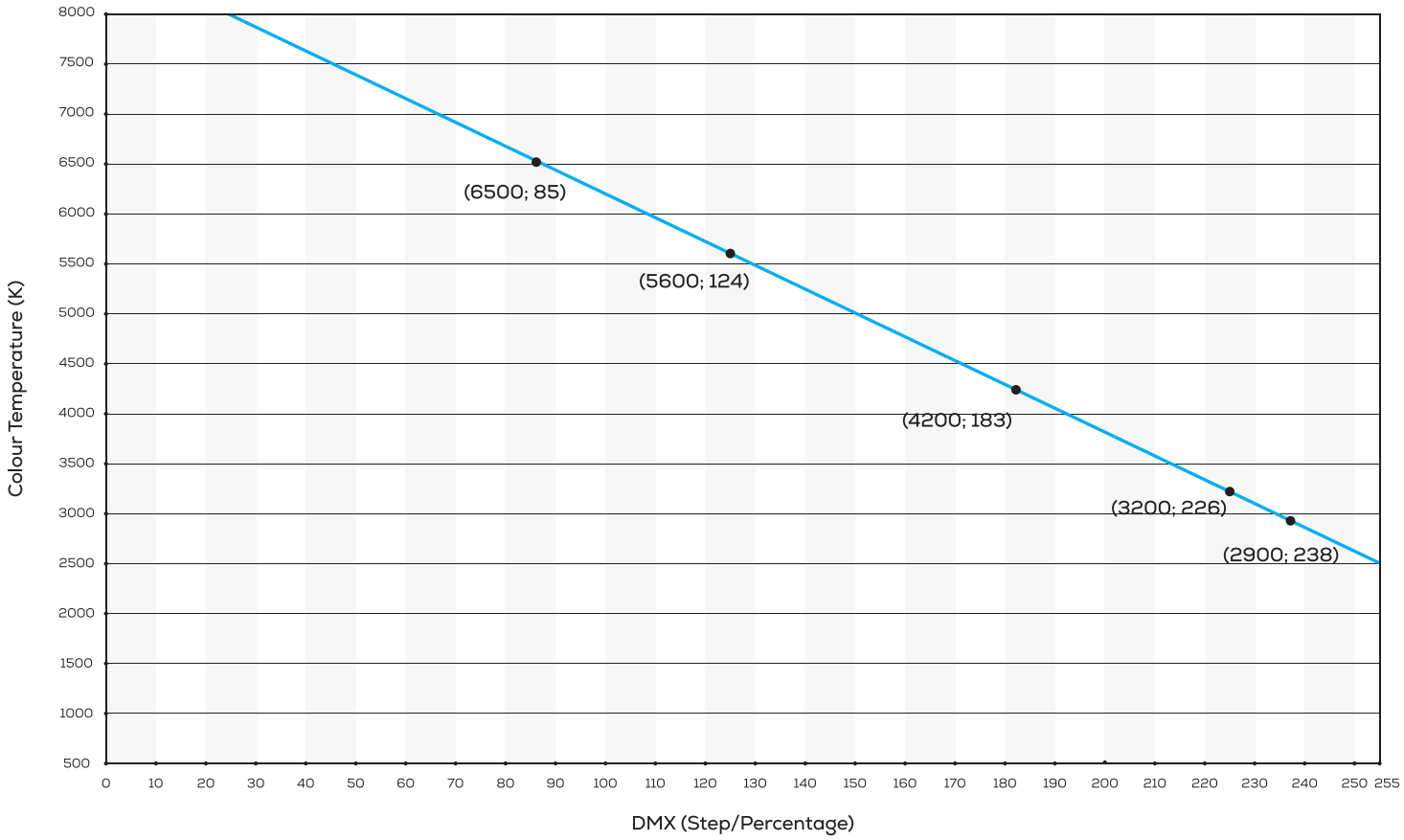
DMX CHANNEL'S FUNCTIONS AND THEIR VALUES (35 DMX CHANNELS) - V103

