

RELATION PULSE BAR S - DMX TRAITS

Fixture Part Name	Xenon Strobe 3CH	Simple Strobe 11CH	Strobe FX 22CH	Large Pixels 34CH	Simple Pixel 52CH	Pixel Focus 124CH	Basic Full Control 77CH	Full Control 132CH	Raw Mode 110CH	DMX Values	Function	Snap	Default Value	
Main Fixture	1		1	1		1	1	1		0-255	Master Dimmer Intensity 0 → 100%		0	
		1	2	2	1	2	2	2		0-255	Strobe Dimmer Master Intensity 0 → 100%		0	
	2	2	3	3	2	3	3	3		0-255	CW Strobe Duration Min → Max		0	
	3	3	4	4	3	4	4	4		0-255	CW Strobe Rate Fast → Slow		0	
												CW Strobe Mode		
										0-31	Single Strobe/Standard Mode			
										32-63	Ramp Up			
										64-95	Ramp Down			
		4	5	5	4	5	5	5		96-127	Ramp Up → Ramp Down	X	255	
										128-159	Random			
										160-191	Double Flash			
										192-223	Triple Flash			
										224-255	No Effect			
		5	6	6	5	6	6	6		0-255	RGB Dimmer Intensity 0 → 100%		0	
		6	7	7	6	7	7	7		0-255	RGB Strobe Duration Min → Max		0	
		7	8	8	7	8	8	8		0-255	RGB Strobe Rate Fast → Slow		0	
												RGB Strobe Mode		
										0-31	Single Strobe/Standard Mode			
										32-63	Ramp Up			
										64-95	Ramp Down			
	8	9	9	8	9	9	9		96-127	Ramp Up → Ramp Down	X	255		
									128-159	Random				
									160-191	Double Flash				
									192-223	Triple Flash				
									224-225	Sync Dim and Strobe with CW Strobe				
									226-255	No Effect				
	9	10	10	9	10	10	10		0-255	All Red Red Saturation 0 → 100%		0		
	10	11	11	10	11	11	11		0-255	All Green Green Saturation 0 → 100%		0		

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Main Fixture		11	12	12	11	12	12	12		0-255	All Blue Blue Saturation 0 → 100%		0
			13				13	13		0-255	CW Strobe Effect Selelection FX Selection 1 → 255	X	0
			14				14	14			CW Strobe Effect Speed 0-126 Slow → Fast 127-128 Stop 129-255 Rev Fast → Slow		0
			15				15	15			CW Strobe Effect Size 0-50 Idle 51-60 1 Zone 61-70 2 Zone 71-80 4 Zone 81-90 8 Zone 91-100 10 Zone 101-110 20 Zone 111-255 Idle	X	0
			16				16	16			CW Strobe Effect Offset 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	X	0
			17				17	17		0-255	RGB Effect Selection FX Selection 1 → 255	X	0
			18				18	18			RGB Effect Speed 0-126 Slow → Fast 127-128 Stop 129-255 Rev Fast → Slow		0
			19				19	19			RGB Effect Size 0-50 Idle 51-60 1 Zone 61-70 2 Zone 71-80 3 Zone 81-90 6 Zone 91-100 10 Zone 101-110 15 Zone 111-120 30 Zone 121-255 Idle	X	0

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Main Fixture	20						20	20			RGB Effect 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												
	21	13					13	21	21			Dim Modes	X	0
											0-20	Standard		
											21-40	Stage		
											41-60	TV		
											61-80	Architectural		
											81-100	Theatre		
											101-120	Stage 2		
												Dimmer Delay 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													
142-255	Idle													

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Main Fixture											Control		
										0-99	Idle		
											Refresh Rate (Hz)		
										100	900		
										101	910		
										102	920		
										103	930		
										104	940		
										105	950		
										106	960		
										107	970		
										108	980		
										109	990		
										110	1000		
										111	1010		
										112	1020		
										113	1030		
										114	1040		
										115	1050		
										116	1060		
										117	1070		
										118	1080		
				22	14	12	14	22	22	119	1090		
										120	1100	X	0
										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			
									143	1330			

