DMX CHARTS

THEATRE

CH	1 Ch	2 Ch	4 Ch	5 Ch "1"	5 Ch "2"	6 Ch	10 Ch	15 Ch	17 Ch	21 Ch
1	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER
2		DIMMER FADE	CCT	DIMMER FINE	CCT	CCT	RED	DIMMER FINE	DIMMER FINE	DIMMER FINE
3			HUE	CCT	HUE	HUE	GREEN	RED	STROBE	STROBE
4			DIMMER FADE	HUE	STROBE	STROBE	BLUE	RED FINE	CCT	CCT
5				DIMMER FADE	DIMMER FADE	COLOR MACRO	WHITE	GREEN	HUE	HUE
6						DIMMER FADE	CCT	GREEN FINE	CROSSFADE	CROSSFADE
7							HUE	BLUE	RED	RED
8							STROBE	BLUE FINE	RED FINE	RED FINE
9							COLOR MACRO	WHITE	GREEN	GREEN
10							DIMMER FADE	WHITE FINE	GREEN FINE	GREEN FINE
11								CCT	BLUE	BLUE
12								HUE	BLUE FINE	BLUE FINE
13								STROBE	WHITE	WHITE
14								COLOR MACRO	WHITE FINE	WHITE FINE
15								DIMMER FADE	COLOR MACRO	COLOR MACRO
16									CTO ON COLORS	CTO ON COLORS
17									DIMMER FADE	DIMMER FADE
18										FX SELEC-TION
19										FX SPEED
20										FX FADE
21										CONTROL

THEATRE

1 Ch	2 Ch	4 Ch	5 Ch "1"	5 Ch "2"	6 Ch	10 Ch	15 Ch	17 Ch	21 Ch	FUNCTION	DMX Value	Default
1	1	1	1	1	1	1	1	1	1	**DIMMER** 0÷100%	000 ÷ 255	000
			2				2	2	2	**DIMMER FINE** 0÷100%	000 ÷ 255	000
								5	5	**HUE** 25 to 0 0 0 to +25	000 ÷ 126 127 ÷ 127 128 ÷ 255	127
								6	6	**CROSSFADE** 0÷100%	000 ÷ 255	000
						2	3	7	7	**RED** 0÷100%	000 ÷ 255	000
							4	8	8	**RED FINE** 0÷100%	000 ÷ 255	000
						3	5	9	9	**GREEN** 0÷100%	000 ÷ 255	000
							6	10	10	**GREEN FINE** 0÷100%	000 ÷ 255	000
						4	7	11	11	**BLUE** 0÷100%	000 ÷ 255	000
							8	12	12	**BLUE FINE** 0÷100%	000 ÷ 255	000
						5	9	13	13	**WHITE** 0÷100%	000 ÷ 255	000
							10	14	14	**WHITE FINE** 0÷100%	000 ÷ 255	000
		2	3	2	2			4	4	**CCT** 2800K - 3200K 3200K - 3500K 3500K - 4000K 4000K - 4500K 4500K - 5000K 5000K - 5600K 5600K - 6000K 6000K - 6500K	000 ÷ 031 032 ÷ 063 064 ÷ 095 096 ÷ 127 128 ÷ 159 160 ÷ 191 192 ÷ 223 224 ÷ 255	000
						6	11			**CCT** 2800K - 3200K 3200K - 3500K 3500K - 4000K 4000K - 4500K 4500K - 5000K 5000K - 5600K 5600K - 6000K 6000K - 6500K No Function	000 ÷ 030 031 ÷ 060 061 ÷ 090 091 ÷ 120 121 ÷ 150 151 ÷ 180 181 ÷ 210 211 ÷ 240 241 ÷ 255	000
		3	4	3	3	7	12			**HUE** 0 -25°÷25°	000 ÷ 000 001 ÷ 255	000
				4	4	8	13	3	3	**STROBE** Closed Strobe slow to fast Open Random slow to fast Open	000 ÷ 030 031 ÷ 100 101 ÷ 130 131 ÷ 200 201 ÷ 255	255

