

SolaPix 37 Luminaire DMX Maps

(Firmware Version 1.1 and Later)

Base Module		Flex/Macro Module		Pixel Module							
Channel	Function	Channel	Function	Channel	Function	Channel	Function	Channel	Function	Channel	Function
1/2	Pan	1	Flex/Macro Mode	1	Pixel 1 - Red	38	Pixel 10 - Green	75	Pixel 19 - Blue	112	Pixel 28 - White
3/4	Tilt	2	Flex/Macro Speed	2	Pixel 1 - Green	39	Pixel 10 - Blue	76	Pixel 19 - White	113	Pixel 29 - Red
5	Color Mode	3	Flex/Macro Crossfade	3	Pixel 1 - Blue	40	Pixel 10 - White	77	Pixel 20 - Red	114	Pixel 29 - Green
6	Red	4	Flex/Macro Strobe Mode	4	Pixel 1 - White	41	Pixel 11 - Red	78	Pixel 20 - Green	115	Pixel 29 - Blue
7	Green	5	Flex/Macro Strobe	5	Pixel 2 - Red	42	Pixel 11 - Green	79	Pixel 20 - Blue	116	Pixel 29 - White
8	Blue	6	Flex/Macro 1 - Red	6	Pixel 2 - Green	43	Pixel 11 - Blue	80	Pixel 20 - White	117	Pixel 30 - Red
9	White	7	Flex/Macro 1 - Green	7	Pixel 2 - Blue	44	Pixel 11 - White	81	Pixel 21 - Red	118	Pixel 30 - Green
10	Color Correction	8	Flex/Macro 1 - Blue	8	Pixel 2 - White	45	Pixel 12 - Red	82	Pixel 21 - Green	119	Pixel 30 - Blue
11	Section Selection	9	Flex/Macro 1 - White	9	Pixel 3 - Red	46	Pixel 12 - Green	83	Pixel 21 - Blue	120	Pixel 30 - White
12	Module Priority	10	Flex/Macro 2 - Red	10	Pixel 3 - Green	47	Pixel 12 - Blue	84	Pixel 21 - White	121	Pixel 31 - Red
13/14	Zoom	11	Flex/Macro 2 - Green	11	Pixel 3 - Blue	48	Pixel 12 - White	85	Pixel 22 - Red	122	Pixel 31 - Green
15	Strobe Mode	12	Flex/Macro 2 - Blue	12	Pixel 3 - White	49	Pixel 13 - Red	86	Pixel 22 - Green	123	Pixel 31 - Blue
16	Strobe	13	Flex/Macro 2 - White	13	Pixel 4 - Red	50	Pixel 13 - Green	87	Pixel 22 - Blue	124	Pixel 31 - White
17/18	Dimmer	14	Flex/Macro 3 - Red	14	Pixel 4 - Green	51	Pixel 13 - Blue	88	Pixel 22 - White	125	Pixel 32 - Red
19	mSpeed	15	Flex/Macro 3 - Green	15	Pixel 4 - Blue	52	Pixel 13 - White	89	Pixel 23 - Red	126	Pixel 32 - Green
20	Fan Speed	16	Flex/Macro 3 - Blue	16	Pixel 4 - White	53	Pixel 14 - Red	90	Pixel 23 - Green	127	Pixel 32 - Blue
21	Control	17	Flex/Macro 3 - White	17	Pixel 5 - Red	54	Pixel 14 - Green	91	Pixel 23 - Blue	128	Pixel 32 - White
				18	Pixel 5 - Green	55	Pixel 14 - Blue	92	Pixel 23 - White	129	Pixel 33 - Red
				19	Pixel 5 - Blue	56	Pixel 14 - White	93	Pixel 24 - Red	130	Pixel 33 - Green
				20	Pixel 5 - White	57	Pixel 15 - Red	94	Pixel 24 - Green	131	Pixel 33 - Blue
				21	Pixel 6 - Red	58	Pixel 15 - Green	95	Pixel 24 - Blue	132	Pixel 33 - White
				22	Pixel 6 - Green	59	Pixel 15 - Blue	96	Pixel 24 - White	133	Pixel 34 - Red
				23	Pixel 6 - Blue	60	Pixel 15 - White	97	Pixel 25 - Red	134	Pixel 34 - Green
				24	Pixel 6 - White	61	Pixel 16 - Red	98	Pixel 25 - Green	135	Pixel 34 - Blue
				25	Pixel 7 - Red	62	Pixel 16 - Green	99	Pixel 25 - Blue	136	Pixel 34 - White
				26	Pixel 7 - Green	63	Pixel 16 - Blue	100	Pixel 25 - White	137	Pixel 35 - Red
				27	Pixel 7 - Blue	64	Pixel 16 - White	101	Pixel 26 - Red	138	Pixel 35 - Green
				28	Pixel 7 - White	65	Pixel 17 - Red	102	Pixel 26 - Green	139	Pixel 35 - Blue
				29	Pixel 8 - Red	66	Pixel 17 - Green	103	Pixel 26 - Blue	140	Pixel 35 - White
				30	Pixel 8 - Green	67	Pixel 17 - Blue	104	Pixel 26 - White	141	Pixel 36 - Red
				31	Pixel 8 - Blue	68	Pixel 17 - White	105	Pixel 27 - Red	142	Pixel 36 - Green
				32	Pixel 8 - White	69	Pixel 18 - Red	106	Pixel 27 - Green	143	Pixel 36 - Blue
				33	Pixel 9 - Red	70	Pixel 18 - Green	107	Pixel 27 - Blue	144	Pixel 36 - White
				34	Pixel 9 - Green	71	Pixel 18 - Blue	108	Pixel 27 - White	145	Pixel 37 - Red
				35	Pixel 9 - Blue	72	Pixel 18 - White	109	Pixel 28 - Red	146	Pixel 37 - Green
				36	Pixel 9 - White	73	Pixel 19 - Red	110	Pixel 28 - Green	147	Pixel 37 - Blue
				37	Pixel 10 - Red	74	Pixel 19 - Green	111	Pixel 28 - Blue	148	Pixel 37 - White

