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FLEXON L DMX Chart

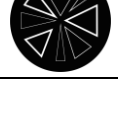


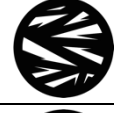
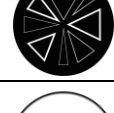
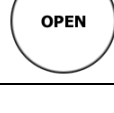
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NXT LIGHTS | FLEXON L | DMX Chart | 2025 V1.2

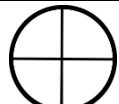
DMX Modes
Standard Mode 38 Channel
Extended Mode 54 Channel

STANDARD MODE 38 CH	EXTENDED MODE 54 CH	VALUES	FUNCTION	
MOVEMENT				
1	1	000 - 255	PAN Movement 8-bit: Pan Movement	
2	2	000 - 255	PAN Fine 16-bit: Fine control of Pan movement	
3	3	000 - 255	TILT Movement 8-bit: Tilt Movement	
4	4	000 - 255	Tilt Fine 16-bit: Fine control of Tilt movement	
DIMMER (INTENSITY)				
5	5	000 - 255	Dimmer 8-bit: Intensity 0 to 100%	
6	6	000 - 255	Dimmer Fine 16-bit:	
			Intensity 0 to 100%	
SHUTTER, STROBE				
7	7	000 - 031	Closed	
		032 - 063	Open	
		064 - 095	Strobe, Slow -> Fast	
		096 - 127	Open	
		128 - 159	Pulse effect, Slow -> Fast	
		160 - 191	Open	
		192 - 223	Random strobe, Slow -> Fast	
		224 - 255	Open	
COLOR - CMY				
8	8	000 - 255	Cyan:	
			0 to 100%	
	9	000 - 255	Cyan Fine:	
0 to 100%				
9	10	000 - 255	Magenta:	
			0 to 100%	
	11	000 - 255	Magenta Fine:	
0 to 100%				
10	12	000 - 255	Yellow:	
			0 to 100%	
	13	000 - 255	Yellow Fine: 0 to 100%	

CTO				
11	14	000 - 255	CTO	
			0 to 100%	
	15	000 - 255	CTO Fine: 0 to 100%	
COLOR WHEEL				
12	16	000 - 005	Open	
		006 - 115	Color Index	
		116 - 120	Open	
		121 - 130	Color 1 - Deep Red	
		131 - 140	Color 2 - Medium Blue	
		141 - 150	Color 3 - Deep Green	
		151 - 160	Color 4 - Amber	
		161 - 170	Color 5 - CTB	
		171 - 192	Open	
		193 - 223	CW, Fast -> Slow	
		224 - 224	Stop	
		225 - 255	CCW, Slow -> Fast	
13	17	000 - 255	Color Wheel Fine 0% to 100%	
ROTATING GOBO 1				
14	18	000 - 005	Beam Mode	
		006 - 020	Gobo 1 - Petal Spin	
		021 - 035	Gobo 2 - Disc	
		016 - 020	Gobo 3 - Double Disc	
		021 - 025	Gobo 4 - Particles	
		036 - 050	Gobo 5 - Abstract	
		081 - 095	Gobo 6 - Rims	

		096 - 110	Gobo 1 shake (slow-fast)	
		111 - 125	Gobo 2 shake (slow-fast)	
		126 - 140	Gobo 3 shake (slow-fast)	
		141 - 155	Gobo 4 shake (slow-fast)	
		156 - 170	Gobo 5 shake (slow-fast)	
		171 - 185	Gobo 6 shake (slow-fast)	
		186 - 192	Open	
		193 - 223	CW, Fast -> Slow	
		224 - 224	Stop	
		225 - 255	CCW, Slow -> Fast	
ROTATING GOBO 1 INDEX				
15	19	000 - 005	Rotation Off	
		006 - 128	Gobo Index 0° -> 540°	
		129 - 191	Gobo Rotation CW, Fast -> Slow	
		192 - 192	Stop	
		193 - 255	Gobo Rotation CCW, Slow -> Fast	
16	20	000 - 255	Rotating Gobo Index Fine: 0% to 100%	

ROTATING GOBO 2				
17	21	000 - 005	Open	
		006 - 020	Gobo 1 - Hexagons	
		021 - 035	Gobo 2 - Whirl Eye	
		036 - 050	Gobo 3 - Water	
		051 - 065	Gobo 4 - Leaf	
		066 - 080	Gobo 5 - Dots	
		081 - 095	Gobo 6 - Stars	
		096 - 110	Gobo 1 shake (slow-fast)	
		111 - 125	Gobo 2 shake (slow-fast)	
		126 - 140	Gobo 3 shake (slow-fast)	
		141 - 155	Gobo 4 shake (slow-fast)	
		156 - 170	Gobo 5 shake (slow-fast)	
		171 - 185	Gobo 6 shake (slow-fast)	
		186 - 192	Open	
		193 - 223	CW, Fast -> Slow	
		224 - 224	Stop	
		225 - 255	CCW, Slow -> Fast	

