



Starway

ENZO wet

IP65



DMX

ENZO WET STANDARD MODE

Channel	Value	Function
1	000 - 255	PAN Movement 8bit
2	000 - 255	Pan Fine 16bit
3	000 - 255	TILT Movement 8bit
4	000 - 255	Tilt Fine 16bit
5	000 - 255	Speed pan/tilt movement
6	000 - 255	Cyan 8bit
7	000 - 255	Magenta 8bit
8	000 - 255	Yellow 8bit
9	000 - 255	CTO 8bit
10	Color Wheel	
	000 - 004	Open
	005 - 017	Split Open - Plasa Red LEE#029
	018 - 030	Plasa Red LEE#029
	031 - 043	Split Plasa Red LEE#029 - Tokyo Blue LEE#071
	044 - 056	Tokyo Blue LEE#071
	057 - 069	Split Tokyo Blue LEE#071 - Twickenham Green LEE#736
	070 - 082	Twickenham Green LEE#736
	083 - 095	Split Twickenham Green LEE#736 - Deep Amber LEE#104
	096 - 108	Deep Amber LEE#104
	109 - 121	Split Deep Amber LEE#104 - AS Golden Amber LEE#780
	122 - 134	AS Golden Amber LEE#780
	135 - 147	Split AS Golden Amber LEE#780 - High CRI
	148 - 160	High CRI
	161 - 173	Split High CRI - Eighth C.T. Blue LEE#218
	174 - 186	Eighth C.T. Blue LEE#218
	187 - 199	Split Eighth C.T. Blue LEE#218 - Open
	200 - 226	Colour wheel clockwise from fast to slow
	227 - 228	Stop
	229 - 255	Colour wheel counterclockwise from slow to fast
11	Rotating gobos, cont. Rotation	
	000 - 009	Open
	010 - 019	Gobo 1
	020 - 029	Gobo 2
	030 - 039	Gobo 3
	040 - 049	Gobo 4
	050 - 059	Gobo 5
	060 - 069	Gobo 6
	070 - 079	Gobo 7
	080 - 094	Gobo 1 shake, from slow to fast
	095 - 109	Gobo 2 shake, from slow to fast
	110 - 124	Gobo 3 shake, from slow to fast
	125 - 139	Gobo 4 shake, from slow to fast
	140 - 154	Gobo 5 shake, from slow to fast
	155 - 169	Gobo 6 shake, from slow to fast
	170 - 189	Gobo 7 shake, from slow to fast
	190 - 221	Rotating gobo wheel clockwise from fast to slow
	222 - 223	Stop
	224 - 255	Rotating gobo wheel counterclockwise from slow to fast

12	Rotating gobo index, rotating gobo rotation (8Bit)	
	000 - 127	GoboRot indexing
	128 - 189	GoboRot clockwise from fast to slow
	190 - 193	Stop
	194 - 255	GoboRot counterclockwise from slow to fast
13	Fixed Gobos Wheel	
	000 - 005	Open
	006 - 014	FixedGobo1
	015 - 023	FixedGobo 2
	024 - 032	FixedGobo 3
	033 - 041	FixedGobo 4
	042 - 050	FixedGobo 5
	051 - 059	FixedGobo 6
	060 - 068	FixedGobo 7
	069 - 077	FixedGobo 8
	078 - 091	FixedGobo 1 shake, from slow to fast
	092 - 105	FixedGobo 2 shake, from slow to fast
	106 - 119	FixedGobo 3 shake, from slow to fast
	120 - 133	FixedGobo 4 shake, from slow to fast
	134 - 147	FixedGobo 5 shake, from slow to fast
	148 - 161	FixedGobo 6 shake, from slow to fast
	162 - 175	FixedGobo 7 shake, from slow to fast
176 - 189	FixedGobo 8 shake, from slow to fast	
190 - 221	Rotating gobo wheel clockwise from fast to slow	
222 - 223	Stop	
224 - 255	Rotating gobo wheel counterclockwise from slow to fast	
14	Animation Wheel	
	000 - 005	Animation Rot. OFF
	006 - 128	Animation Index 0 ... 540°
	129 - 191	Clockwise Animation Rotation, Fast -> Slow
	192 - 192	No Rotation
193 - 255	Counterclockwise Animation Rotation, Slow-> Fast	
15	Prism1	
	000 - 031	Open
	032 - 255	5 facets linear prism
16	Rotating prism1 index, rotating prism 1 rotation	
	000 - 127	Prism1 indexing
	128 - 189	Forwards prism1 rotation from fast to slow
	190 - 193	Stop
194 - 255	Backwards prism1 rotation from slow to fast	
17	Prism2	
	000 - 031	Open
	032 - 255	3 facet prism
18	Rotating prism2 index, rotating prism2 rotation	
	000 - 127	Prism2 indexing
	128 - 189	Forwards prism2 rotation from fast to slow
	190 - 193	Stop
194 - 255	Backwards prism2 rotation from slow to fast	

19	Medium Frost	
	000 - 225	Frost:0 – 100%(Linear)
	227 - 235	Pulse opening effect from fast to slow
	236 - 245	Pulse closing effect from slow to fast
	246 - 255	Frost at 100%
20	Heavy Frost	
	000 - 225	Frost:0 – 100%(Linear)
	227 - 235	Pulse opening effect from fast to slow
	236 - 245	Pulse closing effect from slow to fast
	246 - 255	Frost at 100%
21	Iris	
	000 - 225	Iris:0 – 100%(Linear)
	226 - 235	Pulse opening effect from slow to fast
	236 - 245	Pulse closing effect from slow to fast
	246 - 255	Iris rotation slow to fast
22	000 - 255	Zoom wide to narrow
23	000 - 255	Zoom-fine (16Bit)
24	000 - 255	Focus
25	000 - 255	Focus-fine (16Bit)
26	000 - 255	Framing shutters module rotation 0° to 90°
27	000 - 255	Framing shutters module rotation Fine (16Bit)
28	000 - 255	Framing shutters 1 - Insert or AngleA
29	000 - 255	Framing shutters 1 - Angle or AngleB
30	000 - 255	Framing shutters 2 - Insert or AngleA
31	000 - 255	Framing shutters 2 - Angle or AngleB
32	000 - 255	Framing shutters 3 - Insert or AngleA
33	000 - 255	Framing shutters 3 - Angle or AngleB
34	000 - 255	Framing shutters 4 - Insert or AngleA
35	000 - 255	Framing shutters 4 - Angle or AngleB
36	Shutter, strobe	
	000 - 031	No function (shutter closed)
	032 - 063	No action,shutter open
	064 - 095	Slow to fast strobe
	096 - 127	No action,shutter open
	128 - 159	Slow to fast pulse effect
	160 - 191	No action,shutter open
	192 - 223	Slow to fast random strobe
224 - 255	No action,shutter open	
37	000 - 255	Dimmer (8Bit)
38	000 - 255	Dimmer Fine (16-Bit)
39	Dim Modes	
	000 - 020	Standard
	021 - 040	Stage
	041 - 060	TV
	061 - 080	Architectural
	081 - 100	Theater
	101 - 255	Default to Unit Setting

40	Control
	000 - 005 Idle
	006 - 011 Invert Pan On (Hold 3s)
	012 - 017 Invert Pan Off (Hold 3s)
	018 - 023 Invert Tilt On (Hold 3s)
	024 - 029 Invert Tilt Off (Hold 3s)
	030 - 047 Gobo CTC auto On (Hold 3s)
	048 - 053 Gobo CTC auto Off (Hold 3s)
	054 - 056 Framing Control Closing A+B
	057 - 059 Framing Control Angle
	060 - 065 Fan Control - Low (Hold 3s)
	066 - 071 Fan Control - Auto (Default) (Hold 3s)
	072 - 077 Fan Control -High (Hold 3s)
	078 - 089 Dimmer Curve Linear (Hold 3s)
	090 - 101 Dimmer Curve Square (default) (Hold 3s)
	102 - 113 Dimmer Curve Inverse Square (Hold 3s)
	114 - 125 Dimmer Curve S-Curve (Hold 3s)
	126 - 131 Led Freq. 900 Hz (hold 3s)
	132 - 137 Led Freq. 1000 Hz (hold 3s)
	138 - 143 Led Freq. 1100 Hz (hold 3s)
	144 - 149 Led Freq. 1200 Hz (hold 3s)
	150 - 155 Led Freq. 1300 Hz (hold 3s)
	156 - 161 Led Freq. 1400 Hz (hold 3s)
	162 - 167 Led Freq. 1500 Hz (hold 3s)
	168 - 173 Led Freq. 2500 Hz (hold 3s)
	174 - 179 Led Freq. 4000 Hz (hold 3s)
	180 - 185 Led Freq. 5000 Hz (hold 3s)
	186 - 191 Led Freq. 10000 Hz (hold 3s)
	192 - 197 Led Freq. 15000 Hz (hold 3s)
	198 - 203 Led Freq. 20000 Hz (hold 3s)
	204 - 209 Led Freq. 25000 Hz (hold 3s)
	210 - 215 P/T motor reset (hold 3s)
	216 - 221 CMY motor reset (hold 3s)
222 - 227 Gobo motor reset (hold 3s)	
228 - 233 Blade motor reset (hold 3s)	
234 - 239 Other motor reset (hold 3s)	
240 - 245 Reset ALL (hold 3s)	
246 - 250 Enable Color Wheel Index to any position (Hold 3s)	
251 - 255 Disable Color Wheel Index to any position (Hold 3s)	

