Elation

Paragon S



Manufacturer	**Elation**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**41, 64 channels**
Beam angle	**5-50°**
Pan range	**540°**
Tilt range	**263°**
Size (W × H × D)	**320 × 410 × 283 mm**
GDTF fixture type	**FC46C397-768F-473A-A9FB-D8…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Strobe

DMX modes

Standard	41 ch
Standard Fixed Gobo	41 ch
Extended	64 ch
Extended Fixed Gobo	64 ch

Standard

41 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
6	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
7	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	C TO	0	0–254 Cold 255–255 Warm
9	C RIMode	127	0–126 CRI 73-80 127–127 CRI 80 128–255 CRI 80-93
10	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Blue (wheel slot 3) 48–63 Purple (wheel slot 4) 64–79 Green (wheel slot 5) 80–95 UV (wheel slot 6) 96–111 Quad (wheel slot 7) 112–127 CTB (wheel slot 8) 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
11	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–77 Gobo 7 (wheel slot 8) 78–93 G1 Shake 94–109 G2 Shake 110–125 G3 Shake 126–141 G4 Shake 142–157 G5 Shake 158–173 G6 Shake 174–189 G7 Shake 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast

Standard (continued)

Ch	Function	Default	DMX values
12	Gobo Rotation	0	0–127 Index Min 128–128 Index Max 129–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast
13	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
14	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–89 Gobo 8 (wheel slot 9) 90–99 Gobo 9 (wheel slot 10) 100–109 G1 Shake (wheel slot 2) 110–119 G2 Shake (wheel slot 3) 120–129 G3 Shake (wheel slot 4) 130–139 G4 Shake (wheel slot 5) 140–149 G5 Shake (wheel slot 6) 150–159 G6 Shake (wheel slot 7) 160–169 G7 Shake (wheel slot 8) 170–179 G8 Shake (wheel slot 9) 180–189 G9 Shake (wheel slot 10) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
15	Prism	0	0–63 Open (wheel slot 1) 64–255 4-Facet (wheel slot 2)
16	Prism Rotation	0	0–127 Indexing 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
17	Prism	0	0–63 Open (wheel slot 1) 64–255 4-Facet (wheel slot 3)
18	Prism Rotation	0	0–127 Indexing 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
19	Focus	127	
20	Focus Fine	255	Fine byte of Focus
21	Zoom	127	0–127 Narrow 128–254 Normal 255–255 Wide
22	Zoom Fine	255	Fine byte of Zoom
23	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)

Standard (continued)

Ch	Function	Default	DMX values
24	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
25	Dimmer Fine	0	Fine byte of Dimmer
26	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–120 Stage 2 121–121 0s 122–122 0_1s 123–123 0_2s 124–124 0_3s 125–125 0_4s 126–126 0_5s 127–127 0_6s 128–128 0_7s 129–129 0_8s 130–130 0_9s 131–131 1s 132–132 1_5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
27	Iris	0	0–190 Max 191–191 Min 192–205 Pulse Close Fast 206–219 Pulse Close Med 220–223 Pulse Close Slow 224–230 Pulse Open Slow 231–245 Pulse Open Med 246–255 Pulse Open Fast
28	Frost1	0	0–254 Open 255–255 Soft Frost
29	Frost2	0	0–254 Open 255–255 Wash Frost
30	Animation Wheel1	0	0–7 No Animation (wheel slot 1) 8–255 Animation Wheel (wheel slot 2)
31	Animation Wheel1Pos	0	0–126 Min 127–127 Max 128–158 CW Fast 159–188 CW Medium 189–189 CW Slow 190–193 Rot Stop 194–223 CCW Slow 224–254 CCW Medium 255–255 CCW Fast
32	Blade1A	0	0–254 Open 255–255 Close

Standard (continued)

Ch	Function	Default	DMX values
33	Blade1B	0	0–254 Open 255–255 Close
34	Blade2A	0	0–254 Open 255–255 Close
35	Blade2B	0	0–254 Open 255–255 Close
36	Blade3A	0	0–254 Open 255–255 Close
37	Blade3B	0	0–254 Open 255–255 Close
38	Blade4A	0	0–254 Open 255–255 Close
39	Blade4B	0	0–254 Open 255–255 Close
40	Shaper Rot	127	0–127 Minimum 128–254 Parallel 255–255 Maximum
41	Function	0	