ROTATING GOBO 2 INDEX				
18	22	000 - 005	Rotation Off	
		006 - 128	Gobo Index 0° -> 540°	
		129 - 191	Gobo Rotation CW, Fast -> Slow	
		192 - 192	Stop	
		193 - 255	Gobo Rotation CCW, Slow -> Fast	
19	23	000 - 255	Rotating Gobo Index Fine: 0% to 100%	
ZOOM				
20	24	000 - 255	Narrow to wide	
	25	000 - 255	Zoom Fine: Narrow to wide 16-bit	
FOCUS				
21	26	000 - 255	Far to near	
	27	000 - 255	Focus Fine: Far to near 16-bit	
IRIS				
22	28	000 - 191	Open -> Close	
		192 - 207	Pulse up, slow -> fast	
		208 - 223	Pulse down, slow -> fast	
		224 - 239	Random effect, slow -> fast	
		240 - 255	Fast Up - Fast Down, slow -> fast	
PRISM WHEEL				
23	29	000 - 005	Open	
		006 - 130	6 Linear	
		131 - 255	4 Circular	
PRISM 1 INDEXING AND ROTATION				
24	30	000 - 005	Rotation Off	
		006 - 128	Prism1 Position 0 -> 540°	
		129 - 191	Prism1 Rotation CW, Fast -> Slow	
		192 - 192	Prism1 Rotation Stop	
		193 - 255	Prism1 Rotation CCW, Slow -> Fast	

FROST 1				
25	31	000 - 255	Min to Max	
FROST 2				
26	32	000 - 255	Min to Max	
ANIMATION WHEEL				
27	33	000 - 005	Open	
		006 - 128	Animation Wheel Position 0 -> 540°	
		129 - 191	Animation Wheel Rotation CW, Fast -> Slow	
		192 - 192	Stop	
		193 - 255	Animation Wheel Rotation CCW, Slow -> Fast	
BLADES				
28	34		Blade 1 A:	
			0 to 100%	
	35		Blade 1 A fine:	
			0 to 100%	
29	36		Blade 1 B:	
			0 to 100%	
	37		Blade 1 B fine:	
			0 to 100%	
30	38		Blade 2 A:	
			0 to 100%	
	39		Blade 2 A fine:	
			0 to 100%	
31	40		Blade 2 B:	
			0 to 100%	
	41		Blade 2 B fine:	
			0 to 100%	
32	42		Blade 3 A:	
			0 to 100%	
	43		Blade 3 A fine:	
			0 to 100%	
33	44		Blade 3 B:	
			0 to 100%	
	45		Blade 3 B fine:	
			0 to 100%	

34	46		Blade 4 A:	
			0 to 100%	
	47		Blade 4 A fine:	
			0 to 100%	
35	48		Blade 4 B:	
			0 to 100%	
	49		Blade 4 B fine:	
			0 to 100%	
36	50		Shape Rotation:	
			-60° -> 60°	
	51		Shape Rotation fine:	
			Fine control of Shape Rotation	
PAN/TILT SPEED				
	52	000 - 255	Max to Min speed	
DIM MODES				
37	53	000 - 020	Standard	
		021 - 040	Stage	
		041 - 060	TV	
		061 - 080	Architectural	
		081 - 100	Theatre	
		101 - 255	Default Settings (Hold 3s)	
DEVICE SETTINGS				
38	54	000 - 005	No function	
		006 - 010	On Display Backlight (Hold 3s)	
		011 - 015	OFF Display Backlight (Hold 3s)	
		016 - 020	Invert Pan off (Hold 3s)	
		021 - 025	Invert Pan on (Hold 3s)	
		026 - 030	Invert Tilt off (Hold 3s)	
		031 - 035	Invert Tilt on (Hold 3s)	
		036 - 040	Fan Auto (Hold 3s)	
		041 - 045	Fan Silent (Hold 3s)	
		046 - 050	Fan High (Hold 3s)	
		051 - 055	Fan Ultra Silent (Hold 3s)	
		056 - 060	Linear Dimmer Curve (hold 3s)	
		061 - 065	Square Dimmer Curve (hold 3s)	
		066 - 070	Inv-Square Dimmer Curve (hold 3s)	
		071 - 075	S - Dimmer Curve (hold 3s)	
		076 - 080	Led Freq. 1200 Hz (hold 3s)	
		081 - 085	Led Freq. 3600 Hz (hold 3s)	

	086 - 090	Led Freq. 5000 Hz (hold 3s)	
	091 - 095	Led Freq. 10.000 Hz (hold 3s)	
	096 - 100	Led Freq. 15.000 Hz (hold 3s)	
	101 - 105	Led Freq. 20.000 Hz (hold 3s)	
	106 - 110	Led Freq. 25.000 Hz (hold 3s)	
	111 - 115	Reset Pan/Tilt (Hold 3s)	
	116 - 120	Reset only Head (Hold 3s)	
	121 - 125	Reset All Functions (Hold 3s)	
	126 - 130	High Power LED Engine	
	131 - 135	High CRI LED Engine	
	136 - 140	6500 K (Default)	
	141 - 145	6000 K	
	146 - 150	3000 K	
	151 - 155	Gobo CTB auto ON (Hold 3s)	
	156 - 160	Gobo CTB auto OFF (Hold 3s)	
	161 - 165	Factory Default (Hold 3s)	
	166 - 255	No function	

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