ENZO WET ENHANCED MODE

Channel	Value	Function
1	000 - 255	PAN Movement 8bit
2	000 - 255	Pan Fine 16bit
3	000 - 255	TILT Movement 8bit
4	000 - 255	Tilt Fine 16bit
5	000 - 255	Speed pan/tilt movement
6	000 - 255	Cyan 8bit
7	000 - 255	Cyan 16bit
8	000 - 255	Magenta 8bit
9	000 - 255	Magenta 16bit
10	000 - 255	Yellow 8bit
11	000 - 255	Yellow 16bit
12	000 - 255	CTO 8bit
13	000 - 255	CTO 16bit
14	Color Wheel	
	000 - 004	Open
	005 - 017	Split Open - Plasa Red LEE#029
	018 - 030	Plasa Red LEE#029
	031 - 043	Split Plasa Red LEE#029 - Tokyo Blue LEE#071
	044 - 056	Tokyo Blue LEE#071
	057 - 069	Split Tokyo Blue LEE#071 - Twickenham Green LEE#736
	070 - 082	Twickenham Green LEE#736
	083 - 095	Split Twickenham Green LEE#736 - Deep Amber LEE#104
	096 - 108	Deep Amber LEE#104
	109 - 121	Split Deep Amber LEE#104 - AS Golden Amber LEE#780
	122 - 134	AS Golden Amber LEE#780
	135 - 147	Split AS Golden Amber LEE#780 - High CRI
	148 - 160	High CRI
	161 - 173	Split High CRI - Eighth C.T. Blue LEE#218
	174 - 186	Eighth C.T. Blue LEE#218
	187 - 199	Split Eighth C.T. Blue LEE#218 - Open
	200 - 226	Colour wheel clockwise from fast to slow
	227 - 228	Stop
	229 - 255	Colour wheel counterclockwise from slow to fast
15	Rotating gobos, cont. Rotation	
	000 - 009	Open
	010 - 019	Gobo 1
	020 - 029	Gobo 2
	030 - 039	Gobo 3
	040 - 049	Gobo 4
	050 - 059	Gobo 5
	060 - 069	Gobo 6
	070 - 079	Gobo 7
	080 - 094	Gobo 1 shake, from slow to fast
	095 - 109	Gobo 2 shake, from slow to fast
	110 - 124	Gobo 3 shake, from slow to fast
	125 - 139	Gobo 4 shake, from slow to fast
	140 - 154	Gobo 5 shake, from slow to fast
	155 - 169	Gobo 6 shake, from slow to fast
	170 - 189	Gobo 7 shake, from slow to fast
	190 - 221	Rotating gobo wheel clockwise from fast to slow
	222 - 223	Stop
	224 - 255	Rotating gobo wheel counterclockwise from slow to fast

16	Rotating gobo index, rotating gobo rotation (8Bit)	
	000 - 127	GoboRot indexing
	128 - 189	GoboRot clockwise from fast to slow
	190 - 193	Stop
17	194 - 255	GoboRot counterclockwise from slow to fast
	000 - 255 Index fine (16Bit)	
	Fixed Gobos Wheel	
	000 - 005	Open
18	006 - 014	FixedGobo1
	015 - 023	FixedGobo 2
	024 - 032	FixedGobo 3
	033 - 041	FixedGobo 4
	042 - 050	FixedGobo 5
	051 - 059	FixedGobo 6
	060 - 068	FixedGobo 7
	069 - 077	FixedGobo 8
	078 - 091	FixedGobo 1 shake, from slow to fast
	092 - 105	FixedGobo 2 shake, from slow to fast
	106 - 119	FixedGobo 3 shake, from slow to fast
	120 - 133	FixedGobo 4 shake, from slow to fast
	134 - 147	FixedGobo 5 shake, from slow to fast
	148 - 161	FixedGobo 6 shake, from slow to fast
	162 - 175	FixedGobo 7 shake, from slow to fast
	176 - 189	FixedGobo 8 shake, from slow to fast
19	190 - 221	Rotating gobo wheel clockwise from fast to slow
	222 - 223	Stop
	224 - 255	Rotating gobo wheel counterclockwise from slow to fast
	Animation Wheel	
	000 - 005	Animation Rot. OFF
	006 - 128	Animation Index 0 ... 540°
20	129 - 191	Clockwise Animation Rotation, Fast -> Slow
	192 - 192	No Rotation
	193 - 255	Counterclockwise Animation Rotation, Slow-> Fast
	Prism1	
21	000 - 031	Open
	032 - 255	5 facets linear prism
22	Rotating prism1 index, rotating prism 1 rotation	
	000 - 127	Prism1 indexing
	128 - 189	Forwards prism1 rotation from fast to slow
	190 - 193	Stop
23	194 - 255	Backwards prism1 rotation from slow to fast
	Prism2	
24	000 - 031	Open
	032 - 255	3 facet prism
	Rotating prism2 index, rotating prism2 rotation	
	000 - 127	Prism2 indexing
	128 - 189	Forwards prism2 rotation from fast to slow
25	190 - 193	Stop
	194 - 255	Backwards prism2 rotation from slow to fast

24	Medium Frost	
	000 - 225	Frost:0 – 100%(Linear)
	227 - 235	Pulse opening effect from fast to slow
	236 - 245	Pulse closing effect from slow to fast
	246 - 255	Frost at 100%
25	Heavy Frost	
	000 - 225	Frost:0 – 100%(Linear)
	227 - 235	Pulse opening effect from fast to slow
	236 - 245	Pulse closing effect from slow to fast
	246 - 255	Frost at 100%
26	Iris	
	000 - 225	Iris:0 – 100%(Linear)
	226 - 235	Pulse opening effect from slow to fast
	236 - 245	Pulse closing effect from slow to fast
	246 - 255	Iris rotation slow to fast
27	000 - 255	Iris-fine
28	000 - 255	Zoom wide to narrow
29	000 - 255	Zoom-fine (16Bit)
30	000 - 255	Focus
31	000 - 255	Focus-fine (16Bit)
32	000 - 255	Framing shutters module rotation 0° to 90°
33	000 - 255	Framing shutters module rotation Fine (16Bit)
34	000 - 255	Framing shutters 1 - Insert or AngleA
35	000 - 255	Framing shutters 1 - Insert or AngleA (16Bit)
36	000 - 255	Framing shutters 1 - Angle or AngleB
37	000 - 255	Framing shutters 1 - Angle or AngleB (16Bit)
38	000 - 255	Framing shutters 2 - Insert or AngleA
39	000 - 255	Framing shutters 2 - Insert or AngleA (16Bit)
40	000 - 255	Framing shutters 2 - Angle or AngleB
41	000 - 255	Framing shutters 2 - Angle or AngleB (16Bit)
42	000 - 255	Framing shutters 3 - Insert or AngleA
43	000 - 255	Framing shutters 3 - Insert or AngleA (16Bit)
44	000 - 255	Framing shutters 3 - Angle or AngleB
45	000 - 255	Framing shutters 3 - Angle or AngleB (16Bit)
46	000 - 255	Framing shutters 4 - Insert or AngleA
47	000 - 255	Framing shutters 4 - Insert or AngleA (16Bit)
48	000 - 255	Framing shutters 4 - Angle or AngleB
49	000 - 255	Framing shutters 4 - Angle or AngleB (16Bit)
50	Shutter, strobe	
	000 - 031	No function (shutter closed)
	032 - 063	No action,shutter open
	064 - 095	Slow to fast strobe
	096 - 127	No action,shutter open
	128 - 159	Slow to fast pulse effect
	160 - 191	No action,shutter open
	192 - 223	Slow to fast random strobe
	224 - 255	No action,shutter open
51	000 - 255	Dimmer (8Bit)
52	000 - 255	Dimmer Fine (16-Bit)

