



## **OPERATING MODES**

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

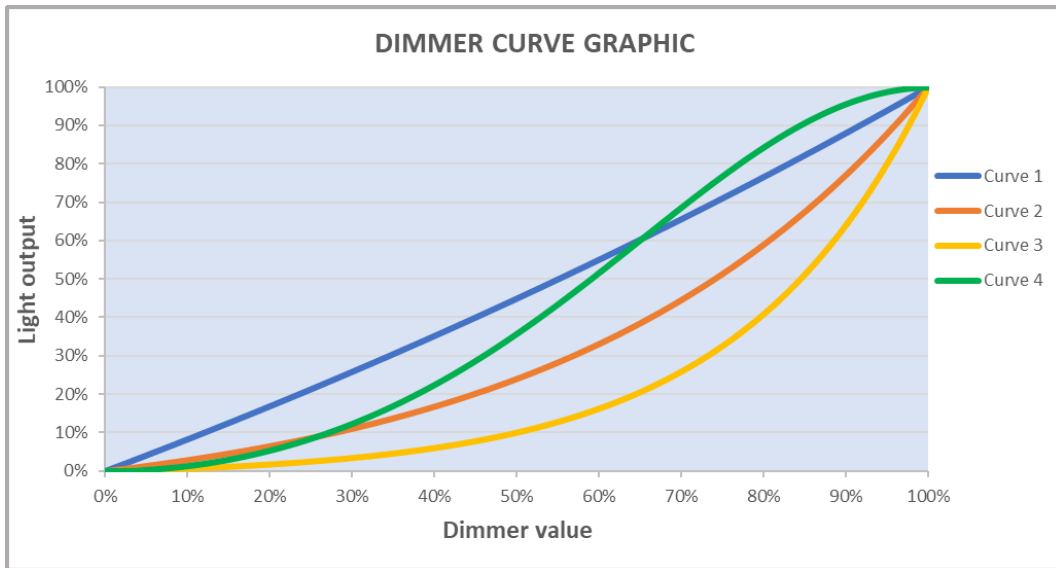
<b><i>DMX Modes</i></b>	<b><i>Parameter</i></b>	<b><i>Colour Control</i></b>
Basic RGBW	12	RGBW 8bit
Basic RGBW - 16bit	16	RGBW 16bit

## DMX LIST

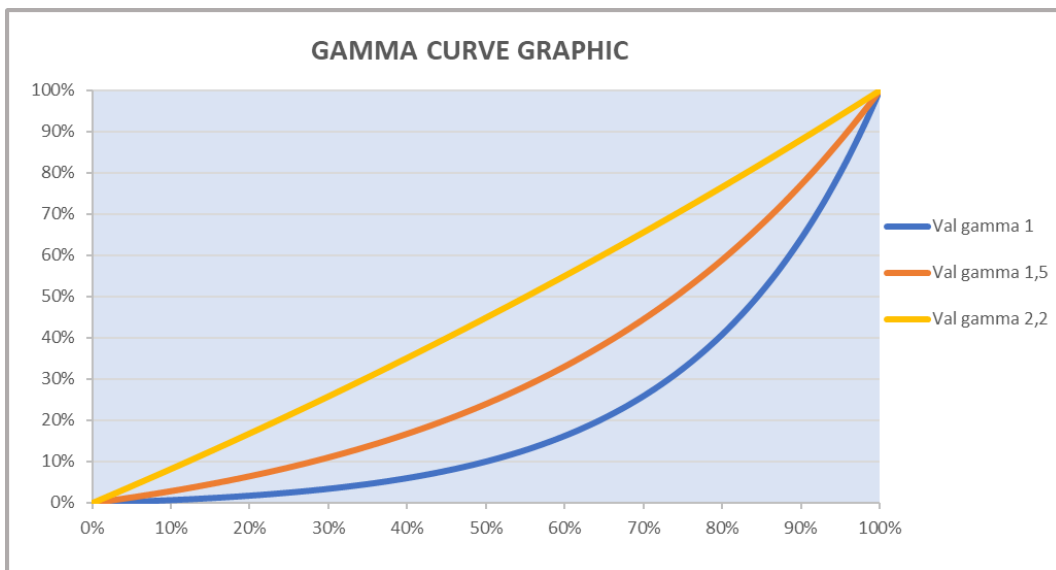
<i>DMX Parameter number</i>	<i>RGBW Mode</i>	<i>RGBW 16bit Mode</i>
<b>1</b>	Red	Red
<b>2</b>	Green	Red fine
<b>3</b>	Blue	Green
<b>4</b>	White	Green fine
<b>5</b>	CTO	Blue
<b>6</b>	Macro Colour	Blue fine
<b>7</b>	Strobe effect	White
<b>8</b>	Dimmer	White fine
<b>9</b>	Dimmer fine	CTO
<b>10</b>	Zoom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

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

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