

# ELATION SIX+ BAR L - DMX TRAITS

Dimmer 1CH	RGB 3CH	Color 6CH	Color & Dimmer 9CH	DMX Values	Function	Snap	Default Value	
1			1	0-255	<b>Dimmer</b>		0	
					Intensity 0 → 100%			
			2	0-255	<b>Dimmer Fine</b>		0	
					Fine Intensity Control			
			3		<b>Shutter/Strobe</b>	X	50	
					0-31			Shutter closed
					32-63			No function (shutter open)
					64-95			Strobe effect slow to fast
					96-127			No function (shutter open)
					128-159			Pulse-effect in sequences
					160-191			No function (shutter open)
					192-223			Random strobe effect slow to fast
224-255	No function (shutter open)							
	1	1	4	0-255	<b>Red</b>		0	
					Red Saturation 0 → 100%			
	2	2	5	0-255	<b>Green</b>		0	
					Green Saturation 0 → 100%			
	3	3	6	0-255	<b>Blue</b>		0	
					Blue Saturation 0 → 100%			
		4	7	0-255	<b>Lime</b>		0	
					Lime Saturation 0 → 100%			
		5	8	0-255	<b>Amber</b>		0	
					Amber Saturation 0 → 100%			
		6	9	0-255	<b>UV</b>		0	
					UV Saturation 0 → 100%			

# DMX TRAITS

CMY 13CH	CMY Ext 16CH	Std. 16CH	Ext. 22CH	2 Cell Std 22CH	2 Cell Ext 34CH	4 Cell Std 44CH	4 Cell Ext 58CH	12 Cell Std 82CH	12 Cell Ext 154CH	Raw 12 Cell 72CH	DMX Values	Function	Snap	Default Value	
1	1	1	1	1	1	1	1	1	1		0-255	<b>Dimmer</b> Intensity 0 → 100%		0	
2	2	2	2	2	2	2	2	2	2		0-255	<b>Dimmer Fine</b> Fine Intensity Control		0	
3	3	3	3	3	3	3	3	3	3			<b>Shutter/Strobe</b>	X	0	
												0-31			Shutter closed
												32-63			No function (shutter open)
												64-95			Strobe effect slow to fast
												96-127			No function (shutter open)
												128-159			Pulse-effect in sequences
												160-191			No function (shutter open)
												192-223			Random strobe effect slow to fast
224-255	No function (shutter open)														
		4	4	4	4	4	4	4	4	1	0-255	<b>Red</b> Red Saturation 0 → 100%		0	
			5		5		5		5		0-255	<b>Red Fine</b> Fine Red Control		0	
		5	6	5	6	5	6	5	6	2	0-255	<b>Green</b> Green Saturation 0 → 100%		0	
			7		7		7		7		0-255	<b>Green Fine</b> Fine Green Control		0	
		6	8	6	8	6	8	6	8	3	0-255	<b>Blue</b> Blue Saturation 0 → 100%		0	
			9		9		9		9		0-255	<b>Blue Fine</b> Fine Blue Control		0	
		7	10	7	10	7	10	4	10	4	0-255	<b>Lime</b> Lime Saturation 0 → 100%		0	
			11		11		11		11		0-255	<b>Lime Fine</b> Fine Lime Control		0	
		8	12	8	12	8	12	5	12	5	0-255	<b>Amber</b> Amber Saturation 0 → 100%		0	
			13		13		13		13		0-255	<b>Amber Fine</b> Fine Amber Control		0	
		9	14	9	14	9	14	9	14	6	0-255	<b>UV</b> UV Saturation 0 → 100%		0	
			15		15		15		15		0-255	<b>UV Fine</b> Fine UV Control		0	
				10	16	10	16	10	16	7	0-255	<b>Red 2</b> Red Saturation 0 → 100%		0	
					17		17		17		0-255	<b>Red Fine 2</b> Fine Red Control		0	
				11	18	11	18	11	18	8	0-255	<b>Green 2</b> Green Saturation 0 → 100%		0	
					19		19		19		0-255	<b>Green Fine 2</b> Fine Green Control		0	
				12	20	12	20	12	20	9	0-255	<b>Blue 2</b> Blue Saturation 0 → 100%		0	
					21		21		21		0-255	<b>Blue Fine 2</b> Fine Blue Control		0	
				13	22	13	22	13	22	10	0-255	<b>Lime 2</b> Lime Saturation 0 → 100%		0	
					23		23		23		0-255	<b>Lime Fine 2</b> Fine Lime Control		0	
				14	24	14	24	14	24	11	0-255	<b>Amber 2</b> Amber Saturation 0 → 100%		0	
					25		25		25		0-255	<b>Amber Fine 2</b> Fine Amber Control		0	
				15	26	15	26	15	26	12	0-255	<b>UV 2</b> UV Saturation 0 → 100%		0	
					27		27		27		0-255	<b>UV Fine 2</b> Fine UV Control		0	