53	Dim Modes	
	000 - 020	Standard
	021 - 040	Stage
	041 - 060	TV
	061 - 080	Architectural
	081 - 100	Theater
	101 - 255	Default to Unit Setting
54	Control	
	000 - 005	Idle
	006 - 011	Invert Pan On (Hold 3s)
	012 - 017	Invert Pan Off (Hold 3s)
	018 - 023	Invert Tilt On (Hold 3s)
	024 - 029	Invert Tilt Off (Hold 3s)
	030 - 047	Gobo CTC auto On (Hold 3s)
	048 - 053	Gobo CTC auto Off (Hold 3s)
	054 - 056	Framing Control Closing A+B
	057 - 059	Framing Control Angle
	060 - 065	Fan Control - Low (Hold 3s)
	066 - 071	Fan Control - Auto (Default) (Hold 3s)
	072 - 077	Fan Control -High (Hold 3s)
	078 - 089	Dimmer Curve Linear (Hold 3s)
	090 - 101	Dimmer Curve Square (default) (Hold 3s)
	102 - 113	Dimmer Curve Inverse Square (Hold 3s)
	114 - 125	Dimmer Curve S-Curve (Hold 3s)
	126 - 131	Led Freq. 900 Hz (hold 3s)
	132 - 137	Led Freq. 1000 Hz (hold 3s)
	138 - 143	Led Freq. 1100 Hz (hold 3s)
	144 - 149	Led Freq. 1200 Hz (hold 3s)
	150 - 155	Led Freq. 1300 Hz (hold 3s)
	156 - 161	Led Freq. 1400 Hz (hold 3s)
	162 - 167	Led Freq. 1500 Hz (hold 3s)
	168 - 173	Led Freq. 2500 Hz (hold 3s)
	174 - 179	Led Freq. 4000 Hz (hold 3s)
	180 - 185	Led Freq. 5000 Hz (hold 3s)
	186 - 191	Led Freq. 10000 Hz (hold 3s)
	192 - 197	Led Freq. 15000 Hz (hold 3s)
	198 - 203	Led Freq. 20000 Hz (hold 3s)
	204 - 209	Led Freq. 25000 Hz (hold 3s)
	210 - 215	P/T motor reset (hold 3s)
	216 - 221	CMY motor reset (hold 3s)
	222 - 227	Gobo motor reset (hold 3s)
228 - 233	Blade motor reset (hold 3s)	
234 - 239	Other motor reset (hold 3s)	
240 - 245	Reset ALL (hold 3s)	
246 - 250	Enable Color Wheel Index to any position (Hold 3s)	
251 - 255	Disable Color Wheel Index to any position (Hold 3s)	

ENZO COMPATIBLE MODES

Dans ce mode le medium frost est désactivé pour être compatible avec Enzo (indoor).

In this mode, the medium frost is deactivated to be compatible with Enzo (indoor).

ENZO BASIC MODE compatible

Canaux	Value	Function
1	000 - 255	PAN Movement 8bit
2	000 - 255	Pan Fine 16bit
3	000 - 255	TILT Movement 8bit
4	000 - 255	Tilt Fine 16bit
5	000 - 255	Speed pan/tilt movement
6	000 - 255	Cyan 8bit
7	000 - 255	Magenta 8bit
8	000 - 255	Yellow 8bit
9	000 - 255	CTO 8bit
10	Color Wheel	
	000 - 004	Open
	005 - 017	Split Open - Plasa Red LEE#029
	018 - 030	Plasa Red LEE#029
	031 - 043	Split Plasa Red LEE#029 - Tokyo Blue LEE#071
	044 - 056	Tokyo Blue LEE#071
	057 - 069	Split Tokyo Blue LEE#071 - Twickenham Green LEE#736
	070 - 082	Twickenham Green LEE#736
	083 - 095	Split Twickenham Green LEE#736 - Deep Amber LEE#104
	096 - 108	Deep Amber LEE#104
	109 - 121	Split Deep Amber LEE#104 - AS Golden Amber LEE#780
	122 - 134	AS Golden Amber LEE#780
	135 - 147	Split AS Golden Amber LEE#780 - High CRI
	148 - 160	High CRI
	161 - 173	Split High CRI - Eighth C.T. Blue LEE#218
	174 - 186	Eighth C.T. Blue LEE#218
	187 - 199	Split Eighth C.T. Blue LEE#218 - Open
	200 - 226	Colour wheel clockwise from fast to slow
227 - 228	Stop	
229 - 255	Colour wheel counterclockwise from slow to fast	
11	Rotating gobos, cont. Rotation	
	000 - 009	Open
	010 - 019	Gobo 1
	020 - 029	Gobo 2
	030 - 039	Gobo 3
	040 - 049	Gobo 4
	050 - 059	Gobo 5
	060 - 069	Gobo 6
	070 - 079	Gobo 7
	080 - 094	Gobo 1 shake, from slow to fast
	095 - 109	Gobo 2 shake, from slow to fast
	110 - 124	Gobo 3 shake, from slow to fast
	125 - 139	Gobo 4 shake, from slow to fast
	140 - 154	Gobo 5 shake, from slow to fast
	155 - 169	Gobo 6 shake, from slow to fast
	170 - 189	Gobo 7 shake, from slow to fast
	190 - 221	Rotating gobo wheel clockwise from fast to slow
	222 - 223	Stop
224 - 255	Rotating gobo wheel counterclockwise from slow to fast	

12	Rotating gobo index, rotating gobo rotation (8Bit)	
	000 - 127	GoboRot indexing
	128 - 189	GoboRot clockwise from fast to slow
	190 - 193	Stop
	194 - 255	GoboRot counterclockwise from slow to fast
13	Fixed Gobos Wheel	
	000 - 005	Open
	006 - 014	FixedGobo1
	015 - 023	FixedGobo 2
	024 - 032	FixedGobo 3
	033 - 041	FixedGobo 4
	042 - 050	FixedGobo 5
	051 - 059	FixedGobo 6
	060 - 068	FixedGobo 7
	069 - 077	FixedGobo 8
	078 - 091	FixedGobo 1 shake, from slow to fast
	092 - 105	FixedGobo 2 shake, from slow to fast
	106 - 119	FixedGobo 3 shake, from slow to fast
	120 - 133	FixedGobo 4 shake, from slow to fast
	134 - 147	FixedGobo 5 shake, from slow to fast
	148 - 161	FixedGobo 6 shake, from slow to fast
	162 - 175	FixedGobo 7 shake, from slow to fast
176 - 189	FixedGobo 8 shake, from slow to fast	
190 - 221	Rotating gobo wheel clockwise from fast to slow	
222 - 223	Stop	
224 - 255	Rotating gobo wheel counterclockwise from slow to fast	
14	Animation Wheel	
	000 - 005	Animation Rot. OFF
	006 - 128	Animation Index 0 ... 540°
	129 - 191	Clockwise Animation Rotation, Fast -> Slow
	192 - 192	No Rotation
193 - 255	Counterclockwise Animation Rotation, Slow-> Fast	
15	Prism1	
	000 - 031	Open
	032 - 255	5 facets linear prism
16	Rotating prism1 index, rotating prism 1 rotation	
	000 - 127	Prism1 indexing
	128 - 189	Forwards prism1 rotation from fast to slow
	190 - 193	Stop
194 - 255	Backwards prism1 rotation from slow to fast	
17	Prism2	
	000 - 031	Open
	032 - 255	3 facet prism
18	Rotating prism2 index, rotating prism2 rotation	
	000 - 127	Prism2 indexing
	128 - 189	Forwards prism2 rotation from fast to slow
	190 - 193	Stop
194 - 255	Backwards prism2 rotation from slow to fast	