HIGH END SYSTEMS



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Profile Notes

Due to the modular control and individual module addressing of the SolaPix 37, there are six recommended library layouts. We suggest that console libraries follow these guidelines:

1. Base Module
2. Flex Module
3. Pixel Module
4. Base + Flex + Pixel Modules
 - a. Base Control is on the master fixture number.
 - b. Macro Mode, Macro Speed, and Macro Crossfade (Flex addresses 1-3) should all be included on the master fixture number.
 - c. Pixel Modules should start with Pixel 1 as the .1 address.
 - d. Flex/Macros 1 through 3 (Flex addresses 4-15) should be compound addresses .20, .21, .22.
 - e. Flex/Macro and Pixel RGBW control options utilize virtual console dimming when available. The dimmer control in the Base Module is a master over all output including Base, Flex, and Pixel Modules.
5. Base + Flex Modules
 - a. Base Control is on the master fixture number.
 - b. Macro Mode, Macro Speed, and Macro Crossfade (Flex addresses 1-3) should all be included on the master fixture number.
 - c. Flex/Macros 1 through 3 (Flex addresses 4-15) should be compound addresses .1, .2, .3.
 - d. Flex/Macro RGBW control options utilize virtual console dimming when available. The dimmer control in the Base Module is a master over all output including Base and Flex Modules.
6. Base + Pixel Modules
 - a. Base Control is on the master fixture number.
 - b. Pixel Modules should start with Pixel 1 as the .1 address.
 - c. Pixel RGBW control options utilize virtual console dimming when available. The dimmer control in the Base Module is a master over all output including Base and Pixel Modules.

Base Module

Channel	Function	Function Range	Decimal Low	Decimal High	% Low	% High	Controller Default	Unit	Range Low	Range High
1/2	Pan	0° to 540°	0	65535	0%	100%	32512	°	-270	270
3/4	Tilt	0° to 270°	0	65535	0%	100%	32512	°	-135	135
5	Color Mode	RGB	0	15	0.00%	5.88%	0	N/A	N/A	N/A
		RBG	16	31	6.27%	12.16%				
		BRG	32	47	12.55%	18.43%				
		BGR	48	63	18.82%	24.71%				
		GRB	64	79	25.10%	30.98%				
		GBR	80	95	31.37%	37.25%				
		CMY	96	111	37.65%	43.53%				
		CYM	112	127	43.92%	49.80%				
		YCM	128	143	50.20%	56.08%				
		YMC	144	159	56.47%	62.35%				
		MCY	160	175	62.75%	68.63%				
		MYC	176	191	69.02%	74.90%				
		Cycle	192	207	75.29%	81.18%				
		Random	208	223	81.57%	87.45%				
Reserved	224	255	87.84%	100.00%						
6	Red	Off to full	0	255	0%	100%	255	%	0	100
7	Green	Off to full	0	255	0%	100%	255	%	0	100
8	Blue	Off to full	0	255	0%	100%	255	%	0	100
9	White	Off to full	0	255	0%	100%	255	%	0	100
10	Color Correction	Off	0	0	0%	0%	0	%	0	100
		Warm to cool	1	255	0%	100%				

