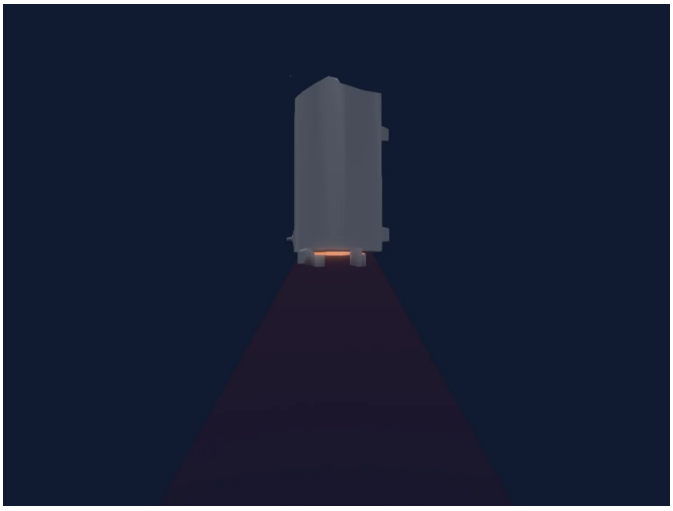
Astera LED Technology

AF250 LeoFresnel



Manufacturer	**Astera LED Technology**
Type	**Spot**
DMX modes	**60**
DMX footprint	**3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 22 channels**
Beam angle	**60°**
Size (W × H × D)	**213 × 456 × 238 mm**
GDTF fixture type	**E1D131B7-700F-4F85-BC16-3E…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer

DMX modes

1: RGB	3 ch
144: RGB FAN	4 ch
2: RGBW	4 ch
4: DIM RGB	4 ch
8: RGBS	4 ch
11: DIM RGBS	5 ch
145 RGBW FAN	5 ch
147: DIM RGB FAN	5 ch
156: RGBS FAN	5 ch
3: RGBAW	5 ch
5: DIM RGBW	5 ch
9: RGBWS	5 ch
90: D CCT GM HUE SAT	5 ch
10: RGBAWS	6 ch
12: DIM RGBWS	6 ch
146: RGBAW FAN	6 ch
148: DIM RGBW FAN	6 ch
152: D CCT GM HUE SAT FAN	6 ch
157: RGBWS FAN	6 ch
159: DIM RGBS FAN	6 ch
6: DIM RGBAW	6 ch
7: RGB CCT DIM IND	6 ch
93: D16 X Y	6 ch
95: D CCT GM HUE SAT S	6 ch
13: DIM RGBAWS	7 ch
14: RGB CCT DIM IND S	7 ch
149: DIM RGBAW FAN	7 ch

150: RGB CCT DIM IND FAN	7 ch
155: D16 X Y FAN	7 ch
158: RGBAWS FAN	7 ch
160: DIM RGBWS FAN	7 ch
164: D CCT GM HUE SAT S FAN	7 ch
89: D CCT GM CRO RGB	7 ch
92: D16 CCT GM H SAT	7 ch
97: D16 X Y S	7 ch
151: D CCT GM CRO RGB FAN	8 ch
154: D16 CCT GM H SAT FAN	8 ch
161: DIM RGBAWS FAN	8 ch
162: RGB CCT DIM IND S FAN	8 ch
167: D16 X Y S FAN	8 ch
168: D CCT GM CRO XY	8 ch
91: D16 CCT GM C RGB	8 ch
94: D CCT GM CRO RGB S	8 ch
96: D16 CCT GM H SAT S	8 ch
137: D16 CCT GM C RGB S	9 ch
153: D16 CCT GM C RGB FAN	9 ch
163: D CCT GM CRO RGB S FAN	9 ch
166: D16 CCT GM H SAT S FAN	9 ch
169: D16 CCT GM CRO XY	9 ch
170: D CCT GM C CRO XY S	9 ch
172: D CCT GM CRO XY FAN	9 ch
165: D16 CCT GM C RGB S FAN	10 ch
171: D16 CCT GM C CRO XY S	10 ch
173: D16 CCT GM CRO XY FAN	10 ch
174: D CCT GM CRO XY S FAN	10 ch
175: D16 CCT GM CRO XY S FAN	11 ch
16: Effect Mode RGB	12 ch
15: Effect Mode Fix	13 ch
176: EFFECT MODE FIX FAN	14 ch
177: EFFECT MODE RGB FAN	22 ch

