #7	N/A	INTERVALS	SPEED	PULSES/MIN
CH11/PARAMETER #8	N/A	FLASH RATIO	N/A	N/A
CH12/PARAMETER #9	N/A			
CH13/PARAMETER #10	N/A			
CH14/PARAMETER #11	N/A			

DMX EFFECT CHART

EFFECT	CCT LOOP 13 ≤ VALUE ≤ 25			
CH4/PARAMETER #1	CCT1			
CH5/PARAMETER #2	CCT2			
CH6/PARAMETER #3	G/M			
CH7/PARAMETER #4	SPEED			
CH8/PARAMETER #5	CYCLE: ONE WAY = 0-85(0%-33%) CYCLE: TWO WAY = 86-170(34%-66%) CYCLE: REVERSE = 171-255(67%-100%)			
CH9/PARAMETER #6	ADD-ON: OFF = 0-63(0%-25%)	ADD-ON: FLASH = 64-127(26%-50%)	ADD-ON: RANDOM FLASH = 128-191(51%-75%)	ADD-ON: PULSE = 192-255(76%-100%)
CH10/PARAMETER #7	N/A	INTERVALS	SPEED	PULSES/MIN
CH11/PARAMETER #8	N/A	FLASH RATIO	N/A	N/A
CH12/PARAMETER #9	N/A			
CH13/PARAMETER #10	N/A			
CH14/PARAMETER #11	N/A			

DMX EFFECT CHART

EFFECT	INT LOOP 26 ≤ VALUE ≤ 38			
CH4/PARAMETER #1	DIM LOW			
CH5/PARAMETER #2	COLOR: CCT MODE = 0-127(0%-50%)		COLOR: HSI MODE = 128-255(51%-100%)	
CH6/PARAMETER #3	CCT		HUE	
CH7/PARAMETER #4	G/M		SAT	
CH8/PARAMETER #5	SPEED			
CH9/PARAMETER #6	CYCLE: ONE WAY = 0-85(0%-33%) CYCLE: TWO WAY = 86-170(34%-66%) CYCLE: REVERSE = 171-255(67%-100%)			
CH10/PARAMETER #7	ADD-ON: OFF = 0-63(0%-25%)	ADD-ON: FLASH = 64-127(26%-50%)	ADD-ON: RANDOM FLASH = 128-191(51%-75%)	ADD-ON: PULSE = 192-255(76%-100%)
CH11/PARAMETER #8	N/A	INTERVALS	SPEED	PULSES/MIN
CH12/PARAMETER #9	N/A	FLASH RATIO	N/A	N/A
CH13/PARAMETER #10	N/A			
CH14/PARAMETER #11	N/A			

DMX EFFECT CHART

EFFECT	FLASH 39 ≤ VALUE ≤ 51			
CH4/PARAMETER #1	COLOR: CCT MODE = 0-127(0%-50%)		COLOR: HSI MODE = 128-255(51%-100%)	
CH5/PARAMETER #2	CCT		HUE	
CH6/PARAMETER #3	G/M		SAT	
CH7/PARAMETER #4	INTERVALS			
CH8/PARAMETER #5	FLASH RATIO			
CH9/PARAMETER #6	PAUSE: OFF = 0-127(0%-50%) PAUSE: ON = 128-255(51%-100%)			
CH10/PARAMETER #7	N/A			
CH11/PARAMETER #8	N/A			
CH12/PARAMETER #9	N/A			
CH13/PARAMETER #10	N/A			
CH14/PARAMETER #11	N/A			

DMX EFFECT CHART

EFFECT	PULSE 52 ≤ VALUE ≤ 63	
CH4/PARAMETER #1	COLOR: CCT MODE = 0-127(0%-50%)	COLOR: HSI MODE = 128-255(51%-100%)
CH5/PARAMETER #2	CCT	HUE
CH6/PARAMETER #3	G/M	SAT
CH7/PARAMETER #4	PULSES/MIN	
CH8/PARAMETER #5	N/A	
CH9/PARAMETER #6	N/A	
CH10/PARAMETER #7	N/A	
CH11/PARAMETER #8	N/A	
CH12/PARAMETER #9	N/A	
CH13/PARAMETER #10	N/A	
CH14/PARAMETER #11	N/A	

DMX EFFECT CHART

EFFECT	STORM 64 ≤ VALUE ≤ 76	
CH4/PARAMETER #1	CCT	
CH5/PARAMETER #2	FLASH TIMES HIGH	
CH6/PARAMETER #3	FLASH TIMES LOW	
CH7/PARAMETER #4	TRIGGER: AUTO = 0-127(0%-50%)	TRIGGER: MANUAL = 128-255(51%-100%)
CH8/PARAMETER #5	INTERVAL HIGH	Trigger: OFF = 0-127(0%-51%) Trigger: ON = 128-255(51%-100%)
CH9/PARAMETER #6	INTERVAL LOW	N/A
CH10/PARAMETER #7	PAUSE: OFF = 0-127(0%-50%) PAUSE: ON = 128-255(51%-100%)	N/A
CH11/PARAMETER #8	N/A	
CH12/PARAMETER #9	N/A	
CH13/PARAMETER #10	N/A	
CH14/PARAMETER #11	N/A	