# DMX TRAITS

CMY 13CH	CMY Ext 16CH	Std. 16CH	Ext. 22CH	2 Cell Std 22CH	2 Cell Ext 34CH	4 Cell Std 44CH	4 Cell Ext 58CH	12 Cell Std 82CH	12 Cell Ext 154CH	Raw 12 Cell 72CH	DMX Values	Function	Snap	Default Value
						16	28	16	28	13	0-255	<b>Red 3</b> Red Saturation 0 → 100%		0
							29		29		0-255	<b>Red Fine 3</b> Fine Red Control		0
						17	30	17	30	14	0-255	<b>Green 3</b> Green Saturation 0 → 100%		0
							31		31		0-255	<b>Green Fine 3</b> Fine Green Control		0
						18	32	15	32	15	0-255	<b>Blue 3</b> Blue Saturation 0 → 100%		0
							33		33		0-255	<b>Blue Fine 3</b> Fine Blue Control		0
						19	34	16	34	16	0-255	<b>Lime 3</b> Lime Saturation 0 → 100%		0
							35		35		0-255	<b>Lime Fine 3</b> Fine Lime Control		0
						20	36	17	36	17	0-255	<b>Amber 3</b> Amber Saturation 0 → 100%		0
							37		37		0-255	<b>Amber Fine 3</b> Fine Amber Control		0
						21	38	18	38	18	0-255	<b>UV 3</b> UV Saturation 0 → 100%		0
							39		39		0-255	<b>UV Fine 3</b> Fine UV Control		0
						22	40	19	40	19	0-255	<b>Red 4</b> Red Saturation 0 → 100%		0
							41		41		0-255	<b>Red Fine 4</b> Fine Red Control		0
						23	42	20	42	20	0-255	<b>Green 4</b> Green Saturation 0 → 100%		0
							43		43		0-255	<b>Green Fine 4</b> Fine Green Control		0
						24	44	21	44	21	0-255	<b>Blue 4</b> Blue Saturation 0 → 100%		0
							45		45		0-255	<b>Blue Fine 4</b> Fine Blue Control		0
						25	46	22	46	22	0-255	<b>Lime 4</b> Lime Saturation 0 → 100%		0
							47		47		0-255	<b>Lime Fine 4</b> Fine Lime Control		0
						26	48	23	48	23	0-255	<b>Amber 4</b> Amber Saturation 0 → 100%		0
							49		49		0-255	<b>Amber Fine 4</b> Fine Amber Control		0
						27	50	24	50	24	0-255	<b>UV 4</b> UV Saturation 0 → 100%		0
							51		51		0-255	<b>UV Fine 4</b> Fine UV Control		0