1: RGB

3 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	211	
3	Blue	150	

144: RGB FAN

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	211	
3	Blue	150	
4	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

2: RGBW

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	

4: DIM RGB

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	211	
4	Blue	150	

8: RGBS

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	211	
3	Blue	150	
4	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

11: DIM RGBS

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	211	
4	Blue	150	
5	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

145 RGBW FAN

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

147: DIM RGB FAN

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	211	
4	Blue	150	
5	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

156: RGBS FAN

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	211	
3	Blue	150	

156: RGBS FAN (continued)

Ch	Function	Default	DMX values
4	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
5	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

3: RGBAW

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	255	
5	White	255	

5: DIM RGBW

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	255	

9: RGBWS

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

90: D CCT GM HUE SAT

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

90: D CCT GM HUE SAT (continued)

Ch	Function	Default	DMX values
2	C TC	117	
3	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
4	H SBHue	0	
5	H SBSaturation	0	

10: RGBAWS

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	255	
5	White	255	
6	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

12: DIM RGBWS

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	255	
6	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

146: RGBAW FAN

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	255	
5	White	255	

146: RGBAW FAN (continued)

Ch	Function	Default	DMX values
6	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

148: DIM RGBW FAN

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	255	
6	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

152: D CCT GM HUE SAT FAN

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	117	
3	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
4	H SBHue	0	
5	H SBSaturation	0	
6	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

157: RGBWS FAN

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	

157: RGBWS FAN (continued)

Ch	Function	Default	DMX values
5	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
6	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

159: DIM RGBS FAN

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	211	
4	Blue	150	
5	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
6	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

6: DIM RGBAW

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	255	
6	White	255	

7: RGB CCT DIM IND

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	211	
3	Blue	150	
4	C TC	175	0–4 No effect 5–255 CTC 2

7: RGB CCT DIM IND (continued)

Ch	Function	Default	DMX values
5	Dimmer	0	0–254 Closed 255–255 Open

7: RGB CCT DIM IND (continued)

Ch	Function	Default	DMX values
6	Color Wheel	254	0–3 No effect (wheel slot 1) 4–6 Medium Bastard Amber (wheel slot 4) 7–7 Pale Yellow (wheel slot 5) 8–8 Dark Salmon (wheel slot 6) 9–9 Pale Amber Gold (wheel slot 7) 10–12 Medium Yellow (wheel slot 8) 13–14 Straw Tint (wheel slot 9) 15–16 Deep Straw (wheel slot 10) 17–18 Surprise Peach (wheel slot 11) 19–19 Fire (wheel slot 12) 20–20 Medium Amber (wheel slot 13) 21–21 Gold Amber (wheel slot 14) 22–23 Dark Amber (wheel slot 15) 24–24 Scarlet (wheel slot 16) 25–25 Sunset Red (wheel slot 17) 26–26 Bright Red (wheel slot 18) 27–28 Medium Red (wheel slot 19) 29–34 Plasa Red (wheel slot 20) 35–35 Light Pink (wheel slot 21) 36–45 Medium Pink (wheel slot 22) 46–47 Dark Magenta (wheel slot 23) 48–48 Rose Purple (wheel slot 24) 49–51 Medium Purple (wheel slot 25) 52–52 Light Lavender (wheel slot 26) 53–57 Paler Lavender (wheel slot 27) 58–60 Lavender (wheel slot 28) 61–62 Mist Blue (wheel slot 29) 63–67 Pale Blue (wheel slot 30) 68–70 Sky Blue (wheel slot 31) 71–74 Tokyo Blue (wheel slot 32) 75–78 Evening Blue (wheel slot 33) 79–84 Just Blue (wheel slot 34) 85–87 Deeper Blue (wheel slot 35) 88–88 Lime Green (wheel slot 36) 89–89 Moss Green (wheel slot 37) 90–99 Dark Yellow Green (wheel slot 38) 100–100 Spring Yellow (wheel slot 39) 101–101 Yellow (wheel slot 40) 102–102 Light Amber (wheel slot 41) 103–103 Straw (wheel slot 42) 104–104 Deep Amber (wheel slot 43) 105–105 Orange (wheel slot 44) 106–106 Primary Red (wheel slot 45) 107–107 Light Rose (wheel slot 46) 108–108 English Rose (wheel slot 47) 109–109 Light Salmon (wheel slot 48) 110–110 Middle Rose (wheel slot 49) 111–112 Dark Pink (wheel slot 50) 113–114 Magenta (wheel slot 51) 115–115 Peacock Blue (wheel slot 52) 116–116 Medium Blue-Green (wheel slot 53) 117–117 Steel Blue (wheel slot 54) 118–131 Light Blue (wheel slot 55) 132–133 Medium Blue (wheel slot 56) 134–134 Golden Amber (wheel slot 57) 135–135 Deep Golden Amber (wheel slot 58) 136–136 Pale Lavender (wheel slot 59) 137–137 Special Lavender (wheel slot 60) 138–138 Pale Green (wheel slot 61) 139–139 Primary Green (wheel slot 62) 140–140 Summer Blue (wheel slot 63) 141–141 Bright Blue (wheel slot 64) 142–142 Pale Violet (wheel slot 65) 143–143 Pale Navy Blue (wheel slot 66)