DMX EFFECT CHART

EFFECT	POLICE CAR 77 ≤ VALUE ≤ 89
CH4/PARAMETER #1	COLOR: B = 0-63(0%-25%) COLOR: RB = 64-127(26%-50%) COLOR: BW = 128-191(51%-75%) COLOR: RBW = 192-255(76-100%)
CH5/PARAMETER #2	MODE: SINGLE = 0-63(0%-25%) MODE: DOUBLE = 64-127(26%-50%) MODE: TRIPLE = 128-191(51%-75%) MODE: QUAD = 192-255(76-100%)
CH6/PARAMETER #3	SPEED
CH7/PARAMETER #4	N/A
CH8/PARAMETER #5	N/A
CH9/PARAMETER #6	N/A
CH10/PARAMETER #7	N/A
CH11/PARAMETER #8	N/A
CH12/PARAMETER #9	N/A
CH13/PARAMETER #10	N/A
CH14/PARAMETER #11	N/A

DMX EFFECT CHART

EFFECT	TV 90 ≤ VALUE ≤ 102
CH4/PARAMETER #1	DIM LOW
CH5/PARAMETER #2	COLOR: CCT MODE = 0-127(0%-50%) COLOR: HSI MODE = 128-255(51%-100%)
CH6/PARAMETER #3	CCT HUE
CH7/PARAMETER #4	G/M SAT
CH8/PARAMETER #5	CCT SHIFT HUE SHIFT
CH9/PARAMETER #6	SPEED
CH10/PARAMETER #7	N/A
CH11/PARAMETER #8	N/A
CH12/PARAMETER #9	N/A
CH13/PARAMETER #10	N/A
CH14/PARAMETER #11	N/A

DMX EFFECT CHART

EFFECT	PAPARAZZI 103 ≤ VALUE ≤ 114
CH4/PARAMETER #1	CCT
CH5/PARAMETER #2	G/M
CH6/PARAMETER #3	SPEED
CH7/PARAMETER #4	N/A
CH8/PARAMETER #5	N/A
CH9/PARAMETER #6	N/A
CH10/PARAMETER #7	N/A
CH11/PARAMETER #8	N/A
CH12/PARAMETER #9	N/A
CH13/PARAMETER #10	N/A
CH14/PARAMETER #11	N/A

DMX EFFECT CHART

EFFECT	CANDLE/FIRE 115 ≤ VALUE ≤ 127	
CH4/PARAMETER #1	DIM LOW	
CH5/PARAMETER #2	COLOR: CCT MODE = 0-127(0%-50%)	COLOR: HSI MODE = 128-255(51%-100%)
CH6/PARAMETER #3	CCT	HUE
CH7/PARAMETER #4	G/M	SAT
CH8/PARAMETER #5	CCT SHIFT	HUE SHIFT
CH9/PARAMETER #6	SPEED	
CH10/PARAMETER #7	FLICKER: OFF = 0-127(0%-50%) FLICKER: ON = 128-255(51%-100%)	
CH11/PARAMETER #8	N/A	
CH12/PARAMETER #9	N/A	
CH13/PARAMETER #10	N/A	
CH14/PARAMETER #11	N/A	

DMX EFFECT CHART

EFFECT	DISCO 128 ≤ VALUE ≤ 140	
CH4/PARAMETER #1	COLOR:DEFAULT = 0-127(0%-50%)	COLOR:MANUAL = 128-255(51%-100%)
CH5/PARAMETER #2	AMOUNT:3 = 0-31(0%-12%) AMOUNT:6 = 32-63(13%-25%) AMOUNT:9 = 64-95(26%-37%) AMOUNT:12 = 96-127(38%-50%) AMOUNT:15 = 128-159(51%-62%) AMOUNT:18 = 160-191(63%-75%) AMOUNT:21 = 192-223(76%-87%) AMOUNT:24 = 224-255(88%-100%)	AMOUNT:1 = 0-42(0%-16%) AMOUNT:2 = 43-85(17%-33%) AMOUNT:3 = 86-127(34%-50%) AMOUNT:4 = 128-170(51%-66%) AMOUNT:5 = 171-212(67%-83%) AMOUNT:6 = 213-255(84%-100%)
CH6/PARAMETER #3	SPEED	
CH7/PARAMETER #4	SAT	
CH12/PARAMETER #5	N/A	C1 HUE
CH9/PARAMETER #6	N/A	C2 HUE
CH10/PARAMETER #7	N/A	C3 HUE
CH11/PARAMETER #8	N/A	C4 HUE
CH12/PARAMETER #9	N/A	C5 HUE
CH13/PARAMETER #10	N/A	C6 HUE
CH14/PARAMETER #11	N/A	N/A

DMX EFFECT CHART

EFFECT	BAD BULB 141 ≤ VALUE ≤ 153	
CH4/PARAMETER #1	COLOR:CCT MODE = 0-127(0%-50%)	COLOR:HSI MODE = 128-255(51%-100%)
CH5/PARAMETER #2	CCT	HUE
CH6/PARAMETER #3	G/M	SAT
CH7/PARAMETER #4	INTENSITY	
CH8/PARAMETER #5	SPEED	
CH9/PARAMETER #6	N/A	
CH10/PARAMETER #7	N/A	
CH11/PARAMETER #8	N/A	
CH12/PARAMETER #9	N/A	
CH13/PARAMETER #10	N/A	
CH14/PARAMETER #11	N/A	