Mode/ Channel	Function		Value	Default Value
Ex				
1	**PAN Movement 8bit**		0-255	128
2	**Pan Fine 16bit**		0-255	0
3	**TILT Movement 8bit**		0-255	128
4	**Tilt Fine 16bit**		0-255	0
5	**Pan Motor Continuous Rotation**	Stop rotation by spinout	0-63	0
		Stop rotation by shortcut	64-127	
		Forwards Pan rotation from fast to slow	128-189	
		No rotation	190-193	
		Backwards Pan rotation from slow to fast	194-255	
6	**Tilt Motor Continuous Rotation**	Stop rotation by spinout	0-63	0
		Stop rotation by shortcut	64-127	
		Forwards Tilt rotation from fast to slow	128-189	
		No rotation	190-193	
		Backwards Tilt rotation from slow to fast	194-255	
7	**Tint Channel** (Plus Minus Green)	No Function	0	127
		From min minus green to 0	1-125	
		0 correction	126-130	
		From 0 to plus max green	131-255	
8	**Red LED-all arrays / Background colour when Chase ON**: Red (0-Black , 255-100% Red)		0-255	255
9	**Red fine LED-all arrays / Background colour when Chase ON**: Red fine (0-Black , 255-100% Red)		0-255	255
10	**Green LED-all arrays / Background colour when Chase ON**: Green (0-Black , 255-100% Green)		0-255	255
11	**Green fine LED-all arrays / Background colour when Chase ON**: Green fine (0-Black , 255-100% Green)		0-255	255
12	**Blue LED-all arrays / Background colour when Chase ON**: Blue (0-Black , 255-100% Blue)		0-255	255
13	**Blue fine LED-all arrays / Background colour when Chase ON**: Blue fine (0-Black , 255-100% Blue)		0-255	255
14	**Lime LED-all arrays / Background colour when Chase ON**: Lime (0-Black , 255-100% Lime)		0-255	255
15	**Lime fine LED-all arrays / Background colour when Chase ON**: Lime fine (0-Black , 255-100% Lime)		0-255	255
16	**Shutter, strobe**	LED turn off	0-31	32
		LED turn on	32-63	
		Strobe effect slow to fast	64-95	
		LED turn on	96-127	
		Pulse-effect in sequences	128-159	
		LED turn on	160-191	
		Random strobe effect slow to fast	192-223	
		LED turn on	224-255	
17	**Dimmer intensity**: Intensity 0 to 100%		0-255	0
18	**Dimmer fine intensity**: Intensity fine 0 to 100%		0-255	0

Mode/ Channel	Function		Value	Default Value
19	**CTC Channel***	RGB-L (RAW Mode)	0-9	0
		RGB (6500K)	10-21	
		RGB (8000K to 2500)	22-255	
20	**Zoom Adjustment**		0-255	128
21	**Zoom Fine**		0-255	0
22	**Reset, Internal Programs**	unused	0-4	0
		Display Off	5-9	
		Display On	10-14	
		Display Invert Off	15-19	
		Display Invert On	20-24	
		Auto fan control mode	25-26	
		Stage fan control mode	27-28	
		Silence fan control mode	29-30	
		Super Silence fan control mode	31-32	
		Constant Fans Off	33-34	
		Constant Fans On	35-36	
		unused	37-44	
		Square Law	45-49	
		Linear	50-54	
		1.2K	55-57	
		2.4K	58-60	
		16K	61-63	
		25K	64-69	
		Pan Degree 540°	70-72	
		Pan Degree 630°	73-75	
		Pan Degree 360SC	76-78	
		Tilt Degree 540°	79-81	
		Tilt Degree 270°	82-84	
		Tilt Degree 360SC	85-87	
		All motor reset	88-90	
		P/T motor reset	91-93	
		Zoom motor reset	94-96	
		Tungsten lamp simulation 500W	97-99	
		Tungsten lamp simulation 1000W	100-102	
		Tungsten lamp simulation 2500W	103-105	
		Tungsten lamp simulation 5000W	106-107	
		Tungsten lamp simulation off	108-109	
		Reserved	110-150	
		Feedback off	151-153	
		Feedback on	154-156	
23	**Liquid Effect Dimmer intensity**: Intensity 0 to 100%		0-255	0
24	**Liquid Effect Dimmer intensity fine**		0-255	0

Mode/ Channel	Function		Value	Default Value
25	**Liquid Effect Red Colour**: Red (0-Black , 255-100% Red)		0-255	255
26	**Liquid Effect Green colour**: Green (0-Black , 255-100% Green)		0-255	255
27	**Liquid Effect Blue colour**: Blue (0-Black , 255-100% Blue)		0-255	255
28	**Liquid background effect Dimmer intensity**: Intensity 0 to 100%		0-255	0
29	**Liquid background effect Red colour**: Red (0-Black , 255-100% Red)		0-255	255
30	**Liquid background Effect Green colour**: Green (0-Black , 255-100% Green)		0-255	255
31	**Liquid background Effect Blue colour** : Blue (0-Black , 255-100% Blue)		0-255	255
32	**Liquid Effect Chase Patterns**	Off	0-9	0
		Effect 1	10	
		...	...	
		Effect 245	255	
33	**Liquid Effect Chase Speed**	Fast to Slow Backward	0-125	0
		Stop (Speed=0)	126-130	
		Slow to Fast Forward	131-255	
34	**Liquid Effect Size**: Size from small to big		0-255	128
35	**Liquid Effect control**	React to Liquid effect Chase (turn on liquid effects)	0-9	0
		React to ARTNET OR SACN	10-19	
		Reserved	20-255	

*CTC Channel:



Errors and omissions for all information given in this DMX chart are possible. All information is subject to change without prior notice.



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