19	Frost	
	000 - 225	Frost:0 – 100%(Linear)
	227 - 235	Pulse opening effect from fast to slow
	236 - 245	Pulse closing effect from slow to fast
	246 - 255	Frost at 100%
20	Iris	
	000 - 225	Iris:0 – 100%(Linear)
	226 - 235	Pulse opening effect from slow to fast
	236 - 245	Pulse closing effect from slow to fast
	246 - 255	Iris rotation slow to fast
21	000 - 255	Zoom wide to narrow
22	000 - 255	Focus
23	000 - 255	Framing shutters module rotation 0° to 90°
24	000 - 255	Framing shutters module rotation Fine (16Bit)
25	000 - 255	Framing shutters 1 - Insert or AngleA
26	000 - 255	Framing shutters 1 - Angle or AngleB
27	000 - 255	Framing shutters 2 - Insert or AngleA
28	000 - 255	Framing shutters 2 - Angle or AngleB
29	000 - 255	Framing shutters 3 - Insert or AngleA
30	000 - 255	Framing shutters 3 - Angle or AngleB
31	000 - 255	Framing shutters 4 - Insert or AngleA
32	000 - 255	Framing shutters 4 - Angle or AngleB
33	Shutter, strobe	
	000 - 031	No function (shutter closed)
	032 - 063	No action,shutter open
	064 - 095	Slow to fast strobe
	096 - 127	No action,shutter open
	128 - 159	Slow to fast pulse effect
	160 - 191	No action,shutter open
	192 - 223	Slow to fast random strobe
	224 - 255	No action,shutter open
34	000 - 255	Dimmer (8Bit)
35	Dim Modes	
	000 - 020	Standard
	021 - 040	Stage
	041 - 060	TV
	061 - 080	Architectural
	081 - 100	Theater
	101 - 255	Default to Unit Setting

36	Control	
	000 - 005	Idle
	006 - 011	Invert Pan On (Hold 3s)
	012 - 017	Invert Pan Off (Hold 3s)
	018 - 023	Invert Tilt On (Hold 3s)
	024 - 029	Invert Tilt Off (Hold 3s)
	030 - 047	Gobo CTC auto On (Hold 3s)
	048 - 053	Gobo CTC auto Off (Hold 3s)
	054 - 056	Framing Control Closing A+B
	057 - 059	Framing Control Angle
	060 - 065	Fan Control - Low (Hold 3s)
	066 - 071	Fan Control - Auto (Default) (Hold 3s)
	072 - 077	Fan Control -High (Hold 3s)
	078 - 089	Dimmer Curve Linear (Hold 3s)
	090 - 101	Dimmer Curve Square (default) (Hold 3s)
	102 - 113	Dimmer Curve Inverse Square (Hold 3s)
	114 - 125	Dimmer Curve S-Curve (Hold 3s)
	126 - 131	Led Freq. 900 Hz (hold 3s)
	132 - 137	Led Freq. 1000 Hz (hold 3s)
	138 - 143	Led Freq. 1100 Hz (hold 3s)
	144 - 149	Led Freq. 1200 Hz (hold 3s)
	150 - 155	Led Freq. 1300 Hz (hold 3s)
	156 - 161	Led Freq. 1400 Hz (hold 3s)
	162 - 167	Led Freq. 1500 Hz (hold 3s)
	168 - 173	Led Freq. 2500 Hz (hold 3s)
	174 - 179	Led Freq. 4000 Hz (hold 3s)
	180 - 185	Led Freq. 5000 Hz (hold 3s)
	186 - 191	Led Freq. 10000 Hz (hold 3s)
	192 - 197	Led Freq. 15000 Hz (hold 3s)
	198 - 203	Led Freq. 20000 Hz (hold 3s)
	204 - 209	Led Freq. 25000 Hz (hold 3s)
	210 - 215	P/T motor reset (hold 3s)
	216 - 221	CMY motor reset (hold 3s)
	222 - 227	Gobo motor reset (hold 3s)
	228 - 233	Blade motor reset (hold 3s)
	234 - 239	Other motor reset (hold 3s)
240 - 245	Reset ALL (hold 3s)	
246 - 250	Enable Color Wheel Index to any position (Hold 3s)	
251 - 255	Diable Color Wheel Index to any position (Hold 3s)	

ENZO STANDARD MODE compatible

Channel	Value	Function
1	000 - 255	PAN Movement 8bit
2	000 - 255	Pan Fine 16bit
3	000 - 255	TILT Movement 8bit
4	000 - 255	Tilt Fine 16bit
5	000 - 255	Speed pan/tilt movement
6	000 - 255	Cyan 8bit
7	000 - 255	Magenta 8bit
8	000 - 255	Yellow 8bit
9	000 - 255	CTO 8bit
10	Color Wheel	
	000 - 004	Open
	005 - 017	Split Open - Plasa Red LEE#029
	018 - 030	Plasa Red LEE#029
	031 - 043	Split Plasa Red LEE#029 - Tokyo Blue LEE#071
	044 - 056	Tokyo Blue LEE#071
	057 - 069	Split Tokyo Blue LEE#071 - Twickenham Green LEE#736
	070 - 082	Twickenham Green LEE#736
	083 - 095	Split Twickenham Green LEE#736 - Deep Amber LEE#104
	096 - 108	Deep Amber LEE#104
	109 - 121	Split Deep Amber LEE#104 - AS Golden Amber LEE#780
	122 - 134	AS Golden Amber LEE#780
	135 - 147	Split AS Golden Amber LEE#780 - High CRI
	148 - 160	High CRI
	161 - 173	Split High CRI - Eighth C.T. Blue LEE#218
	174 - 186	Eighth C.T. Blue LEE#218
	187 - 199	Split Eighth C.T. Blue LEE#218 - Open
	200 - 226	Colour wheel clockwise from fast to slow
	227 - 228	Stop
	229 - 255	Colour wheel counterclockwise from slow to fast
11	Rotating gobos, cont. Rotation	
	000 - 009	Open
	010 - 019	Gobo 1
	020 - 029	Gobo 2
	030 - 039	Gobo 3
	040 - 049	Gobo 4
	050 - 059	Gobo 5
	060 - 069	Gobo 6
	070 - 079	Gobo 7
	080 - 094	Gobo 1 shake, from slow to fast
	095 - 109	Gobo 2 shake, from slow to fast
	110 - 124	Gobo 3 shake, from slow to fast
	125 - 139	Gobo 4 shake, from slow to fast
	140 - 154	Gobo 5 shake, from slow to fast
	155 - 169	Gobo 6 shake, from slow to fast
	170 - 189	Gobo 7 shake, from slow to fast
	190 - 221	Rotating gobo wheel clockwise from fast to slow
	222 - 223	Stop
	224 - 255	Rotating gobo wheel counterclockwise from slow to fast

12	Rotating gobo index, rotating gobo rotation (8Bit)	
	000 - 127	GoboRot indexing
	128 - 189	GoboRot clockwise from fast to slow
	190 - 193	Stop
	194 - 255	GoboRot counterclockwise from slow to fast
13	Fixed Gobos Wheel	
	000 - 005	Open
	006 - 014	FixedGobo 1
	015 - 023	FixedGobo 2
	024 - 032	FixedGobo 3
	033 - 041	FixedGobo 4
	042 - 050	FixedGobo 5
	051 - 059	FixedGobo 6
	060 - 068	FixedGobo 7
	069 - 077	FixedGobo 8
	078 - 091	FixedGobo 1 shake, from slow to fast
	092 - 105	FixedGobo 2 shake, from slow to fast
	106 - 119	FixedGobo 3 shake, from slow to fast
	120 - 133	FixedGobo 4 shake, from slow to fast
	134 - 147	FixedGobo 5 shake, from slow to fast
	148 - 161	FixedGobo 6 shake, from slow to fast
	162 - 175	FixedGobo 7 shake, from slow to fast
176 - 189	FixedGobo 8 shake, from slow to fast	
190 - 221	Rotating gobo wheel clockwise from fast to slow	
222 - 223	Stop	
224 - 255	Rotating gobo wheel counterclockwise from slow to fast	
14	Animation Wheel	
	000 - 005	Animation Rot. OFF
	006 - 128	Animation Index 0 ... 540°
	129 - 191	Clockwise Animation Rotation, Fast -> Slow
	192 - 192	No Rotation
193 - 255	Counterclockwise Animation Rotation, Slow-> Fast	
15	Prism1	
	000 - 031	Open
	032 - 255	5 facets linear prism
16	Rotating prism1 index, rotating prism 1 rotation	
	000 - 127	Prism1 indexing
	128 - 189	Forwards prism1 rotation from fast to slow
	190 - 193	Stop
	194 - 255	Backwards prism1 rotation from slow to fast
17	Prism2	
	000 - 031	Open
	032 - 255	3 facet prism
18	Rotating prism2 index, rotating prism2 rotation	
	000 - 127	Prism2 indexing
	128 - 189	Forwards prism2 rotation from fast to slow
	190 - 193	Stop
	194 - 255	Backwards prism2 rotation from slow to fast
19	Frost	
	000 - 225	Frost:0 - 100%(Linear)
	227 - 235	Pulse opening effect from fast to slow
	236 - 245	Pulse closing effect from slow to fast
	246 - 255	Frost at 100%