DMX EFFECT CHART

EFFECT	FIREWORK 154 ≤ VALUE ≤ 165		
CH4/PARAMETER #1	COLOR: DEFAULT = 0-85(0%-33%)	COLOR: MANUAL = 86-170(34%-66%)	COLOR: CCT MODE = 171-255(67%-100%)
CH5/PARAMETER #2	AMOUNT: 3 = 0-31(0%-12%) AMOUNT: 6 = 32-63(13%-25%) AMOUNT: 9 = 64-95(26%-37%) AMOUNT: 12 = 96-127(38%-50%) AMOUNT: 15 = 128-159(51%-62%) AMOUNT: 18 = 160-191(63%-75%) AMOUNT: 21 = 192-223(76%-87%) AMOUNT: 24 = 224-255(88%-100%)	AMOUNT: 1 = 0-42(0%-16%) AMOUNT: 2 = 43-85(17%-33%) AMOUNT: 3 = 86-127(34%-50%) AMOUNT: 4 = 128-170(51%-66%) AMOUNT: 5 = 171-212(67%-83%) AMOUNT: 6 = 213-255(84%-100%)	CCT
CH6/PARAMETER #3	SAT		G/M
CH7/PARAMETER #4	SPEED		
CH12/PARAMETER #5	DECAY		
CH9/PARAMETER #6	N/A	C1 HUE	CCT SHIFT
CH10/PARAMETER #7	N/A	C2 HUE	N/A
CH11/PARAMETER #8	N/A	C3 HUE	N/A
CH12/PARAMETER #9	N/A	C4 HUE	N/A
CH13/PARAMETER #10	N/A	C5 HUE	N/A
CH14/PARAMETER #11	N/A	C6 HUE	N/A

DMX EFFECT CHART

EFFECT	EXPLOSION 166 ≤ VALUE ≤ 178	
CH4/PARAMETER #1	COLOR: CCT MODE = 0-127(0%-50%)	COLOR: HSI MODE = 128-255(51%-100%)
CH5/PARAMETER #2	CCT	HUE
CH6/PARAMETER #3	G/M	SAT
CH7/PARAMETER #4	DECAY	
CH8/PARAMETER #5	TRIGGER:AUTO = 0-127(0%-50%)	TRIGGER:MANUAL = 128-255(51%-100%)
CH9/PARAMETER #6	SPEED	Trigger: OFF = 0-127(0%-50%) Trigger: ON = 128-255(51%-100%)
CH10/PARAMETER #7	N/A	
CH11/PARAMETER #8	N/A	
CH12/PARAMETER #9	N/A	
CH13/PARAMETER #10	N/A	
CH14/PARAMETER #11	N/A	

DMX EFFECT CHART

EFFECT	WELDING 179 ≤ VALUE ≤ 191	
CH4/PARAMETER #1	DIM LOW	
CH5/PARAMETER #2	COLOR: CCT MODE = 0-127(0%-50%)	COLOR: HSI MODE = 128-255(51%-100%)
CH6/PARAMETER #3	CCT	HUE
CH7/PARAMETER #4	G/M	SAT
CH12/PARAMETER #5	SPEED	
CH9/PARAMETER #6	PAUSE: OFF = 0-127(0%-50%) PAUSE: ON = 128-255(51%-100%)	
CH10/PARAMETER #7	N/A	
CH11/PARAMETER #8	N/A	
CH12/PARAMETER #9	N/A	
CH13/PARAMETER #10	N/A	
CH14/PARAMETER #11	N/A	