Base Module

Channel	Function	Function Range	Decimal Low	Decimal High	% Low	% High	Controller Default	Unit	Range Low	Range High
11	Section Selection	All pixels	0	2	0.00%	0.78%	0	N/A	N/A	N/A
		Center	3	4	1.18%	1.57%				
		Ring 1	5	6	1.96%	2.35%				
		Ring 2	7	8	2.75%	3.14%				
		Ring 3	9	10	3.53%	3.92%				
		Center & ring 1	11	12	4.31%	4.71%				
		Center & ring 2	13	14	5.10%	5.49%				
		Center & ring 3	15	16	5.88%	6.27%				
		Ring 1 & 2	17	18	6.67%	7.06%				
		Ring 1 & 3	19	20	7.45%	7.84%				
		Ring 2 & 3	21	22	8.24%	8.63%				
		Center, ring 1, & ring 2	23	24	9.02%	9.41%				
		Ring 1, ring 2, & ring 3	25	26	9.80%	10.20%				
		Center, ring 2, & ring 3	27	28	10.59%	10.98%				
		Center, ring 1, & ring 3	29	30	11.37%	11.76%				
		Sector 1	31	32	12.16%	12.55%				
		Sector 2	33	34	12.94%	13.33%				
		Sector 3	35	36	13.73%	14.12%				
		Sector 4	37	38	14.51%	14.90%				
		Sector 5	39	40	15.29%	15.69%				
		Sector 6	41	42	16.08%	16.47%				
		Sector 1 & 4	43	44	16.86%	17.25%				
		Sector 1, 4, & center	45	46	17.65%	18.04%				
		Sector 2 & 5	47	48	18.43%	18.82%				
		Sector 2, 5, & center	49	50	19.22%	19.61%				
		Sector 3 & 6	51	52	20.00%	20.39%				
		Sector 3, 6, & center	53	54	20.78%	21.18%				
		Sector 1, 3, & 5	55	56	21.57%	21.96%				
		Sector 1, 3, 5 & center	57	58	22.35%	22.75%				
		Sector 2, 4, & 6	59	60	23.14%	23.53%				
Sector 2, 4, 6 & center	61	62	23.92%	24.31%						
Sector 1, 2, & 3	63	64	24.71%	25.10%						
Sector 2, 3, & 4	65	66	25.49%	25.88%						
Sector 3, 4, & 5	67	68	26.27%	26.67%						
Sector 4, 5, & 6	69	70	27.06%	27.45%						
Sector 1, 5, & 6	71	72	27.84%	28.24%						
Sector 1, 2, & 6	73	74	28.63%	29.02%						
Reserved	75	255	29.41%	100.00%						
12	Module Priority	Pixel over Flex/Macro over base	0	7	0%	3%	8	N/A	N/A	N/A
		Flex/Macro over pixel over base	8	15	3%	6%				
		Pixel over base	16	23	6%	9%				
		Flex/Macro over base	24	31	9%	12%				
		Base	32	39	13%	15%				
		Reserved	40	255	16%	100%				
Note: In all pixel modes, each pixel must be set at RGB 0% in order for the lower priority control to take effect.										
13/14	Zoom	Narrow to wide	0	65535	0%	100%	0	°	XX	XX

Base Module

Channel	Function	Function Range	Decimal Low	Decimal High	% Low	% High	Controller Default	Unit	Range Low	Range High
15	Strobe Mode	Off	0	15	0%	6%	0	N/A	N/A	N/A
		Synchronous	16	31	6%	12%				
		Random	32	47	13%	18%				
		Random pixel	48	63	19%	25%				
		Random pixel/color	64	79	25%	31%				
		Synchronous random	80	95	31%	37%				
		Reserved	96	255	38%	100%				
16	Strobe	Off	0	23	0%	9%	255	N/A	N/A	N/A
		Slow to fast	24	229	9%	90%				
		Open	230	255	90%	100%				
17/18	Dimmer	Off to full	0	65535	0%	100%	0	%	0	100
19	mSpeed	Off	0	3	0%	1%	0	s	252.7	0.15
		Slow to fast	4	255	2%	100%				
20	Fan Speed	Idle	0	9	0%	4%	0	N/A	N/A	N/A
		Slow to fast	10	215	4%	84%				
		Auto	216	225	85%	88%				
		Studio	226	235	89%	92%				
		Reserved	236	255	93%	100%				
<p>Note: To change "Idle" or "Slow to fast" ranges (0-100%), you can use a fader or go directly to the target range value. To change "Standard" or "Studio" ranges, you must start at value 0 and go directly to the target range value. After a pause of approximately 3 seconds, the action occurs. The "Standard" and "Studio" control settings are retained in the fixture's memory and will override any settings that were previously made in the fixture's user interface. "Slow to fast" is not retained and is only active while the fixture is receiving a DMX value in this range.</p>										
21	Control	Disable	0	9	0%	4%	0	N/A	N/A	N/A
		Reserved	10	19	4%	7%				
		Display off	20	28	8%	11%				
		Display on	29	35	11%	14%				
		Reserved	36	48	14%	19%				
		Home all	49	68	19%	27%				
		Shutdown	69	75	27%	29%				
		Red shift off	76	85	30%	33%				
		Red shift on	86	95	34%	37%				
		LED PWM 2.4KHz	96	105	38%	41%				
		LED PWM 16KHz	106	115	42%	45%				
		Independent Base Intensity	116	125	45%	49%				
		Master Base Intensity	126	135	49%	53%				
		Reserved	136	255	53%	100%				
<p>Note: To change a "Control" range, you must start at value 0 and go directly to the target range value. After a pause of approximately 3 seconds, the action occurs.</p>										