# DMX TRAITS

CMY 13CH	CMY Ext 16CH	Std. 16CH	Ext. 22CH	2 Cell Std 22CH	2 Cell Ext 34CH	4 Cell Std 44CH	4 Cell Ext 58CH	12 Cell Std 82CH	12 Cell Ext 154CH	Raw 12 Cell 72CH	DMX Values	Function	Snap	Default Value
								28	52	25	0-255	<b>Red 5</b> Red Saturation 0 → 100%		0
									53		0-255	<b>Red Fine 5</b> Fine Red Control		0
								29	54	26	0-255	<b>Green 5</b> Green Saturation 0 → 100%		0
									55		0-255	<b>Green Fine 5</b> Fine Green Control		0
								30	56	27	0-255	<b>Blue 5</b> Blue Saturation 0 → 100%		0
									57		0-255	<b>Blue Fine 5</b> Fine Blue Control		0
								31	58	28	0-255	<b>Lime 5</b> Lime Saturation 0 → 100%		0
									59		0-255	<b>Lime Fine 5</b> Fine Lime Control		0
								32	60	29	0-255	<b>Amber 5</b> Amber Saturation 0 → 100%		0
									61		0-255	<b>Amber Fine 5</b> Fine Amber Control		0
								33	62	30	0-255	<b>UV 5</b> UV Saturation 0 → 100%		0
									63		0-255	<b>UV Fine 5</b> Fine UV Control		0
								34	64	31	0-255	<b>Red 6</b> Red Saturation 0 → 100%		0
									65		0-255	<b>Red Fine 6</b> Fine Red Control		0
								35	66	32	0-255	<b>Green 6</b> Green Saturation 0 → 100%		0
									67		0-255	<b>Green Fine 6</b> Fine Green Control		0
								36	68	33	0-255	<b>Blue 6</b> Blue Saturation 0 → 100%		0
									69		0-255	<b>Blue Fine 6</b> Fine Blue Control		0
								37	70	34	0-255	<b>Lime 6</b> Lime Saturation 0 → 100%		0
									71		0-255	<b>Lime Fine 6</b> Fine Lime Control		0
								38	72	35	0-255	<b>Amber 6</b> Amber Saturation 0 → 100%		0
									73		0-255	<b>Amber Fine 6</b> Fine Amber Control		0
								39	74	36	0-255	<b>UV 6</b> UV Saturation 0 → 100%		0
									75		0-255	<b>UV Fine 6</b> Fine UV Control		0

# DMX TRAITS

CMY 13CH	CMY Ext 16CH	Std. 16CH	Ext. 22CH	2 Cell Std 22CH	2 Cell Ext 34CH	4 Cell Std 44CH	4 Cell Ext 58CH	12 Cell Std 82CH	12 Cell Ext 154CH	Raw 12 Cell 72CH	DMX Values	Function	Snap	Default Value
								40	76	37	0-255	<b>Red 7</b> Red Saturation 0 → 100%		0
											0-255	<b>Red Fine 7</b> Fine Red Control		0
								41	78	38	0-255	<b>Green 7</b> Green Saturation 0 → 100%		0
											0-255	<b>Green Fine 7</b> Fine Green Control		0
								42	80	39	0-255	<b>Blue 7</b> Blue Saturation 0 → 100%		0
											0-255	<b>Blue Fine 7</b> Fine Blue Control		0
								43	82	40	0-255	<b>Lime 7</b> Lime Saturation 0 → 100%		0
											0-255	<b>Lime Fine 7</b> Fine Lime Control		0
								44	84	41	0-255	<b>Amber 7</b> Amber Saturation 0 → 100%		0
											0-255	<b>Amber Fine 7</b> Fine Amber Control		0
								45	86	42	0-255	<b>UV 7</b> UV Saturation 0 → 100%		0
											0-255	<b>UV Fine 7</b> Fine UV Control		0
								46	88	43	0-255	<b>Red 8</b> Red Saturation 0 → 100%		0
											0-255	<b>Red Fine 8</b> Fine Red Control		0
								47	90	44	0-255	<b>Green 8</b> Green Saturation 0 → 100%		0
											0-255	<b>Green Fine 8</b> Fine Green Control		0
								48	92	45	0-255	<b>Blue 8</b> Blue Saturation 0 → 100%		0
											0-255	<b>Blue Fine 8</b> Fine Blue Control		0
								49	94	46	0-255	<b>Lime 8</b> Lime Saturation 0 → 100%		0
											0-255	<b>Lime Fine 8</b> Fine Lime Control		0
								50	96	47	0-255	<b>Amber 8</b> Amber Saturation 0 → 100%		0
											0-255	<b>Amber Fine 8</b> Fine Amber Control		0
								51	98	48	0-255	<b>UV 8</b> UV Saturation 0 → 100%		0
											0-255	<b>UV Fine 8</b> Fine UV Control		0