ULTIMATE DMX 8bit - PIXEL FX MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	DIMMER 0% to 100%	
2	0-38 39-77 78-115 116-154 155-191 192-255	0-15 16-30 31-45 46-60 61-75 76-100	MODE CCT HSI RGBW EFFECT PIXEL FX RESERVED	155 ≤ value ≤ 191
3	0-19 20-38 39-57 58-76 77-95 96-114 115-133 134-152 153-171 172-191 192-255	0-7 8-14 15-22 23-29 30-37 38-44 45-52 53-59 60-67 68-74 75-100	PIXLE FX MODE HUE LOOP CCT LOOP INT LOOP MULTICOLOR FADE PROCESS SCROLL FIRE RAINBOW DRIVING RESERVED	
4	0-255	0-100	DMX PIXEL FX PARAMETER #1	See DMX PIXEL FX chart
5	0-255	0-100	DMX PIXEL FX PARAMETER #2	See DMX PIXEL FX chart
6	0-255	0-100	DMX PIXEL FX PARAMETER #3	See DMX PIXEL FX chart
7	0-255	0-100	DMX PIXEL FX PARAMETER #4	See DMX PIXEL FX chart
8	0-255	0-100	DMX PIXEL FX PARAMETER #5	See DMX PIXEL FX chart
9	0-255	0-100	DMX PIXEL FX PARAMETER #6	See DMX PIXEL FX chart
10	0-255	0-100	DMX PIXEL FX PARAMETER #7	See DMX PIXEL FX chart
11	0-255	0-100	DMX PIXEL FX PARAMETER #8	See DMX PIXEL FX chart
12	0-255	0-100	DMX PIXEL FX PARAMETER #9	See DMX PIXEL FX chart
13	0-255	0-100	DMX PIXEL FX PARAMETER #10	See DMX PIXEL FX chart
14	0-255	0-100	DMX PIXEL FX PARAMETER #11	See DMX PIXEL FX chart
15	0-255	0-100	DMX PIXEL FX PARAMETER #12	See DMX PIXEL FX chart
16	0-255	0-100	DMX PIXEL FX PARAMETER #13	See DMX PIXEL FX chart
17	0-255	0-100	DMX PIXEL FX PARAMETER #14	See DMX PIXEL FX chart
18	0-255	0-100	DMX PIXEL FX PARAMETER #15	See DMX PIXEL FX chart
19	0-255	0-100	DMX PIXEL FX PARAMETER #16	See DMX PIXEL FX chart
20	0-255	0-100	DMX PIXEL FX PARAMETER #17	See DMX PIXEL FX chart
21	0-255	0-100	DMX PIXEL FX PARAMETER #18	See DMX PIXEL FX chart
22	0-255	0-100	DMX PIXEL FX PARAMETER #19	See DMX PIXEL FX chart
23	0-255	0-100	DMX PIXEL FX PARAMETER #20	See DMX PIXEL FX chart

ULTIMATE DMX 8bit - PIXEL FX MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
24	0-255	0-100	DMX PIXEL FX PARAMETER #21	See DMX PIXEL FX chart
25	0-255	0-100	DMX PIXEL FX PARAMETER #22	See DMX PIXEL FX chart
26	0-255	0-100	DMX PIXEL FX PARAMETER #23	See DMX PIXEL FX chart
27	0-255	0-100	DMX PIXEL FX PARAMETER #24	See DMX PIXEL FX chart
28	0-255	0-100	DMX PIXEL FX PARAMETER #25	See DMX PIXEL FX chart
29	0-255	0-100	DMX PIXEL FX PARAMETER #26	See DMX PIXEL FX chart
30	0-255	0-100	DMX PIXEL FX PARAMETER #27	See DMX PIXEL FX chart
31	0-255	0-100	DMX PIXEL FX PARAMETER #28	See DMX PIXEL FX chart
32	0-255	0-100	DMX PIXEL FX PARAMETER #29	See DMX PIXEL FX chart
33	0-255	0-100	DMX PIXEL FX PARAMETER #30	See DMX PIXEL FX chart
34	0-255	0-100	DMX PIXEL FX PARAMETER #31	See DMX PIXEL FX chart
35	0-255	0-100	DMX PIXEL FX PARAMETER #32	See DMX PIXEL FX chart
36	0-255	0-100	DMX PIXEL FX PARAMETER #33	See DMX PIXEL FX chart
37	0-255	0-100	DMX PIXEL FX PARAMETER #34	See DMX PIXEL FX chart
38	0-255	0-100	DMX PIXEL FX PARAMETER #35	See DMX PIXEL FX chart
39	0-255	0-100	DMX PIXEL FX PARAMETER #36	See DMX PIXEL FX chart
40	0-255	0-100	DMX PIXEL FX PARAMETER #37	See DMX PIXEL FX chart
41	0-255	0-100	DMX PIXEL FX PARAMETER #38	See DMX PIXEL FX chart
42	0-255	0-100	DMX PIXEL FX PARAMETER #39	See DMX PIXEL FX chart
43	0-255	0-100	DMX PIXEL FX PARAMETER #40	See DMX PIXEL FX chart

DMX PIXEL FX CHART

PIXEL FX	HUE LOOP 0 ≤ VALUE ≤ 19			
CH4/PARAMETER #1	HUE1			
CH5/PARAMETER #2	HUE2			
CH6/PARAMETER #3	SAT			
CH7/PARAMETER #4	SPEED			
CH8/PARAMETER #5	CYCLE: ONE WAY = 0-85(0%-33%) CYCLE: TWO WAY = 86-170(34%-66%) CYCLE: REVERSE = 171-255(67%-100%)			
CH9/PARAMETER #6	PIXEL EFFECT: DELAY = 0 - 85(0% - 33%)	PIXEL EFFECT: RANDOM = 86 - 170(34% - 66%)	PIXEL EFFECT: ALTENATE = 171 - 255(0% - 33%)	
CH10/PARAMETER #7	DELAY: 0-255(0%-100%)	RANDOM: 0-255(0% - 100%)	N/A	
CH11/PARAMETER #8	DIRECTION: FORWARD = 0-127(0%-50%) BACKWARD = 128-255(51%-100%)	N/A	N/A	
CH12/PARAMETER #9	SYMMETRY: OFF = 0 - 127(0% - 50%) ON = 128 - 255(51% - 100%)	N/A	N/A	
CH13/PARAMETER #10	ADD-ON: OFF = 0-63(0%-25%)	ADD-ON: FLASH = 64-127(26%-50%)	ADD-ON: RANDOM FLASH = 128-191(51%-75%)	ADD-ON: PULSE = 192-255(76%-100%)
CH14/PARAMETER #11	N/A	INTERVALS	SPEED	PULSES/MIN
CH15/PARAMETER #12	N/A	FLASH RATIO	N/A	N/A
CH16-43/ PARAMETER #13-#40	N/A			

