



OPERATING MODES

The fixture has 2 different operating modes: Basic RGBW, Basic RGBW 16bit.

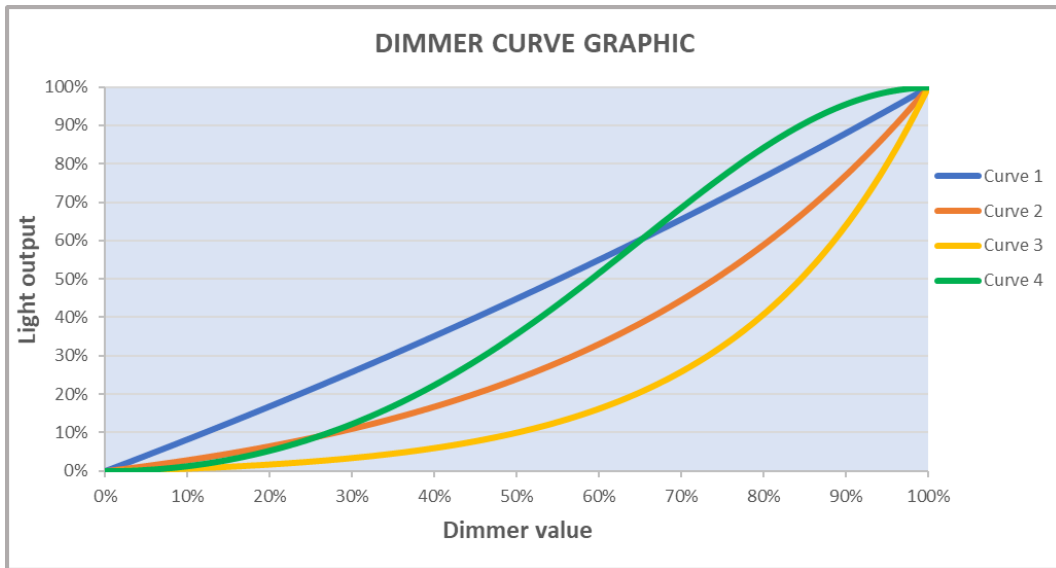
<i>DMX Modes</i>	<i>Parameter</i>	<i>Colour Control</i>
Basic RGBW	12	RGBW 8bit
Basic RGBW - 16bit	16	RGBW 16bit

DMX PROTOCOL

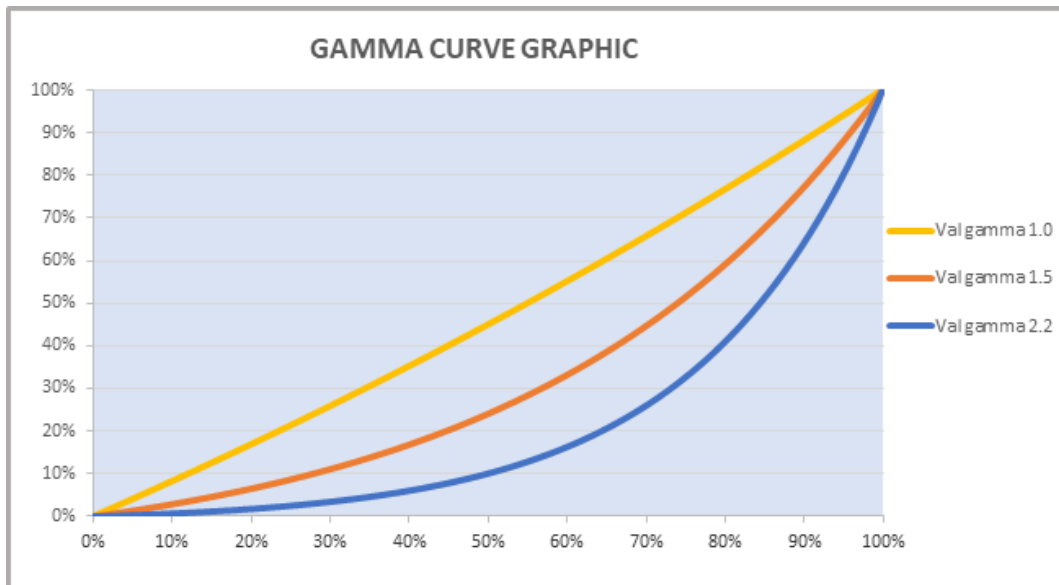
<i>DMX Parameter number</i>	<i>RGBW Mode</i>	<i>RGBW 16bit Mode</i>
1	Red	Red
2	Green	Red fine
3	Blue	Green
4	White	Green fine
5	CTO	Blue
6	Macro Colour	Blue fine
7	Strobe effect	White
8	Dimmer	White fine
9	Dimmer fine	CTO
10	Zoom	Macro Colour
11	Function	Strobe effect
12	Reset	Dimmer
13	-	Dimmer fine
14	-	Zoom
15	-	Function
16	-	Reset

<i>RGBW</i>	<i>RGBW 16bit</i>	<i>Bit Value</i>	<i>Function</i>
1	1	000 - 255	RED Linear 0-100%
-	2	000 - 255	RED FINE (16 Bit)
2	3	000 - 255	GREEN Linear 0-100%
-	4	000 - 255	GREEN FINE (16 Bit)
3	5	000 - 255	BLUE Linear 0-100%
-	6	000 - 255	BLUE FINE (16 bit)
4	7	000 - 255	WHITE Linear 0-100%
-	8	000 - 255	WHITE FINE (16 bit)
5	9		CTO
			Colour Temperature linear correction from 6500K to 2500K Important: The CTO parameter has priority on the colour functions.
		000 - 009	Unused range
		010 - 255	6500K – 2500K
6	10		MACRO COLOR
		000 - 255	See the chart at page 6 for colours details
			Important: The Macro Colour parameter has priority on the colour functions.
7	11		STROBE EFFECT
		000 - 003	Closed
		004 - 103	Strobe effect from low (1Hz) to fast (25Hz)
		104 - 107	Open
		108 - 207	Linearly pulsation from slow (0.5 Hz) to fast (25 Hz)
		208 - 212	Open
		213 - 225	Random Slow Strobe effect
		226 - 238	Random Medium Strobe effect
		239 - 251	Random Fast Strobe effect
252 - 255	Open		

RGBW	RGBW 16bit	Bit Value	Function	
8	12		DIMMER	
		000 - 255	Linear 0 – 100%	
9	13	000 - 255	DIMMER FINE (16 bit)	
10	14		ZOOM	
		000 - 255	Linear from narrow 000 to wide 255	
11	15		FUNCTION Important: The settings are activated and saved holding the DMX level for three seconds.	
11	15	000 - 001	Unused range	
		002 - 006	Fanless	
		007 - 011	SLN	
		012 - 015	Theather	
		016 - 020	Boost (Default)	
		021 - 025	RnR	
		026 - 042	Dimmer curve 1 (Default)	Details at page 5
		043 - 047	Dimmer curve 2	
		048 - 052	Dimmer curve 3	
		053 - 055	Dimmer curve 4	
		056 - 057	Dimmer curve 5	
		058 - 062	Raw color channels gamma 1	Details at page 5
		063 - 067	Raw color channels gamma 1.5	
		068 - 072	Raw color channels gamma 2.2 (Default)	
		073 - 077	Colour calibration Off (Default)	
		078 - 082	Colour calibration adjustment	
		083 - 167	Not used	
		168 - 188	PWM frequency=600Hz	
		189 - 199	PWM frequency=1200Hz	
		200 - 210	PWM frequency=2000Hz (Default)	
		211 - 221	PWM frequency=4000Hz	
		222 - 232	PWM frequency=6000Hz	
		233 - 243	PWM frequency=25000Hz	
244 - 248	Display OFF (Default)			
249 - 253	Display ON			
254 - 255	Default function recall			
12	16		RESET	
		000 - 025	Unused range	
		026 - 076	Zoom reset: The reset sequence is activated passing through the unused levels range and staying in this range for 5 seconds	
		077 - 255	Not used	



IMPORTANT NOTE: Dimmer Curve 5 has all the Leds synchronized, for balanced behavior in white.



Bit value	LEE Filter reference	Function	Bit value	LEE Filter reference	Function
000 - 009	--	Macro Color OFF	126	116	Med Blu Green
010	--	Red	127	117	Steel Blue
011	--	Green	128	118	Light Blue
012	--	Blue	129 - 130	119	Dark Blue
013	--	Cyan	131 - 133	121	Leaf Green
014	--	Yellow	134 - 135	124	Dark Green
015	--	Magenta	136 - 137	126	Mauve
016	--	White 7000K	138 - 141	128	Bright Pink
017	--	White 3700K	142 - 144	132	Medium Blue
018	--	White 5000K	145	135	Deep Golden Amber
019	--	Black	146	136	Pale Lavender
020 - 022	10	Medium Yellow	147 - 148	137	Special Lavender
023 - 026	13	Straw Tint	149 - 150	139	Primary Green
027 - 028	17	Surprise Peach	151 - 156	141	Bright Blue
029	19	Fire	157 - 161	147	Apricot
030	20	Medium Amber	162 - 167	152	Pale Gold
031	21	Gold Amber	168 - 171	158	Deep Orange
032 - 034	22	Dark Amber	172 - 173	162	Bastard Amber
035 - 044	25	Sunrise Red	174	164	Flame Red
045	35	Light Pink	175 - 178	165	Daylight Blue
046 - 048	36	Medium Pink	179	169	Lilac Tint
049 - 061	39	Pink Carnation	180 - 183	170	Deep Lavender
062 - 067	52	Light Lavender	184 - 190	174	Dark Steel Blue
068 - 077	58	Lavender	191 - 206	181	Congo Blue
078 - 088	68	Sky Blue	207	197	Alice Blue
089 - 099	79	Just Blue	208	--	Dirty White
100 - 109	90	Dark Yellow Green	209 - 255	--	White
110 - 111	100	Spring Yellow			
112	102	Light Amber			
113	103	Straw			
114	104	Deep amber			
115 - 116	105	Orange			
117	107	Light Rose			
118	108	English Rose			
119	109	Light Salmon			
120	110	Middle Rose			
121 - 122	111	Dark Pink			
123 - 124	113	Magenta			
125	115	Peacock Blue			