

DMX protocol

Robin Tarrantula - DMX protocol								
Version: 1.5 Mode 1 -Wash, Mode 2 -Pattern, Mode 3 -Pixel RGB, Mode 4 -Pixel RGBW, Mode 5 -Pattern full RGB, Mode 6 -Pattern full RGBW								
Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
1	1	1	1	1	1		Pan (8 bit)	
						0 - 255	Pan movement by 540° (128=default)	proportional
2	2	2	2	2	2		Pan Fine (16 bit)	
						0 - 255	Fine control of pan movement (0=default)	proportional
3	3	3	3	3	3		Tilt (8 bit)	
						0 - 255	Tilt movement by 220° (128=default)	proportional
4	4	4	4	4	4		Tilt fine (16 bit)	
						0 - 255	Fine control of tilt movement (0=default)	proportional
5	5	5	5	5	5		Pan/Tilt speed , Pan/Tilt time	
						0	Standard mode (0=default)	step
						1	Max. Speed Mode	step
							Pan/Tilt speed mode	
						2 - 255	Speed from max. to min.	proportional
							Pan/Tilt time mode	
						2 - 255	Time from 0.2 s to 25.5 sec.	proportional
6	6	6	6	6	6		Power/Special functions	
						0 - 9	Reserved (0=default) <i>To activate following functions, stop in DMX value for at least 3 s and shutter must be closed at least 3 sec. („Master Shutter/Strobe“ channel 27/46/33/33/46/46 must be at range: 0-31 DMX). Corresponding menu items are temporarily overridden (unless otherwise stated)</i>	
						10-14	DMX input: Wired DMX	step
						15-19	DMX input: Wireless DMX *	step
							* function is active only 10 seconds after switching the fixture on	
						20-24	Graphic display On	step
						25-29	Graphic display Off	step
						30-34	RGBW colour mixing mode	step
						35-39	CMY colour mixing mode	step
						40-44	Pan/Tilt speed mode	step
						45-49	Pan/Tilt time mode	step
						50-54	Blackout while pan/tilt moving	step
						55-59	Disabled blackout while pan/tilt moving	step
						60-64	Dimmer curve-square law	step
						65-69	Dimmer curve-linear	step
						70-74	Fans mode: Auto	step
						75-79	Fans mode: High	step
						80-109	Reserved	
						110-114	Kling-Net On	step
						115-119	Kling-Net Off	step
						120-124	Parking position On	step
						125-129	Parking position Off	step
							<i>To activate following functions, stop in DMX value for at least 3 seconds (except Pixel index and Pixel mirror).</i>	
						130 - 139	Fixture reset (except pan/tilt)	
						140 - 149	Pan/Tilt reset	step

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Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
						150 - 159	Zoom reset/Beam Shaper reset (if it is installed in the fixture)	step
						160 - 169	Flower effect reset	step
						170-171	Tungsten effect simulation (750W) On **	step
						172-173	Tungsten effect simulation (1000W) On **	step
						174-175	Tungsten effect simulation (1200W) On **	step
						176-177	Tungsten effect simulation (2000W) On **	step
						178-179	Tungsten effect simulation (2500W) On **	step
						180-181	Tungsten effect simulation Off	step
						182 - 199	Reserved	
						200 - 209	Total fixture reset	step
						210 - 227	Pixel index	proportional
						228 - 229	Pixel mirror On	step
						230 - 231	Pixel mirror Off	step
						232-236	Reserved	
						237	Save Pixel index and mirror to fixture	step
						238 - 255	Reserved	
7	7	7	7	7	7		Background - Virtual colour wheel	
						0	No function (0=default)	step
						1-2	Filter 4 (Medium Bastard Amber)	step
						3-4	Filter 25 (Sunset Red)	step
						5-6	Filter 19 (Fire)	step
						7-8	Filter 26 (Bright Red)	step
						9-10	Filter 58 (Lavender)	step
						11-12	Filter 68 (Sky Blue)	step
						13-14	Filter 36 (Medium Pink)	step
						15-16	Filter 89 (Moss Green)	step
						17-18	Filter 88 (Lime Green)	step
						19-20	Filter 90 (Dark Yellow Green)	step
						21-22	Filter 49 (Medium Purple)	step
						23-24	Filter 52 (Light Lavender)	step
						25-26	Filter 102 (Light Amber)	step
						27-28	Filter 103 (Straw)	step
						29-30	Filter 140 (Summer Blue)	step
						31-32	Filter 124 (Dark Green)	step
						33-34	Filter 106 (Primary Red)	step
						35-36	Filter 111 (Dark Pink)	step
						37-38	Filter 115 (Peacock Blue)	step
						39-40	Filter 126 (Mauve)	step
						41-42	Filter 117 (Steel Blue)	step
						43-44	Filter 118 (Light Blue)	step
						45-46	Filter 122 (Fern Green)	step
						47-48	Filter 182 (Light Red)	step
						49-50	Filter 121 (Filter Green)	step
						51-52	Filter 128 (Bright Pink)	step
						53-54	Filter 131 (Marine Blue)	step
						55-56	Filter 132 (Medium Blue)	step
						57-58	Filter 134 (Golden Amber)	step
						59-60	Filter 135 (Deep Golden Amber)	step

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Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
						61-62	Filter 136 (Pale Lavender)	step
						63-64	Filter 137 (Special Lavender)	step
						65-66	Filter 138 (Pale Green)	step
						67-68	Filter 798 (Chrysalis Pink)	step
						69-70	Filter 141 (Bright Blue)	step
						71-72	Filter 147 (Apricot)	step
						73-74	Filter 148 (Bright Rose)	step
						75-76	Filter 152 (Pale Gold)	step
						77-78	Filter 154 (Pale Rose)	step
						79-80	Filter 157 (Pink)	step
						81-82	Filter 143 (Pale Navy Blue)	step
						83-84	Filter 162 (Bastard Amber)	step
						85-86	Filter 164 (Flame Red)	step
						87-88	Filter 165 (Daylight Blue)	step
						89-90	Filter 169 (Lilac Tint)	step
						91-92	Filter 170 (Deep Lavender)	step
						93-94	Filter 172 (Lagoon Blue)	step
						95-96	Filter 194 (Surprise Pink)	step
						97-98	Filter 180 (Dark Lavender)	step
						99-100	Filter 181 (Congo Blue)	step
						101-102	Filter 197 (Alice Blue)	step
						103-104	Filter 201 (Full C.T. Blue)	step
						105-106	Filter 202 (Half C.T. Blue)	step
						107-108	Filter 203 (Quarter C.T. Blue)	step
						109-110	Filter 204 (Full C.T. Orange)	step
						111-112	Filter 219 (Fluorescent Green)	step
						113-114	Filter 206 (Quarter C.T. Orange)	step
						115-116	Filter 247 (Filter Minus Green)	step
						117-118	Filter 248 (Half Minus Green)	step
						119-120	Filter 281 (Three Quarter C.T. Blue)	step
						121-122	Filter 285 (Three Quarter C.T. Orange)	step
						123-124	Filter 352 (Glacier Blue)	step
						125-126	Filter 353 (Lighter Blue)	step
						127-128	Filter 507 (Madge)	step
						129-130	Filter 778 (Millennium Gold)	step
						131-132	Filter 793 (Vanity Fair)	step
						133-235	Raw DMX	proportional
						236-245	Rainbow effect (with fade time) from slow-> fast	proportional
						246-255	Rainbow effect (without fade time) from slow-> fast	proportional
8	8	8	8	8	8		Background - Red/Cyan (8 bit)***	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
*	9	9	9	9	9		Background - Red/Cyan (16bit)***	
						0 - 255	Colour saturation control - fine (255=default)	proportional
9	10	10	10	10	10		Background - Green/Magenta (8 bit)***	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
*	11	11	11	11	11		Background - Green/Magenta (16bit) ***	
						0 - 255	Colour saturation control - fine (255=default)	proportional
10	12	12	12	12	12		Background - Blue/Yellow (8 bit)***	

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1	2	3	4	5	6			
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
*	13	13	13	13	13		Background - Blue/ Yellow (16bit)***	
						0 - 255	Colour saturation control - fine (255=default)	proportional
11	14	14	14	14	14		Background - White (8 bit) - all pixels	
							<i>If RGBW mode is selected:</i>	
						0-255	Colour saturation control - coarse 0-100% (255=default)	proportional
							<i>If CMY mode is selected:</i>	
						0 - 255	No function	
*	15	15	15	15	15		Background - White (16 bit) - all pixels	
						0 - 255	Colour saturation control - fine (255=default)	proportional
12	16	16	16	16	16		Background - CTC	
						0-255	Col. temperature correction from 8000K to 2700K -for whites only (0=8000K, 64=5600K, 128=4200K, 192=3200K, 255=2700K) To get colour temperatures stated above, RGBW channels have to be set at the same value (e.g. 255DMX) or RGB=0 and White channel > 0 DMX (0=default) (To activate Tungsten effect at 2700K and 3200K , set DMX value at "Power/Special functions" channel)	proportional
13	17	17	17	17	17		Background - Shutter/ strobe	
						0 - 31	Shutter closed	step
						32 - 63	Shutter open (32=default)	step
						64 - 95	Strobe effect from slow to fast	proportional
						96 - 127	Shutter open	step
						128 - 143	Opening pulse in sequences from slow to fast	proportional
						144 - 159	Closing pulse in sequences from fast to slow	proportional
						160 - 191	Shutter open	step
						192 - 223	Random strobe effect from slow to fast	proportional
						224 - 255	Shutter open	step
14	18	18	18	18	18		Background - Dimmer intensity (8 bit)	
						0 - 255	Dimmer intensity from 0% to 100% (255=default)	proportional
*	19	19	19	19	19		Background Dimmer intensity - fine (16 bit)	
						0 - 255	Fine dimming (255=default)	proportional
15	20	20	20	20	20		Background - Active zone	
						0-2	All pixels (0=default)	
						3-4	Ring 1 (Middle pixel)	step
						5-6	Ring 2	step
						7-8	Ring 3	step
						9-10	Ring 4	step
						11-12	Ring 1+ Ring 2	step
						13-14	Ring 1+ Ring 3	step
						15-16	Ring 1 + Ring 4	step
						17-18	Ring 2 + ring 3	step
						19-20	Ring 2 + ring 4	step
						21-22	Ring 3 + Ring 4	step
						23-24	Ring 1 + Ring 3+Ring 4	step
						25-26	Ring 1 + Ring 2 + Ring 4	step
						27-28	Ring 1+Ring 2+Ring 3	step
						29-30	Sector 1	step
						31-32	Sector 2	step

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Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
						33-34	Sector 3	step
						35-36	Sector 4	step
						37-38	Sector 5	step
						39-40	Sector 6	step
						41-42	Sector 1+4	step
						43-44	Sector 1+4+ Ring 1	step
						45-46	Sector 2+5	step
						47-48	Sector 2+5+ Ring 1	step
						49-50	Sector 3+6	step
						51-52	Sector 3+6+Ring 1	step
						53-54	Sector 1+3+5	step
						55-56	Sector 1+3+5+Ring 1	step
						57-58	Sector 2+4+6	step
						59-60	Sector 2+4+6+Ring 1	step
						61-62	Sector 1+2+3	step
						63-64	Sector 2+3+4	step
						65-66	Sector 3+4+5	step
						67-68	Sector 4+5+6	step
						69-70	Sector 5+6+1	step
						71-72	Sector 6+1+2	step
						73-255	Raw DMX	proportional
16	21	21	21	21	21		Colour Mix control	
							<i>The channel defines relation between color channels</i>	
							<i>IF Flower effect is active, its colour channels always have priority!</i>	
							<i>Global = Global Colours (Background RGBW, Background Virtual Colour Wheel, Background CTC)</i>	
							<i>Pixel = Pixel Colours (RGB individual pixels or Kling-Net)</i>	
						0-9	Global colours (Global has priority)	
						10-19	Maximum mode (highest values have priority)	step
						20-29	Minimum mode (lowest values have priority)	step
						30-39	Multiply mode (multiply Global and Pixel)	step
						40-49	Addition mode (Global + Pixel) (45=default)	step
						50-59	Subtraction mode (Global – Pixel)	step
						60-69	Inverted Subtraction mode (Pixel – Global)	step
						70-79	Coloured background	step
						80-127	Raw DMX	proportional
						128	Global colours only (Global has priority)	step
						129-254	Crossfade (crossfade between Global and Pixel)	proportional
						255	Pixel colours (Pixel has priority)	step
17	22	22	22	22	22		Flower Effect	
						0	Open position-without Flower Effect (0=default)	step
						1 - 127	Flower Effect forwards rotation from fast to slow	proportional
						128	Flower Effect -without rotation	step
						129-255	Backwards rotation from slow to fast	proportional
18	23	23	23	23	23		Flower Effect - Red/Cyan (8 bit)	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
19	24	24	24	24	24		Flower Effect - Green/Magenta (8 bit)	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional

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Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
20	25	25	25	25	25	0 - 255	Flower effect - Blue/Yellow (8 bit) Colour saturation control - coarse 0-100% (255=default)	proportional
21	26	26	26	26	26	0-255	Flower Effect - White (8 bit) Colour saturation control - coarse 0-100% (255=default)	proportional
22	27	27	27	27	27	0 119-120 121-255	Flower Effect - colour macros <i>(Flower Effect channel has to be set > 0 DMX)</i> Open position - without macros (0=default) <i>(Flower effect colour macros have priority to RGBW colours/Virtual colour wheel, Flower effect colours, channels Flower effect-Shutter/strobe and Flower effect-dimmer has to be open)</i> 1-2 Flower Effect colour macro 1 3-4 Flower Effect colour macro 2 5-6 Flower Effect colour macro 3 : Flower Effect colour macro 60 Raw DMX	step step step step step proportional
23	28	28	28	28	28	0 - 31 32 - 63 64 - 95 96 - 127 128 - 143 144 - 159 160 - 191 192 - 223 224 - 255	Flower Effect - Shutter/ strobe Shutter closed Shutter open (32=default) Strobe-effect from slow to fast Shutter open Opening pulse in sequences from slow to fast Closing pulse in sequences from fast to slow Shutter open Random strobe-effect from slow to fast Shutter open	step step proportional step proportional proportional step proportional step
24	29	29	29	29	29	0 - 255	Flower Effect - Dimmer intensity (8 bit) Dimmer intensity from 0% to 100% (255=default)	proportional
25	30	30	30	30	30	0-255	Zoom Zoom from max. to min.beam angle (128=default)	proportional
*	31	31	31	31	31	0-255	Zoom - fine Fine zooming (0=default)	proportional
26	32	32	32	32	32	0 1-255	Beam Shaper Beam Shaper in initial position Beam shaper indexing from 0.7° to 180° (128=default)	step proportional
*	33	*	*	33	33	0-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22	Pattern selection <i>(If you need to index pattern, use channel Pattern/Special functions)</i> No pattern (0=default) Pattern 1 Pattern 2 Pattern 3 Pattern 4 Pattern 5 Pattern 6 Pattern 7 Pattern 8 Pattern 9 Pattern 10	step step step step step step step step step step step

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Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
						23-24	Pattern 11	step
						25-26	Pattern 12	step
						27-28	Pattern 13	step
						29-30	Pattern 14	step
						31-32	Pattern 15	step
						33-34	Pattern 16	step
						35-36	Pattern 17	step
						37-38	Pattern 18	step
						39-40	Pattern 19 (random)	step
						41-255	RAW DMX	proportional
*	34	*	*	34	34		Pattern - Repeat (Size)	
						0-2	Variant 1 (0=default)	step
						3-4	Variant 2	step
						5-6	Variant 3	step
						7-8	Variant 4	step
						9-10	Variant 5	step
						11-12	Variant 6	step
						13-14	Variant 7	step
						15-16	Variant 8	step
						17-18	Variant 9	step
						19-20	Variant 10	step
						21-22	Variant 11	step
						23-255	Raw DMX	proportional
*	35	*	*	35	35		Pattern - Rotation	
						0	No rotation (0=default)	step
						1-127	Pattern indexing	proportional
						128-190	Forwards rotation from fast to slow	proportional
						191-192	Pause - without rotation	step
						193-255	Backwards rotation from slow to fast	proportional
*	36	*	*	36	36		Pattern - Fade	
						0	Snap (0=default)	step
						1-255	Fade from min. to max.	proportional
*	37	*	*	37	37		Pattern - Transition	
						0	No fade (0=default)	step
						1	100ms	step
						:		
						255	4 sec	step
*	38	*	*	38	38		Pattern - Crossfade	
						0	Background	step
						1-255	Crossfade between Background and Pattern 0-100% (255=default)	proportional
*	39	*	*	39	39		Pattern - Red (8-bit)	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
*	40	*	*	40	40		Pattern - Green (8-bit)	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
*	41	*	*	41	41		Pattern - Blue (8-bit)	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
*	42	*	*	42	42		Pattern - White (8-bit)	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional

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Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
*	43	*	*	43	43		Pattern - Colour macro	
						0-2	No macro (0=default) <i>Macros 1-20 allow control of colour change speed from max. to min.</i>	step
						3-8	Macro 1	proportional
						9-14	Macro 2	proportional
						15-20	Macro 3	proportional
						21-26	Macro 4	proportional
						27-32	Macro 5	proportional
						33-38	Macro 6	proportional
						39-44	Macro 7	proportional
						45-50	Macro 8	proportional
						51-56	Macro 9	proportional
						57-62	Macro 10	proportional
						63-68	Macro 11	proportional
						69-74	Macro 12	proportional
						75-80	Macro 13	proportional
						81-86	Macro 14	proportional
						87-92	Macro 15	proportional
						93-98	Macro 16	proportional
						99-104	Macro 17	proportional
						105-110	Macro 18	proportional
						111-116	Macro 19	proportional
						117-122	Macro 20	proportional
						123-128	Macro 21	step
						129-134	Macro 22	step
						135-140	Macro 23	step
						141-255	Raw DMX	proportional
*	44	*	*	44	44		Pattern - Shutter/ strobe	
						0 - 31	Shutter closed	step
						32 - 63	Shutter open (32=default)	step
						64 - 95	Strobe effect from slow to fast	proportional
						96 - 127	Shutter open	step
						128 - 143	Opening pulse in sequences from slow to fast	proportional
						144 - 159	Closing pulse in sequences from fast to slow	proportional
						160 - 191	Shutter open	step
						192 - 223	Random strobe effect from slow to fast	proportional
						224 - 255	Shutter open	step
*	45	*	*	45	45		Pattern - Dimmer intensity (8 bit)	
						0 - 255	Dimmer intensity from 0% to 100% (255=default)	proportional
27	46	33	33	46	46		Master Shutter/ strobe	
						0 - 31	Shutter closed	step
						32 - 63	Shutter open (32=default)	step
						64 - 95	Strobe effect from slow to fast	proportional
						96 - 127	Shutter open	step
						128 - 143	Opening pulse in sequences from slow to fast	proportional
						144 - 159	Closing pulse in sequences from fast to slow	proportional
						160 - 191	Shutter open	step