93: D16 X Y

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	106	
4	C IEX Fine	96	Fine byte of C IEX
5	C IEY	111	
6	C IEY Fine	46	Fine byte of C IEY

95: D CCT GM HUE SAT S

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	117	
3	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
4	H SBHue	0	
5	H SBSaturation	0	
6	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

13: DIM RGBAWS

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	255	
6	White	255	
7	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

14: RGB CCT DIM IND S

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	211	
3	Blue	150	

14: RGB CCT DIM IND S (continued)

Ch	Function	Default	DMX values
4	C TC	175	0–4 No effect 5–255 CTC 2
5	Dimmer	0	0–254 Closed 255–255 Open

14: RGB CCT DIM IND S (continued)

Ch	Function	Default	DMX values
6	Color Wheel	254	0–3 No effect (wheel slot 1) 4–6 Medium Bastard Amber (wheel slot 4) 7–7 Pale Yellow (wheel slot 5) 8–8 Dark Salmon (wheel slot 6) 9–9 Pale Amber Gold (wheel slot 7) 10–12 Medium Yellow (wheel slot 8) 13–14 Straw Tint (wheel slot 9) 15–16 Deep Straw (wheel slot 10) 17–18 Surprise Peach (wheel slot 11) 19–19 Fire (wheel slot 12) 20–20 Medium Amber (wheel slot 13) 21–21 Gold Amber (wheel slot 14) 22–23 Dark Amber (wheel slot 15) 24–24 Scarlet (wheel slot 16) 25–25 Sunset Red (wheel slot 17) 26–26 Bright Red (wheel slot 18) 27–28 Medium Red (wheel slot 19) 29–34 Plasa Red (wheel slot 20) 35–35 Light Pink (wheel slot 21) 36–45 Medium Pink (wheel slot 22) 46–47 Dark Magenta (wheel slot 23) 48–48 Rose Purple (wheel slot 24) 49–51 Medium Purple (wheel slot 25) 52–52 Light Lavender (wheel slot 26) 53–57 Paler Lavender (wheel slot 27) 58–60 Lavender (wheel slot 28) 61–62 Mist Blue (wheel slot 29) 63–67 Pale Blue (wheel slot 30) 68–70 Sky Blue (wheel slot 31) 71–74 Tokyo Blue (wheel slot 32) 75–78 Evening Blue (wheel slot 33) 79–84 Just Blue (wheel slot 34) 85–87 Deeper Blue (wheel slot 35) 88–88 Lime Green (wheel slot 36) 89–89 Moss Green (wheel slot 37) 90–99 Dark Yellow Green (wheel slot 38) 100–100 Spring Yellow (wheel slot 39) 101–101 Yellow (wheel slot 40) 102–102 Light Amber (wheel slot 41) 103–103 Straw (wheel slot 42) 104–104 Deep Amber (wheel slot 43) 105–105 Orange (wheel slot 44) 106–106 Primary Red (wheel slot 45) 107–107 Light Rose (wheel slot 46) 108–108 English Rose (wheel slot 47) 109–109 Light Salmon (wheel slot 48) 110–110 Middle Rose (wheel slot 49) 111–112 Dark Pink (wheel slot 50) 113–114 Magenta (wheel slot 51) 115–115 Peacock Blue (wheel slot 52) 116–116 Medium Blue-Green (wheel slot 53) 117–117 Steel Blue (wheel slot 54) 118–131 Light Blue (wheel slot 55) 132–133 Medium Blue (wheel slot 56) 134–134 Golden Amber (wheel slot 57) 135–135 Deep Golden Amber (wheel slot 58) 136–136 Pale Lavender (wheel slot 59) 137–137 Special Lavender (wheel slot 60) 138–138 Pale Green (wheel slot 61) 139–139 Primary Green (wheel slot 62) 140–140 Summer Blue (wheel slot 63) 141–141 Bright Blue (wheel slot 64) 142–142 Pale Violet (wheel slot 65) 143–143 Pale Navy Blue (wheel slot 66)

