

CHANNEL					VALUE	FUNCTION
27ch	139ch	19+ch	141ch	29ch		
					19+ ch (Controlled by DMX)	
1	1	1	1	1	000-255	PAN 0°→540°
2	2	2	2	2	000-255	PAN FINE
3	3	3	3	3	000-255	TILT 0°→210°
4	4	4	4	4	000-255	TILT FINE
5	5	5	5	5	000-255	PAN/TILT SPEED Fast to Slow
6	6	6			000-255	DIMMER (BEAM & WASH) 0%→100%
7	7	7	6	6	000-007	BEAM STROBE Close Open Strobe from Slow to Fast Open Fast Open Slow Close from Slow to Fast Open Slow Open Fast Close from Slow to Fast Open Random Strobe from Slow to Fast Open
					008-015	
					016-131	
					132-139	
					140-181	
					182-189	
					190-231	
					232-239	
					240-247	
248-255						
10	10	10	7	7	000-255	BEAM DIMMER 0%→100%
			8	8	000-255	BEAM DIMMER FINE
8	8	8	9	9	000-007	WASH STROBE Close Open Strobe from Slow to Fast Open Fast Open Slow Close from Slow to Fast Open Slow Open Fast Close from Slow to Fast Open Random Strobe from Slow to Fast Open
					008-015	
					016-131	
					132-139	
					140-181	
					182-189	
					190-231	
					232-239	
					240-247	
248-255						
			10	10	000-255	WASH DIMMER 0%→100%
			11	11	000-255	WASH DIMMER FINE
9	9	9	12	12		SPECIAL FUNCTION (To activate following functions, stop in DMX value for at least 3 seconds.)

					000-009	Null
					010-019	Null
					020-029	Null
					030-039	Dimmer Curve: Linear
					040-049	Dimmer Curve: Square Law
					050-059	Dimmer Curve: Inv SQ Law
					060-069	Dimmer Curve: S Curve
					070-079	Null
					080-089	Null
					090-099	Null
					100-109	Led Frequency Setting Enable
					110-119	Led Frequency Setting Disable
					120-122	Null
					123	900Hz
					124	1000Hz
					125	1100Hz
					126	1200Hz
					127	1300Hz
					128	1400Hz
					129	1500Hz
					130	2500Hz
					131	4000Hz
					132	5000Hz
					133	6000Hz
					134	10KHz
					135	15KHz
					136	20KHz
					137	25KHz
					138-139	Null
					140-149	Pan/Tilt Reset
					150-159	Effect Reset
					160-169	Color Calibration: On
					170-179	Color Calibration: Off
					180-189	Calibration Mode: High CRI
					190-199	Calibration Mode: High Output
					200-209	All Reset
					210-219	Dimmer Speed: Fast
					220-229	Dimmer Speed: Smooth
					230-231	Gobo Short Cut: Enable
					232-233	Gobo Short Cut: Disable
					234-235	Color Short Cut: Enable
					236-237	Color Short Cut: Disable
					238-239	Null
					240-245	Cooling Mode: Silent
					246-251	Cooling Mode: Auto
					252-255	Null
						BEAM COLOR WHEEL
11	11	11	13	13	000-007	Open
					008-011	Color 1
					012-015	Color 2
					016-019	Color 3

					020-023	Color 4
					024-027	Color 5
					028-031	Color 6
					032-039	Color 7
					040-043	Color 8
					044-047	Color 9
					048-051	Color 10
					052-055	Color 11
					056-059	Color 12
					060-063	Color 13
					64	Open
					65	Open+Color 1
					66	Color 1
					67	Color 1+Color 2
					68	Color 2
					69	Color 2+Color 3
					70	Color 3
					71	Color 3+Color 4
					72	Color 4
					73	Color 4+Color 5
					74	Color 5
					75	Color 5+Color 6
					76	Color 6
					77	Color 6+Color 7
					78	Color 7
					79	Color 7+Color 8
					80	Color 8
					81	Color 8+Color 9
					82	Color 9
					83	Color 9+Color 10
					84	Color 10
					85	Color 10+Color 11
					86	Color 11
					87	Color 11+Color 12
					88	Color 12
					89	Color 12+Color 13
					90	Color 13
					91-127	Open
					128-189	Clockwise Rotation, Fast to Slow
					190-193	Stop
					194-255	Counter-Clockwise Rotation, Slow to Fast
						BEAM GOBO WHEEL
					000-007	Open
					008-013	Gobo 1
					014-019	Gobo 2
					020-025	Gobo 3
					026-031	Gobo 4
					032-037	Gobo 5
					038-043	Gobo 6
					044-049	Gobo 7
					050-055	Gobo 8
12	12	12	14	14		