Flex/Macro Module

Channel	Function	Function Range	Decimal Low	Decimal High	% Low	% High	Controller Default	Unit	Range Low	Range High
1	Flex/Macro Mode	Off	0	0	0%	0%	0	N/A	N/A	N/A
		Macro 1	1	1	0%	0%				
		Macro 2	2	2	1%	1%				
		Macro 3	3	3	1%	1%				
		...	-	-	-	-				
		Macro 99	99	99	39%	39%				
		Reserved	100	255	39%	100%				
2	Flex/Macro Speed	Reverse, fast to slow	0	126	0%	49%	192	%	-100	100
		Stop	127	128	50%	50%				
		Forward, slow to fast	129	255	51%	100%				
3	Flex/Macro Crossfade	Stop to fast	0	255	0%	100%	128	%	0	100
4	Strobe Mode	Off	0	15	0%	6%	0	N/A	N/A	N/A
		Synchronous	16	31	6%	12%				
		Random	32	47	13%	18%				
		Synchronous random	48	63	19%	25%				
		Reserved	64	255	25%	100%				
5	Strobe	Off	0	23	0%	9%	255	Hz	0.8	31.25
		Slow to fast	24	229	9%	90%				
		Open	230	255	90%	100%				
6	Flex/Macro 1 - Red	Off to full	0	255	0%	100%	255	%	0	100
7	Flex/Macro 1 - Green	Off to full	0	255	0%	100%	255	%	0	100
8	Flex/Macro 1 - Blue	Off to full	0	255	0%	100%	255	%	0	100
9	Flex/Macro 1 - White	Off to full	0	255	0%	100%	255	%	0	100
10	Flex/Macro 2 - Red	Off to full	0	255	0%	100%	255	%	0	100
11	Flex/Macro 2 - Green	Off to full	0	255	0%	100%	255	%	0	100
12	Flex/Macro 2 - Blue	Off to full	0	255	0%	100%	255	%	0	100
13	Flex/Macro 2 - White	Off to full	0	255	0%	100%	255	%	0	100
14	Flex/Macro 3 - Red	Off to full	0	255	0%	100%	255	%	0	100
15	Flex/Macro 3 - Green	Off to full	0	255	0%	100%	255	%	0	100
16	Flex/Macro 3 - Blue	Off to full	0	255	0%	100%	255	%	0	100
17	Flex/Macro 3 - White	Off to full	0	255	0%	100%	255	%	0	100

Pixel Module

Channel	Function	Function Range	Decimal Low	Decimal High	% Low	% High	Controller Default	Unit	Range Low	Range High
1	Pixel 1 - Red	Off to full	0	255	0%	100%	255	%	0	100
2	Pixel 1 - Green	Off to full	0	255	0%	100%	255	%	0	100
3	Pixel 1 - Blue	Off to full	0	255	0%	100%	255	%	0	100
4	Pixel 1 - White	Off to full	0	255	0%	100%	255	%	0	100
5	Pixel 2 - Red	Off to full	0	255	0%	100%	255	%	0	100
6	Pixel 2 - Green	Off to full	0	255	0%	100%	255	%	0	100
7	Pixel 2 - Blue	Off to full	0	255	0%	100%	255	%	0	100
8	Pixel 2 - White	Off to full	0	255	0%	100%	255	%	0	100
9	Pixel 3 - Red	Off to full	0	255	0%	100%	255	%	0	100
10	Pixel 3 - Green	Off to full	0	255	0%	100%	255	%	0	100
11	Pixel 3 - Blue	Off to full	0	255	0%	100%	255	%	0	100
12	Pixel 3 - White	Off to full	0	255	0%	100%	255	%	0	100
13	Pixel 4 - Red	Off to full	0	255	0%	100%	255	%	0	100
14	Pixel 4 - Green	Off to full	0	255	0%	100%	255	%	0	100
15	Pixel 4 - Blue	Off to full	0	255	0%	100%	255	%	0	100
16	Pixel 4 - White	Off to full	0	255	0%	100%	255	%	0	100
17	Pixel 5 - Red	Off to full	0	255	0%	100%	255	%	0	100
18	Pixel 5 - Green	Off to full	0	255	0%	100%	255	%	0	100
19	Pixel 5 - Blue	Off to full	0	255	0%	100%	255	%	0	100
20	Pixel 5 - White	Off to full	0	255	0%	100%	255	%	0	100
21	Pixel 6 - Red	Off to full	0	255	0%	100%	255	%	0	100
22	Pixel 6 - Green	Off to full	0	255	0%	100%	255	%	0	100
23	Pixel 6 - Blue	Off to full	0	255	0%	100%	255	%	0	100
24	Pixel 6 - White	Off to full	0	255	0%	100%	255	%	0	100
25	Pixel 7 - Red	Off to full	0	255	0%	100%	255	%	0	100
26	Pixel 7 - Green	Off to full	0	255	0%	100%	255	%	0	100
27	Pixel 7 - Blue	Off to full	0	255	0%	100%	255	%	0	100
28	Pixel 7 - White	Off to full	0	255	0%	100%	255	%	0	100
29	Pixel 8 - Red	Off to full	0	255	0%	100%	255	%	0	100
30	Pixel 8 - Green	Off to full	0	255	0%	100%	255	%	0	100
31	Pixel 8 - Blue	Off to full	0	255	0%	100%	255	%	0	100
32	Pixel 8 - White	Off to full	0	255	0%	100%	255	%	0	100
33	Pixel 9 - Red	Off to full	0	255	0%	100%	255	%	0	100
34	Pixel 9 - Green	Off to full	0	255	0%	100%	255	%	0	100
35	Pixel 9 - Blue	Off to full	0	255	0%	100%	255	%	0	100
36	Pixel 9 - White	Off to full	0	255	0%	100%	255	%	0	100
37	Pixel 10 - Red	Off to full	0	255	0%	100%	255	%	0	100
38	Pixel 10 - Green	Off to full	0	255	0%	100%	255	%	0	100
39	Pixel 10 - Blue	Off to full	0	255	0%	100%	255	%	0	100
40	Pixel 10 - White	Off to full	0	255	0%	100%	255	%	0	100
41	Pixel 11 - Red	Off to full	0	255	0%	100%	255	%	0	100
42	Pixel 11 - Green	Off to full	0	255	0%	100%	255	%	0	100
43	Pixel 11 - Blue	Off to full	0	255	0%	100%	255	%	0	100

Pixel Module

Channel	Function	Function Range	Decimal Low	Decimal High	% Low	% High	Controller Default	Unit	Range Low	Range High
44	Pixel 11 - White	Off to full	0	255	0%	100%	255	%	0	100
45	Pixel 12 - Red	Off to full	0	255	0%	100%	255	%	0	100
46	Pixel 12 - Green	Off to full	0	255	0%	100%	255	%	0	100
47	Pixel 12 - Blue	Off to full	0	255	0%	100%	255	%	0	100
48	Pixel 12 - White	Off to full	0	255	0%	100%	255	%	0	100
49	Pixel 13 - Red	Off to full	0	255	0%	100%	255	%	0	100
50	Pixel 13 - Green	Off to full	0	255	0%	100%	255	%	0	100
51	Pixel 13 - Blue	Off to full	0	255	0%	100%	255	%	0	100
52	Pixel 13 - White	Off to full	0	255	0%	100%	255	%	0	100
53	Pixel 14 - Red	Off to full	0	255	0%	100%	255	%	0	100
54	Pixel 14 - Green	Off to full	0	255	0%	100%	255	%	0	100
55	Pixel 14 - Blue	Off to full	0	255	0%	100%	255	%	0	100
56	Pixel 14 - White	Off to full	0	255	0%	100%	255	%	0	100
57	Pixel 15 - Red	Off to full	0	255	0%	100%	255	%	0	100
58	Pixel 15 - Green	Off to full	0	255	0%	100%	255	%	0	100
59	Pixel 15 - Blue	Off to full	0	255	0%	100%	255	%	0	100
60	Pixel 15 - White	Off to full	0	255	0%	100%	255	%	0	100
61	Pixel 16 - Red	Off to full	0	255	0%	100%	255	%	0	100
62	Pixel 16 - Green	Off to full	0	255	0%	100%	255	%	0	100
63	Pixel 16 - Blue	Off to full	0	255	0%	100%	255	%	0	100
64	Pixel 16 - White	Off to full	0	255	0%	100%	255	%	0	100
65	Pixel 17 - Red	Off to full	0	255	0%	100%	255	%	0	100
66	Pixel 17 - Green	Off to full	0	255	0%	100%	255	%	0	100
67	Pixel 17 - Blue	Off to full	0	255	0%	100%	255	%	0	100
68	Pixel 17 - White	Off to full	0	255	0%	100%	255	%	0	100
69	Pixel 18 - Red	Off to full	0	255	0%	100%	255	%	0	100
70	Pixel 18 - Green	Off to full	0	255	0%	100%	255	%	0	100
71	Pixel 18 - Blue	Off to full	0	255	0%	100%	255	%	0	100
72	Pixel 18 - White	Off to full	0	255	0%	100%	255	%	0	100
73	Pixel 19 - Red	Off to full	0	255	0%	100%	255	%	0	100
74	Pixel 19 - Green	Off to full	0	255	0%	100%	255	%	0	100
75	Pixel 19 - Blue	Off to full	0	255	0%	100%	255	%	0	100
76	Pixel 19 - White	Off to full	0	255	0%	100%	255	%	0	100
77	Pixel 20 - Red	Off to full	0	255	0%	100%	255	%	0	100
78	Pixel 20 - Green	Off to full	0	255	0%	100%	255	%	0	100
79	Pixel 20 - Blue	Off to full	0	255	0%	100%	255	%	0	100
80	Pixel 20 - White	Off to full	0	255	0%	100%	255	%	0	100
81	Pixel 21 - Red	Off to full	0	255	0%	100%	255	%	0	100
82	Pixel 21 - Green	Off to full	0	255	0%	100%	255	%	0	100
83	Pixel 21 - Blue	Off to full	0	255	0%	100%	255	%	0	100
84	Pixel 21 - White	Off to full	0	255	0%	100%	255	%	0	100
85	Pixel 22 - Red	Off to full	0	255	0%	100%	255	%	0	100
86	Pixel 22 - Green	Off to full	0	255	0%	100%	255	%	0	100

Pixel Module

Channel	Function	Function Range	Decimal Low	Decimal High	% Low	% High	Controller Default	Unit	Range Low	Range High
87	Pixel 22 - Blue	Off to full	0	255	0%	100%	255	%	0	100
88	Pixel 22 - White	Off to full	0	255	0%	100%	255	%	0	100
89	Pixel 23 - Red	Off to full	0	255	0%	100%	255	%	0	100
90	Pixel 23 - Green	Off to full	0	255	0%	100%	255	%	0	100
91	Pixel 23 - Blue	Off to full	0	255	0%	100%	255	%	0	100
92	Pixel 23 - White	Off to full	0	255	0%	100%	255	%	0	100
93	Pixel 24 - Red	Off to full	0	255	0%	100%	255	%	0	100
94	Pixel 24 - Green	Off to full	0	255	0%	100%	255	%	0	100
95	Pixel 24 - Blue	Off to full	0	255	0%	100%	255	%	0	100
96	Pixel 24 - White	Off to full	0	255	0%	100%	255	%	0	100
97	Pixel 25 - Red	Off to full	0	255	0%	100%	255	%	0	100
98	Pixel 25 - Green	Off to full	0	255	0%	100%	255	%	0	100
99	Pixel 25 - Blue	Off to full	0	255	0%	100%	255	%	0	100
100	Pixel 25 - White	Off to full	0	255	0%	100%	255	%	0	100
101	Pixel 26 - Red	Off to full	0	255	0%	100%	255	%	0	100
102	Pixel 26 - Green	Off to full	0	255	0%	100%	255	%	0	100
103	Pixel 26 - Blue	Off to full	0	255	0%	100%	255	%	0	100
104	Pixel 26 - White	Off to full	0	255	0%	100%	255	%	0	100
105	Pixel 27 - Red	Off to full	0	255	0%	100%	255	%	0	100
106	Pixel 27 - Green	Off to full	0	255	0%	100%	255	%	0	100
107	Pixel 27 - Blue	Off to full	0	255	0%	100%	255	%	0	100
108	Pixel 27 - White	Off to full	0	255	0%	100%	255	%	0	100
109	Pixel 28 - Red	Off to full	0	255	0%	100%	255	%	0	100
110	Pixel 28 - Green	Off to full	0	255	0%	100%	255	%	0	100
111	Pixel 28 - Blue	Off to full	0	255	0%	100%	255	%	0	100
112	Pixel 28 - White	Off to full	0	255	0%	100%	255	%	0	100
113	Pixel 29 - Red	Off to full	0	255	0%	100%	255	%	0	100
114	Pixel 29 - Green	Off to full	0	255	0%	100%	255	%	0	100
115	Pixel 29 - Blue	Off to full	0	255	0%	100%	255	%	0	100
116	Pixel 29 - White	Off to full	0	255	0%	100%	255	%	0	100
117	Pixel 30 - Red	Off to full	0	255	0%	100%	255	%	0	100
118	Pixel 30 - Green	Off to full	0	255	0%	100%	255	%	0	100
119	Pixel 30 - Blue	Off to full	0	255	0%	100%	255	%	0	100
120	Pixel 30 - White	Off to full	0	255	0%	100%	255	%	0	100
121	Pixel 31 - Red	Off to full	0	255	0%	100%	255	%	0	100
122	Pixel 31 - Green	Off to full	0	255	0%	100%	255	%	0	100
123	Pixel 31 - Blue	Off to full	0	255	0%	100%	255	%	0	100
124	Pixel 31 - White	Off to full	0	255	0%	100%	255	%	0	100
125	Pixel 32 - Red	Off to full	0	255	0%	100%	255	%	0	100
126	Pixel 32 - Green	Off to full	0	255	0%	100%	255	%	0	100
127	Pixel 32 - Blue	Off to full	0	255	0%	100%	255	%	0	100
128	Pixel 32 - White	Off to full	0	255	0%	100%	255	%	0	100
129	Pixel 33 - Red	Off to full	0	255	0%	100%	255	%	0	100
130	Pixel 33 - Green	Off to full	0	255	0%	100%	255	%	0	100