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Main Fixture										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		
				22	14	12	14	22	22	166	15000		
										167	20000	X	0
										168	25000		
										169-170	Idle		
											Zone Flip		
										171-172	Default Zone Arrangement		
										173-174	Flip Zones Horizontally		
										175-176	Flip Zones Vertically		
										177-178	Flip Zones Horizontally and Vertically		
										179-183	Idle		
											Zone Linking		
									184-185	RGB StrobeLine to Default			
									186-187	RGB StrobeLine Link to Top Center CW Strobe			
									188-189	RGB StrobeLine Link to Top RGB			
									190-191	RGB StrobeLine to Bottom RGB			
									192-193	RGB StrobeLine Inactive			
									194-200	Idle			
										Dimmer Curves			
									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			

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Pixel 1				15	13	15	23	23	1	0-255	Red 1 Red Saturation 0 → 100%		0
				16	14	16	24	24	2	0-255	Green 1 Green Saturation 0 → 100%		0
				17	15	17	25	25	3	0-255	Blue 1 Blue Saturation 0 → 100%		0
Pixel 2				18	16	18	26	26	4	0-255	Red 2 Red Saturation 0 → 100%		0
				19	17	19	27	27	5	0-255	Green 2 Green Saturation 0 → 100%		0
				20	18	20	28	28	6	0-255	Blue 2 Blue Saturation 0 → 100%		0
Pixel 3				21	19	21	29	29	7	0-255	Red 3 Red Saturation 0 → 100%		0
				22	20	22	30	30	8	0-255	Green 3 Green Saturation 0 → 100%		0
				23	21	23	31	31	9	0-255	Blue 3 Blue Saturation 0 → 100%		0
Pixel 4				24	22	24	32	32	10	0-255	Red 4 Red Saturation 0 → 100%		0
				25	23	25	33	33	11	0-255	Green 4 Green Saturation 0 → 100%		0
				26	24	26	34	34	12	0-255	Blue 4 Blue Saturation 0 → 100%		0
Pixel 5					25	27	35	35	13	0-255	Red 5 Red Saturation 0 → 100%		0
					26	28	36	36	14	0-255	Green 5 Green Saturation 0 → 100%		0
					27	29	37	37	15	0-255	Blue 5 Blue Saturation 0 → 100%		0
Pixel 6					28	30	38	38	16	0-255	Red 6 Red Saturation 0 → 100%		0
					29	31	39	39	17	0-255	Green 6 Green Saturation 0 → 100%		0
					30	32	40	40	18	0-255	Blue 6 Blue Saturation 0 → 100%		0
Pixel 7					31	33	41	41	19	0-255	Red 7 Red Saturation 0 → 100%		0
					32	34	42	42	20	0-255	Green 7 Green Saturation 0 → 100%		0
					33	35	43	43	21	0-255	Blue 7 Blue Saturation 0 → 100%		0
Pixel 8					34	36	44	44	22	0-255	Red 8 Red Saturation 0 → 100%		0
					35	37	45	45	23	0-255	Green 8 Green Saturation 0 → 100%		0
					36	38	46	46	24	0-255	Blue 8 Blue Saturation 0 → 100%		0
Pixel 9					37	39	47	47	25	0-255	Red 9 Red Saturation 0 → 100%		0
					38	40	48	48	26	0-255	Green 9 Green Saturation 0 → 100%		0
					39	41	49	49	27	0-255	Blue 9 Blue Saturation 0 → 100%		0
Pixel 10					40	42	50	50	28	0-255	Red 10 Red Saturation 0 → 100%		0
					41	43	51	51	29	0-255	Green 10 Green Saturation 0 → 100%		0
					42	44	52	52	30	0-255	Blue 10 Blue Saturation 0 → 100%		0