14: RGB CCT DIM IND S (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

149: DIM RGBAW FAN

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	255	
6	White	255	
7	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

150: RGB CCT DIM IND FAN

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	211	
3	Blue	150	
4	C TC	175	0–4 No effect 5–255 CTC 2
5	Dimmer	0	0–254 Closed 255–255 Open

150: RGB CCT DIM IND FAN (continued)

Ch	Function	Default	DMX values
6	Color Wheel	254	0–3 No effect (wheel slot 1) 4–6 Medium Bastard Amber (wheel slot 4) 7–7 Pale Yellow (wheel slot 5) 8–8 Dark Salmon (wheel slot 6) 9–9 Pale Amber Gold (wheel slot 7) 10–12 Medium Yellow (wheel slot 8) 13–14 Straw Tint (wheel slot 9) 15–16 Deep Straw (wheel slot 10) 17–18 Surprise Peach (wheel slot 11) 19–19 Fire (wheel slot 12) 20–20 Medium Amber (wheel slot 13) 21–21 Gold Amber (wheel slot 14) 22–23 Dark Amber (wheel slot 15) 24–24 Scarlet (wheel slot 16) 25–25 Sunset Red (wheel slot 17) 26–26 Bright Red (wheel slot 18) 27–28 Medium Red (wheel slot 19) 29–34 Plasa Red (wheel slot 20) 35–35 Light Pink (wheel slot 21) 36–45 Medium Pink (wheel slot 22) 46–47 Dark Magenta (wheel slot 23) 48–48 Rose Purple (wheel slot 24) 49–51 Medium Purple (wheel slot 25) 52–52 Light Lavender (wheel slot 26) 53–57 Paler Lavender (wheel slot 27) 58–60 Lavender (wheel slot 28) 61–62 Mist Blue (wheel slot 29) 63–67 Pale Blue (wheel slot 30) 68–70 Sky Blue (wheel slot 31) 71–74 Tokyo Blue (wheel slot 32) 75–78 Evening Blue (wheel slot 33) 79–84 Just Blue (wheel slot 34) 85–87 Deeper Blue (wheel slot 35) 88–88 Lime Green (wheel slot 36) 89–89 Moss Green (wheel slot 37) 90–99 Dark Yellow Green (wheel slot 38) 100–100 Spring Yellow (wheel slot 39) 101–101 Yellow (wheel slot 40) 102–102 Light Amber (wheel slot 41) 103–103 Straw (wheel slot 42) 104–104 Deep Amber (wheel slot 43) 105–105 Orange (wheel slot 44) 106–106 Primary Red (wheel slot 45) 107–107 Light Rose (wheel slot 46) 108–108 English Rose (wheel slot 47) 109–109 Light Salmon (wheel slot 48) 110–110 Middle Rose (wheel slot 49) 111–112 Dark Pink (wheel slot 50) 113–114 Magenta (wheel slot 51) 115–115 Peacock Blue (wheel slot 52) 116–116 Medium Blue-Green (wheel slot 53) 117–117 Steel Blue (wheel slot 54) 118–131 Light Blue (wheel slot 55) 132–133 Medium Blue (wheel slot 56) 134–134 Golden Amber (wheel slot 57) 135–135 Deep Golden Amber (wheel slot 58) 136–136 Pale Lavender (wheel slot 59) 137–137 Special Lavender (wheel slot 60) 138–138 Pale Green (wheel slot 61) 139–139 Primary Green (wheel slot 62) 140–140 Summer Blue (wheel slot 63) 141–141 Bright Blue (wheel slot 64) 142–142 Pale Violet (wheel slot 65) 143–143 Pale Navy Blue (wheel slot 66)

150: RGB CCT DIM IND FAN (continued)

Ch	Function	Default	DMX values
7	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