DMX PIXEL FX CHART

PIXEL FX	CCT LOOP 20 ≤ VALUE ≤ 38			
CH4/PARAMETER #1	CCT1			
CH5/PARAMETER #2	CCT2			
CH6/PARAMETER #3	G/M			
CH7/PARAMETER #4	SPEED			
CH8/PARAMETER #5	CYCLE: ONE WAY = 0-85(0%-33%) CYCLE: TWO WAY = 86-170(34%-66%) CYCLE: REVERSE = 171-255(67%-100%)			
CH9/PARAMETER #6	PIXEL EFFECT: DELAY = 0 - 85(0% - 33%)	PIXEL EFFECT: RANDOM = 86 - 170(34% - 66%)	PIXEL EFFECT: ALTENATE = 171 - 255(0% - 33%)	
CH10/PARAMETER #7	DELAY: 0-255(0%-100%)	RANDOM: 0-255(0% - 100%)	N/A	
CH11/PARAMETER #8	DIRECTION: FORWARD = 0-127(0%-50%) BACKWARD = 128-255(51%-100%)	N/A	N/A	
CH12/PARAMETER #9	SYMMETRY: OFF = 0 - 127(0% - 50%) ON = 128 - 255(51% - 100%)	N/A	N/A	
CH13/PARAMETER #10	ADD-ON: OFF = 0-63(0%-25%)	ADD-ON: FLASH = 64-127(26%-50%)	ADD-ON: RANDOM FLASH = 128-191(51%-75%)	ADD-ON: PULSE = 192-255(76%-100%)
CH14/PARAMETER #11	N/A	INTERVALS	SPEED	PULSES/MIN
CH15/PARAMETER #12	N/A	FLASH RATIO	N/A	N/A
CH16-43/ PARAMETER #13-#40	N/A			

DMX PIXEL FX CHART

PIXEL FX	INT LOOP 39 ≤ VALUE ≤ 57			
CH4/PARAMETER #1	DIM LOW			
CH5/PARAMETER #2	COLOR: CCT MODE = 0-127(0%-50%)		COLOR: HSI MODE = 128-255(51%-100%)	
CH6/PARAMETER #3	CCT		HUE	
CH7/PARAMETER #4	G/M		SAT	
CH8/PARAMETER #5	SPEED			
CH9/PARAMETER #6	CYCLE: ONE WAY = 0-85(0%-33%) CYCLE: TWO WAY = 86-170(34%-66%) CYCLE: REVERSE = 171-255(67%-100%)			
CH10/PARAMETER #7	PIXEL EFFECT: DELAY = 0 - 85(0% - 33%)	PIXEL EFFECT: RANDOM = 86 - 170(34% - 66%)	PIXEL EFFECT: ALTENATE = 171 - 255(0% - 33%)	
CH11/PARAMETER #8	DELAY: 0-255(0%-100%)	RANDOM: 0-255(0% - 100%)	N/A	
CH12/PARAMETER #9	DIRECTION: FORWARD = 0-127(0%-50%) BACKWARD = 128-255(51%-100%)	N/A	N/A	
CH13/PARAMETER #10	SYMMETRY: OFF = 0 - 127(0% - 50%) ON = 128 - 255(51% - 100%)	N/A	N/A	
CH14/PARAMETER #11	ADD-ON: OFF = 0-63(0%-25%)	ADD-ON: FLASH = 64-127(26%-50%)	ADD-ON: RANDOM FLASH = 128-191(51%-75%)	ADD-ON: PULSE = 192-255(76%-100%)
CH15/PARAMETER #12	N/A	INTERVALS	SPEED	PULSES/MIN
CH16/PARAMETER #13	N/A	FLASH RATIO	N/A	N/A
CH17-43/ PARAMETER #14-#40	N/A			