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Pixel 11						45		53	31	0-255	Red 11 Red Saturation 0 → 100%		0
						46		54	32	0-255	Green 11 Green Saturation 0 → 100%		0
						47		55	33	0-255	Blue 11 Green Saturation 0 → 100%		0
Pixel 12						48		56	34	0-255	Red 12 Red Saturation 0 → 100%		0
						49		57	35	0-255	Green 12 Green Saturation 0 → 100%		0
						50		58	36	0-255	Blue 12 Blue Saturation 0 → 100%		0
Pixel 13						51		59	37	0-255	Red 13 Red Saturation 0 → 100%		0
						52		60	38	0-255	Green 13 Green Saturation 0 → 100%		0
						53		61	39	0-255	Blue 13 Blue Saturation 0 → 100%		0
Pixel 14						54		62	40	0-255	Red 14 Red Saturation 0 → 100%		0
						55		63	41	0-255	Green 14 Green Saturation 0 → 100%		0
						56		64	42	0-255	Blue 14 Blue Saturation 0 → 100%		0
Pixel 15						57		65	43	0-255	Red 15 Red Saturation 0 → 100%		0
						58		66	44	0-255	Green 15 Green Saturation 0 → 100%		0
						59		67	45	0-255	Blue 15 Blue Saturation 0 → 100%		0
Pixel 16						60		68	46	0-255	Red 16 Red Saturation 0 → 100%		0
						61		69	47	0-255	Green 16 Green Saturation 0 → 100%		0
						62		70	48	0-255	Blue 16 Blue Saturation 0 → 100%		0
Pixel 17						63		71	49	0-255	Red 17 Red Saturation 0 → 100%		0
						64		72	50	0-255	Green 17 Green Saturation 0 → 100%		0
						65		73	51	0-255	Blue 17 Blue Saturation 0 → 100%		0
Pixel 18						66		74	52	0-255	Red 18 Red Saturation 0 → 100%		0
						67		75	53	0-255	Green 18 Green Saturation 0 → 100%		0
						68		76	54	0-255	Blue 18 Blue Saturation 0 → 100%		0
Pixel 19						69		77	55	0-255	Red 19 Red Saturation 0 → 100%		0
						70		78	56	0-255	Green 19 Green Saturation 0 → 100%		0
						71		79	57	0-255	Blue 19 Blue Saturation 0 → 100%		0
Pixel 20						72		80	58	0-255	Red 20 Red Saturation 0 → 100%		0
						73		81	59	0-255	Green 20 Green Saturation 0 → 100%		0
						74		82	60	0-255	Blue 20 Blue Saturation 0 → 100%		0

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CW Strobe 1				27	43	75	53	83	61	0-255	CW Strobe 1		0
											Intensity 0 → 100%		
CW Strobe 2				28	44	76	54	84	62	0-255	CW Strobe 2		0
											Intensity 0 → 100%		
CW Strobe 3					45	77	55	85	63	0-255	CW Strobe 3		0
											Intensity 0 → 100%		
CW Strobe 4					46	78	56	86	64	0-255	CW Strobe 4		0
											Intensity 0 → 100%		
CW Strobe 5					47	79	57	87	65	0-255	CW Strobe 5		0
											Intensity 0 → 100%		
CW Strobe 6					48	80	58	88	66	0-255	CW Strobe 6		0
											Intensity 0 → 100%		
CW Strobe 7					49	81	59	89	67	0-255	CW Strobe 7		0
											Intensity 0 → 100%		
CW Strobe 8					50	82	60	90	68	0-255	CW Strobe 8		0
											Intensity 0 → 100%		
CW Strobe 9					51	83	61	91	69	0-255	CW Strobe 9		0
											Intensity 0 → 100%		
CW Strobe 10					52	84	62	92	70	0-255	CW Strobe 10		0
											Intensity 0 → 100%		
CW Strobe 11						85		93	71	0-255	CW Strobe 11		0
											Intensity 0 → 100%		
CW Strobe 12						86		94	72	0-255	CW Strobe 12		0
											Intensity 0 → 100%		
CW Strobe 13						87		95	73	0-255	CW Strobe 13		0
											Intensity 0 → 100%		
CW Strobe 14						88		96	74	0-255	CW Strobe 14		0
											Intensity 0 → 100%		
CW Strobe 15						89		97	75	0-255	CW Strobe 15		0
											Intensity 0 → 100%		
CW Strobe 16						90		98	76	0-255	CW Strobe 16		0
											Intensity 0 → 100%		
CW Strobe 17						91		99	77	0-255	CW Strobe 17		0
											Intensity 0 → 100%		
CW Strobe 18						92		100	78	0-255	CW Strobe 18		0
											Intensity 0 → 100%		
CW Strobe 19						93		101	79	0-255	CW Strobe 19		0
											Intensity 0 → 100%		
CW Strobe 20						94		102	80	0-255	CW Strobe 20		0
											Intensity 0 → 100%		