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Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
						192 - 223	Random strobe effect from slow to fast	proportional
						224 - 255	Shutter open	step
28	47	34	34	47	47		Master Dimmer intensity (8 bit)	
						0 - 255	Dimmer intensity from 0% to 100% (0=default)	proportional
*	48	35	35	48	48		Master Dimmer intensity - fine (16 bit)	
						0 - 255	Fine dimming (0=default)	proportional
*	*	36	36	49	49		Red pixel 1	
						0-255	Red LED saturation control 0-100% (0=default)	proportional
*	*	37	37	50	50		Green pixel 1	
						0-255	Green LED saturation control 0-100% (0=default)	proportional
*	*	38	38	51	51		Blue pixel 1	
						0-255	Blue LED saturation control 0-100% (0=default)	proportional
*	*	*	39	*	52		White pixel 1	
						0-255	White LED saturation control 0-100% (0=default)	proportional
							:	
*	*	144	180	157	193		Red pixel 37	
						0-255	Red LED saturation control 0-100% (0=default)	proportional
*	*	145	181	158	194		Green pixel 37	
						0-255	Green LED saturation control 0-100% (0=default)	proportional
*	*	146	182	159	195		Blue pixel 37	
						0-255	Blue LED saturation control 0-100% (0=default)	proportional
*	*	*	183	*	196		White pixel 37	
						0-255	White LED saturation control 0-100% (0=default)	proportional
* function is active only 10 seconds after switching the fixture on								
** In the Tungsten effect simulation the Dimmer channel imitates behaviour of the halogen lamp during dimming								
*** Select RGB or CMY mixing mode on channel "Power/Special functions"								
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Robin Tarrantula - colours on Virtual Colour Wheel				
Colour name	Red (DMX)	Green (DMX)	Blue (DMX)	White (DMX)
Filter 4 (Medium Bastard Amber)	255	118	0	109
Filter 25 (Sunset Red)	255	50	0	3
Filter 19 (Fire)	255	13	0	0
Filter 26 (Bright Red)	255	0	0	0
Filter 58 (Lavender)	117	0	97	110
Filter 68 (Sky Blue)	42	195	100	0
Filter 36 (Medium Pink)	255	74	8	24
Filter 89 (Moss Green)	69	245	0	3
Filter 88 (Lime Green)	187	226	0	0
Filter 90 (Dark Yellow Green)	0	255	1	0
Filter 49 (Medium Purple)	255	0	27	0
Filter 52 (Light Lavender)	227	86	14	134
Filter 102 (Light Amber)	233	164	0	0
Filter 103 (Straw)	207	137	0	33
Filter 140 (Summer Blue)	0	161	7	218
Filter 124 (Dark Green)	29	255	0	12
Filter 106 (Primary Red)	242	1	1	0
Filter 111 (Dark Pink)	255	67	11	49
Filter 115 (Peacock Blue)	0	255	28	41
Filter 126 (Mauve)	255	0	39	0
Filter 117 (Steel Blue)	163	255	14	161
Filter 118 (Light Blue)	0	255	61	34
Filter 122 (Fern Green)	98	255	3	2
Filter 182 (Light Red)	255	16	2	0
Filter 121 (Filter Green)	165	255	0	0
Filter 128 (Bright Pink)	255	0	13	32
Filter 131 (Marine Blue)	73	245	27	30
Filter 132 (Medium Blue)	0	193	113	0
Filter 134 (Golden Amber)	191	83	0	0
Filter 135 (Deep Golden Amber)	255	52	0	0
Filter 136 (Pale Lavender)	164	96	29	54
Filter 137 (Special Lavender)	130	60	63	102
Filter 138 (Pale Green)	226	255	0	51
Filter 798 (Chrysalis Pink)	49	0	98	14
Filter 141 (Bright Blue)	8	176	62	0
Filter 147 (Apricot)	215	104	0	15
Filter 148 (Bright Rose)	255	3	0	37
Filter 152 (Pale Gold)	202	115	0	39
Filter 154 (Pale Rose)	214	107	0	48
Filter 157 (Pink)	255	56	5	48
Filter 143 (Pale Navy Blue)	0	193	72	148
Filter 162 (Bastard Amber)	223	153	6	41
Filter 164 (Flame Red)	255	27	0	4
Filter 165 (Daylight Blue)	23	236	87	81
Filter 169 (Lilac Tint)	206	123	0	110
Filter 170 (Deep Lavender)	235	123	41	33
Filter 172 (Lagoon Blue)	0	255	54	0

Colour name	Red (DMX)	Green (DMX)	Blue (DMX)	White (DMX)
Filter 194 (Surprise Pink)	110	0	21	255
Filter 180 (Dark Lavender)	136	43	181	89
Filter 181 (Congo Blue)	37	0	255	0
Filter 197 (Alice Blue)	107	220	129	0
Filter 201 (Full C.T. Blue)	179	255	57	34
Filter 202 (Half C.T. Blue)	217	255	37	3
Filter 203 (Quarter C.T. Blue)	236	255	30	3
Filter 204 (Full C.T. Orange)	230	125	3	7
Filter 219 (Fluorescent Green)	99	148	16	50
Filter 206 (Quarter C.T. Orange)	204	140	0	57
Filter 247 (Filter Minus Green)	255	81	0	193
Filter 248 (Half Minus Green)	255	144	0	137
Filter 281 (Three Quarter C.T. Blue)	225	255	72	160
Filter 285 (Three Quarter C.T. Orange)	199	124	0	17
Filter 352 (Glacier Blue)	0	161	65	90
Filter 353 (Lighter Blue)	0	115	37	97
Filter 507 (Madge)	255	31	0	0
Filter 778 (Millennium Gold)	255	65	0	0
Filter 793 (Vanity Fair)	255	0	13	16