20	Iris	
	000 - 225	Iris:0 – 100%(Linear)
	226 - 235	Pulse opening effect from slow to fast
	236 - 245	Pulse closing effect from slow to fast
	246 - 255	Iris rotation slow to fast
21	000 - 255	Zoom wide to narrow
22	000 - 255	Zoom-fine (16Bit)
23	000 - 255	Focus
24	000 - 255	Focus-fine (16Bit)
25	000 - 255	Framing shutters module rotation 0° to 90°
26	000 - 255	Framing shutters module rotation Fine (16Bit)
27	000 - 255	Framing shutters 1 - Insert or AngleA
28	000 - 255	Framing shutters 1 - Angle or AngleB
29	000 - 255	Framing shutters 2 - Insert or AngleA
30	000 - 255	Framing shutters 2 - Angle or AngleB
31	000 - 255	Framing shutters 3 - Insert or AngleA
32	000 - 255	Framing shutters 3 - Angle or AngleB
33	000 - 255	Framing shutters 4 - Insert or AngleA
34	000 - 255	Framing shutters 4 - Angle or AngleB
35	Shutter, strobe	
	000 - 031	No function (shutter closed)
	032 - 063	No action,shutter open
	064 - 095	Slow to fast strobe
	096 - 127	No action,shutter open
	128 - 159	Slow to fast pulse effect
	160 - 191	No action,shutter open
	192 - 223	Slow to fast random strobe
	224 - 255	No action,shutter open
36	000 - 255	Dimmer (8Bit)
37	000 - 255	Dimmer Fine (16-Bit)
38	Dim Modes	
	000 - 020	Standard
	021 - 040	Stage
	041 - 060	TV
	061 - 080	Architectural
	081 - 100	Theater
	101 - 255	Default to Unit Setting

39	Control	
	000 - 005	Idle
	006 - 011	Invert Pan On (Hold 3s)
	012 - 017	Invert Pan Off (Hold 3s)
	018 - 023	Invert Tilt On (Hold 3s)
	024 - 029	Invert Tilt Off (Hold 3s)
	030 - 047	Gobo CTC auto On (Hold 3s)
	048 - 053	Gobo CTC auto Off (Hold 3s)
	054 - 056	Framing Control Closing A+B
	057 - 059	Framing Control Angle
	060 - 065	Fan Control - Low (Hold 3s)
	066 - 071	Fan Control - Auto (Default) (Hold 3s)
	072 - 077	Fan Control -High (Hold 3s)
	078 - 089	Dimmer Curve Linear (Hold 3s)
	090 - 101	Dimmer Curve Square (default) (Hold 3s)
	102 - 113	Dimmer Curve Inverse Square (Hold 3s)
	114 - 125	Dimmer Curve S-Curve (Hold 3s)
	126 - 131	Led Freq. 900 Hz (hold 3s)
	132 - 137	Led Freq. 1000 Hz (hold 3s)
	138 - 143	Led Freq. 1100 Hz (hold 3s)
	144 - 149	Led Freq. 1200 Hz (hold 3s)
	150 - 155	Led Freq. 1300 Hz (hold 3s)
	156 - 161	Led Freq. 1400 Hz (hold 3s)
	162 - 167	Led Freq. 1500 Hz (hold 3s)
	168 - 173	Led Freq. 2500 Hz (hold 3s)
	174 - 179	Led Freq. 4000 Hz (hold 3s)
	180 - 185	Led Freq. 5000 Hz (hold 3s)
	186 - 191	Led Freq. 10000 Hz (hold 3s)
	192 - 197	Led Freq. 15000 Hz (hold 3s)
	198 - 203	Led Freq. 20000 Hz (hold 3s)
	204 - 209	Led Freq. 25000 Hz (hold 3s)
	210 - 215	P/T motor reset (hold 3s)
	216 - 221	CMY motor reset (hold 3s)
222 - 227	Gobo motor reset (hold 3s)	
228 - 233	Blade motor reset (hold 3s)	
234 - 239	Other motor reset (hold 3s)	
240 - 245	Reset ALL (hold 3s)	
246 - 250	Enable Color Wheel Index to any position (Hold 3s)	
251 - 255	Disable Color Wheel Index to any position (Hold 3s)	

EXTENDED MODE

Channel	Value	Function
1	000 - 255	PAN Movement 8bit
2	000 - 255	Pan Fine 16bit
3	000 - 255	TILT Movement 8bit
4	000 - 255	Tilt Fine 16bit
5	000 - 255	Speed pan/tilt movement
6	000 - 255	Cyan 8bit
7	000 - 255	Cyan 16bit
8	000 - 255	Magenta 8bit
9	000 - 255	Magenta 16bit
10	000 - 255	Yellow 8bit
11	000 - 255	Yellow 16bit
12	000 - 255	CTO 8bit
13	000 - 255	CTO 16bit
14	Color Wheel	
	000 - 004	Open
	005 - 017	Split Open - Plasa Red LEE#029
	018 - 030	Plasa Red LEE#029
	031 - 043	Split Plasa Red LEE#029 - Tokyo Blue LEE#071
	044 - 056	Tokyo Blue LEE#071
	057 - 069	Split Tokyo Blue LEE#071 - Twickenham Green LEE#736
	070 - 082	Twickenham Green LEE#736
	083 - 095	Split Twickenham Green LEE#736 - Deep Amber LEE#104
	096 - 108	Deep Amber LEE#104
	109 - 121	Split Deep Amber LEE#104 - AS Golden Amber LEE#780
	122 - 134	AS Golden Amber LEE#780
	135 - 147	Split AS Golden Amber LEE#780 - High CRI
	148 - 160	High CRI
	161 - 173	Split High CRI - Eighth C.T. Blue LEE#218
	174 - 186	Eighth C.T. Blue LEE#218
	187 - 199	Split Eighth C.T. Blue LEE#218 - Open
	200 - 226	Colour wheel clockwise from fast to slow
	227 - 228	Stop
	229 - 255	Colour wheel counterclockwise from slow to fast
15	Rotating gobos, cont. Rotation	
	000 - 009	Open
	010 - 019	Gobo 1
	020 - 029	Gobo 2
	030 - 039	Gobo 3
	040 - 049	Gobo 4
	050 - 059	Gobo 5
	060 - 069	Gobo 6
	070 - 079	Gobo 7
	080 - 094	Gobo 1 shake, from slow to fast
	095 - 109	Gobo 2 shake, from slow to fast
	110 - 124	Gobo 3 shake, from slow to fast
	125 - 139	Gobo 4 shake, from slow to fast
	140 - 154	Gobo 5 shake, from slow to fast
	155 - 169	Gobo 6 shake, from slow to fast
	170 - 189	Gobo 7 shake, from slow to fast
	190 - 221	Rotating gobo wheel clockwise from fast to slow
	222 - 223	Stop
	224 - 255	Rotating gobo wheel counterclockwise from slow to fast

16	Rotating gobo index, rotating gobo rotation (8Bit)	
	000 - 127	GoboRot indexing
	128 - 189	GoboRot clockwise from fast to slow
	190 - 193	Stop
	194 - 255	GoboRot counterclockwise from slow to fast
17	000 - 255	Index fine (16Bit)
18	Fixed Gobos Wheel	
	000 - 005	Open
	006 - 014	FixedGobo1
	015 - 023	FixedGobo 2
	024 - 032	FixedGobo 3
	033 - 041	FixedGobo 4
	042 - 050	FixedGobo 5
	051 - 059	FixedGobo 6
	060 - 068	FixedGobo 7
	069 - 077	FixedGobo 8
	078 - 091	FixedGobo 1 shake, from slow to fast
	092 - 105	FixedGobo 2 shake, from slow to fast
	106 - 119	FixedGobo 3 shake, from slow to fast
	120 - 133	FixedGobo 4 shake, from slow to fast
	134 - 147	FixedGobo 5 shake, from slow to fast
	148 - 161	FixedGobo 6 shake, from slow to fast
	162 - 175	FixedGobo 7 shake, from slow to fast
176 - 189	FixedGobo 8 shake, from slow to fast	
	190 - 221	Rotating gobo wheel clockwise from fast to slow
	222 - 223	Stop
	224 - 255	Rotating gobo wheel counterclockwise from slow to fast
19	Animation Wheel	
	000 - 005	Animation Rot. OFF
	006 - 128	Animation Index 0 ... 540°
	129 - 191	Clockwise Animation Rotation, Fast -> Slow
	192 - 192	No Rotation
	193 - 255	Counterclockwise Animation Rotation, Slow-> Fast
20	Prism1	
	000 - 031	Open
	032 - 255	5 facets linear prism
21	Rotating prism1 index, rotating prism 1 rotation	
	000 - 127	Prism1 indexing
	128 - 189	Forwards prism1 rotation from fast to slow
	190 - 193	Stop
	194 - 255	Backwards prism1 rotation from slow to fast
22	Prism2	
	000 - 031	Open
	032 - 255	3 facet prism
23	Rotating prism2 index, rotating prism2 rotation	
	000 - 127	Prism2 indexing
	128 - 189	Forwards prism2 rotation from fast to slow
	190 - 193	Stop
	194 - 255	Backwards prism2 rotation from slow to fast
24	Frost	
	000 - 225	Frost:0 - 100%(Linear)
	227 - 235	Pulse opening effect from fast to slow
	236 - 245	Pulse closing effect from slow to fast
	246 - 255	Frost at 100%