1 Ch	2 Ch	4 Ch	5 Ch "1"	5 Ch "2"	6 Ch	10 Ch	15 Ch	17 Ch	21 Ch	FUNCTION	DMX Value	Default
					5	9	14	15	15	**COLOR MACRO** No Function Amber Shift on Color Macro*	 000 ÷ 002 003 ÷ 005 006 ÷ 255	000
								16	16	**CTO ON COLORS** 0÷100%	 000 ÷ 255	000
	2	4	5	5	6	10	15	17	17	**DIMMER FADE** Read from menu 0÷100%	 000 ÷ 000 001 ÷ 255	000
									18	**FX SELECTION** No Function Effect 1 Effect 2 Effect 3 Effect 4 Effect 5 Candle Cop Car1 Cop Car2 Cop Car3 Fire Fireworks Paparazzi Television Party Clouds Club Color Chase Strobe Lighting Explosion Fluorescent Process Pulsing Welding	 000 ÷ 010 011 ÷ 020 021 ÷ 030 031 ÷ 040 041 ÷ 050 051 ÷ 060 061 ÷ 070 071 ÷ 080 081 ÷ 090 091 ÷ 100 101 ÷ 110 111 ÷ 120 121 ÷ 130 131 ÷ 140 141 ÷ 150 151 ÷ 160 161 ÷ 170 171 ÷ 180 181 ÷ 190 191 ÷ 200 201 ÷ 210 211 ÷ 220 221 ÷ 230 231 ÷ 240 241 ÷ 255	000
									19	**FX SPEED** 0÷100%	 000 ÷ 255	000
									20	**FX FADE** 0÷100%	 000 ÷ 255	000
									21	**CONTROL CHANNEL** No Function FAN MODE AUTO CONST. OUT. FAN MODE ON CONST. OUT. FAN MODE OFF CONST. OUT. FAN MODE SILENT 1 CONST. OUT. FAN MODE SILENT 2 CONST. OUT. LED FREQUENCY 600HZ LED FREQUENCY 1200HZ LED FREQUENCY 2000HZ LED FREQUENCY 4000HZ LED FREQUENCY 6000HZ LED FREQUENCY 25KHZ LED FREQUENCY 36KHZ FAN MODE AUTO DYNAMIC OUT. FAN MODE ON DYNAMIC OUT. FAN MODE OFF DYNAMIC OUT. FAN MODE SILENT 1 DYNAMIC OUT. FAN MODE SILENT 2 DYNAMIC OUT. RESERVED RESET ALL CHANNELS CONTROLLED	 000 ÷ 001 002 ÷ 003 004 ÷ 005 006 ÷ 007 008 ÷ 009 010 ÷ 011 012 ÷ 013 014 ÷ 015 016 ÷ 017 018 ÷ 019 020 ÷ 021 022 ÷ 023 024 ÷ 025 026 ÷ 027 028 ÷ 029 030 ÷ 031 032 ÷ 033 034 ÷ 035 036 ÷ 253 254 ÷ 255	000

*Color Macro for 21CH: please refer to next list for values.