Standard Fixed Gobo

41 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
6	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
7	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	C TO	0	0–254 Cold 255–255 Warm
9	C RIMode	127	0–126 CRI 73-80 127–127 CRI 80 128–255 CRI 80-93

Standard Fixed Gobo (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Blue (wheel slot 3) 48–63 Purple (wheel slot 4) 64–79 Green (wheel slot 5) 80–95 UV (wheel slot 6) 96–111 Quad (wheel slot 7) 112–127 CTB (wheel slot 8) 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
11	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–77 Gobo 7 (wheel slot 8) 78–93 G1 Shake 94–109 G2 Shake 110–125 G3 Shake 126–141 G4 Shake 142–157 G5 Shake 158–173 G6 Shake 174–189 G7 Shake 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
12	Gobo Rotation	0	0–127 Index Min 128–128 Index Max 129–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast
13	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
14	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–89 Gobo 8 (wheel slot 9) 90–99 Gobo 9 (wheel slot 10) 100–109 G1 Shake (wheel slot 2) 110–119 G2 Shake (wheel slot 3) 120–129 G3 Shake (wheel slot 4) 130–139 G4 Shake (wheel slot 5) 140–149 G5 Shake (wheel slot 6) 150–159 G6 Shake (wheel slot 7) 160–169 G7 Shake (wheel slot 8) 170–179 G8 Shake (wheel slot 9) 180–189 G9 Shake (wheel slot 10) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast

Standard Fixed Gobo (continued)

Ch	Function	Default	DMX values
15	Prism	0	0–63 Open (wheel slot 1) 64–255 4-Facet (wheel slot 2)
16	Prism Rotation	0	0–127 Indexing 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
17	Prism	0	0–63 Open (wheel slot 1) 64–255 4-Facet (wheel slot 3)
18	Prism Rotation	0	0–127 Indexing 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
19	Focus	127	
20	Focus Fine	255	Fine byte of Focus
21	Zoom	127	0–127 Narrow 128–254 Normal 255–255 Wide
22	Zoom Fine	255	Fine byte of Zoom
23	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
24	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
25	Dimmer Fine	0	Fine byte of Dimmer

Standard Fixed Gobo (continued)

Ch	Function	Default	DMX values
26	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–120 Stage 2 121–121 0s 122–122 0_1s 123–123 0_2s 124–124 0_3s 125–125 0_4s 126–126 0_5s 127–127 0_6s 128–128 0_7s 129–129 0_8s 130–130 0_9s 131–131 1s 132–132 1_5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
27	Iris	0	0–190 Max 191–191 Min 192–205 Pulse Close Fast 206–219 Pulse Close Med 220–223 Pulse Close Slow 224–230 Pulse Open Slow 231–245 Pulse Open Med 246–255 Pulse Open Fast
28	Frost1	0	0–254 Open 255–255 Soft Frost
29	Frost2	0	0–254 Open 255–255 Wash Frost
30	Gobo 3	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–89 G1 Shake (wheel slot 2) 90–109 G2 Shake (wheel slot 3) 110–129 G3 Shake (wheel slot 4) 130–149 G4 Shake (wheel slot 5) 150–169 G5 Shake (wheel slot 6) 170–189 G6 Shake (wheel slot 7) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
31	Gobo 3 Fine	0	Fine byte of Gobo 3
32	Blade1A	0	0–254 Open 255–255 Close

Standard Fixed Gobo (continued)

Ch	Function	Default	DMX values
33	Blade1B	0	0–254 Open 255–255 Close
34	Blade2A	0	0–254 Open 255–255 Close
35	Blade2B	0	0–254 Open 255–255 Close
36	Blade3A	0	0–254 Open 255–255 Close
37	Blade3B	0	0–254 Open 255–255 Close
38	Blade4A	0	0–254 Open 255–255 Close
39	Blade4B	0	0–254 Open 255–255 Close
40	Shaper Rot	127	0–127 Minimum 128–254 Parallel 255–255 Maximum
41	Function	0	

Extended

64 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
6	Cyan Fine	0	Fine byte of Cyan
7	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Magenta Fine	0	Fine byte of Magenta
9	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Yellow Fine	0	Fine byte of Yellow
11	C TO	0	0–254 Cold 255–255 Warm
12	C TO Fine	0	Fine byte of C TO
13	C RIMode	127	0–126 CRI 73-80 127–127 CRI 80 128–255 CRI 80-93