Pixel Module

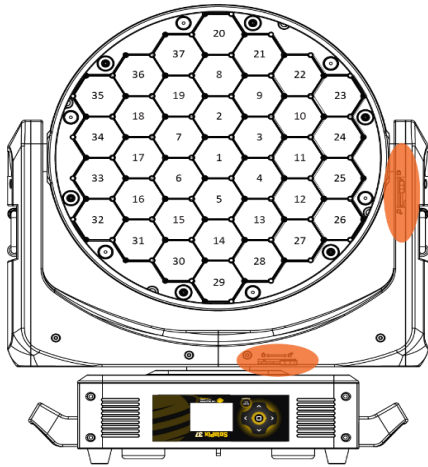
Channel	Function	Function Range	Decimal Low	Decimal High	% Low	% High	Controller Default	Unit	Range Low	Range High
131	Pixel 33 - Blue	Off to full	0	255	0%	100%	255	%	0	100
132	Pixel 33 - White	Off to full	0	255	0%	100%	255	%	0	100
133	Pixel 34 - Red	Off to full	0	255	0%	100%	255	%	0	100
134	Pixel 34 - Green	Off to full	0	255	0%	100%	255	%	0	100
135	Pixel 34 - Blue	Off to full	0	255	0%	100%	255	%	0	100
136	Pixel 34 - White	Off to full	0	255	0%	100%	255	%	0	100
137	Pixel 35 - Red	Off to full	0	255	0%	100%	255	%	0	100
138	Pixel 35 - Green	Off to full	0	255	0%	100%	255	%	0	100
139	Pixel 35 - Blue	Off to full	0	255	0%	100%	255	%	0	100
140	Pixel 35 - White	Off to full	0	255	0%	100%	255	%	0	100
141	Pixel 36 - Red	Off to full	0	255	0%	100%	255	%	0	100
142	Pixel 36 - Green	Off to full	0	255	0%	100%	255	%	0	100
143	Pixel 36 - Blue	Off to full	0	255	0%	100%	255	%	0	100
144	Pixel 36 - White	Off to full	0	255	0%	100%	255	%	0	100
145	Pixel 37 - Red	Off to full	0	255	0%	100%	255	%	0	100
146	Pixel 37 - Green	Off to full	0	255	0%	100%	255	%	0	100
147	Pixel 37 - Blue	Off to full	0	255	0%	100%	255	%	0	100
148	Pixel 37 - White	Off to full	0	255	0%	100%	255	%	0	100

mSpeed (in seconds)

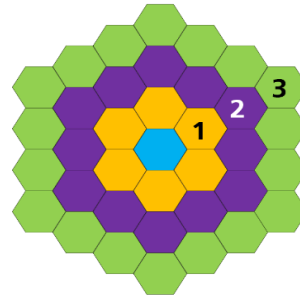
DMX	Time	DMX	Time	DMX	Time	DMX	Time	DMX	Time
0	mSpeed Off	52	165.33	104	91.55	156	39.44	208	9
1	mSpeed Off	53	163.71	105	90.34	157	38.65	209	8.63
2	mSpeed Off	54	162.1	106	89.14	158	37.87	210	8.27
3	mSpeed Off	55	160.49	107	87.95	159	37.09	211	7.91
4	252.69	56	158.89	108	86.77	160	36.33	212	7.56
5	250.68	57	157.3	109	85.59	161	35.57	213	7.22
6	248.68	58	155.71	110	84.43	162	34.82	214	6.89
7	246.69	59	154.14	111	83.27	163	34.08	215	6.56
8	244.7	60	152.57	112	82.12	164	33.34	216	6.25
9	242.73	61	151.01	113	80.98	165	32.62	217	5.94
10	240.76	62	149.46	114	79.84	166	31.9	218	5.64
11	238.8	63	147.92	115	78.72	167	31.19	219	5.34
12	236.85	64	146.38	116	77.6	168	30.49	220	5.06
13	234.9	65	144.86	117	76.49	169	29.8	221	4.78
14	232.97	66	143.34	118	75.38	170	29.11	222	4.52
15	231.04	67	141.82	119	74.29	171	28.43	223	4.25
16	229.12	68	140.32	120	73.2	172	27.76	224	4
17	227.21	69	138.83	121	72.13	173	27.1	225	3.76
18	225.3	70	137.34	122	71.06	174	26.45	226	3.52
19	223.41	71	135.86	123	69.99	175	25.8	227	3.29
20	221.52	72	134.39	124	68.94	176	25.17	228	3.07
21	219.64	73	132.93	125	67.89	177	24.54	229	2.86
22	217.77	74	131.47	126	66.85	178	23.92	230	2.66
23	215.9	75	130.02	127	65.82	179	23.3	231	2.46
24	214.05	76	128.59	128	64.8	180	22.7	232	2.27
25	212.2	77	127.15	129	63.79	181	22.1	233	2.09
26	210.36	78	125.73	130	62.78	182	21.51	234	1.92
27	208.53	79	124.32	131	61.78	183	20.93	235	1.75
28	206.7	80	122.91	132	60.79	184	20.36	236	1.6
29	204.89	81	121.51	133	59.81	185	19.79	237	1.45
30	203.08	82	120.12	134	58.84	186	19.23	238	1.31
31	201.28	83	118.74	135	57.87	187	18.69	239	1.18
32	199.49	84	117.36	136	56.91	188	18.14	240	1.05
33	197.7	85	115.99	137	55.96	189	17.61	241	0.94
34	195.93	86	114.64	138	55.02	190	17.09	242	0.83
35	194.16	87	113.28	139	54.09	191	16.57	243	0.73
36	192.4	88	111.94	140	53.16	192	16.06	244	0.64
37	190.65	89	110.61	141	52.24	193	15.56	245	0.55
38	188.9	90	109.28	142	51.33	194	15.07	246	0.47
39	187.17	91	107.96	143	50.43	195	14.58	247	0.41
40	185.44	92	106.65	144	49.54	196	14.1	248	0.35
41	183.72	93	105.35	145	48.65	197	13.63	249	0.29
42	182.01	94	104.05	146	47.77	198	13.17	250	0.25
43	180.31	95	102.77	147	46.9	199	12.72	251	0.21
44	178.61	96	101.49	148	46.04	200	12.28	252	0.19
45	176.92	97	100.22	149	45.19	201	11.84	253	0.17
46	175.24	98	98.95	150	44.34	202	11.41	254	0.15
47	173.57	99	97.7	151	43.51	203	10.99	255	0.15
48	171.91	100	96.45	152	42.68	204	10.58		
49	170.25	101	95.21	153	41.85	205	10.17		
50	168.61	102	93.98	154	41.04	206	9.77		
51	166.97	103	92.76	155	40.23	207	9.39		