					056-063 064-070 071-077 078-084 085-091 092-098 099-105 106-112 113-119 120-127 128-189 190-193 194-255	Gobo 9 Gobo 1 Shaking, Slow to Fast Gobo 2 Shaking, Slow to Fast Gobo 3 Shaking, Slow to Fast Gobo 4 Shaking, Slow to Fast Gobo 5 Shaking, Slow to Fast Gobo 6 Shaking, Slow to Fast Gobo 7 Shaking, Slow to Fast Gobo 8 Shaking, Slow to Fast Gobo 9 Shaking, Slow to Fast Counter-Clockwise Rotation, Fast to Slow Stop Clockwise Rotation, Slow to Fast
13	13	13	15	15	000-007 008-090 091-173 174-255	BEAM PRISMS Open 8-facets prism 16-facets prism 8-facets prism + 16-facets prism
14	14	14	16	16	000-127 128-189 190-193 194-255	BEAM 8-FACETS PRISM ROTATION Index, 0°→360° Counter-Clockwise Rotation, Fast to Slow Stop Clockwise Rotation, Slow to Fast
15	15	15	17	17	000-127 128-189 190-193 194-255	BEAM 16-FACETS PRISM ROTATION Index, 0°→360° Counter-Clockwise Rotation, Fast to Slow Stop Clockwise Rotation, Slow to Fast
16	16	16	18	18	000-007 008-255	BEAM FROST Close Open
17	17	17	19	19	000-255	BEAM FOCUS 0%→100%
18	18	18	20	20	000-255	BEAM FOCUS FINE
19	19	19	21	21	000-255	WASH ZOOM Narrow→Wide
20				22	000-255	WASH RED 0%→100%
21				23	000-255	WASH GREEN 0%→100%
22				24	000-255	WASH BLUE 0%→100%
23				25	000-255	WASH WHITE 0%→100%
24				26	000 001-004 005-009	WASH CCT Null 8000K 7900K

010-013	7800K
014-018	7700K
019-022	7600K
023-027	7500K
028-031	7400K
032-036	7300K
037-040	7200K
041-045	7100K
046-049	7000K
050-054	6900K
055-058	6800K
059-063	6700K
064-067	6600K
068-072	6500K
073-076	6400K
077-081	6300K
082-085	6200K
086-090	6100K
091-094	6000K
095-099	5900K
100-103	5800K
104-108	5700K
109-112	5600K
113-117	5500K
118-121	5400K
122-126	5300K
127-130	5200K
131-135	5100K
136-139	5000K
140-144	4900K
145-148	4800K
149-153	4700K
154-157	4600K
158-162	4500K
163-166	4400K
167-171	4300K
172-175	4200K
176-180	4100K
181-184	4000K
185-189	3900K
190-193	3800K
194-198	3700K
199-202	3600K
203-207	3500K
208-211	3400K
212-216	3300K
217-220	3200K
221-225	3100K
226-229	3000K
230-234	2900K
235-238	2800K

					239-243 244-247 248-255	2700K 2600K 2500K
25				27	000-007	WASH COLOR MACRO Null
					008-015	Color 1
					016-023	Color 2
					024-031	Color 3
					032-039	Color 4
					040-047	Color 5
					048-055	Color 6
					056-063	Color 7
					064-071	Color 8
					072-079	Color 9
					080-087	Color 10
					088-095	Color 11
					096-103	Color 12
					104-111	Color 13
					112-119	Color 14
					120-127	Color 15
					128-135	Color 16
					136-143	Color 17
					144-151	Color 18
					152-159	Color 19
					160-167	Color 20
					168-175	Color 21
					176-183	Color 22
					184-191	Color 23
					192-199	Color 24
					200-207	Color 25
					208-215	Color 26
					216-223	Color 27
					224-231	Color 28
					232-239	Color 29
					240-247	Color 30
					248-255	Color 31
26				28	000-007	WASH EFFECT SELECT Null
					008-015	Ring 1 (outer ring)
					016-023	Ring 2 (inner ring)
					024-031	Built-in Effect 1
					032-039	Built-in Effect 2
					040-047	Built-in Effect 3
					048-055	Built-in Effect 4
					056-063	Built-in Effect 5
					064-071	Built-in Effect 6
					072-079	Built-in Effect 7
					080-087	Built-in Effect 8
					088-095	Built-in Effect 9
					096-103	Built-in Effect 10
					104-111	Built-in Effect 11