25	Iris	
	000 - 225	Iris:0 – 100%(Linear)
	226 - 235	Pulse opening effect from slow to fast
	236 - 245	Pulse closing effect from slow to fast
	246 - 255	Iris rotation slow to fast
26	000 - 255	Iris-fine
27	000 - 255	Zoom wide to narrow
28	000 - 255	Zoom-fine (16Bit)
29	000 - 255	Focus
30	000 - 255	Focus-fine (16Bit)
31	000 - 255	Framing shutters module rotation 0° to 90°
32	000 - 255	Framing shutters module rotation Fine (16Bit)
33	000 - 255	Framing shutters 1 - Insert or AngleA
34	000 - 255	Framing shutters 1 - Angle or AngleB
35	000 - 255	Framing shutters 2 - Insert or AngleA
36	000 - 255	Framing shutters 2 - Angle or AngleB
37	000 - 255	Framing shutters 3 - Insert or AngleA
38	000 - 255	Framing shutters 3 - Angle or AngleB
39	000 - 255	Framing shutters 4 - Insert or AngleA
40	000 - 255	Framing shutters 4 - Angle or AngleB
41	Shutter, strobe	
	000 - 031	No function (shutter closed)
	032 - 063	No action,shutter open
	064 - 095	Slow to fast strobe
	096 - 127	No action,shutter open
	128 - 159	Slow to fast pulse effect
	160 - 191	No action,shutter open
	192 - 223	Slow to fast random strobe
	224 - 255	No action,shutter open
42	000 - 255	Dimmer (8Bit)
43	000 - 255	Dimmer Fine (16-Bit)
44	Dim Modes	
	000 - 020	Standard
	021 - 040	Stage
	041 - 060	TV
	061 - 080	Architectural
	081 - 100	Theater
	101 - 255	Default to Unit Setting

45	Control
	000 - 005 Idle
	006 - 011 Invert Pan On (Hold 3s)
	012 - 017 Invert Pan Off (Hold 3s)
	018 - 023 Invert Tilt On (Hold 3s)
	024 - 029 Invert Tilt Off (Hold 3s)
	030 - 047 Gobo CTC auto On (Hold 3s)
	048 - 053 Gobo CTC auto Off (Hold 3s)
	054 - 056 Framing Control Closing A+B
	057 - 059 Framing Control Angle
	060 - 065 Fan Control - Low (Hold 3s)
	066 - 071 Fan Control - Auto (Default) (Hold 3s)
	072 - 077 Fan Control -High (Hold 3s)
	078 - 089 Dimmer Curve Linear (Hold 3s)
	090 - 101 Dimmer Curve Square (default) (Hold 3s)
	102 - 113 Dimmer Curve Inverse Square (Hold 3s)
	114 - 125 Dimmer Curve S-Curve (Hold 3s)
	126 - 131 Led Freq. 900 Hz (hold 3s)
	132 - 137 Led Freq. 1000 Hz (hold 3s)
	138 - 143 Led Freq. 1100 Hz (hold 3s)
	144 - 149 Led Freq. 1200 Hz (hold 3s)
	150 - 155 Led Freq. 1300 Hz (hold 3s)
	156 - 161 Led Freq. 1400 Hz (hold 3s)
	162 - 167 Led Freq. 1500 Hz (hold 3s)
	168 - 173 Led Freq. 2500 Hz (hold 3s)
	174 - 179 Led Freq. 4000 Hz (hold 3s)
	180 - 185 Led Freq. 5000 Hz (hold 3s)
	186 - 191 Led Freq. 10000 Hz (hold 3s)
	192 - 197 Led Freq. 15000 Hz (hold 3s)
	198 - 203 Led Freq. 20000 Hz (hold 3s)
	204 - 209 Led Freq. 25000 Hz (hold 3s)
	210 - 215 P/T motor reset (hold 3s)
216 - 221 CMY motor reset (hold 3s)	
222 - 227 Gobo motor reset (hold 3s)	
228 - 233 Blade motor reset (hold 3s)	
234 - 239 Other motor reset (hold 3s)	
240 - 245 Reset ALL (hold 3s)	
246 - 250 Enable Color Wheel Index to any position (Hold 3s)	
251 - 255 Disable Color Wheel Index to any position (Hold 3s)	