# DMX TRAITS

CMY 13CH	CMY Ext 16CH	Std. 16CH	Ext. 22CH	2 Cell Std 22CH	2 Cell Ext 34CH	4 Cell Std 44CH	4 Cell Ext 58CH	12 Cell Std 82CH	12 Cell Ext 154CH	Raw 12 Cell 72CH	DMX Values	Function	Snap	Default Value
								52	100	49	0-255	<b>Red 9</b> Red Saturation 0 → 100%		0
									101		0-255	<b>Red Fine 9</b> Fine Red Control		0
								53	102	50	0-255	<b>Green 9</b> Green Saturation 0 → 100%		0
									103		0-255	<b>Green Fine 9</b> Fine Green Control		0
								54	104	51	0-255	<b>Blue 9</b> Blue Saturation 0 → 100%		0
									105		0-255	<b>Blue Fine 9</b> Fine Blue Control		0
								55	106	52	0-255	<b>Lime 9</b> Lime Saturation 0 → 100%		0
									107		0-255	<b>Lime Fine 9</b> Fine Lime Control		0
								56	108	53	0-255	<b>Amber 9</b> Amber Saturation 0 → 100%		0
									109		0-255	<b>Amber Fine 9</b> Fine Amber Control		0
								57	110	54	0-255	<b>UV 9</b> UV Saturation 0 → 100%		0
									111		0-255	<b>UV Fine 9</b> Fine UV Control		0
								58	112	55	0-255	<b>Red 10</b> Red Saturation 0 → 100%		0
									113		0-255	<b>Red Fine 10</b> Fine Red Control		0
								59	114	56	0-255	<b>Green 10</b> Green Saturation 0 → 100%		0
									115		0-255	<b>Green Fine 10</b> Fine Green Control		0
								60	116	57	0-255	<b>Blue 10</b> Blue Saturation 0 → 100%		0
									117		0-255	<b>Blue Fine 10</b> Fine Blue Control		0
								61	118	58	0-255	<b>Lime 10</b> Lime Saturation 0 → 100%		0
									119		0-255	<b>Lime Fine 10</b> Fine Lime Control		0
								62	120	59	0-255	<b>Amber 10</b> Amber Saturation 0 → 100%		0
									121		0-255	<b>Amber Fine 10</b> Fine Amber Control		0
								63	122	60	0-255	<b>UV 10</b> UV Saturation 0 → 100%		0
									123		0-255	<b>UV Fine 10</b> Fine UV Control		0

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CMY 13CH	CMY Ext 16CH	Std. 16CH	Ext. 22CH	2 Cell Std 22CH	2 Cell Ext 34CH	4 Cell Std 44CH	4 Cell Ext 58CH	12 Cell Std 82CH	12 Cell Ext 154CH	Raw 12 Cell 72CH	DMX Values	Function	Snap	Default Value
								64	124	61	0-255	<b>Red 11</b> Red Saturation 0 → 100%		0
									125		0-255	<b>Red Fine 11</b> Fine Red Control		0
								65	126	62	0-255	<b>Green 11</b> Green Saturation 0 → 100%		0
									127		0-255	<b>Green Fine 11</b> Fine Green Control		0
								66	128	63	0-255	<b>Blue 11</b> Blue Saturation 0 → 100%		0
									129		0-255	<b>Blue Fine 11</b> Fine Blue Control		0
								67	130	64	0-255	<b>Lime 11</b> Lime Saturation 0 → 100%		0
									131		0-255	<b>Lime Fine 11</b> Fine Lime Control		0
								68	132	65	0-255	<b>Amber 11</b> Amber Saturation 0 → 100%		0
									133		0-255	<b>Amber Fine 11</b> Fine Amber Control		0
								69	134	66	0-255	<b>UV 11</b> UV Saturation 0 → 100%		0
									135		0-255	<b>UV Fine 11</b> Fine UV Control		0
								70	136	67	0-255	<b>Red 12</b> Red Saturation 0 → 100%		0
									137		0-255	<b>Red Fine 12</b> Fine Red Control		0
								71	138	68	0-255	<b>Green 12</b> Green Saturation 0 → 100%		0
									139		0-255	<b>Green Fine 12</b> Fine Green Control		0
								72	140	69	0-255	<b>Blue 12</b> Blue Saturation 0 → 100%		0
									141		0-255	<b>Blue Fine 12</b> Fine Blue Control		0
								73	142	70	0-255	<b>Lime 12</b> Lime Saturation 0 → 100%		0
									143		0-255	<b>Lime Fine 12</b> Fine Lime Control		0
								74	144	71	0-255	<b>Amber 12</b> Amber Saturation 0 → 100%		0
									145		0-255	<b>Amber Fine 12</b> Fine Amber Control		0
								75	146	72	0-255	<b>UV 12</b> UV Saturation 0 → 100%		0
									147		0-255	<b>UV Fine 12</b> Fine UV Control		0

