



OPERATING MODES

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

IMPORTANT NOTE: Please note that since the firmware version V5.1 of Actoris ParLED has been introduced the new parameter Color CrossFade so the DMX mapping is changed to 13 or 17 channels. (Before were 12 & 16).

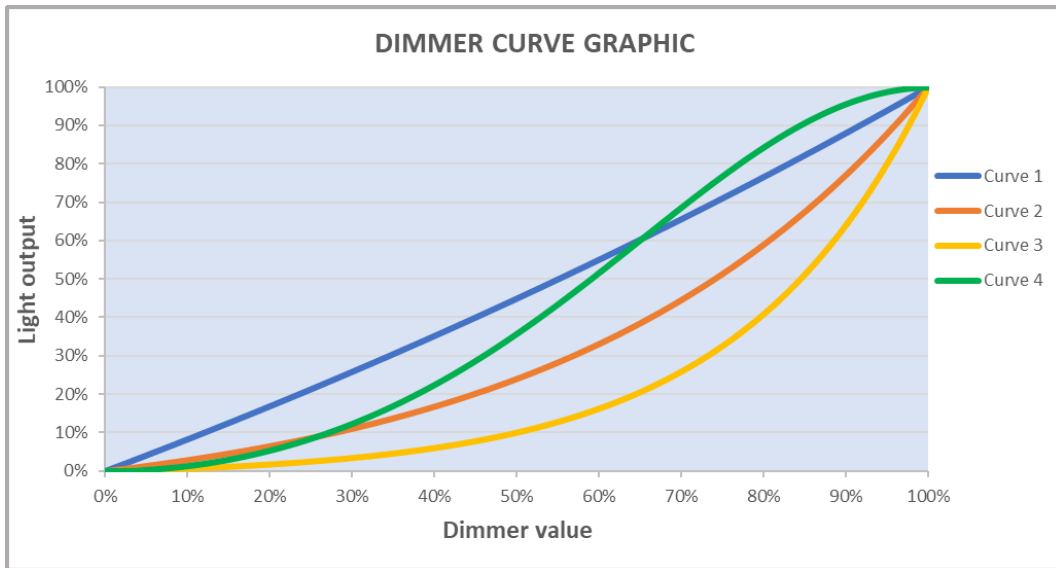
<i>DMX Modes</i>	<i>Parameter</i>	<i>Colour Control</i>
Basic RGBW	13	RGBW 8bit
Basic RGBW - 16bit	17	RGBW 16bit

DMX PROTOCOL

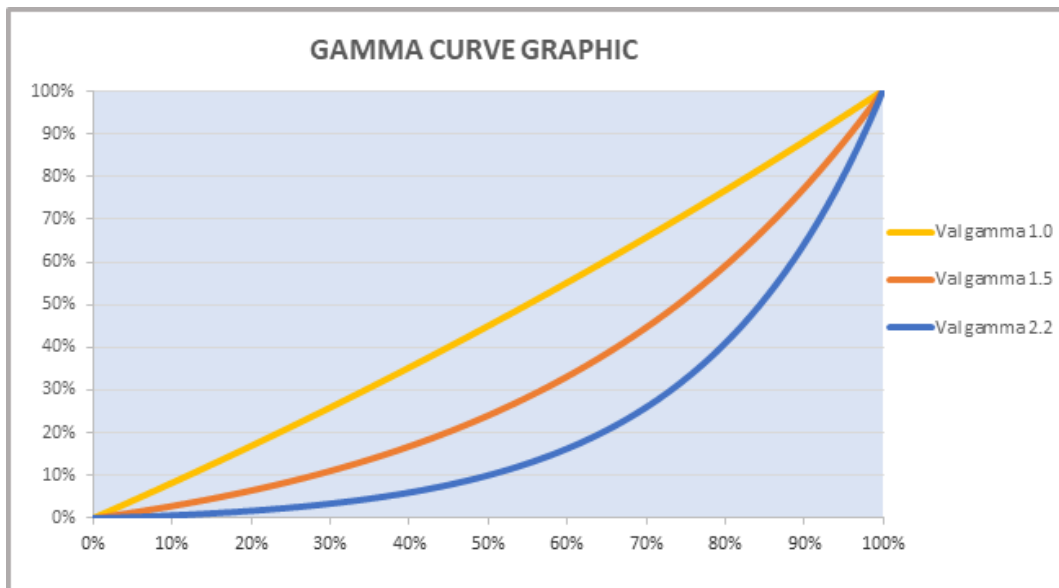
<i>DMX Parameter number</i>	<i>RGBW Mode</i>	<i>RGBW 16bit Mode</i>
1	Red	Red
2	Green	Red fine
3	Blue	Green
4	White	Green fine
5	CTO	Blue
6	Macro Colour	Blue fine
7	Strobe effect	White
8	Dimmer	White fine
9	Dimmer fine	CTO
10	Zoom	Macro Colour
11	Color Crossfade	Strobe effect
12	Function	Dimmer
13	Reset	Dimmer fine
14	-	Zoom
15	-	Color Crossfade
16	-	Function
17	-	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 Note: 8000K – 2500K range for Actoris ParLED RGBW version. Important: The CTO parameter has priority on the colour functions.
		000 - 009	Unused range
		010 - 255	6500K – 2500K (8000K – 2500K for RGBW version)
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		
8	12		DIMMER
		000 - 255	Linear 0 – 100%

RGBW	RGBW 16bit	Bit Value	Function	
9	13	000 - 255	DIMMER FINE (16 bit)	
10	14		ZOOM	
		000 - 255	Linear from narrow 0 to wide 255	
11	15	000 - 255	COLOR CROSSFADE Color cross fade speed control from Fast to Slow.	
12	16		FUNCTION Important: The settings are activated and saved holding the DMX level for three seconds.	
		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 - 087	Colour crossfade mode (Default)	
		088 - 092	CTO mode	
		093 - 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			
13	17		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			