155: D16 X Y FAN

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	106	
4	C IEX Fine	96	Fine byte of C IEX
5	C IEY	111	
6	C IEY Fine	46	Fine byte of C IEY
7	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

158: RGBAWS FAN

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	255	
5	White	255	
6	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
7	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

160: DIM RGBWS FAN

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	

160: DIM RGBWS FAN (continued)

Ch	Function	Default	DMX values
4	Blue	255	
5	White	255	
6	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
7	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

164: D CCT GM HUE SAT S FAN

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	117	
3	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
4	H SBHue	0	
5	H SBSaturation	0	
6	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
7	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

89: D CCT GM CRO RGB

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	117	
3	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
4	Color Mix Mode	0	0–254 Full CCT 255–255 Full RGB
5	Red	255	
6	Green	211	

89: D CCT GM CRO RGB (continued)

Ch	Function	Default	DMX values
7	Blue	150	

92: D16 CCT GM H SAT

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	117	
4	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	0	

97: D16 X Y S

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	106	
4	C IEX Fine	96	Fine byte of C IEX
5	C IEY	111	
6	C IEY Fine	46	Fine byte of C IEY
7	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

151: D CCT GM CRO RGB FAN

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	117	
3	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
4	Color Mix Mode	0	0–254 Full CCT 255–255 Full RGB
5	Red	255	
6	Green	211	
7	Blue	150	

151: D CCT GM CRO RGB FAN (continued)

Ch	Function	Default	DMX values
8	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

154: D16 CCT GM H SAT FAN

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	117	
4	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	0	
8	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

161: DIM RGBAWS FAN

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	255	
6	White	255	
7	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
8	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

162: RGB CCT DIM IND S FAN

8 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	211	
3	Blue	150	
4	C TC	175	0–4 No effect 5–255 CTC 2
5	Dimmer	0	0–254 Closed 255–255 Open

162: RGB CCT DIM IND S FAN (continued)

Ch	Function	Default	DMX values
6	Color Wheel	254	0–3 No effect (wheel slot 1) 4–6 Medium Bastard Amber (wheel slot 4) 7–7 Pale Yellow (wheel slot 5) 8–8 Dark Salmon (wheel slot 6) 9–9 Pale Amber Gold (wheel slot 7) 10–12 Medium Yellow (wheel slot 8) 13–14 Straw Tint (wheel slot 9) 15–16 Deep Straw (wheel slot 10) 17–18 Surprise Peach (wheel slot 11) 19–19 Fire (wheel slot 12) 20–20 Medium Amber (wheel slot 13) 21–21 Gold Amber (wheel slot 14) 22–23 Dark Amber (wheel slot 15) 24–24 Scarlet (wheel slot 16) 25–25 Sunset Red (wheel slot 17) 26–26 Bright Red (wheel slot 18) 27–28 Medium Red (wheel slot 19) 29–34 Plasa Red (wheel slot 20) 35–35 Light Pink (wheel slot 21) 36–45 Medium Pink (wheel slot 22) 46–47 Dark Magenta (wheel slot 23) 48–48 Rose Purple (wheel slot 24) 49–51 Medium Purple (wheel slot 25) 52–52 Light Lavender (wheel slot 26) 53–57 Paler Lavender (wheel slot 27) 58–60 Lavender (wheel slot 28) 61–62 Mist Blue (wheel slot 29) 63–67 Pale Blue (wheel slot 30) 68–70 Sky Blue (wheel slot 31) 71–74 Tokyo Blue (wheel slot 32) 75–78 Evening Blue (wheel slot 33) 79–84 Just Blue (wheel slot 34) 85–87 Deeper Blue (wheel slot 35) 88–88 Lime Green (wheel slot 36) 89–89 Moss Green (wheel slot 37) 90–99 Dark Yellow Green (wheel slot 38) 100–100 Spring Yellow (wheel slot 39) 101–101 Yellow (wheel slot 40) 102–102 Light Amber (wheel slot 41) 103–103 Straw (wheel slot 42) 104–104 Deep Amber (wheel slot 43) 105–105 Orange (wheel slot 44) 106–106 Primary Red (wheel slot 45) 107–107 Light Rose (wheel slot 46) 108–108 English Rose (wheel slot 47) 109–109 Light Salmon (wheel slot 48) 110–110 Middle Rose (wheel slot 49) 111–112 Dark Pink (wheel slot 50) 113–114 Magenta (wheel slot 51) 115–115 Peacock Blue (wheel slot 52) 116–116 Medium Blue-Green (wheel slot 53) 117–117 Steel Blue (wheel slot 54) 118–131 Light Blue (wheel slot 55) 132–133 Medium Blue (wheel slot 56) 134–134 Golden Amber (wheel slot 57) 135–135 Deep Golden Amber (wheel slot 58) 136–136 Pale Lavender (wheel slot 59) 137–137 Special Lavender (wheel slot 60) 138–138 Pale Green (wheel slot 61) 139–139 Primary Green (wheel slot 62) 140–140 Summer Blue (wheel slot 63) 141–141 Bright Blue (wheel slot 64) 142–142 Pale Violet (wheel slot 65) 143–143 Pale Navy Blue (wheel slot 66)

162: RGB CCT DIM IND S FAN (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
8	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

167: D16 X Y S FAN

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	106	
4	C IEX Fine	96	Fine byte of C IEX
5	C IEY	111	
6	C IEY Fine	46	Fine byte of C IEY
7	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
8	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

168: D CCT GM CRO XY

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	117	
3	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
4	Color Mix Mode	0	0–254 Full CCT 255–255 Full X Y
5	C IEX	106	
6	C IEX Fine	96	Fine byte of C IEX
7	C IEY	111	
8	C IEY Fine	46	Fine byte of C IEY

91: D16 CCT GM C RGB

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	117	
4	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
5	Color Mix Mode	0	0–254 Full CCT 255–255 Full RGB
6	Red	255	
7	Green	211	
8	Blue	150	

94: D CCT GM CRO RGB S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	117	
3	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
4	Color Mix Mode	0	0–254 Full CCT 255–255 Full RGB
5	Red	255	
6	Green	211	
7	Blue	150	
8	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

96: D16 CCT GM H SAT S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	117	
4	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	0	

96: D16 CCT GM H SAT S (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

137: D16 CCT GM C RGB S

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	117	
4	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
5	Color Mix Mode	0	0–254 Full CCT 255–255 Full RGB
6	Red	255	
7	Green	211	
8	Blue	150	
9	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

153: D16 CCT GM C RGB FAN

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	117	
4	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
5	Color Mix Mode	0	0–254 Full CCT 255–255 Full RGB
6	Red	255	
7	Green	211	
8	Blue	150	
9	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

163: D CCT GM CRO RGB S FAN

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	117	
3	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
4	Color Mix Mode	0	0–254 Full CCT 255–255 Full RGB
5	Red	255	
6	Green	211	
7	Blue	150	
8	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
9	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

166: D16 CCT GM H SAT S FAN

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	117	
4	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	0	
8	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
9	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

169: D16 CCT GM CRO XY

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	117	
4	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
5	Color Mix Mode	0	0–254 Full CCT 255–255 Full X Y
6	C IEX	106	
7	C IEX Fine	96	Fine byte of C IEX
8	C IEY	111	
9	C IEY Fine	46	Fine byte of C IEY

170: D CCT GM C CRO XY S

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	117	
3	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
4	Color Mix Mode	0	0–254 Full CCT 255–255 Full X Y
5	C IEX	106	
6	C IEX Fine	96	Fine byte of C IEX
7	C IEY	111	
8	C IEY Fine	46	Fine byte of C IEY
9	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

172: D CCT GM CRO XY FAN

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	117	
3	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
4	Color Mix Mode	0	0–254 Full CCT 255–255 Full X Y
5	C IEX	106	

172: D CCT GM CRO XY FAN (continued)

Ch	Function	Default	DMX values
6	C IEX Fine	96	Fine byte of C IEX
7	C IEY	111	
8	C IEY Fine	46	Fine byte of C IEY
9	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

165: D16 CCT GM C RGB S FAN

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	117	
4	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
5	Color Mix Mode	0	0–254 Full CCT 255–255 Full RGB
6	Red	255	
7	Green	211	
8	Blue	150	
9	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
10	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

171: D16 CCT GM C CRO XY S

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	117	
4	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
5	Color Mix Mode	0	0–254 Full CCT 255–255 Full X Y
6	C IEX	106	

171: D16 CCT GM C CRO XY S (continued)

Ch	Function	Default	DMX values
7	C IEX Fine	96	Fine byte of C IEX
8	C IEY	111	
9	C IEY Fine	46	Fine byte of C IEY
10	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

