



## **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

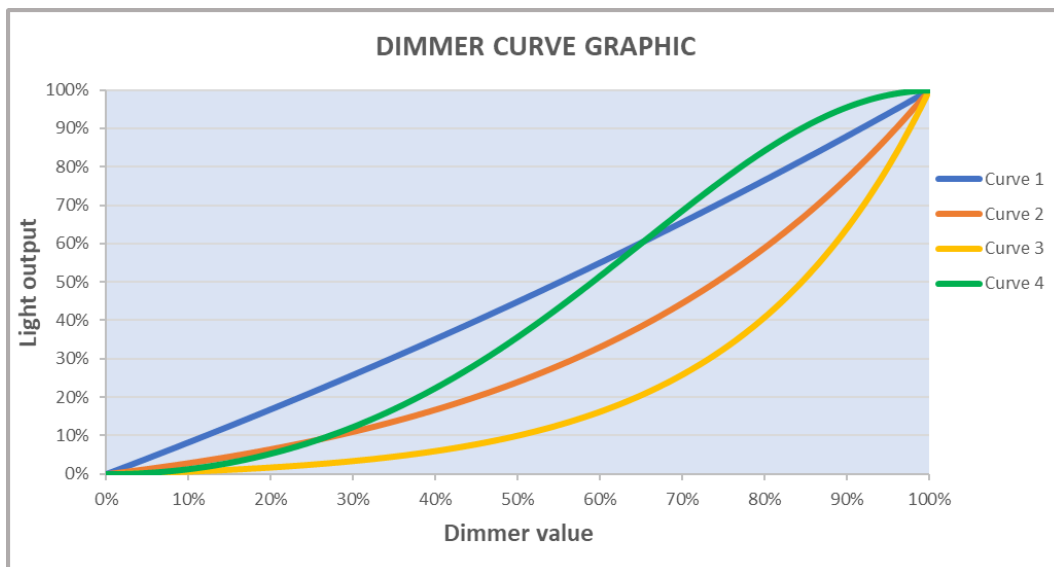
<b>DMX Parameter number</b>	<b>RGBW Mode</b>	<b>RGBW 16bit Mode</b>
<b>1</b>	Red	Red
<b>2</b>	Green	Red fine
<b>3</b>	Blue	Green
<b>4</b>	White	Green fine
<b>5</b>	CTO	Blue
<b>6</b>	Macro Colour	Blue fine
<b>7</b>	Strobe effect	White
<b>8</b>	Dimmer	White fine
<b>9</b>	Dimmer fine	CTO
<b>10</b>	Zoom	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>		<b>CTO</b> Colour Temperature linear correction from 6500K to 2500K  <b>Important:</b> The CTO parameter has priority on the colour functions.
		000 - 009 010 255	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.

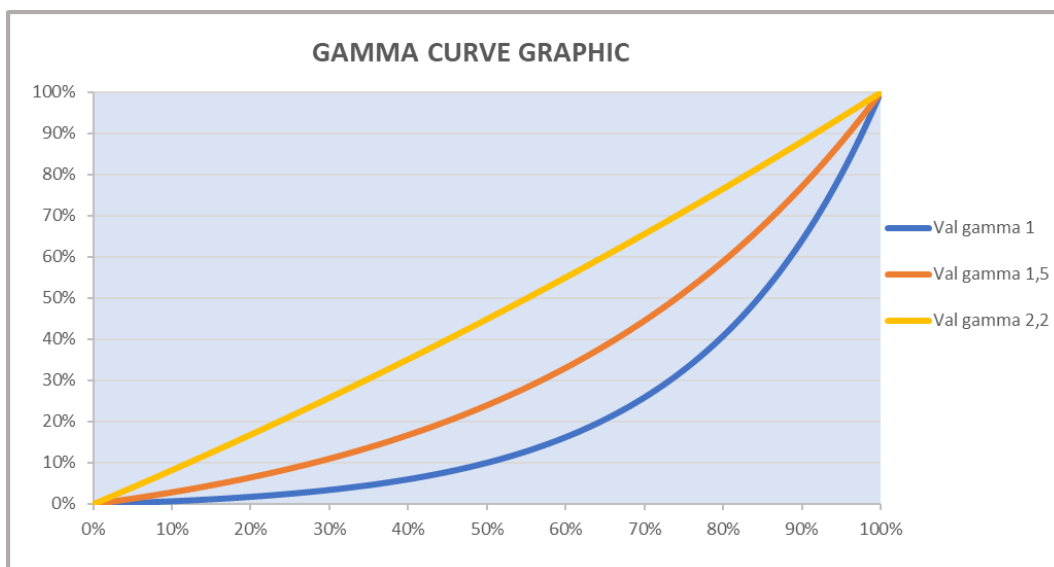
# Actoris ParLED DMX chart

RGBW	RGBW 16bit	Bit Value	Function	
7	11	000 - 003	<b>STROBE EFFECT</b> 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	
		8	12	000 - 255
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 setting are activated and saved holding the DMX level for three seconds.	
		000 - 011	Unused range	
		012 - 017 018 - 024 025 - 031 032 - 037	Silent Fanless Theather <u>Boost</u> RnR	Fan mode settings
		038 - 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	

RGBW	RGBW 16bit	BIT Value	Function
12	16		RESET
		000 - 025	Unused range
		026 - 076	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			