ENZO ENHANCED MODE compatible

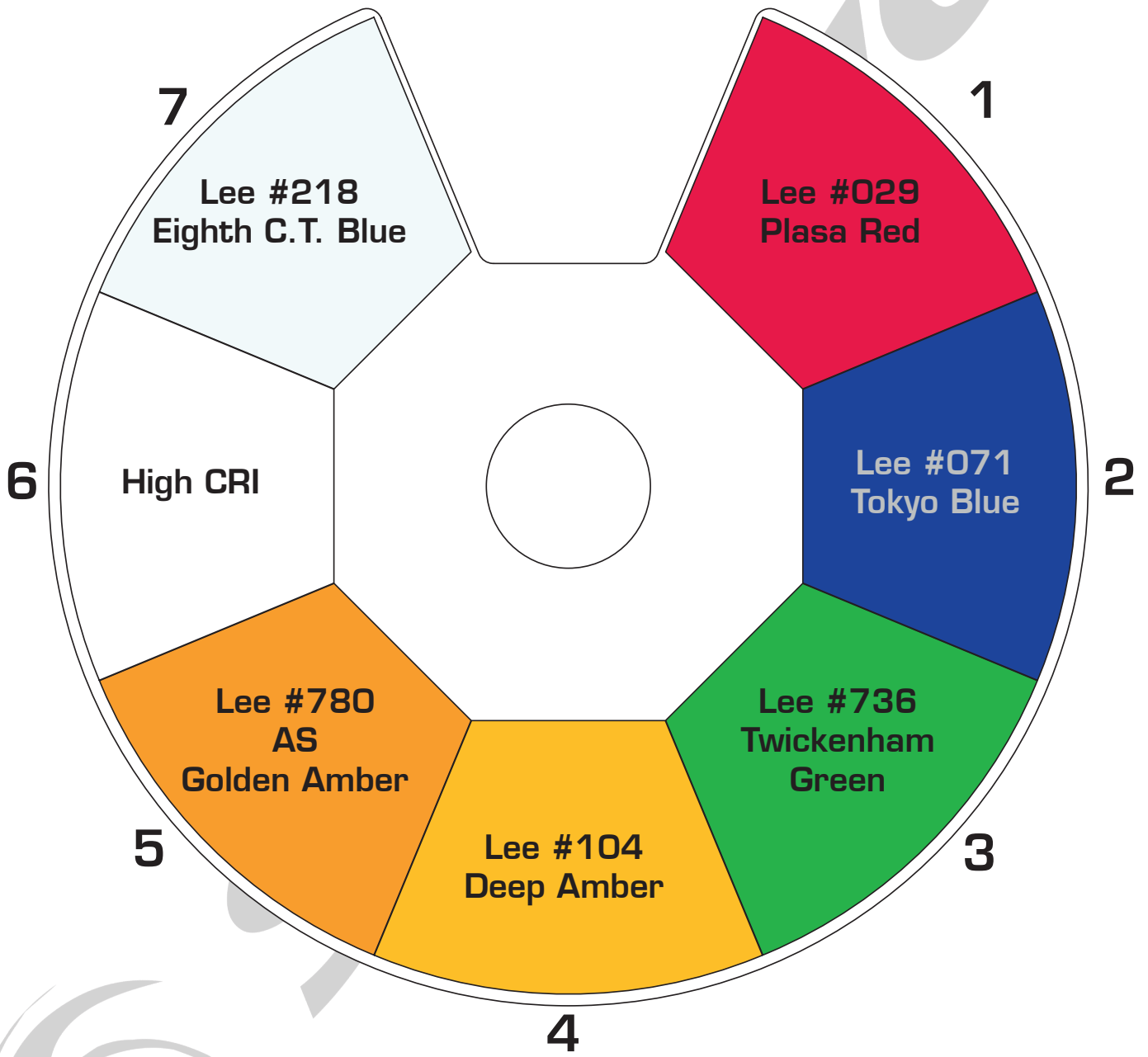
Channel	Value	Function
1	000 - 255	PAN Movement 8bit
2	000 - 255	Pan Fine 16bit
3	000 - 255	TILT Movement 8bit
4	000 - 255	Tilt Fine 16bit
5	000 - 255	Speed pan/tilt movement
6	000 - 255	Cyan 8bit
7	000 - 255	Cyan 16bit
8	000 - 255	Magenta 8bit
9	000 - 255	Magenta 16bit
10	000 - 255	Yellow 8bit
11	000 - 255	Yellow 16bit
12	000 - 255	CTO 8bit
13	000 - 255	CTO 16bit
14	Color Wheel	
	000 - 004	Open
	005 - 017	Split Open - Plasa Red LEE#029
	018 - 030	Plasa Red LEE#029
	031 - 043	Split Plasa Red LEE#029 - Tokyo Blue LEE#071
	044 - 056	Tokyo Blue LEE#071
	057 - 069	Split Tokyo Blue LEE#071 - Twickenham Green LEE#736
	070 - 082	Twickenham Green LEE#736
	083 - 095	Split Twickenham Green LEE#736 - Deep Amber LEE#104
	096 - 108	Deep Amber LEE#104
	109 - 121	Split Deep Amber LEE#104 - AS Golden Amber LEE#780
	122 - 134	AS Golden Amber LEE#780
	135 - 147	Split AS Golden Amber LEE#780 - High CRI
	148 - 160	High CRI
	161 - 173	Split High CRI - Eighth C.T. Blue LEE#218
	174 - 186	Eighth C.T. Blue LEE#218
	187 - 199	Split Eighth C.T. Blue LEE#218 - Open
	200 - 226	Colour wheel clockwise from fast to slow
	227 - 228	Stop
	229 - 255	Colour wheel counterclockwise from slow to fast
15	Rotating gobos, cont. Rotation	
	000 - 009	Open
	010 - 019	Gobo 1
	020 - 029	Gobo 2
	030 - 039	Gobo 3
	040 - 049	Gobo 4
	050 - 059	Gobo 5
	060 - 069	Gobo 6
	070 - 079	Gobo 7
	080 - 094	Gobo 1 shake, from slow to fast
	095 - 109	Gobo 2 shake, from slow to fast
	110 - 124	Gobo 3 shake, from slow to fast
	125 - 139	Gobo 4 shake, from slow to fast
	140 - 154	Gobo 5 shake, from slow to fast
	155 - 169	Gobo 6 shake, from slow to fast
	170 - 189	Gobo 7 shake, from slow to fast
	190 - 221	Rotating gobo wheel clockwise from fast to slow
	222 - 223	Stop
	224 - 255	Rotating gobo wheel counterclockwise from slow to fast

16	Rotating gobo index, rotating gobo rotation (8Bit)	
	000 - 127	GoboRot indexing
	128 - 189	GoboRot clockwise from fast to slow
	190 - 193	Stop
	194 - 255	GoboRot counterclockwise from slow to fast
17	000 - 255	Index fine (16Bit)
18	Fixed Gobos Wheel	
	000 - 005	Open
	006 - 014	FixedGobo1
	015 - 023	FixedGobo 2
	024 - 032	FixedGobo 3
	033 - 041	FixedGobo 4
	042 - 050	FixedGobo 5
	051 - 059	FixedGobo 6
	060 - 068	FixedGobo 7
	069 - 077	FixedGobo 8
	078 - 091	FixedGobo 1 shake, from slow to fast
	092 - 105	FixedGobo 2 shake, from slow to fast
	106 - 119	FixedGobo 3 shake, from slow to fast
	120 - 133	FixedGobo 4 shake, from slow to fast
	134 - 147	FixedGobo 5 shake, from slow to fast
	148 - 161	FixedGobo 6 shake, from slow to fast
	162 - 175	FixedGobo 7 shake, from slow to fast
176 - 189	FixedGobo 8 shake, from slow to fast	
190 - 221	Rotating gobo wheel clockwise from fast to slow	
222 - 223	Stop	
224 - 255	Rotating gobo wheel counterclockwise from slow to fast	
19	Animation Wheel	
	000 - 005	Animation Rot. OFF
	006 - 128	Animation Index 0 ... 540°
	129 - 191	Clockwise Animation Rotation, Fast -> Slow
	192 - 192	No Rotation
193 - 255	Counterclockwise Animation Rotation, Slow-> Fast	
20	Prism1	
	000 - 031	Open
	032 - 255	5 facets linear prism
21	Rotating prism1 index, rotating prism 1 rotation	
	000 - 127	Prism1 indexing
	128 - 189	Forwards prism1 rotation from fast to slow
	190 - 193	Stop
194 - 255	Backwards prism1 rotation from slow to fast	
22	Prism2	
	000 - 031	Open
032 - 255	3 facet prism	
23	Rotating prism2 index, rotating prism2 rotation	
	000 - 127	Prism2 indexing
	128 - 189	Forwards prism2 rotation from fast to slow
	190 - 193	Stop
194 - 255	Backwards prism2 rotation from slow to fast	
24	Frost	
	000 - 225	Frost:0 - 100%(Linear)
	227 - 235	Pulse opening effect from fast to slow
	236 - 245	Pulse closing effect from slow to fast
246 - 255	Frost at 100%	

25	Iris	
	000 - 225	Iris:0 – 100%(Linear)
	226 - 235	Pulse opening effect from slow to fast
	236 - 245	Pulse closing effect from slow to fast
	246 - 255	Iris rotation slow to fast
26	000 - 255	Iris-fine
27	000 - 255	Zoom wide to narrow
28	000 - 255	Zoom-fine (16Bit)
29	000 - 255	Focus
30	000 - 255	Focus-fine (16Bit)
31	000 - 255	Framing shutters module rotation 0° to 90°
32	000 - 255	Framing shutters module rotation Fine (16Bit)
33	000 - 255	Framing shutters 1 - Insert or AngleA
34	000 - 255	Framing shutters 1 - Insert or AngleA (16Bit)
35	000 - 255	Framing shutters 1 - Angle or AngleB
36	000 - 255	Framing shutters 1 - Angle or AngleB (16Bit)
37	000 - 255	Framing shutters 2 - Insert or AngleA
38	000 - 255	Framing shutters 2 - Insert or AngleA (16Bit)
39	000 - 255	Framing shutters 2 - Angle or AngleB
40	000 - 255	Framing shutters 2 - Angle or AngleB (16Bit)
41	000 - 255	Framing shutters 3 - Insert or AngleA
42	000 - 255	Framing shutters 3 - Insert or AngleA (16Bit)
43	000 - 255	Framing shutters 3 - Angle or AngleB
44	000 - 255	Framing shutters 3 - Angle or AngleB (16Bit)
45	000 - 255	Framing shutters 4 - Insert or AngleA
46	000 - 255	Framing shutters 4 - Insert or AngleA (16Bit)
47	000 - 255	Framing shutters 4 - Angle or AngleB
48	000 - 255	Framing shutters 4 - Angle or AngleB (16Bit)
49	Shutter, strobe	
	000 - 031	No function (shutter closed)
	032 - 063	No action,shutter open
	064 - 095	Slow to fast strobe
	096 - 127	No action,shutter open
	128 - 159	Slow to fast pulse effect
	160 - 191	No action,shutter open
	192 - 223	Slow to fast random strobe
	224 - 255	No action,shutter open
50	000 - 255	Dimmer (8Bit)
51	000 - 255	Dimmer Fine (16-Bit)
52	Dim Modes	
	000 - 020	Standard
	021 - 040	Stage
	041 - 060	TV
	061 - 080	Architectural
	081 - 100	Theater
	101 - 255	Default to Unit Setting