DMX PIXEL FX CHART

PIXEL FX	MULTICOLOR 58 ≤ VALUE ≤ 76			
CH4/PARAMETER #1	AMOUNT			
CH5/PARAMETER #2	COLOR1: CCT MODE = 0-127(0%-50%)		COLOR1: HSI MODE = 128-255(51%-100%)	
CH6/PARAMETER #3	CCT1		HUE1	
CH7/PARAMETER #4	G/M1		SAT1	
CH8/PARAMETER #5	COLOR2: CCT MODE = 0-127(0%-50%)		COLOR2: HSI MODE = 128-255(51%-100%)	
CH9/PARAMETER #6	CCT2		HUE2	
CH10/PARAMETER #7	G/M2		SAT2	
CH11/PARAMETER #8	COLOR3: CCT MODE = 0-127(0%-50%)		COLOR3: HSI MODE = 128-255(51%-100%)	
CH12/PARAMETER #9	CCT3		HUE3	
CH13/PARAMETER #10	G/M3		SAT3	
CH14/PARAMETER #11	COLOR4: CCT MODE = 0-127(0%-50%)		COLOR4: HSI MODE = 128-255(51%-100%)	
CH15/PARAMETER #12	CCT4		HUE4	
CH16/PARAMETER #13	G/M4		SAT4	
CH17/PARAMETER #14	MOVING SPEED			
CH18/PARAMETER #15	DIRECTION: FORWARD = 0-127(0%-50%) DIRECTION: BACKWARD = 128-255(51%-100%)			
CH19/PARAMETER #16	ADD-ON: OFF = 0-63(0%-25%)	ADD-ON: FLASH = 64-127(26%-50%)	ADD-ON: RANDOM FLASH = 128-191(51%-75%)	ADD-ON: PULSE = 192-255(76%-100%)
CH20/PARAMETER #17	N/A	INTERVALS	SPEED	PULSES/MIN
CH21/PARAMETER #18	N/A	FLASH RATIO	N/A	N/A
CH22-43/ PARAMETER #19-#40	N/A			

DMX PIXEL FX CHART

PIXEL FX	FADE 77 ≤ VALUE ≤ 95			
CH4/PARAMETER #1	AMOUNT			
CH5/PARAMETER #2	COLOR1: CCT MODE = 0-127(0%-50%)		COLOR1: HSI MODE = 128-255(51%-100%)	
CH6/PARAMETER #3	CCT1		HUE1	
CH7/PARAMETER #4	G/M1		SAT1	
CH8/PARAMETER #5	COLOR2: CCT MODE = 0-127(0%-50%)		COLOR2: HSI MODE = 128-255(51%-100%)	
CH9/PARAMETER #6	CCT2		HUE2	
CH10/PARAMETER #7	G/M2		SAT2	
CH11/PARAMETER #8	COLOR3: CCT MODE = 0-127(0%-50%)		COLOR3: HSI MODE = 128-255(51%-100%)	
CH12/PARAMETER #9	CCT3		HUE3	
CH13/PARAMETER #10	G/M3		SAT3	
CH14/PARAMETER #11	COLOR4: CCT MODE = 0-127(0%-50%)		COLOR4: HSI MODE = 128-255(51%-100%)	
CH15/PARAMETER #12	CCT4		HUE4	
CH16/PARAMETER #13	G/M4		SAT4	
CH17/PARAMETER #14	SPEED			
CH18/PARAMETER #15	CROSSFADE			
CH19/PARAMETER #16	MOVING SPEED			
CH20/PARAMETER #17	DIRECTION: FORWARD = 0-127(0%-50%) DIRECTION: BACKWARD = 128-255(51%-100%)			
CH21/PARAMETER #18	ADD-ON: OFF = 0-63(0%-25%)	ADD-ON: FLASH = 64-127(26%-50%)	ADD-ON: RANDOM FLASH = 128-191(51%-75%)	ADD-ON: PULSE = 192-255(76%-100%)
CH22/PARAMETER #19	N/A	INTERVALS	SPEED	PULSES/MIN
CH23/PARAMETER #20	N/A	FLASH RATIO	N/A	N/A
CH24-43/ PARAMETER #21-#40	N/A			

DMX PIXEL FX CHART

PIXEL FX	PROCESS 96 ≤ VALUE ≤ 114			
CH4/PARAMETER #1	BACKGROUND: DIM			
CH5/PARAMETER #2	BACKGROUND: COLOR: CCT MODE = 0-127(0%-50%)		BACKGROUND: COLOR: HSI MODE = 128-255(51%-100%)	
CH6/PARAMETER #3	BACKGROUND: CCT		BACKGROUND: HUE	
CH7/PARAMETER #4	BACKGROUND: G/M		BACKGROUND: SAT	
CH8/PARAMETER #5	COLOR: CCT MODE = 0-127(0%-50%)		COLOR: HSI MODE = 128-255(51%-100%)	
CH9/PARAMETER #6	CCT		HUE	
CH10/PARAMETER #7	G/M		SAT	
CH11/PARAMETER #8	PIXEL LENGTH: 1 = 0-63(0% - 25%) PIXEL LENGTH: 2 = 64-127(0% - 50%) PIXEL LENGTH: 3 = 128-190(51% - 75%) PIXEL LENGTH: 4 = 191-255(76% - 100%)			
CH12/PARAMETER #9	GRADIENT:OFF = 0-127(0%-50%) GRADIENT:ON = 128 - 256(51% - 100%)			
CH13/PARAMETER #10	SPEED			
CH14/PARAMETER #11	DIRECTION: FORWARD = 0-127(0%-50%) DIRECTION: BACKWARD = 128-255(51%-100%)			
CH15/PARAMETER #12	SYMMETRY: OFF = 0-127(0% - 50%) SYMMETRY: ON = 128 - 255(51% - 100%)			
CH16/PARAMETER #13	ADD-ON: OFF = 0-63(0%-25%)	ADD-ON: FLASH = 64-127(26%-50%)	ADD-ON: RANDOM FLASH = 128-191(51%-75%)	ADD-ON: PULSE = 192-255(76%-100%)
CH17/PARAMETER #14	N/A	INTERVALS	SPEED	PULSES/MIN
CH18/PARAMETER #15	N/A	FLASH RATIO	N/A	N/A
CH19-43/ PARAMETER #16-#40	N/A			