					112-119 120-127 128-135 136-143 144-151 152-159 160-167 168-175 176-183 184-191 192-199 200-207 208-215 216-223 224-229 230-237 238-245 246-255	Built-in Effect 12 Built-in Effect 13 Built-in Effect 14 Built-in Effect 15 Built-in Effect 16 Built-in Effect 17 Built-in Effect 18 Built-in Effect 19 Built-in Effect 20 Built-in Effect 21 Built-in Effect 22 Built-in Effect 23 Built-in Effect 24 Built-in Effect 25 Built-in Effect 26 Rainbow 1 (inner ring) Rainbow 2 (outer ring) Rainbow 3 (inner ring + outer ring)
27				29	000 001-127 128 129-255	WASH EFFECT SPEED Null Slow to Fast without Fade Null Slow to Fast with Fade
					19+ ch (Controlled by Art-Net)	
	20	1	22		000-255	WASH RED 1 0%→100%
	21	2	23		000-255	WASH GREEN 1 0%→100%
	22	3	24		000-255	WASH BLUE 1 0%→100%
	23	4	25		000-255	WASH WHITE 1 0%→100%
	24	5	26		000-255	WASH RED 2 0%→100%
	25	6	27		000-255	WASH GREEN 2 0%→100%
	26	7	28		000-255	WASH BLUE 2 0%→100%
	27	8	29		000-255	WASH WHITE 2 0%→100%
	28	9	30		000-255	WASH RED 3 0%→100%
	29	10	31		000-255	WASH GREEN 3 0%→100%
	30	11	32		000-255	WASH BLUE 3 0%→100%
	31	12	33		000-255	WASH WHITE 3 0%→100%

	32	13	34		000-255	WASH RED 4 0%→100%
	33	14	35		000-255	WASH GREEN 4 0%→100%
	34	15	36		000-255	WASH BLUE 4 0%→100%
	35	16	37		000-255	WASH WHITE 4 0%→100%
	36	17	38		000-255	WASH RED 5 0%→100%
	37	18	39		000-255	WASH GREEN 5 0%→100%
	38	19	40		000-255	WASH BLUE 5 0%→100%
	39	20	41		000-255	WASH WHITE 5 0%→100%
	40	21	42		000-255	WASH RED 6 0%→100%
	41	22	43		000-255	WASH GREEN 6 0%→100%
	42	23	44		000-255	WASH BLUE 6 0%→100%
	43	24	45		000-255	WASH WHITE 6 0%→100%
	44	25	46		000-255	WASH RED 7 0%→100%
	45	26	47		000-255	WASH GREEN 7 0%→100%
	46	27	48		000-255	WASH BLUE 7 0%→100%
	47	28	49		000-255	WASH WHITE 7 0%→100%
	48	29	50		000-255	WASH RED 8 0%→100%
	49	30	51		000-255	WASH GREEN 8 0%→100%
	50	31	52		000-255	WASH BLUE 8 0%→100%
	51	32	53		000-255	WASH WHITE 8 0%→100%
	52	33	54		000-255	WASH RED 9 0%→100%
	53	34	55		000-255	WASH GREEN 9 0%→100%
	54	35	56		000-255	WASH BLUE 9 0%→100%

	55	36	57		000-255	WASH WHITE 9 0%→100%
	56	37	58		000-255	WASH RED 10 0%→100%
	57	38	59		000-255	WASH GREEN 10 0%→100%
	58	39	60		000-255	WASH BLUE 10 0%→100%
	59	40	61		000-255	WASH WHITE 10 0%→100%
	60	41	62		000-255	WASH RED 11 0%→100%
	61	42	63		000-255	WASH GREEN 11 0%→100%
	62	43	64		000-255	WASH BLUE 11 0%→100%
	63	44	65		000-255	WASH WHITE 11 0%→100%
	64	45	66		000-255	WASH RED 12 0%→100%
	65	46	67		000-255	WASH GREEN 12 0%→100%
	66	47	68		000-255	WASH BLUE 12 0%→100%
	67	48	69		000-255	WASH WHITE 12 0%→100%
	68	49	70		000-255	WASH RED 13 0%→100%
	69	50	71		000-255	WASH GREEN 13 0%→100%
	70	51	72		000-255	WASH BLUE 13 0%→100%
	71	52	73		000-255	WASH WHITE 13 0%→100%
	72	53	74		000-255	WASH RED 14 0%→100%
	73	54	75		000-255	WASH GREEN 14 0%→100%
	74	55	76		000-255	WASH BLUE 14 0%→100%
	75	56	77		000-255	WASH WHITE 14 0%→100%
	76	57	78		000-255	WASH RED 15 0%→100%
	77	58	79		000-255	WASH GREEN 15 0%→100%