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CMY 13CH	CMY Ext 16CH	Std. 16CH	Ext. 22CH	2 Cell Std 22CH	2 Cell Ext 34CH	4 Cell Std 44CH	4 Cell Ext 58CH	12 Cell Std 82CH	12 Cell Ext 154CH	Raw 12 Cell 72CH	DMX Values	Function	Snap	Default Value	
4	4										0-255	<b>Cyan</b>		0	
												Cyan Saturation 0 → 100%			
	5										0-255	<b>Cyan Fine</b>		0	
												Fine Cyan Control			
5	6										0-255	<b>Magenta</b>		0	
												Magenta Saturation 0 → 100%			
	7										0-255	<b>Magenta Fine</b>		0	
												Fine Magenta Control			
6	8										0-255	<b>Yellow</b>		0	
												Yellow Saturation 0 → 100%			
	9										0-255	<b>Yellow Fine</b>		0	
												Fine Yellow Control			
7	10	10	16	16	28	28	52	76	148			<b>Variable CCT</b>			
												0-23			Open
												24-85			2400K → 8500K (See Sheet)
												86-255			8500K
8	11	11	17	17	29	29	53	77	149			<b>Color Wheel</b>		0	
												0			Open
												1-179			Virtual Swatch Book (See Table)
															<b>Color Scroll</b>
												180-201			Clockwise Fast → Slow
												202-207			Stop
												208-229			Counter-clockwise Slow → Fast
												230-234			Open
															<b>Random Slots</b>
												235-239			Fast
240-244	Medium														
245-249	Slow														
250-255	Open														
9	12	12	18	18	30	30	54	78	150		0-255	<b>Effect Selection</b> FX Selection 1 → 255	X	0	
10	13	13	19	19	31	31	55	79	151			<b>Effect Speed</b>		0	
												0-126			Slow → Fast
												127-128			Stop
											129-255	Rev Fast → Slow			
11	14	14	20	20	32	32	56	80	152			<b>Effect Offset</b>		X	
												0			Idle
												1			Fixture Offset 10 Degrees
												2			Fixture Offset 20 Degrees
												3-34			Fixture Offset...
												35			Fixture Offset 350 Degrees
												36			Synchronized
												37-49			Random Fixture Offset
												50-59			Random Pixel Order
												60-69			Random Steps
												70-79			Idle
															<b>Effect Fade</b>
												80-89			Sinewave- Cross
												90-99			Sinewave- Full
												100-109			Sawtooth- Cross
												110-119			Sawtooth- Full
120-129	Ramp Up														
130-139	Ramp Down														
140-149	Steps														
150-255	Idle														

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CMY 13CH	CMY Ext 16CH	Std. 16CH	Ext. 22CH	2 Cell Std 22CH	2 Cell Ext 34CH	4 Cell Std 44CH	4 Cell Ext 58CH	12 Cell Std 82CH	12 Cell Ext 154CH	Raw 12 Cell 72CH	DMX Values	Function	Snap	Default Value
12	15	15	21	21	33	33	57	81	153			<b>Dim Modes</b>	X	0
											0-20	Standard		
											21-40	Stage		
											41-60	TV		
											61-80	Architectural		
											81-100	Theatre		
											101-120	Stage 2		
												<b>Dimmer Delay Time</b>		
											121	0s		
											122	0.1s		
											123	0.2s		
											124	0.3s		
											125	0.4s		
											126	0.5s		
											127	0.6s		
											128	0.7s		
											129	0.8s		
											130	0.9s		
											131	1.0s		
											132	1.5s		
											133	2.0s		
											134	3.0s		
											135	4.0s		
											136	5.0s		
											137	6.0s		
											138	7.0s		
											139	8.0s		
140	9.0s													
141	10s													
142-255	Idle													
	Dim to Warm													
150-154	DTW On													
155-159	DTW Off													
160-255	Idle													
13	16	16	22	22	34	34	58	82	154			<b>Control</b>		
											0-59	Idle		
											60-69	Flip Pixel Order		
											70-79	Default Pixel Order		
											80-99	Idle		
												<b>Refresh Rate (Hz)</b>		
											100	900		
											101	910		
											102	920		
											103	930		
											104	940		
											105	950		
											106	960		
											107	970		
											108	980		
											109	990		
											110	1000		

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CMY 13CH	CMY Ext 16CH	Std. 16CH	Ext. 22CH	2 Cell Std 22CH	2 Cell Ext 34CH	4 Cell Std 44CH	4 Cell Ext 58CH	12 Cell Std 82CH	12 Cell Ext 154CH	Raw 12 Cell 72CH	DMX Values	Function	Snap	Default Value
											111	1010		
											112	1020		
											113	1030		
											114	1040		
											115	1050		
											116	1060		
											117	1070		
											118	1080		
											119	1090		
											120	1100		
											121	1110		
											122	1120		
											123	1130		
											124	1140		
											125	1150		
											126	1160		
											127	1170		
											128	1180		
											129	1190		
											130	1200		
											131	1210		
											132	1220		
											133	1230		
											134	1240		
											135	1250		
											136	1260		
											137	1270		
											138	1280		
											139	1290		
											140	1300		
											141	1310		
											142	1320		
13	16	16	22	22	34	34	58	82	154		143	1330	X	0
											144	1340		
											145	1350		
											146	1360		
											147	1370		
											148	1380		
											149	1390		
											150	1400		
											151	1410		
											152	1420		
											153	1430		
											154	1440		
											155	1450		
											156	1460		
											157	1470		
											158	1480		
											159	1490		
											160	1500		
											161	2500		
											162	4000		
											163	5000		
											164	6000		
											165	10000		
											166	15000		
											167	20000		
											168	25000		
											169-200	Idle		
												<b>Dimmer Curves</b>		
											201-210	Dimmer Curve: Linear (Default)		
											211-220	Dimmer Curve: Square		
											221-230	Dimmer Curve: Inverse Square		
											231-240	Dimmer Curve: S-Curve		
											241-255	Idle		

# EMULATION DMX TRAITS FOR SIXBAR 1000

6CH	7CH	11CH	13CH	75CH	DMX Values	Function	Snap	Default Value
1	1	1	1	1	0-255	<b>Red</b> Red Saturation 0 → 100%		0
2	2	2	2	2	0-255	<b>Green</b> Green Saturation 0 → 100%		0
3	3	3	3	3	0-255	<b>Blue</b> Blue Saturation 0 → 100%		0
4	4	4	4	4	0-255	<b>White</b> White Saturation 0 → 100%		0
5	5	5	5	5	0-255	<b>Amber</b> Amber Saturation 0 → 100%		0
6	6	6	6	6	0-255	<b>UV</b> UV Saturation 0 → 100%		0
				7	0-255	<b>Red 2</b> Red Saturation 0 → 100%		0
				8	0-255	<b>Green 2</b> Green Saturation 0 → 100%		0
				9	0-255	<b>Blue 2</b> Blue Saturation 0 → 100%		0
				10	0-255	<b>White 2</b> White Saturation 0 → 100%		0
				11	0-255	<b>Amber 2</b> Amber Saturation 0 → 100%		0
				12	0-255	<b>UV 2</b> UV Saturation 0 → 100%		0
				13	0-255	<b>Red 3</b> Red Saturation 0 → 100%		0
				14	0-255	<b>Green 3</b> Green Saturation 0 → 100%		0
				15	0-255	<b>Blue 3</b> Blue Saturation 0 → 100%		0
				16	0-255	<b>White 3</b> White Saturation 0 → 100%		0
				17	0-255	<b>Amber 3</b> Amber Saturation 0 → 100%		0
				18	0-255	<b>UV 3</b> UV Saturation 0 → 100%		0
				19	0-255	<b>Red 4</b> Red Saturation 0 → 100%		0
				20	0-255	<b>Green 4</b> Green Saturation 0 → 100%		0
				21	0-255	<b>Blue 4</b> Blue Saturation 0 → 100%		0
				22	0-255	<b>White 4</b> White Saturation 0 → 100%		0
				23	0-255	<b>Amber 4</b> Amber Saturation 0 → 100%		0
				24	0-255	<b>UV 4</b> UV Saturation 0 → 100%		0
				25	0-255	<b>Red 5</b> Red Saturation 0 → 100%		0
				26	0-255	<b>Green 5</b> Green Saturation 0 → 100%		0
				27	0-255	<b>Blue 5</b> Blue Saturation 0 → 100%		0
				28	0-255	<b>White 5</b> White Saturation 0 → 100%		0
				29	0-255	<b>Amber 5</b> Amber Saturation 0 → 100%		0
				30	0-255	<b>UV 5</b> UV Saturation 0 → 100%		0