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RGB StrobeLine 1				29		95	63	103	81	0-255	StrobeLine Red 1 Red Saturation 0 → 100%		0
				30		96	64	104	82	0-255	StrobeLine Green 1 Green Saturation 0 → 100%		0
				31		97	65	105	83	0-255	StrobeLine Blue 1 Blue Saturation 0 → 100%		0
RGB StrobeLine 2				32		98	66	106	84	0-255	StrobeLine Red 2 Red Saturation 0 → 100%		0
				33		99	67	107	85	0-255	StrobeLine Green 2 Green Saturation 0 → 100%		0
				34		100	68	108	86	0-255	StrobeLine Blue 2 Blue Saturation 0 → 100%		0
RGB StrobeLine 3						101	69	109	87	0-255	StrobeLine Red 3 Red Saturation 0 → 100%		0
						102	70	110	88	0-255	StrobeLine Green 3 Green Saturation 0 → 100%		0
						103	71	111	89	0-255	StrobeLine Blue 3 Blue Saturation 0 → 100%		0
RGB StrobeLine 4						104	72	112	90	0-255	StrobeLine Red 4 Red Saturation 0 → 100%		0
						105	73	113	91	0-255	StrobeLine Green 4 Green Saturation 0 → 100%		0
						106	74	114	92	0-255	StrobeLine Blue 4 Blue Saturation 0 → 100%		0
RGB StrobeLine 5						107	75	115	93	0-255	StrobeLine Red 5 Red Saturation 0 → 100%		0
						108	76	116	94	0-255	StrobeLine Green 5 Green Saturation 0 → 100%		0
						109	77	117	95	0-255	StrobeLine Blue 5 Blue Saturation 0 → 100%		0
RGB StrobeLine 6						110		118	96	0-255	StrobeLine Red 6 Red Saturation 0 → 100%		0
						111		119	97	0-255	StrobeLine Green 6 Green Saturation 0 → 100%		0
						112		120	98	0-255	StrobeLine Blue 6 Blue Saturation 0 → 100%		0
RGB StrobeLine 7						113		121	99	0-255	StrobeLine Red 7 Red Saturation 0 → 100%		0
						114		122	100	0-255	StrobeLine Green 7 Green Saturation 0 → 100%		0
						115		123	101	0-255	StrobeLine Blue 7 Blue Saturation 0 → 100%		0
RGB StrobeLine 8						116		124	102	0-255	StrobeLine Red 8 Red Saturation 0 → 100%		0
						117		125	103	0-255	StrobeLine Green 8 Green Saturation 0 → 100%		0
						118		126	104	0-255	StrobeLine Blue 8 Blue Saturation 0 → 100%		0
RGB StrobeLine 9						119		127	105	0-255	StrobeLine Red 9 Red Saturation 0 → 100%		0
						120		128	106	0-255	StrobeLine Green 9 Green Saturation 0 → 100%		0
						121		129	107	0-255	StrobeLine Blue 9 Blue Saturation 0 → 100%		0
RGB StrobeLine 10						122		130	108	0-255	StrobeLine Red 10 Red Saturation 0 → 100%		0
						123		131	109	0-255	StrobeLine Green 10 Green Saturation 0 → 100%		0
						124		132	110	0-255	StrobeLine Blue 10 Blue Saturation 0 → 100%		0