DMX PIXEL FX CHART

PIXEL FX	SCROLL 115 ≤ VALUE ≤ 133			
CH4/PARAMETER #1	AMOUNT: 2 = 0-85(0% - 33%) AMOUNT: 3 = 86-170(34% - 67%) AMOUNT: 4 = 171-255(68% - 100%)			
CH5/PARAMETER #2	DIM1			
CH6/PARAMETER #3	COLOR1: CCT MODE = 0-127(0%-50%)		COLOR1: HSI MODE = 128-255(51%-100%)	
CH7/PARAMETER #4	CCT1		HUE1	
CH8/PARAMETER #5	G/M1		SAT1	
CH9/PARAMETER #6	DIM2			
CH10/PARAMETER #7	COLOR2: CCT MODE = 0-127(0%-50%)		COLOR2: HSI MODE = 128-255(51%-100%)	
CH11/PARAMETER #8	CCT2		HUE2	
CH12/PARAMETER #9	G/M2		SAT2	
CH13/PARAMETER #10	DIM3			
CH14/PARAMETER #11	COLOR3: CCT MODE = 0-127(0%-50%)		COLOR3: HSI MODE = 128-255(51%-100%)	
CH15/PARAMETER #12	CCT3		HUE3	
CH16/PARAMETER #13	G/M3		SAT3	
CH17/PARAMETER #14	DIM4			
CH18/PARAMETER #15	COLOR4: CCT MODE = 0-127(0%-50%)		COLOR4: HSI MODE = 128-255(51%-100%)	
CH19/PARAMETER #16	CCT4		HUE4	
CH20/PARAMETER #17	G/M4		SAT4	
CH21/PARAMETER #18	SPEED			
CH22/PARAMETER #19	DIRECTION: FORWARD = 0-127(0% - 50%) DIRECTION: BACKWARD = 128 - 255(51% - 100%)			
CH23/PARAMETER #20	SYMMETRY: OFF = 0-127(0% - 50%) SYMMETRY: ON = 128 - 255(51% - 100%)			
CH24/PARAMETER #21	ADD-ON: OFF = 0-63(0%-25%)	ADD-ON: FLASH = 64-127(26%-50%)	ADD-ON: RANDOM FLASH = 128-191(51%-75%)	ADD-ON: PULSE = 192-255(76%-100%)
CH25/PARAMETER #22	N/A	INTERVALS	SPEED	PULSES/MIN
CH26/PARAMETER #23	N/A	FLASH RATIO	N/A	
CH27-43/ PARAMETER #24-#40	N/A			

DMX PIXEL FX CHART

PIXEL FX	FIRE 134 ≤ VALUE ≤ 152			
CH4/PARAMETER #1	SPEED			
CH5/PARAMETER #2	COLOR1: CCT MODE = 0-127(0%-50%)		COLOR1: HSI MODE = 128-255(51%-100%)	
CH6/PARAMETER #3	CCT1		HUE1	
CH7/PARAMETER #4	G/M1		SAT1	
CH8/PARAMETER #5	COLOR2: CCT MODE = 0-127(0%-50%)		COLOR2: HSI MODE = 128-255(51%-100%)	
CH9/PARAMETER #6	CCT2		HUE2	
CH10/PARAMETER #7	G/M2		SAT2	
CH11/PARAMETER #8	MOVING SPEED			
CH12/PARAMETER #9	DIRECTION: FORWARD = 0-127(0%-50%) DIRECTION: BACKWARD = 128-255(51%-100%)			
CH13/PARAMETER #10	ADD-ON: OFF = 0-63(0%-25%)	ADD-ON: FLASH = 64-127(26%-50%)	ADD-ON: RANDOM FLASH = 128-191(51%-75%)	ADD-ON: PULSE = 192-255(76%-100%)
CH14/PARAMETER #11	N/A	INTERVALS	SPEED	PULSES/MIN
CH15/PARAMETER #12	N/A	FLASH RATIO	N/A	N/A
CH16-43/ PARAMETER #13-#40	N/A			

DMX PIXEL FX CHART

PIXEL FX	RAINBOW 153 ≤ VALUE ≤ 171			
CH4/PARAMETER #1	SPEED			
CH5/PARAMETER #2	DIRECTION: FORWARD = 0-127(0%-50%) DIRECTION: BACKWARD = 128-255(51%-100%)			
CH6/PARAMETER #3	ADD-ON: OFF = 0-63(0%-25%)	ADD-ON: FLASH = 64-127(26%-50%)	ADD-ON: RANDOM FLASH = 128-191(51%-75%)	ADD-ON: PULSE = 192-255(76%-100%)
CH7/PARAMETER #4	N/A	INTERVALS	SPEED	PULSES/MIN
CH8/PARAMETER #5	N/A	FLASH RATIO	N/A	
CH9-43/ PARAMETER #6-#40	N/A			