# EMULATION DMX TRAITS FOR SIXBAR 1000

6CH	7CH	11CH	13CH	75CH	DMX Values	Function	Snap	Default Value
				31	0-255	<b>Red 6</b> Red Saturation 0 → 100%		0
				32	0-255	<b>Green 6</b> Green Saturation 0 → 100%		0
				33	0-255	<b>Blue 6</b> Blue Saturation 0 → 100%		0
				34	0-255	<b>White 6</b> White Saturation 0 → 100%		0
				35	0-255	<b>Amber 6</b> Amber Saturation 0 → 100%		0
				36	0-255	<b>UV 6</b> UV Saturation 0 → 100%		0
				37	0-255	<b>Red 7</b> Red Saturation 0 → 100%		0
				38	0-255	<b>Green 7</b> Green Saturation 0 → 100%		0
				39	0-255	<b>Blue 7</b> Blue Saturation 0 → 100%		0
				40	0-255	<b>White 7</b> White Saturation 0 → 100%		0
				41	0-255	<b>Amber 7</b> Amber Saturation 0 → 100%		0
				42	0-255	<b>UV 7</b> UV Saturation 0 → 100%		0
				43	0-255	<b>Red 8</b> Red Saturation 0 → 100%		0
				44	0-255	<b>Green 8</b> Green Saturation 0 → 100%		0
				45	0-255	<b>Blue 8</b> Blue Saturation 0 → 100%		0
				46	0-255	<b>White 8</b> White Saturation 0 → 100%		0
				47	0-255	<b>Amber 8</b> Amber Saturation 0 → 100%		0
				48	0-255	<b>UV 8</b> UV Saturation 0 → 100%		0
				49	0-255	<b>Red 9</b> Red Saturation 0 → 100%		0
				50	0-255	<b>Green 9</b> Green Saturation 0 → 100%		0
				51	0-255	<b>Blue 9</b> Blue Saturation 0 → 100%		0
				52	0-255	<b>White 9</b> White Saturation 0 → 100%		0
				53	0-255	<b>Amber 9</b> Amber Saturation 0 → 100%		0
				54	0-255	<b>UV 9</b> UV Saturation 0 → 100%		0
				55	0-255	<b>Red 10</b> Red Saturation 0 → 100%		0
				56	0-255	<b>Green 10</b> Green Saturation 0 → 100%		0
				57	0-255	<b>Blue 10</b> Blue Saturation 0 → 100%		0
				58	0-255	<b>White 10</b> White Saturation 0 → 100%		0
				59	0-255	<b>Amber 10</b> Amber Saturation 0 → 100%		0
				60	0-255	<b>UV 10</b> UV Saturation 0 → 100%		0

# EMULATION DMX TRAITS FOR SIXBAR 1000

6CH	7CH	11CH	13CH	75CH	DMX Values	Function	Snap	Default Value
				61	0-255	<b>Red 11</b> Red Saturation 0 → 100%		0
				62	0-255	<b>Green 11</b> Green Saturation 0 → 100%		0
				63	0-255	<b>Blue 11</b> Blue Saturation 0 → 100%		0
				64	0-255	<b>White 11</b> White Saturation 0 → 100%		0
				65	0-255	<b>Amber 11</b> Amber Saturation 0 → 100%		0
				66	0-255	<b>UV 11</b> UV Saturation 0 → 100%		0
				67	0-255	<b>Red 12</b> Red Saturation 0 → 100%		0
				68	0-255	<b>Green 12</b> Green Saturation 0 → 100%		0
				69	0-255	<b>Blue 12</b> Blue Saturation 0 → 100%		0
				70	0-255	<b>White 12</b> White Saturation 0 → 100%		0
				71	0-255	<b>Amber 12</b> Amber Saturation 0 → 100%		0
				72	0-255	<b>UV 12</b> UV Saturation 0 → 100%		0
	7	7	7	73	0-255	<b>Dimmer</b> Intensity 0 → 100%		0
						<b>Shutter/Strobe</b>		
					0-31	Shutter closed		
					32-63	<b>No function (shutter open)</b>		
					64-95	Strobe effect slow to fast		
		8	8	74	96-127	<b>No function (shutter open)</b>	X	50
					128-159	Pulse-effect in sequences		
					160-191	No function (shutter open)		
					192-223	Random strobe effect slow to fast		
					224-255	No function (shutter open)		
						<b>Color Macros</b>		
					0-3	OFF		
					4-7	RED		
					8-11	GREEN		
					12-15	BLUE		
					16-19	WHITE		
					20-23	AMBER		
					24-27	UV		
					28-31	RED + GREEN		
					32-35	RED + BLUE		
					36-39	RED + WHITE		
					40-43	RED + AMBER		
					44-47	RED + UV		
					48-51	GREEN + BLUE		
					52-55	GREEN + WHITE		
					56-59	GREEN + AMBER		
					60-63	GREEN + UV		
					64-67	BLUE + WHITE		
					68-71	BLUE + AMBER		
					72-75	BLUE + UV		
					76-79	WHITE + AMBER		
					80-83	WHITE + UV		
					84-87	AMBER + UV		
					88-91	RED + GREEN + BLUE		
					92-95	RED + GREEN + WHITE		
					96-99	RED + GREEN + AMBER		
					100-103	RED + GREEN + UV		
					104-107	RED + BLUE + WHITE		
					108-111	RED + BLUE + AMBER		
					112-115	RED + BLUE + UV		
					116-119	RED + WHITE + AMBER		
					120-123	RED + WHITE + UV		
					124-127	RED + AMBER + UV		