Notes

1. Face Layout: Pan = 128 DMX; Tilt = 40 DMX
 (Note how the fixture head is oriented in relation to the pan and tilt locks.)



Pixels



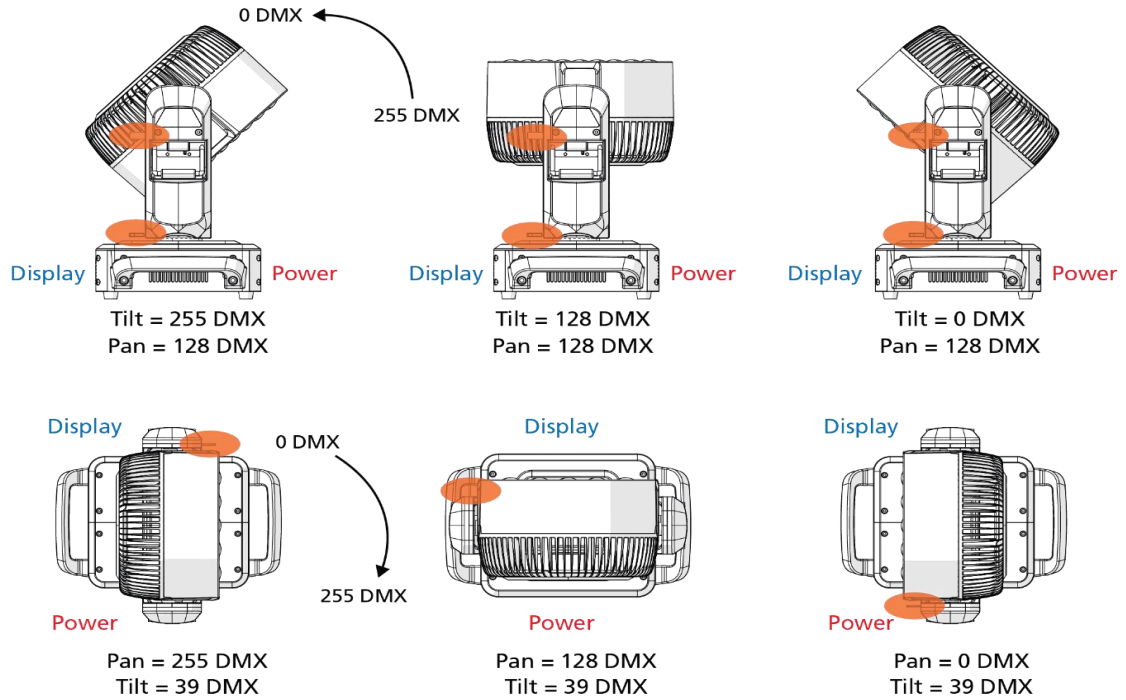
Rings



Sectors



2. DMX Fixture Orientation
 Tilt Movement Range: 270°
 Pan Movement Range: 540°
 Pan and tilt lock locations are highlighted in orange.



3. RDM Manufacturer ID: 0x4C52
 RDM Device ID (Base): 0x058A
 RDM Device ID (Flex/Macro): 0x058B
 RDM Device ID (Pixel): 0x058C

Revision History

Revision	Date	Changes
D	Sep-2020	Corrected the RDM UIDs.
C	Aug-2020	Added firmware version information to the document title.
B	Aug-2020	Added additional information to the notes for the Fan Speed channel (channel 20 in the Base Module) to clarify that the Fans Mode setting in the fixture UI is overridden by the Standard and Studio control settings.
A	Mar-2020	Initial release