

# NXT<sup>®</sup>

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## FLEXON L

# DMX Chart



## NXT IS NOW.

NXT LIGHTS | FLEXON L | DMX Chart | 2026 V2.0

DMX Modes

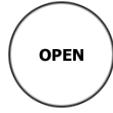




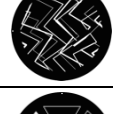






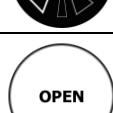

Standard Mode 46 Channel






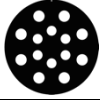
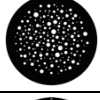
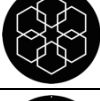
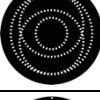

Extended Mode 60 Channel


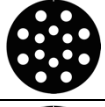
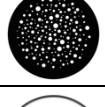




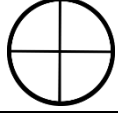
STANDARD MODE 46 CH	EXTENDED MODE 60 CH	VALUES	FUNCTION
<b>MOVEMENT</b>			
1	1	000 - 255	<b>PAN Movement 8-bit:</b> Pan Movement
2	2	000 - 255	<b>PAN Fine 16-bit:</b> Fine control of Pan movement
3	3	000 - 255	<b>TILT Movement 8-bit:</b> Tilt Movement
4	4	000 - 255	<b>Tilt Fine 16-bit:</b> Fine control of Tilt movement
5	5	000 - 255	<b>Dummy – No control</b>
<b>DIMMER (INTENSITY)</b>			
6	6	000 - 255	<b>Dimmer 8-bit:</b> Intensity 0 to 100%
7	7	000 - 255	<b>Dimmer Fine 16-bit:</b> Intensity 0 to 100%
<b>SHUTTER, STROBE</b>			
8	8	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
<b>COLOR - CMY</b>			
9	9	000 - 255	<b>Cyan:</b> 0 to 100%
	10	000 - 255	<b>Cyan Fine:</b> 0 to 100%
10	11	000 - 255	<b>Magenta:</b> 0 to 100%
	12	000 - 255	<b>Magenta Fine:</b> 0 to 100%


11	13	000 - 255	<b>Yellow:</b>	
			0 to 100%	
	14	000 - 255	<b>Yellow Fine:</b>	
			0 to 100%	
<b>CTO</b>				
12	15	000 - 255	<b>CTO</b>	
			0 to 100%	
	16	000 - 255	<b>CTO Fine:</b>	
			0 to 100%	
<b>TINT</b>				
13	17	000 - 000	Uncorrected white step	
		001 - 127	Minus green -> Uncorrected white	
		128 - 128	Uncorrected white	DEFAULT
		129 - 255	Uncorrected white -> Plus green	
	18	000 - 255	<b>TINT Fine:</b>	
			0 to 100%	
<b>COLOR WHEEL</b>				
14	19	000 - 006	Open	
		007 - 030	Color 1 - Deep Red	
		031 - 054	Color 2 - Medium Blue	
		055 - 078	Color 3 - Deep Green	
		079 - 102	Color 4 - Amber	
		103 - 126	Color 5 - CTB	
		127 - 192	Open	
		193 - 223	CW, Fast -> Slow	
		224 - 224	Stop	
		225 - 255	CCW, Slow -> Fast	
15	20	000 - 255	<b>Color Wheel Fine</b> 0% to 100%	

ROTATING GOBO 1				
16	21	000 - 005	Beam Mode	
		006 - 020	Gobo 1 - Petal Spin	
		021 - 035	Gobo 2 - Disc	
		036 - 050	Gobo 3 - Double Disc	
		051 - 065	Gobo 4 - Particles	
		066 - 080	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	
<b>ROTATING GOBO 1 INDEX</b>				
17	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	
18	23	000 - 255	<b>Rotating Gobo Index Fine:</b> 0% to 100%	
<b>ROTATING GOBO 2</b>				
19	24	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	
<b>ROTATING GOBO 2 INDEX</b>				
20	25	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	
21	26	000 - 255	<b>Rotating Gobo Index Fine:</b> 0% to 100%	
<b>ZOOM</b>				
22	27	000 - 255	Narrow to wide	
23	28	000 - 255	<b>Zoom Fine:</b> Narrow to wide 16-bit	
<b>FOCUS</b>				
24	29	000 - 255	Far to near	
25	30	000 - 255	<b>Focus Fine:</b> Far to near 16-bit	

IRIS				
26	31	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				
27	32	000 - 005	Open	
		006 - 130	6 Linear	
		131 - 255	4 Circular	
PRISM 1 INDEXING AND ROTATION				
28	33	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	
29	34	000 - 255	<b>Prism 1 Indexing Fine:</b> 0% to 100%	
FROST 1 - LIGHT FROST				
30	35	000 - 255	Min to Max	
FROST 2 - HEAVY FROST				
31	36	000 - 255	Min to Max	