53	Control	
	000 - 005	Idle
	006 - 011	Invert Pan On (Hold 3s)
	012 - 017	Invert Pan Off (Hold 3s)
	018 - 023	Invert Tilt On (Hold 3s)
	024 - 029	Invert Tilt Off (Hold 3s)
	030 - 047	Gobo CTC auto On (Hold 3s)
	048 - 053	Gobo CTC auto Off (Hold 3s)
	054 - 056	Framing Control Closing A+B
	057 - 059	Framing Control Angle
	060 - 065	Fan Control - Low (Hold 3s)
	066 - 071	Fan Control - Auto (Default) (Hold 3s)
	072 - 077	Fan Control -High (Hold 3s)
	078 - 089	Dimmer Curve Linear (Hold 3s)
	090 - 101	Dimmer Curve Square (default) (Hold 3s)
	102 - 113	Dimmer Curve Inverse Square (Hold 3s)
	114 - 125	Dimmer Curve S-Curve (Hold 3s)
	126 - 131	Led Freq. 900 Hz (hold 3s)
	132 - 137	Led Freq. 1000 Hz (hold 3s)
	138 - 143	Led Freq. 1100 Hz (hold 3s)
	144 - 149	Led Freq. 1200 Hz (hold 3s)
	150 - 155	Led Freq. 1300 Hz (hold 3s)
	156 - 161	Led Freq. 1400 Hz (hold 3s)
	162 - 167	Led Freq. 1500 Hz (hold 3s)
	168 - 173	Led Freq. 2500 Hz (hold 3s)
	174 - 179	Led Freq. 4000 Hz (hold 3s)
	180 - 185	Led Freq. 5000 Hz (hold 3s)
	186 - 191	Led Freq. 10000 Hz (hold 3s)
	192 - 197	Led Freq. 15000 Hz (hold 3s)
	198 - 203	Led Freq. 20000 Hz (hold 3s)
	204 - 209	Led Freq. 25000 Hz (hold 3s)
	210 - 215	P/T motor reset (hold 3s)
216 - 221	CMY motor reset (hold 3s)	
222 - 227	Gobo motor reset (hold 3s)	
228 - 233	Blade motor reset (hold 3s)	
234 - 239	Other motor reset (hold 3s)	
240 - 245	Reset ALL (hold 3s)	
246 - 250	Enable Color Wheel Index to any position (Hold 3s)	
251 - 255	Disable Color Wheel Index to any position (Hold 3s)	

COLOR WHEEL



ROTATING GOBOS



GOBO 1



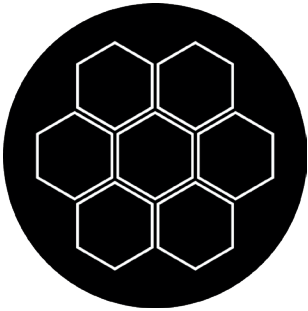
GOBO 2



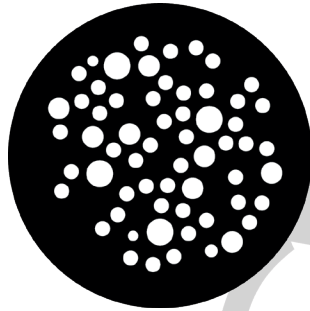
GOBO 3



GOBO 4



GOBO 5



GOBO 6

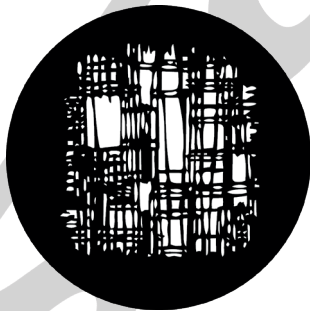


GOBO 7

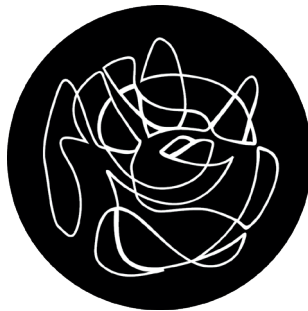
FIXED GOBOS



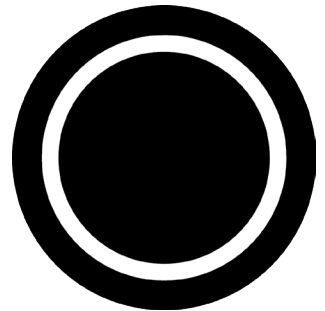
GOBO 1



GOBO 2



GOBO 3



GOBO 4



GOBO 5



GOBO 6

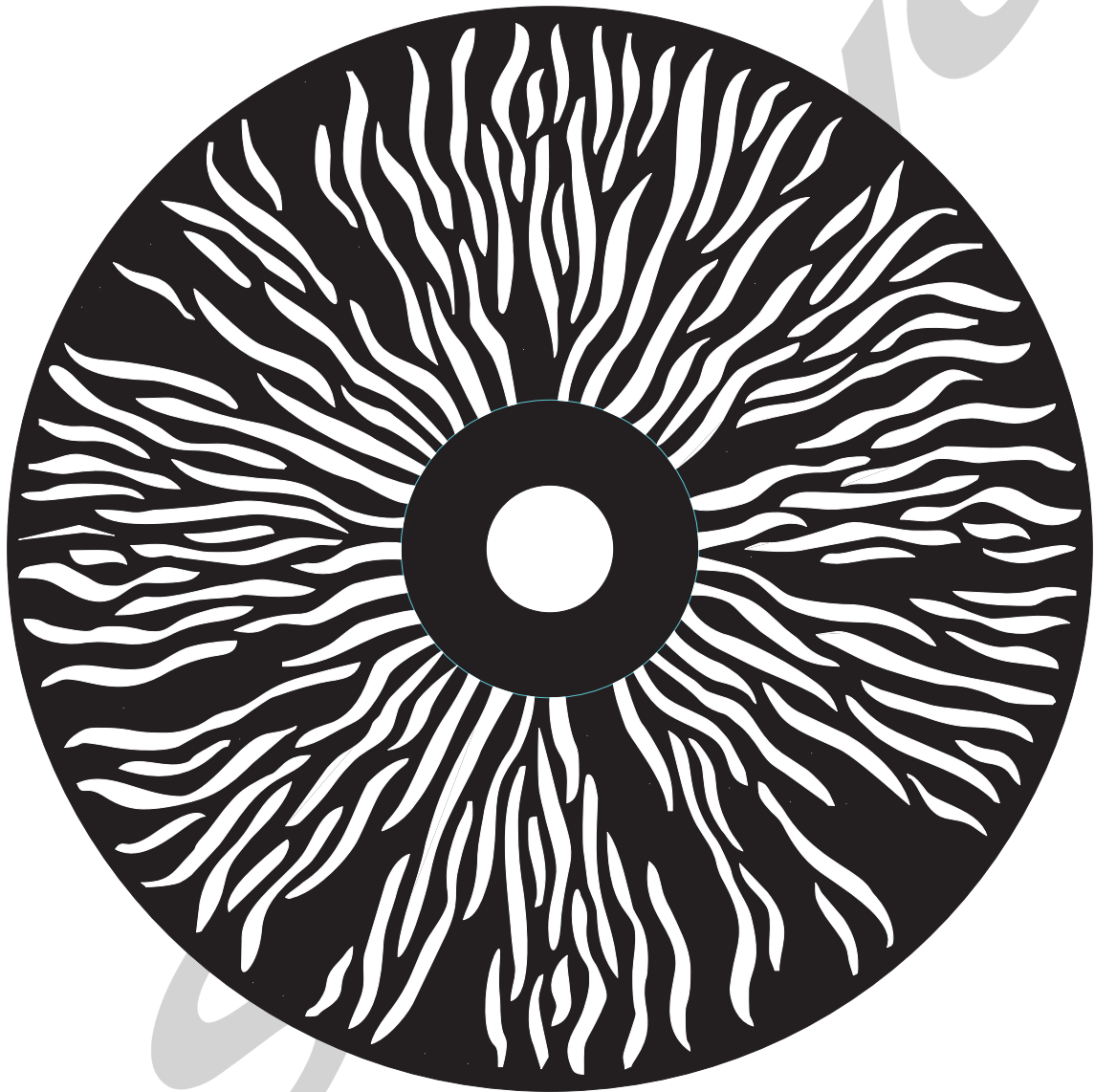


GOBO 7



GOBO 8

ANIMATION WHEEL



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