	78	59	80		000-255	WASH BLUE 15 0%→100%
	79	60	81		000-255	WASH WHITE 15 0%→100%
	80	61	82		000-255	WASH RED 16 0%→100%
	81	62	83		000-255	WASH GREEN 16 0%→100%
	82	63	84		000-255	WASH BLUE 16 0%→100%
	83	64	85		000-255	WASH WHITE 16 0%→100%
	84	65	86		000-255	WASH RED 17 0%→100%
	85	66	87		000-255	WASH GREEN 17 0%→100%
	86	67	88		000-255	WASH BLUE 17 0%→100%
	87	68	89		000-255	WASH WHITE 17 0%→100%
	88	69	90		000-255	WASH RED 18 0%→100%
	89	70	91		000-255	WASH GREEN 18 0%→100%
	90	71	92		000-255	WASH BLUE 18 0%→100%
	91	72	93		000-255	WASH WHITE 18 0%→100%
	92	73	94		000-255	WASH RED 19 0%→100%
	93	74	95		000-255	WASH GREEN 19 0%→100%
	94	75	96		000-255	WASH BLUE 19 0%→100%
	95	76	97		000-255	WASH WHITE 19 0%→100%
	96	77	98		000-255	WASH RED 20 0%→100%
	97	78	99		000-255	WASH GREEN 20 0%→100%
	98	79	100		000-255	WASH BLUE 20 0%→100%
	99	80	101		000-255	WASH WHITE 20 0%→100%
	100	81	102		000-255	WASH RED 21 0%→100%

	101	82	103		000-255	WASH GREEN 21 0%→100%
	102	83	104		000-255	WASH BLUE 21 0%→100%
	103	84	105		000-255	WASH WHITE 21 0%→100%
	104	85	106		000-255	WASH RED 22 0%→100%
	105	86	107		000-255	WASH GREEN 22 0%→100%
	106	87	108		000-255	WASH BLUE 22 0%→100%
	107	88	109		000-255	WASH WHITE 22 0%→100%
	108	89	110		000-255	WASH RED 23 0%→100%
	109	90	111		000-255	WASH GREEN 23 0%→100%
	110	91	112		000-255	WASH BLUE 23 0%→100%
	111	92	113		000-255	WASH WHITE 23 0%→100%
	112	93	114		000-255	WASH RED 24 0%→100%
	113	94	115		000-255	WASH GREEN 24 0%→100%
	114	95	116		000-255	WASH BLUE 24 0%→100%
	115	96	117		000-255	WASH WHITE 24 0%→100%
	116	97	118		000-255	WASH RED 25 0%→100%
	117	98	119		000-255	WASH GREEN 25 0%→100%
	118	99	120		000-255	WASH BLUE 25 0%→100%
	119	100	121		000-255	WASH WHITE 25 0%→100%
	120	101	122		000-255	WASH RED 26 0%→100%
	121	102	123		000-255	WASH GREEN 26 0%→100%
	122	103	124		000-255	WASH BLUE 26 0%→100%
	123	104	125		000-255	WASH WHITE 26 0%→100%

	124	105	126		000-255	WASH RED 27 0%→100%
	125	106	127		000-255	WASH GREEN 27 0%→100%
	126	107	128		000-255	WASH BLUE 27 0%→100%
	127	108	129		000-255	WASH WHITE 27 0%→100%
	128	109	130		000-255	WASH RED 28 0%→100%
	129	110	131		000-255	WASH GREEN 28 0%→100%
	130	111	132		000-255	WASH BLUE 28 0%→100%
	131	112	133		000-255	WASH WHITE 28 0%→100%
	132	113	134		000-255	WASH RED 29 0%→100%
	133	114	135		000-255	WASH GREEN 29 0%→100%
	134	115	136		000-255	WASH BLUE 29 0%→100%
	135	116	137		000-255	WASH WHITE 29 0%→100%
	136	117	138		000-255	WASH RED 30 0%→100%
	137	118	139		000-255	WASH GREEN 30 0%→100%
	138	119	140		000-255	WASH BLUE 30 0%→100%
	139	120	141		000-255	WASH WHITE 30 0%→100%

LED PIXEL ZONES:

