NANLUX

Evoke 5000B

DMX CHARTS

Version: V1.3
2025-12-16

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Revision History

Version	Date (Y-M-D)	Note
V1.0	2025-02-11	File First Publish
V1.1	2025-02-12	Minor adjustments
V1.2	2025-11-15	Add Pan and Tilt
V1.3	2025-12-16	Delete Pan and Tilt

Contents

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CCT 8bit

Channel	Attribute	Function	% Value	DMX Value	DMX Default	Control Type	Notes
1	Dimmer	0.0% → 100.0%	0% → 100%	0 → 255	0	Fade	
2	CCT	2700K → 6500K	0% → 100%	0 → 255	0	Fade	
3	G/M	Neutral	0% → 3%	0 → 9	0	Fade & Step	G/M=Duv*10^4
		-80	4% → 7%	10 → 20			
		-79 → -1	8% → 46%	21 → 119			
		Neutral	47% → 56%	120 → 145			
		+1 → +79	57% → 95%	146 → 244			
		+80	96% → 100%	245 → 255			
When "DMX Reduce Channels" is set to "ON", the following channels will be reduced.							
4	Fan	Smart	0% → 24%	0 → 63	0	Step	
		Full Speed	25% → 49%	64 → 127			
		Low Speed	50% → 74%	128 → 191			
		Off	75% → 100%	192 → 255			
5	Strobe	Off	0% → 1.2%	0 → 3	0	Fade & Step	
		Random Fast	1.6%	4			1-10Hz
		Random Medium	2.0%	5			0.5-1Hz
		Random Slow	2.4%	6			0.333-0.5Hz
		Variable Strobe (0.4Hz → 25Hz)	2.7% → 100%	7 → 255			
6	Zoom	Min. to Max. Beam Angle	0% → 100%	0 → 255	128	Fade	
7-10	Reserved	/	/	/	/	/	

CCT 16bit

Channel	Attribute	Function	% Value	DMX Value	DMX Default	Control Type	Notes
1/2	Dimmer	0.0% → 100.0%	0% → 100%	0 → 65535	0	Fade	
3/4	CCT	2700K → 6500K	0% → 100%	0 → 65535	0	Fade	
5/6	G/M	Neutral	0% → 7%	0 → 5000	0	Fade & Step	G/M=Duv*10^4
		-80	8% → 14%	5001 → 10000			
		-79 → -1	15% → 45%	10001 → 30000			
		Neutral	46% → 60%	30001 → 40000			
		+1 → +79	61% → 91%	40001 → 60000			
		+80	92% → 100%	60001 → 65535			
When "DMX Reduce Channels" is set to "ON", the following channels will be reduced.							
7	Fan	Smart	0% → 24%	0 → 63	0	Step	
		Full Speed	25% → 49%	64 → 127			
		Low Speed	50% → 74%	128 → 191			
		Off	75% → 100%	192 → 255			
8	Strobe	Off	0% → 1.2%	0 → 3	0	Fade & Step	
		Random Fast	1.6%	4			1-10Hz
		Random Medium	2.0%	5			0.5-1Hz
		Random Slow	2.4%	6			0.333-0.5Hz
		Variable Strobe (0.4Hz → 25Hz)	2.7% → 100%	7 → 255			
9	Zoom	Min. to Max. Beam Angle	0% → 100%	0 → 255	128	Fade	
10-13	Reserved	/	/	/	/	/	