COLOR MACRO 21CH	
Open	000 ÷ 001
Red	002 ÷ 003
Green	004 ÷ 005
Blue	006 ÷ 007
Cyan	008 ÷ 009
Magenta	010 ÷ 011
Yellow	012 ÷ 013
Dirty White	014 ÷ 015
Alice Blue	016 ÷ 017
Congo Blue	018 ÷ 019
Dark Steel Blue	020 ÷ 021
Deep Lavender	022 ÷ 023
Lilac Ting	024 ÷ 025
Daylight Blue	026 ÷ 027
Flame Red	028 ÷ 029
Bastard Amber	030 ÷ 031
Deep Orange	032 ÷ 033
Pale Gold	034 ÷ 035
Apricot	036 ÷ 037
Bright Blue	038 ÷ 039
Primary Green	040 ÷ 041
Special Lavender	042 ÷ 043
Pale Lavender	044 ÷ 045
Deep Golden Amber	046 ÷ 047
Medium Blue	048 ÷ 049
Bright Pink	050 ÷ 051
Mauve	052 ÷ 053
Dark Green	054 ÷ 055
Lee Green	056 ÷ 057
Dark Blue	058 ÷ 059
Light Blue	060 ÷ 061
Steel Blue	062 ÷ 063
Medium Blue-Green	064 ÷ 065
Peacock Blue	066 ÷ 067
Magenta	068 ÷ 069
Dark Pink	070 ÷ 071
Middle Rose	072 ÷ 073
Light Salmon	074 ÷ 075
English Rose	076 ÷ 077
Light Rose	078 ÷ 079
Orange	080 ÷ 081
Deep Amber	082 ÷ 083
Straw	084 ÷ 085
Light Amber	086 ÷ 087
Spring Yellow	088 ÷ 089
Dark Yellow Green	090 ÷ 091
Just Blue	092 ÷ 093
Sky Blue	094 ÷ 095
Lavender	096 ÷ 097
Light Lavender	098 ÷ 099
Pink Carnation	100 ÷ 101
Medium Pink	102 ÷ 103
Light Pink	104 ÷ 105
Sunset Red	106 ÷ 107
Dark Amber	108 ÷ 109
Gold Amber	110 ÷ 111
Medium Amber	112 ÷ 113
Fire	114 ÷ 115
Surprise Peach	116 ÷ 117
Straw Tint	118 ÷ 119
Medium Yellow	120 ÷ 121
Lee Minus Green	122 ÷ 123
Pale Gold	124 ÷ 125
Orange	126 ÷ 127
Deep Straw	128 ÷ 129
Rose Purple	130 ÷ 131
Deep Purple	132 ÷ 133
Soft Green	134 ÷ 135
Reserved	136 ÷ 211
2800K	212 ÷ 213
3000K	214 ÷ 215
3200K	216 ÷ 217
3400K	218 ÷ 219
3600K	220 ÷ 221
3800K	222 ÷ 223
4000K	224 ÷ 225
4200K	226 ÷ 227
4400K	228 ÷ 229
4600K	230 ÷ 231
4800K	232 ÷ 233
5000K	234 ÷ 235
5200K	236 ÷ 237
5400K	238 ÷ 239
5600K	240 ÷ 241
6000K	242 ÷ 243
6500K	244 ÷ 245
7000K	246 ÷ 247
8000K	248 ÷ 249
9000K	250 ÷ 251
10000K	252 ÷ 253
Full On	254 ÷ 255

TOUR

Channel	4 Ch	6 Ch	10 Ch	11 Ch	15 Ch
1	RED	DIMMER	DIMMER	DIMMER	DIMMER
2	GREEN	RED	RED	DIMMER FINE	DIMMER FINE
3	BLUE	GREEN	GREEN	RED	RED
4	WHITE	BLUE	BLUE	RED FINE	RED FINE
5		WHITE	WHITE	GREEN	GREEN
6		STROBE	STROBE	GREEN FINE	GREEN FINE
7			CCT	BLUE	BLUE
8			EFFECTS	BLUE FINE	BLUE FINE
9			EFFECTS SPEED	WHITE	WHITE
10			DIMMER FADE	WHITE FINE	WHITE FINE
11				STROBE	STROBE
12					CCT
13					EFFECTS
14					EFFECTS SPEED
15					DIMMER FADE

TOUR

4 Ch	6 Ch	10 Ch	11 Ch	15 Ch	FUNCTION	DMX Value	Default
	1	1	1	1	**DIMMER** 0÷100%	000 ÷ 255	000
			2	2	**DIMMER FINE** 0÷100%	000 ÷ 255	000
1	2	2	3	3	**RED** 0÷100%	000 ÷ 255	255
			4	4	**RED FINE** 0÷100%	000 ÷ 255	255
2	3	3	5	5	**GREEN** 0÷100%	000 ÷ 255	255
			6	6	**GREEN FINE** 0÷100%	000 - 255	255
3	4	4	7	7	**BLUE** 0÷100%	000 ÷ 255	255
			8	8	**BLUE FINE** 0÷100%	000 ÷ 255	255
4	5	5	9	9	**WHITE** 0÷100%	000 ÷ 255	255
			10	10	**WHITE FINE** 0÷100%	000 ÷ 255	255
	6	6	11	11	**STROBE** Closed Strobe slow to fast Open Random slow to fast Open	 000 ÷ 030 031 ÷ 100 101 ÷ 130 131 ÷ 200 201 ÷ 255	255
		7		12	**CCT** No Function 2800K 3200K 3500K 4000K 4500K 5000K 5600K 6000K 6500K No Function	 000 ÷ 005 006 ÷ 030 031 ÷ 055 056 ÷ 080 081 ÷ 105 106 ÷ 130 131 ÷ 155 156 ÷ 180 181 ÷ 205 206 ÷ 230 231 ÷ 255	000
		8		13	**EFFECTS** No Function Effect 1 Effect 2 Effect 3 Effect 4 Effect 5 Candle Cop Car1 Cop Car2 Cop Car3 Fire Fireworks Paparazzi Television Party	 000 ÷ 010 011 ÷ 020 021 ÷ 030 031 ÷ 040 041 ÷ 050 051 ÷ 060 061 ÷ 070 071 ÷ 080 081 ÷ 090 091 ÷ 100 101 ÷ 110 111 ÷ 120 121 ÷ 130 131 ÷ 140 141 ÷ 150	

4 Ch	6 Ch	10 Ch	11 Ch	15 Ch	FUNCTION	DMX Value	Default
		8		13	Clouds Club Color Chase Strobe Lighting Explosion Fluorescent Process Pulsing Welding	151 ÷ 160 161 ÷ 170 171 ÷ 180 181 ÷ 190 191 ÷ 200 201 ÷ 210 211 ÷ 220 221 ÷ 230 231 ÷ 240 241 ÷ 255	000
		9		14	**EFFECTS SPEED** Speed slow to fast	000 ÷ 255	128
		10		15	**DIMMER FADE** Read from menu 0÷100%	000 ÷ 000 001 ÷ 255	000

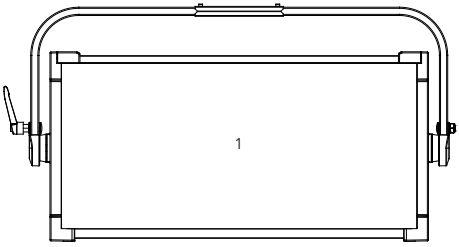
PIXEL

Channel	1	2V	2H	4V	4H	8
1	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER
2	STROBE	STROBE	STROBE	STROBE	STROBE	STROBE
3	DIMMER FADE	DIMMER FADE	DIMMER FADE	DIMMER FADE	DIMMER FADE	DIMMER FADE
4	RED	RED1	RED1	RED1	RED1	RED1
5	GREEN	GREEN1	GREEN1	GREEN1	GREEN1	GREEN1
6	BLUE	BLUE1	BLUE1	BLUE1	BLUE1	BLUE1
7	WHITE	WHITE1	WHITE1	WHITE1	WHITE1	WHITE1
8		RED2	RED2	RED2	RED2	RED2
9		GREEN2	GREEN2	GREEN2	GREEN2	GREEN2
10		BLUE2	BLUE2	BLUE2	BLUE2	BLUE2
11		WHITE2	WHITE2	WHITE2	WHITE2	WHITE2
12				RED3	RED3	RED3
13				GREEN3	GREEN3	GREEN3
14				BLUE3	BLUE3	BLUE3
15				WHITE3	WHITE3	WHITE3
16				RED4	RED4	RED4
17				GREEN4	GREEN4	GREEN4
18				BLUE4	BLUE4	BLUE4
19				WHITE4	WHITE4	WHITE4
20						RED5

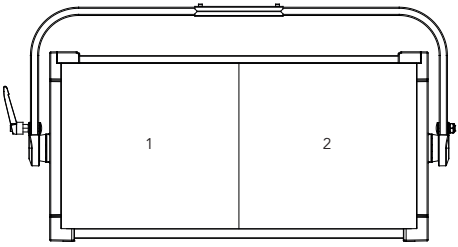
21						GREEN5
22						BLUE5
23						WHITE5
24						RED6
25						GREEN6
26						BLUE6
27						WHITE6
28						RED7
29						GREEN7
30						BLUE7
31						WHITE7
32						RED8
33						GREEN8
34						BLUE8
35						WHITE8

PIXEL LAYOUT

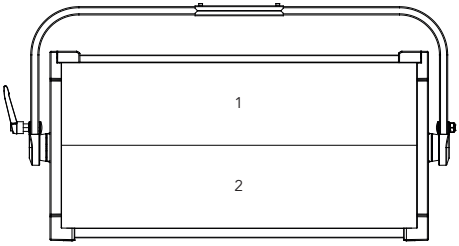
The following drawing describes the pixels distribution and their position on the product light emitting surface. Check the DMX mode selected to identify the related Pixel layout.