# PIXEL GROUPING & FLIP DIAGRAM

## Pixel Grouping - Flip Off

### 12 Pixel Grouping

1	2	3	4	5	6	7	8	9	10	11	12
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### 4 Pixel Grouping

1	2	3	4
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### 2 Pixel Grouping

1	2
---	---

## Pixel Grouping - Flip On

### 12 Pixel Grouping

12	11	10	9	8	7	6	5	4	3	2	1
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### 4 Pixel Grouping

4	3	2	1
---	---	---	---

### 2 Pixel Grouping

2	1
---	---

# COLOR TEMPERATURE

DMX VALUE	COLOR TEMPERATURE (K)	DMX VALUE	COLOR TEMPERATURE (K)
24	2400	63	6300
25	2500	64	6400
26	2600	65	6500
27	2700	66	6600
28	2800	67	6700
29	2900	68	6800
30	3000	69	6900
31	3100	70	7000
32	3200	71	7100
33	3300	72	7200
34	3400	73	7300
35	3500	74	7400
36	3600	75	7500
37	3700	76	7600
38	3800	77	7700
39	3900	78	7800
40	4000	79	7900
41	4100	80	8000
42	4200	81	8100
43	4300	82	8200
44	4400	83	8300
45	4500	84	8400
46	4600	85	8500
47	4700		
48	4800		
49	4900		
50	5000		
51	5100		
52	5200		
53	5300		
54	5400		
55	5500		
56	5600		
57	5700		
58	5800		
59	5900		
60	6000		
61	6100		
62	6200		

# VIRTUAL COLORS

VALUE	FILTER #	COLOR	VALUE	FILTER #	COLOR
1	7	Pale Yellow	31	126	Mauve
2	103	Straw	32	49	Medium Purple
3	151	Gold Tint	33	58	Lavender
4	100	Spring Yellow	34	199	Palace Blue
5	10	Medium Yellow	35	119	Dark Blue
6	101	Yellow	36	132	Medium Blue
7	104	Deep Amber	37	120	Deep Blue
8	15	Deep Straw	38	165	Daylight Blue
9	179	Loving Amber	39	161	Slate Blue
10	21	Gold Amber	40	118	Light Blue
11	105	Orange	41	68	Sky Blue
12	158	Deep Orange	42	143	Pale Navy Blue
13	22	Dark Amber	43	131	Marine Blue
14	778	Millennium Gold	44	115	Peacock Blue
15	135	Deep Golden Amber	45	172	Lagoon Blue
16	24	Scarlet	46	116	Medium Blue Green
17	106	Primary Red	47	90	Dark Yellow Green
18	26	Bright Red	48	139	Primary Green
19	27	Medium Red	49	122	Fern Green
20	19	Fire	50	89	Moss Green
21	157	Pink	51	124	Dark Green
22	36	Medium Pink	52	88	Lime Green
23	111	Dark Pink	53	138	Pale Green
24	128	Bright Pink	54	203	Quarter CT Blue
25	148	Bright Rose	55	202	Half CT Blue
26	332	Special Rose Pink	56	201	FULL CT Blue
27	793	Vanity Fair	57	200	Double CT Blue
28	113	Magenta	58	206	Quarter CT Orange
29	46	Dark Magenta	59	205	Half CT Orange
30	48	Rose Purple	60	204	FULL CT Orange