CYCLOPS LIGHTING

LEDE 10B

DMX CHART

2 Mode 20 - 28

20 Ch

Channel	Function	Value	Description
1	Pan	0 --> 255	540° Pan
2	Tilt	0 --> 255	270° Tilt
3	P/T Speed	0 --> 255	0% to 100% P/T Speed
4	Dimmer	0 --> 255	0% to 100% Dimmer
5	Shutter Function	0 --> 31	Close
		32 --> 63	Open
		64 --> 95	Slow to Fast Strobe
		96 --> 127	Open
		128 --> 159	Slow to Fast Pulse
		160 --> 191	Open
		192 --> 223	Slow to Fast Random Strobe
		224 --> 255	Slow to Fast Pulse
6	Color Wheel	*Fixed Color*	
		0 --> 4	Open
		5 --> 8	Open + Color 1
		9 --> 13	Color 1 Color 1
		14 --> 17	Color 1 + Color 2
		18 --> 22	Color 2 Color 2 +
		23 --> 26	Color 3 Color 3
		27 --> 31	Color 3 + Color 4
		32 --> 36	Color 4 Color 4 +
		37 --> 40	Color 5 Color 5
		41 --> 45	Color 5 + Color 6
		46 --> 49	Color 6 Color 6 +
		50 --> 54	Color 7 Color 3 +
		55 --> 58	Color 4 Color 7
		59 --> 63	Color 7 + Color 8
		64 --> 68	Color 8 Color 8 +
		69 --> 72	Color 9
		73 --> 77	
		78 --> 81	
		82 --> 86	

		87 --> 90	Color 9
		91 --> 95	Color 9 + Color 10
		96 --> 100	Color 10
		101 --> 104	Color 10 + Color 11
		105 --> 109	Color 11
		110 --> 113	Color 11 + Color 12
		114 --> 118	Color 12
		119 --> 122	Color 12 + Color 13
		123 --> 127	Color 13
		128 --> 190	Fast to Slow CW Scroll
		191 --> 192	Stop
		193 --> 255	Slow to Fast CCW Scroll
7	Gobo Wheel	*Gobos*	
		0 --> 3	Open
		4 --> 6	Gobo 1
		7 --> 10	Gobo 2
		11 --> 13	Gobo 3
		14 --> 17	Gobo 4
		18 --> 20	Gobo 5
		21 --> 24	Gobo 6
		25 --> 27	Gobo 7
		28 --> 31	Gobo 8
		32 --> 34	Gobo 9
		35 --> 38	Gobo 10
		39 --> 41	Gobo 11
		42 --> 45	Gobo 12
		46 --> 48	Gobo 13
		49 --> 52	Gobo 14
		53 --> 55	Gobo 15
		56 --> 59	Gobo 16
		60 --> 62	Gobo 17
		63 --> 66	Gobo 18
		67 --> 69	Gobo 19
		70 --> 72	Gobo 1 Slow to Fast Shake
		73 --> 76	Gobo 2 Slow to Fast Shake
		77 --> 79	Gobo 3 Slow to Fast Shake
		80 --> 82	Gobo 4 Slow to Fast Shake
		83 --> 85	Gobo 5 Slow to Fast Shake
		86 --> 89	Gobo 6 Slow to Fast Shake
		90 --> 92	Gobo 7 Slow to Fast Shake
		93 --> 95	Gobo 8 Slow to Fast Shake
		96 --> 98	Gobo 9 Slow to Fast Shake
		99 --> 102	Gobo 10 Slow to Fast Shake
		103 --> 105	Gobo 11 Slow to Fast Shake
		106 --> 108	Gobo 12 Slow to Fast Shake
		109 --> 111	Gobo 13 Slow to Fast Shake
		112 --> 115	Gobo 14 Slow to Fast Shake
		116 --> 118	Gobo 15 Slow to Fast Shake
		119 --> 121	Gobo 16 Slow to Fast Shake
		122 --> 124	Gobo 17 Slow to Fast Shake
		125 --> 128	Gobo 18 Slow to Fast Shake
		129 --> 134	Gobo 19 Slow to Fast Shake
		135 --> 193	Fast to Slow CW Scroll
		194 --> 196	Stop
		197 --> 255	Slow to Fast CCW Scroll