Extended (continued)

Ch	Function	Default	DMX values
14	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Blue (wheel slot 3) 48–63 Purple (wheel slot 4) 64–79 Green (wheel slot 5) 80–95 UV (wheel slot 6) 96–111 Quad (wheel slot 7) 112–127 CTB (wheel slot 8) 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
15	Color Wheel Fine	0	Fine byte of Color Wheel
16	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–77 Gobo 7 (wheel slot 8) 78–93 G1 Shake 94–109 G2 Shake 110–125 G3 Shake 126–141 G4 Shake 142–157 G5 Shake 158–173 G6 Shake 174–189 G7 Shake 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
17	Gobo Rotation	0	0–127 Index Min 128–128 Index Max 129–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast
18	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extended (continued)

Ch	Function	Default	DMX values
19	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–89 Gobo 8 (wheel slot 9) 90–99 Gobo 9 (wheel slot 10) 100–109 G1 Shake (wheel slot 2) 110–119 G2 Shake (wheel slot 3) 120–129 G3 Shake (wheel slot 4) 130–139 G4 Shake (wheel slot 5) 140–149 G5 Shake (wheel slot 6) 150–159 G6 Shake (wheel slot 7) 160–169 G7 Shake (wheel slot 8) 170–179 G8 Shake (wheel slot 9) 180–189 G9 Shake (wheel slot 10) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
20	Gobo 2 Fine	0	Fine byte of Gobo 2
21	Prism	0	0–63 Open (wheel slot 1) 64–255 4-Facet Circular (wheel slot 3)
22	Prism Rotation	0	0–127 Indexing 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
23	Prism Rotation Fine	0	Fine byte of Prism Rotation
24	Prism	0	0–63 Open (wheel slot 1) 64–255 4-Facet Linear (wheel slot 2)
25	Prism Rotation	0	0–127 Indexing 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
26	Prism Rotation Fine	0	Fine byte of Prism Rotation
27	Focus	127	
28	Focus Fine	255	Fine byte of Focus
29	Zoom	127	0–127 Narrow 128–254 Normal 255–255 Wide
30	Zoom Fine	255	Fine byte of Zoom

Extended (continued)

Ch	Function	Default	DMX values
31	Focus1Adjust	0	0–4 Auto Focus Off 5–9 5m 10–14 5_2m 15–19 5_4m 20–24 5_6m 25–29 5_8m 30–34 6m 35–39 6_3m 40–44 6_5m 45–49 6_8m 50–54 7m 55–59 7_3m 60–64 7_5m 65–69 7_7m 70–74 8m 75–79 8_3m 80–84 8_5m 85–89 8_7m 90–94 9m 95–99 9_3m 100–104 9_5m 105–109 9_8m 110–114 10m 115–119 10_5m 120–124 11m 125–129 11_5 130–134 12m 135–139 12_5m 140–144 13m 145–149 13_5m 150–154 14m 155–159 14_5m 160–164 15m 165–169 15_5m 170–174 16m 175–179 16_5m 180–184 17m 185–189 17_5m 190–194 18m 195–199 18_5m 200–204 19m 205–209 19_5 210–214 20m 215–255 Idle
32	Focus1Adjust Fine	0	Fine byte of Focus1Adjust
33	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
34	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
35	Dimmer Fine	0	Fine byte of Dimmer

Extended (continued)

Ch	Function	Default	DMX values
36	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–120 Stage 2 121–121 0s 122–122 0_1s 123–123 0_2s 124–124 0_3s 125–125 0_4s 126–126 0_5s 127–127 0_6s 128–128 0_7s 129–129 0_8s 130–130 0_9s 131–131 1s 132–132 1_5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
37	Iris	0	0–190 Max 191–191 Min 192–206 Pulse Close Fast 207–224 Pulse Close Med 225–238 Pulse Open Slow 239–254 Pulse Open Med 255–255 Pulse Open Fast
38	Iris Fine	0	Fine byte of Iris
39	Frost1	0	0–254 Open 255–255 Soft Frost
40	Frost2	0	0–254 Open 255–255 Wash Frost
41	Animation Wheel1	0	0–7 No Animation (wheel slot 1) 8–255 Animation Wheel (wheel slot 2)
42	Animation Wheel1Pos	0	0–126 Min 127–127 Max 128–158 CW Fast 159–188 CW Medium 189–189 CW Slow 190–193 Rot Stop 194–223 CCW Slow 224–254 CCW Medium 255–255 CCW Fast
43	Blade1A	0	0–254 Open 255–255 Close
44	Blade1A Fine	0	Fine byte of Blade1A
45	Blade1B	0	0–254 Open 255–255 Close
46	Blade1B Fine	0	Fine byte of Blade1B
47	Blade2A	0	0–254 Open 255–255 Close

Extended (continued)

Ch	Function	Default	DMX values
48	Blade2A Fine	0	Fine byte of Blade2A
49	Blade2B	0	0–254 Open 255–255 Close
50	Blade2B Fine	0	Fine byte of Blade2B
51	Blade3A	0	0–254 Open 255–255 Close
52	Blade3A Fine	0	Fine byte of Blade3A
53	Blade3B	0	0–254 Open 255–255 Close
54	Blade3B Fine	0	Fine byte of Blade3B
55	Blade4A	0	0–254 Open 255–255 Close
56	Blade4A Fine	0	Fine byte of Blade4A
57	Blade4B	0	0–254 Open 255–255 Close
58	Blade4B Fine	0	Fine byte of Blade4B
59	Shaper Rot	127	0–127 Minimum 128–254 Parallel 255–255 Maximum
60	Shaper Rot Fine	127	Fine byte of Shaper Rot
61	Shaper Macros Speed	0	
62	Shaper Macros	0	0–7 OFF 8–15 Macro 1 16–23 Macro 2 24–31 Macro 3 32–39 Macro 4 40–47 Macro 5 48–55 Macro 6 56–63 Macro 7 64–71 Macro 8 72–79 Macro 9 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–247 Macro 30 248–255 Macro 31
63	Position MSpeed	0	0–225 Max to Min 226–235 Blackout By Movement 236–245 Blackout By All Wheel changes 246–255 No Function

Extended (continued)

Ch	Function	Default	DMX values
64	Function	0	

Extended Fixed Gobo

64 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
6	Cyan Fine	0	Fine byte of Cyan
7	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Magenta Fine	0	Fine byte of Magenta
9	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Yellow Fine	0	Fine byte of Yellow
11	C TO	0	0–254 Cold 255–255 Warm
12	C TO Fine	0	Fine byte of C TO
13	C RIMode	127	0–126 CRI 73-80 127–127 CRI 80 128–255 CRI 80-93
14	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Blue (wheel slot 3) 48–63 Purple (wheel slot 4) 64–79 Green (wheel slot 5) 80–95 UV (wheel slot 6) 96–111 Quad (wheel slot 7) 112–127 CTB (wheel slot 8) 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
15	Color Wheel Fine	0	Fine byte of Color Wheel

Extended Fixed Gobo (continued)

Ch	Function	Default	DMX values
16	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–77 Gobo 7 (wheel slot 8) 78–93 G1 Shake 94–109 G2 Shake 110–125 G3 Shake 126–141 G4 Shake 142–157 G5 Shake 158–173 G6 Shake 174–189 G7 Shake 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
17	Gobo Rotation	0	0–127 Index Min 128–128 Index Max 129–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast
18	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
19	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–89 Gobo 8 (wheel slot 9) 90–99 Gobo 9 (wheel slot 10) 100–109 G1 Shake (wheel slot 2) 110–119 G2 Shake (wheel slot 3) 120–129 G3 Shake (wheel slot 4) 130–139 G4 Shake (wheel slot 5) 140–149 G5 Shake (wheel slot 6) 150–159 G6 Shake (wheel slot 7) 160–169 G7 Shake (wheel slot 8) 170–179 G8 Shake (wheel slot 9) 180–189 G9 Shake (wheel slot 10) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
20	Gobo 2 Fine	0	Fine byte of Gobo 2
21	Prism	0	0–63 Open (wheel slot 1) 64–255 4-Facet Circular (wheel slot 3)
22	Prism Rotation	0	0–127 Indexing 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
23	Prism Rotation Fine	0	Fine byte of Prism Rotation
24	Prism	0	0–63 Open (wheel slot 1) 64–255 4-Facet Linear (wheel slot 2)

Extended Fixed Gobo (continued)

