

ELATION REBEL WASH 4 - DMX TRAITS

MODE/CHANNEL			VALUE	FUNCTION	SNAP	DEFAULT
STANDARD	EXTENDED	PIXELS				
1	1	1	0-255	Pan Left → Right		
2	2	2	0-255	Pan Fine Fine Position		
3	3	3	0-255	Tilt Forward → Backward		
4	4	4	0-255	Tilt Fine Fine Position		
5	5	5		Pan Rotation		
			0-2	Disabled		
			3-126	Clockwise Fast → Slow		
			127-129	Stop		
			130-253	Counter-clockwise Slow → Fast		
			254-255	Stop		
6	6	6		Tilt Rotation		
			0-2	Disabled		
			3-126	Clockwise Fast → Slow		
			127-129	Stop		
			130-253	Counter-clockwise Slow → Fast		
			254-255	Stop		
7	7		0-255	Red 0 → 100%		
	8		0-255	Red Fine Fine Saturation		
8	9		0-255	Green 0 → 100%		
	10		0-255	Green Fine Fine Saturation		
9	11		0-255	Blue 0 → 100%		
	12		0-255	Blue Fine Fine Saturation		
10	13		0-255	Lime 0 → 100%		
	14		0-255	Lime Fine Fine Saturation		
11	15	7		Variable CCT		
			0-23	Open (6000K)		
			24-255	2400K → 8500K (see table)		
	16	8	0-255	Variable CCT Fine Fine Adjustment		
12	17	9		Color		
			0	Open		
			1-179	Virtual Swatch Book (See Sheet)		
				Scroll		
			180-201	Clockwise Fast → Slow		
			202-207	Stop		
			208-229	Counter-clockwise Slow → Fast		
			230-234	Open		
				Random Slots		
			235-239	Fast		
			240-244	Medium		
			245-249	Slow		
			250-255	Open		

DMX TRAITS

MODE/CHANNEL			VALUE	FUNCTION	SNAP	DEFAULT
STANDARD	EXTENDED	PIXELS				
13	18	10	0-255	Zoom Narrow → Wide		
14	19	11	0-255	Zoom Fine Fine Adjustment		
15	20	12		Strobe		
			0-31	Closed		
			32-63	Open		
			64-95	Strobe effect slow to fast		
			96-127	Open		
			128-159	Pulse Effect		
			160-191	Open		
			192-223	Random Slow → Fast		
			224-255	Open		
16	21	13	0-255	Dimmer 0 → 100%		
17	22	14	0-255	Dimmer Fine Fine Adjustment		
	23	15		Dimmer Modes	X	
			0-20	Standard		
			21-40	Stage		
			41-60	TV		
			61-80	Architectural		
			81-100	Theatre		
			101-120	Stage 2		
				Dimmer Time		
			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		
			141-255	Idle		
	24	16		Pan / Tilt Speed	X	
			0-225	Max → Min Speed		
			226-235	Blackout by movement		
			236-245	Blackout by wheel changes		
			246-255	No function		

DMX TRAITS

MODE/CHANNEL			VALUE	FUNCTION	SNAP	DEFAULT
STANDARD	EXTENDED	PIXELS				
18	25	17		Control		
			0-10	Idle		
				Movement Options		
			11-12	PanTilt Shortest Path		
			13-14	PanTilt Continue Path (default)		
			15-16	Pan Range 540 (default)		
			17-18	Pan Range 360		
			19-20	Tilt Range 270 (default)		
			21-22	Tilt Range 360		
			23-49	Idle		
				Fan Mode		
			50-59	Low		
			60-69	High		
			70-79	Auto		
				Reset		
			80-84	All		
			85-87	Pan / Tilt		
			88-90	Zoom		
			97-99	Idle		
				Refresh Rate (Hz)		
			100-168	See table		
			169-174	Idle		
			185-200	Idle		
				Dimmer Curves		
			201-210	Linear		
			211-220	Square		
			221-230	Inverse Square		
			231-240	S-Curve (Default)		
			241-255	Idle		
19	26	18		FX Selection	X	0
			0	Idle		
			1-255	FX 1 → 255 (see table)		
20	27	19		FX Speed		0
			0-126	Slow → Fast		
			127-128	Stop		
			129-255	Rev Fast → Slow		
21	28	20		FX Offset	X	0
			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		
				Effect Fade		
			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		

DMX TRAITS: RGBL PIXELS

MODE/CHANNEL			VALUE	FUNCTION	SNAP	DEFAULT
STANDARD	EXTENDED	PIXELS				
		21	0-255	Red 1 0 → 100%		
		22	0-255	Green 1 0 → 100%		
		23	0-255	Blue 1 0 → 100%		
		24	0-255	Lime 1 0 → 100%		
		25	0-255	Red 2 0 → 100%		
		26	0-255	Green 2 0 → 100%		
		27	0-255	Blue 2 0 → 100%		
		28	0-255	Lime 2 0 → 100%		
		29	0-255	Red 3 0 → 100%		
		30	0-255	Green 3 0 → 100%		
		31	0-255	Blue 3 0 → 100%		
		32	0-255	Lime 3 0 → 100%		
		33	0-255	Red 4 0 → 100%		
		34	0-255	Green 4 0 → 100%		
		35	0-255	Blue 4 0 → 100%		
		36	0-255	Lime 4 0 → 100%		

COLOR TEMPERATURE

Colors shown are an approximate representation. <https://www.luxalight.eu/en/cie-converto>

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

VIRTUAL COLORS (COLOR SWATCH)

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