DMX PIXEL FX CHART

PIXEL FX	DIRVING 172 ≤ VALUE ≤ 191	
CH4/PARAMETER #1	AMBIENT: INT SHIFT	
CH5/PARAMETER #2	AMBIENT: COLOR: CCT MODE = 0-127(0%-50%)	AMBIENT: COLOR: HSI MODE = 128-255(51%-100%)
CH6/PARAMETER #3	AMBIENT: CCT	AMBIENT: HUE
CH7/PARAMETER #4	AMBIENT: G/M	AMBIENT: SAT
CH8/PARAMETER #5	CCT SHIFT	HUE SHIFT
CH9/PARAMETER #6	SHIFTING SPEED	
CH10/PARAMETER #7	DIRECTION: FORWARD = 0-127(0%-50%) DIRECTION: BACKWARD = 128-255(51%-100%)	
CH11/PARAMETER #8	STREET LIGHT: 1 = 0-63(0% - 25%) STREET LIGHT: 2 = 64-127(0% - 50%) STREET LIGHT: 3 = 128-190(51% - 75%) STREET LIGHT: 4 = 191-255(76% - 100%)	
CH12/PARAMETER #9	DIM1	
CH13/PARAMETER #10	COLOR1: CCT MODE = 0-127(0%-50%)	COLOR1: HSI MODE = 128-255(51%-100%)
CH14/PARAMETER #11	CCT1	HUE1
CH15/PARAMETER #12	G/M1	SAT1
CH16/PARAMETER #13	STREET LIGHT 1 PIXEL LENGTH: 1 = 0-63(0% - 25%) PIXEL LENGTH: 2 = 64-127(0% - 50%) PIXEL LENGTH: 3 = 128-190(51% - 75%) PIXEL LENGTH: 4 = 191-255(76% - 100%)	
CH17/PARAMETER #14	STREET LIGHT 1: INTERVAL RANGE LOW	
CH18/PARAMETER #15	STREET LIGHT 1: INTERVAL RANGE HIGH	
CH19/PARAMETER #16	STREET LIGHT 1: MOVING SPEED	
CH20/PARAMETER #17	DIM2	
CH21/PARAMETER #18	COLOR2: CCT MODE = 0-127(0%-50%)	COLOR2: HSI MODE = 128-255(51%-100%)
CH22/PARAMETER #19	CCT2	HUE2
CH23/PARAMETER #20	G/M2	SAT2
CH24/PARAMETER #21	STREET LIGHT 2 PIXEL LENGTH: 1 = 0-63(0% - 25%) PIXEL LENGTH: 2 = 64-127(0% - 50%) PIXEL LENGTH: 3 = 128-190(51% - 75%) PIXEL LENGTH: 4 = 191-255(76% - 100%)	
CH25/PARAMETER #22	STREET LIGHT 2: INTERVAL RANGE LOW	
CH26/PARAMETER #23	STREET LIGHT 2: INTERVAL RANGE HIGH	
CH27/PARAMETER #24	STREET LIGHT 2: MOVING SPEED	

DMX PIXEL FX CHART

PIXEL FX	DIRVING 172 ≤ VALUE ≤ 191	
CH28/PARAMETER #25	DIM3	
CH29/PARAMETER #26	COLOR3: CCT MODE = 0-127(0%-50%)	COLOR3: HSI MODE = 128-255(51%-100%)
CH30/PARAMETER #27	CCT3	HUE3
CH31/PARAMETER #28	G/M3	SAT3
CH32/PARAMETER #29	STREET LIGHT 3 PIXEL LENGTH: 1 = 0-63(0% - 25%) PIXEL LENGTH: 2 = 64-127(0% - 50%) PIXEL LENGTH: 3 = 128-190(51% - 75%) PIXEL LENGTH: 4 = 191-255(76% - 100%)	
CH33/PARAMETER #30	STREET LIGHT 3: INTERVAL RANGE LOW	
CH34/PARAMETER #31	STREET LIGHT 3: INTERVAL RANGE HIGH	
CH35/PARAMETER #32	STREET LIGHT 3: MOVING SPEED	
CH36/PARAMETER #33	DIM4	
CH37/PARAMETER #34	COLOR4: CCT MODE = 0-127(0%-50%)	COLOR4: HSI MODE = 128-255(51%-100%)
CH38/PARAMETER #35	CCT4	HUE4
CH39/PARAMETER #36	G/M4	SAT4
CH40/PARAMETER #37	STREET LIGHT 4 PIXEL LENGTH: 1 = 0-63(0% - 25%) PIXEL LENGTH: 2 = 64-127(0% - 50%) PIXEL LENGTH: 3 = 128-190(51% - 75%) PIXEL LENGTH: 4 = 191-255(76% - 100%)	
CH41/PARAMETER #38	STREET LIGHT 4: INTERVAL RANGE LOW	
CH42/PARAMETER #39	STREET LIGHT 4: INTERVAL RANGE HIGH	
CH43/PARAMETER #40	STREET LIGHT 4: MOVING SPEED	

NANLITE

Guangdong NanGuang Photo&Video Systems Co.,Ltd

+86-754-85751187

+86-754-85300887

service@nanlite.com

<http://www.nanlite.com>

Zhanglin, 324,Dongli Chenghai Shantou Guangdong China