8	Prism	0 --> 10	Open
		11 --> 255	Prism 1
9	Prism Rotation	0 --> 127	Index
		128 --> 190	Fast to Slow CW Scroll
		191 --> 192	No Scroll
		193 --> 255	Slow to Fast CCW Scroll
10	Frost	0 --> 10	Safe
		11 --> 255	Frost
11	Macros	0 --> 9	Safe
		10 --> 19	Macro 1
		20 --> 29	Macro 2
		30 --> 39	Macro 3
		40 --> 49	Macro 4
		50 --> 59	Macro 5
		60 --> 69	Macro 6
		70 --> 79	Macro 7
		80 --> 89	Macro 8
		90 --> 99	Macro 9
		100 --> 109	Macro 10
		110 --> 119	Macro 11
		120 --> 129	Macro 12
		130 --> 139	Macro 13
		140 --> 149	Macro 14
		150 --> 159	Macro 15
		160 --> 169	Macro 16
		170 --> 255	Reserved
		0 --> 255	Focus
12	Focus	0 --> 19	Safe
		20 --> 29	Reserved
13	Special Function	30 --> 39	Dimmer Curve Square LAW
		40 --> 49	Dimmer Curve Inv Square LAE
		50 --> 59	Dimmer Curve Line
		60 --> 69	Dimmer Curve S
		70 --> 79	Move in Dark Enable
		80 --> 89	Move in Dark Disable
		90 --> 99	Black out with Color Change Enabled
		100 --> 109	Black out with Color Change Disabled
		110 --> 119	Black out with Gobo Change Enabled
		120 --> 129	Black out with Gobo Change Disabled
		130 --> 139	Dimmer Speed Default
		140 --> 149	Dimmer Speed Fast
		150 --> 159	Dimmer Speed Smooth
		160 --> 169	Reset All
		170 --> 179	Reset Effect
		180 --> 189	Reset Pan/Tilt
		190 --> 199	Reserved
		200 --> 209	Internal Program 1
		210 --> 219	Internal Program 2
		220 --> 229	Internal Program 3
		230 --> 239	Internal Program 4
		240 --> 255	Sound
		0 --> 255	0% to 100% Ring Dimmer
		0 --> 255	Slow to Fast Ring Strobe
14	Ring Dimmer		
15	Ring Strobe		

16	Ring Red	0 --> 255	0% to 100% Ring Red 0%
17	Ring Green	0 --> 255	to 100% Ring Green 0% to
18	Ring Blue	0 --> 255	100% Ring Blue Open
19	Ring Effects	0 --> 7 8 --> 12 13 --> 17 18 --> 22 23 --> 27 28 --> 37 ... 248 --> 252 253 --> 255	Effect 1 Effect 2 Effect 3 Effect 4 Effect 5 ... Effect 49 Effect 50 Slow to Fast Effect Speed
20	Ring Effect Speed	0 --> 255	

28 Ch

Channel	Function	Value	Description
1	Pan	0 --> 255	540° Pan
2	Pan Fine	0 --> 255	Pan Fine
3	Tilt	0 --> 255	270° Tilt
4	Tilt Fine	0 --> 255	Tilt Fine
5	P/T Speed	0 --> 255	0% to 100% P/T Speed
6	Dimmer	0 --> 255	0% to 100% Dimmer
7	Dimmer Fine	0 --> 255	Dimmer Fine
8	Shutter Function	0 --> 31 32 --> 63 64 --> 95 96 --> 127 128 --> 159 160 --> 191 192 --> 223 224 --> 255	Close Open Slow to Fast Strobe Open Slow to Fast Pulse Open Slow to Fast Random Strobe Slow to Fast Pulse
9	Color Wheel	*Fixed Color* 0 --> 4 5 --> 8 9 --> 13 14 --> 17 18 --> 22 23 --> 26 27 --> 31 32 --> 36 37 --> 40 41 --> 45 46 --> 49 50 --> 54 55 --> 58 59 --> 63 64 --> 68 69 --> 72 73 --> 77 78 --> 81 82 --> 86 87 --> 90 91 --> 95	Open Open + Color 1 Color 1 Color 1 + Color 2 Color 2 Color 2 + Color 3 Color 3 Color 3 + Color 4 Color 4 Color 4 + Color 5 Color 5 Color 5 + Color 6 Color 6 Color 6 + Color 7 Color 3 + Color 4 Color 7 Color 7 + Color 8 Color 8 Color 8 + Color 9 Color 9 Color 9 + Color 10

		96 --> 100	Color 10
		101 --> 104	Color 10 + Color 11
		105 --> 109	Color 11
		110 --> 113	Color 11 + Color 12
		114 --> 118	Color 12
		119 --> 122	Color 12 + Color 13
		123 --> 127	Color 13
		128 --> 190	Fast to Slow CW Scroll
		191 --> 192	Stop
		193 --> 255	Slow to Fast CCW Scroll
10	Color Wheel Fine	0 --> 255	Color Wheel Fine
11	Gobo Wheel	*Gobos*	
		0 --> 3	Open
		4 --> 6	Gobo 1
		7 --> 10	Gobo 2
		11 --> 13	Gobo 3
		14 --> 17	Gobo 4
		18 --> 20	Gobo 5
		21 --> 24	Gobo 6
		25 --> 27	Gobo 7
		28 --> 31	Gobo 8
		32 --> 34	Gobo 9
		35 --> 38	Gobo 10
		39 --> 41	Gobo 11
		42 --> 45	Gobo 12
		46 --> 48	Gobo 13
		49 --> 52	Gobo 14
		53 --> 55	Gobo 15
		56 --> 59	Gobo 16
		60 --> 62	Gobo 17
		63 --> 66	Gobo 18
		67 --> 69	Gobo 19
		70 --> 72	Gobo 1 Slow to Fast Shake
		73 --> 76	Gobo 2 Slow to Fast Shake
		77 --> 79	Gobo 3 Slow to Fast Shake
		80 --> 82	Gobo 4 Slow to Fast Shake
		83 --> 85	Gobo 5 Slow to Fast Shake
		86 --> 89	Gobo 6 Slow to Fast Shake
		90 --> 92	Gobo 7 Slow to Fast Shake
		93 --> 95	Gobo 8 Slow to Fast Shake
		96 --> 98	Gobo 9 Slow to Fast Shake
		99 --> 102	Gobo 10 Slow to Fast Shake
		103 --> 105	Gobo 11 Slow to Fast Shake
		106 --> 108	Gobo 12 Slow to Fast Shake
		109 --> 111	Gobo 13 Slow to Fast Shake
		112 --> 115	Gobo 14 Slow to Fast Shake
		116 --> 118	Gobo 15 Slow to Fast Shake
		119 --> 121	Gobo 16 Slow to Fast Shake
		122 --> 124	Gobo 17 Slow to Fast Shake
		125 --> 128	Gobo 18 Slow to Fast Shake
		129 --> 134	Gobo 19 Slow to Fast Shake
		135 --> 193	Fast to Slow CW Scroll
		194 --> 196	Stop
		197 --> 255	Slow to Fast CCW Scroll

12	Gobo Wheel Fine	0 --> 255	Gobo Wheel Fine
13	Prism	0 --> 10	Open
		11 --> 255	Prism 1
14	Prism Rotation	0 --> 127	Index
		128 --> 190	Fast to Slow CW Scroll
		191 --> 192	No Scroll
		193 --> 255	Slow to Fast CCW Scroll
			Prism Rotation Fine
15	Prism Rotation Fine	0 --> 255	Safe
16	Frost	0 --> 10	Frost
	Frost Fine	11 --> 255	Frost Fine
17		0 --> 255	Safe
18	Macros	0 --> 9	Macro 1
		10 --> 19	Macro 2
		20 --> 29	Macro 3
		30 --> 39	Macro 4
		40 --> 49	Macro 5
		50 --> 59	Macro 6
		60 --> 69	Macro 7
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		90 --> 99	Macro 10
		100 --> 109	Macro 11
		110 --> 119	Macro 12
		120 --> 129	Macro 13
		130 --> 139	Macro 14
		140 --> 149	Macro 15
		150 --> 159	Macro 16
		160 --> 169	Reserved
		170 --> 255	Focus
19	Focus	0 --> 255	Focus Fine
20	Focus Fine	0 --> 19	Safe
21	Special Function	20 --> 29	Reserved
		30 --> 39	Dimmer Curve Square LAW
		40 --> 49	Dimmer Curve Inv Square LAE
		50 --> 59	Dimmer Curve Line
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		130 --> 139	Dimmer Speed Default
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		150 --> 159	Dimmer Speed Smooth
		160 --> 169	Reset All
		170 --> 179	Reset Effect
		180 --> 189	Reset Pan/Tilt
		190 --> 199	Reserved
		200 --> 209	Internal Program 1
		210 --> 219	Internal Program 2
		220 --> 229	Internal Program 3
		230 --> 239	Internal Program 4
		240 --> 255	

22	Ring Dimmer	0 --> 255	0% to 100% Ring Dimmer
23	Ring Strobe	0 --> 255	Slow to Fast Ring Strobe
24	Ring Red	0 --> 255	0% to 100% Ring Red
25	Ring Green	0 --> 255	0% to 100% Ring Green
26	Ring Blue	0 --> 255	0% to 100% Ring Blue
27	Ring Effects	0 --> 7	Open
		8 --> 12	Effect 1
		13 --> 17	Effect 2
		18 --> 22	Effect 3
		23 --> 27	Effect 4
		28 --> 37	Effect 5
		...	...
		248 --> 252	Effect 49 Effect 50 Slow to
		253 --> 255	Fast Effect Speed
28	Ring Effect Speed	0 --> 255	