Ch	Function	Default	DMX values
25	Prism Rotation	0	0–127 Indexing 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
26	Prism Rotation Fine	0	Fine byte of Prism Rotation
27	Focus	127	
28	Focus Fine	255	Fine byte of Focus
29	Zoom	127	0–127 Narrow 128–254 Normal 255–255 Wide
30	Zoom Fine	255	Fine byte of Zoom
31	Focus1Adjust	0	0–4 Auto Focus Off 5–9 5m 10–14 5_2m 15–19 5_4m 20–24 5_6m 25–29 5_8m 30–34 6m 35–39 6_3m 40–44 6_5m 45–49 6_8m 50–54 7m 55–59 7_3m 60–64 7_5m 65–69 7_7m 70–74 8m 75–79 8_3m 80–84 8_5m 85–89 8_7m 90–94 9m 95–99 9_3m 100–104 9_5m 105–109 9_8m 110–114 10m 115–119 10_5m 120–124 11m 125–129 11_5 130–134 12m 135–139 12_5m 140–144 13m 145–149 13_5m 150–154 14m 155–159 14_5m 160–164 15m 165–169 15_5m 170–174 16m 175–179 16_5m 180–184 17m 185–189 17_5m 190–194 18m 195–199 18_5m 200–204 19m 205–209 19_5 210–214 20m 215–255 Idle
32	Focus1Adjust Fine	0	Fine byte of Focus1Adjust

Extended Fixed Gobo (continued)

Ch	Function	Default	DMX values
33	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
34	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
35	Dimmer Fine	0	Fine byte of Dimmer
36	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–120 Stage 2 121–121 0s 122–122 0_1s 123–123 0_2s 124–124 0_3s 125–125 0_4s 126–126 0_5s 127–127 0_6s 128–128 0_7s 129–129 0_8s 130–130 0_9s 131–131 1s 132–132 1_5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
37	Iris	0	0–190 Max 191–191 Min 192–206 Pulse Close Fast 207–224 Pulse Close Med 225–238 Pulse Open Slow 239–254 Pulse Open Med 255–255 Pulse Open Fast
38	Iris Fine	0	Fine byte of Iris
39	Frost1	0	0–254 Open 255–255 Soft Frost
40	Frost2	0	0–254 Open 255–255 Wash Frost

Extended Fixed Gobo (continued)

Ch	Function	Default	DMX values
41	Gobo 3	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–89 G1 Shake (wheel slot 2) 90–109 G2 Shake (wheel slot 3) 110–129 G3 Shake (wheel slot 4) 130–149 G4 Shake (wheel slot 5) 150–169 G5 Shake (wheel slot 6) 170–189 G6 Shake (wheel slot 7) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
42	Gobo 3 Fine	0	Fine byte of Gobo 3
43	Blade1A	0	0–254 Open 255–255 Close
44	Blade1A Fine	0	Fine byte of Blade1A
45	Blade1B	0	0–254 Open 255–255 Close
46	Blade1B Fine	0	Fine byte of Blade1B
47	Blade2A	0	0–254 Open 255–255 Close
48	Blade2A Fine	0	Fine byte of Blade2A
49	Blade2B	0	0–254 Open 255–255 Close
50	Blade2B Fine	0	Fine byte of Blade2B
51	Blade3A	0	0–254 Open 255–255 Close
52	Blade3A Fine	0	Fine byte of Blade3A
53	Blade3B	0	0–254 Open 255–255 Close
54	Blade3B Fine	0	Fine byte of Blade3B
55	Blade4A	0	0–254 Open 255–255 Close
56	Blade4A Fine	0	Fine byte of Blade4A
57	Blade4B	0	0–254 Open 255–255 Close
58	Blade4B Fine	0	Fine byte of Blade4B
59	Shaper Rot	127	0–127 Minimum 128–254 Parallel 255–255 Maximum
60	Shaper Rot Fine	127	Fine byte of Shaper Rot
61	Shaper Macros Speed	0	

Extended Fixed Gobo (continued)

Ch	Function	Default	DMX values
62	Shaper Macros	0	0–7 OFF 8–15 Macro 1 16–23 Macro 2 24–31 Macro 3 32–39 Macro 4 40–47 Macro 5 48–55 Macro 6 56–63 Macro 7 64–71 Macro 8 72–79 Macro 9 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–247 Macro 30 248–255 Macro 31
63	Position MSpeed	0	0–225 Max to Min 226–235 Blackout By Movement 236–245 Blackout By All Wheel changes 246–255 No Function
64	Function	0	