ANIMATION WHEEL				
32	37	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				
33	38	000 - 255	<b>Blade 1 A:</b>	
			0 to 100%	
	39	000 - 255	<b>Blade 1 A fine:</b>	
			0 to 100%	
34	40	000 - 255	<b>Blade 1 B:</b>	
			0 to 100%	
	41	000 - 255	<b>Blade 1 B fine:</b>	
			0 to 100%	
35	42	000 - 255	<b>Blade 2 A:</b>	
			0 to 100%	
	43	000 - 255	<b>Blade 2 A fine:</b>	
			0 to 100%	
36	44	000 - 255	<b>Blade 2 B:</b>	
			0 to 100%	
	45	000 - 255	<b>Blade 2 B fine:</b>	
			0 to 100%	
37	46	000 - 255	<b>Blade 3 A:</b>	
			0 to 100%	
	47	000 - 255	<b>Blade 3 A fine:</b>	
			0 to 100%	
38	48	000 - 255	<b>Blade 3 B:</b>	
			0 to 100%	
	49	000 - 255	<b>Blade 3 B fine:</b>	
			0 to 100%	
39	50	000 - 255	<b>Blade 4 A:</b>	

			0 to 100%	
	51	000 - 255	<b>Blade 4 A fine:</b> 0 to 100%	
40	52	000 - 255	<b>Blade 4 B:</b> 0 to 100%	
	53	000 - 255	<b>Blade 4 B fine:</b> 0 to 100%	
41	54	000 - 255	<b>Shape Rotation:</b> -60° -> 60°	
	55	000 - 255	<b>Shape Rotation fine:</b> Fine control of Shape Rotation	
<b>FRAME MACRO</b>				
42	56	000 - 004	Frame Macro default	
		005 - 009	Macro 1	
		010 - 014	Macro 2	
		015 - 019	Macro 3	
		020 - 024	Macro 4	
		025 - 029	Macro 5	
		030 - 034	Macro 6	
		035 - 039	Macro 7	
		040 - 044	Macro 8	
		045 - 049	Macro 9	
		050 - 054	Macro 10	
		055 - 059	Macro 11	
		060 - 064	Macro 12	
		065 - 069	Macro 13	
		070 - 074	Macro 14	
		075 - 079	Macro 15	
		080 - 084	Macro 16	
		085 - 089	Macro 17	
		090 - 094	Macro 18	
		095 - 099	Macro 19	
		100 - 104	Macro 20	
		105 - 109	Macro 21	
		110 - 114	Macro 22	
115 - 119	Macro 23			

		120 - 124	Macro 24	
		125 - 129	Macro 25	
		130 - 134	Macro 26	
		135 - 139	Macro 27	
		140 - 144	Macro 28	
		145 - 149	Macro 29	
		150 - 154	Macro 30	
		155 - 159	Macro 31	
		160 - 164	Macro 32	
		165 - 169	Macro 33	
		170 - 174	Macro 34	
		175 - 179	Macro 35	
		180 - 184	Macro 36	
		185 - 189	Macro 37	
		190 - 194	Macro 38	
		195 - 199	Macro 39	
		200 - 204	Macro 40	
43	57	000 - 255	<b>Frame Macro Effects Speed:</b> 0% to 100%	
<b>PAN/TILT SPEED</b>				
44	58	000 - 255	Max to Min speed	
<b>LED ENGINE CONTROL</b>				
45	59	000 - 127	High Power LED Engine	Default
		128 - 255	High CRI LED Engine	
<b>DEVICE SETTINGS</b>				
46	60	000 - 005	No function	
		006 - 010	On Display Backlight (Hold 3s)	
		011 - 015	Off Display Backlight (Hold 3s)	
		016 - 025	No function	
		026 - 030	FollowSpot Mode ON (Hold 3s)	
		031 - 035	FollowSpot P/T ONLY (Hold 3s)	
		036 - 040	FollowSpot Mode OFF (Hold 3s)	
		041 - 050	No function	
		051 - 055	Factory Default (Hold 3s)	Dimmer 0, Shutter 0, hold 3s
		056 - 060	No function	

061 - 065	Fan Auto (Hold 3s)	
066 - 070	Fan High (Hold 3s)	
071 - 075	Fan Silent (Hold 3s)	
076 - 080	Fan Ultra Silent (Hold 3s)	
081 - 085	Fan Studio Mode (Hold 3s)	
086 - 090	No function	
091 - 095	Linear Dimmer Curve (hold 3s)	
096 - 100	Square Law Dimmer Curve (hold 3s)	
101 - 105	Inv-Square Dimmer Curve (hold 3s)	
106 - 110	S - Dimmer Curve (hold 3s)	
111 - 120	No function	
121 - 123	Led Freq. 1200 Hz (Hold 3s)	
124 - 126	Led Freq. 3600 Hz (Hold 3s)	
127 - 129	Led Freq. 5000 Hz (Hold 3s)	
130 - 132	Led Freq. 10.000 Hz (Hold 3s)	
133 - 135	Led Freq. 15.000 Hz (Hold 3s)	
136 - 138	Led Freq. 20.000 Hz (Hold 3s)	
139 - 141	Led Freq. 25.000 Hz (Hold 3s)	
142 - 150	No function	
151 - 155	Reset Pan/Tilt (Hold 3s)	
156 - 160	Reset only Head (Hold 3s)	
161 - 165	Reset All Functions (Hold 3s)	
166 - 170	Dim Mode Standard (Hold 3s)	
171 - 173	Dim Mode Stage (Hold 3s)	
174 - 176	Dim Mode TV (Hold 3s)	
177 - 179	Dim Mode Architectural (Hold 3s)	
180 - 182	Dim Mode Theatre (Hold 3s)	
183 - 220	No function	
221 - 225	Gobo CTB auto ON (Hold 3s)	
226 - 230	Gobo CTB auto OFF (Hold 3s)	
231 - 255	No function	

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