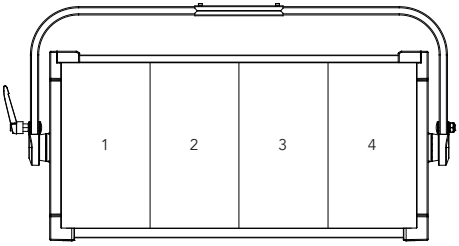
1 Pixel



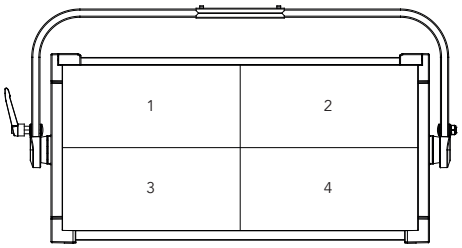
2V Pixel



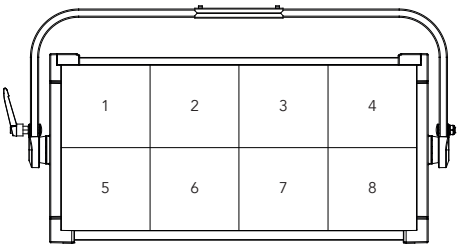
2H Pixel



4V Pixel



4H Pixel



8 Pixel

PIXEL

1	2V	2H	4H	4V	8	FUNCTION	DMX Value	Default
1	1	1	1	1	1	**DIMMER** 0÷100%	000 ÷ 255	000
2	2	2	2	2	2	**STROBE** Closed Strobe slow to fast Open Random slow to fast Open	000 ÷ 030 031 ÷ 100 101 ÷ 130 131 ÷ 200 201 ÷ 255	255
3	3	3	3	3	3	**DIMMER FADE** Read from menu 0÷100%	000 ÷ 000 001 ÷ 255	000
4						**RED** 0÷100%	000 ÷ 255	255
5						**GREEN** 0÷100%	000 ÷ 255	255
6						**BLUE** 0÷100%	000 ÷ 255	255
7						**WHITE** 0÷100%	000 ÷ 255	255
	4	4	4	4	4	**RED1** 0÷100%	000 ÷ 255	255
	5	5	5	5	5	**GREEN1** 0÷100%	000 ÷ 255	255
	6	6	6	6	6	**BLUE1** 0÷100%	000 ÷ 255	255
	7	7	7	7	7	**WHITE1** 0÷100%	000 - 255	255
	8	8	8	8	8	**RED2** 0÷100%	000 ÷ 255	255
	9	9	9	9	9	**GREEN2** 0÷100%	000 ÷ 255	255
	10	10	10	10	10	**BLUE2** 0÷100%	000 ÷ 255	255
	11	11	11	11	11	**WHITE2** 0÷100%	000 - 255	255
			12	12	12	**RED3** 0÷100%	000 ÷ 255	255
			13	13	13	**GREEN3** 0÷100%	000 ÷ 255	255
			14	14	14	**BLUE3** 0÷100%	000 ÷ 255	255

			15	15	15	**WHITE3** 0÷100%	000 ÷ 255	255
			16	16	16	**RED4** 0÷100%	000 ÷ 255	255
			17	17	17	**GREEN4** 0÷100%	000 ÷ 255	255
			18	18	18	**BLUE4** 0÷100%	000 ÷ 255	255
			19	19	19	**WHITE4** 0÷100%	000 ÷ 255	255
					20	**RED5** 0÷100%	000 ÷ 255	255
					21	**GREEN5** 0÷100%	000 ÷ 255	255
					22	**BLUE5** 0÷100%	000 ÷ 255	255
					23	**WHITE5** 0÷100%	000 ÷ 255	255
					24	**RED6** 0÷100%	000 ÷ 255	255
					25	**GREEN6** 0÷100%	000 ÷ 255	255
					26	**BLUE6** 0÷100%	000 ÷ 255	255
					27	**WHITE6** 0÷100%	000 ÷ 255	255
					28	**RED7** 0÷100%	000 ÷ 255	255
					29	**GREEN7** 0÷100%	000 ÷ 255	255
					30	**BLUE7** 0÷100%	000 ÷ 255	255
					31	**WHITE7** 0÷100%	000 ÷ 255	255
					32	**RED8** 0÷100%	000 ÷ 255	255
					33	**GREEN6** 0÷100%	000 ÷ 255	255
					34	**BLUE6** 0÷100%	000 ÷ 255	255
					35	**WHITE6** 0÷100%	000 ÷ 255	255