173: D16 CCT GM CRO XY FAN

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	117	
4	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
5	Color Mix Mode	0	0–254 Full CCT 255–255 Full X Y
6	C IEX	106	
7	C IEX Fine	96	Fine byte of C IEX
8	C IEY	111	
9	C IEY Fine	46	Fine byte of C IEY
10	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

174: D CCT GM CRO XY S FAN

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	117	
3	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
4	Color Mix Mode	0	0–254 Full CCT 255–255 Full X Y
5	C IEX	106	
6	C IEX Fine	96	Fine byte of C IEX
7	C IEY	111	
8	C IEY Fine	46	Fine byte of C IEY

174: D CCT GM CRO XY S FAN (continued)

Ch	Function	Default	DMX values
9	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
10	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

175: D16 CCT GM CRO XY S FAN

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	117	
4	Green Magenta	0	0–4 No effect 5–127 Magenta 128–254 No shift 255–255 Green
5	Color Mix Mode	0	0–254 Full CCT 255–255 Full X Y
6	C IEX	106	
7	C IEX Fine	96	Fine byte of C IEX
8	C IEY	111	
9	C IEY Fine	46	Fine byte of C IEY
10	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
11	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

16: Effect Mode RGB

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

16: Effect Mode RGB (continued)

Ch	Function	Default	DMX values
3	Color Macro1	0	0–7 One Color Static 8–15 Two Color Static 16–23 Three Color Static 24–31 Four Color Static 32–39 One Color Fade 40–47 Two Color Fade 48–55 Three Color Fade 56–63 Four Color Fade 64–71 Simple Running 72–79 Double Running 80–87 Two Col Running 88–95 Flag Running 96–101 Double Flag Running 102–109 Spiral 4 Color 110–117 Spiral 2 Color 118–125 Rainbow 126–133 Fire 134–141 Rotor 142–149 Rotor Split 2 150–157 Rotor Split 4 158–255 NoFeature 1
4	Color Macro1Rate	0	0–254 Slow 255–255 Fast
5	Crossfade	0	0–254 No Fade 255–255 Smooth Fade
6	Direction	0	0–63 Forward with Loop 64–127 Forward one time and stop 128–190 Reverse one time and stop 191–255 Reverse with Loop
7	Size	0	0–63 1 Group 64–127 2 Groups 128–190 3 Groups 191–255 4 Groups
8	Offset	0	
9	Restart Program	0	0–0 No Function 1–255 Restart Color Macro
10	Red	255	
11	Green	210	
12	Blue	150	

15: Effect Mode Fix

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz

15: Effect Mode Fix (continued)

Ch	Function	Default	DMX values
3	Color Macro1	0	0–7 One Color Static 8–15 Two Color Static 16–23 Three Color Static 24–31 Four Color Static 32–39 One Color Fade 40–47 Two Color Fade 48–55 Three Color Fade 56–63 Four Color Fade 64–71 Simple Running 72–79 Double Running 80–87 Two Col Running 88–95 Flag Running 96–101 Double Flag Running 102–109 Spiral 4 Color 110–117 Spiral 2 Color 118–125 Rainbow 126–133 Fire 134–141 Rotor 142–149 Rotor Split 2 150–157 Rotor Split 4 158–255 NoFeature 1
4	Color Macro1Rate	0	0–254 Slow 255–255 Fast
5	Crossfade	0	0–254 No Fade 255–255 Smooth Fade
6	Direction	0	0–63 Forward with Loop 64–127 Forward one time and stop 128–190 Reverse one time and stop 191–255 Reverse with Loop
7	Size	0	0–63 1 Group 64–127 2 Groups 128–190 3 Groups 191–255 4 Groups
8	Offset	0	
9	Restart Program	0	0–0 No Function 1–255 Restart Color Macro

15: Effect Mode Fix (continued)

Ch	Function	Default	DMX values
10	Color Wheel	254	0–1 No effect (wheel slot 1) 2–2 Rose Pink (wheel slot 2) 3–3 Lavender Tint (wheel slot 3) 4–6 Medium Bastard Amber (wheel slot 4) 7–7 Pale Yellow (wheel slot 5) 8–8 Dark Salmon (wheel slot 6) 9–9 Pale Amber Gold (wheel slot 7) 10–12 Medium Yellow (wheel slot 8) 13–14 Straw Tint (wheel slot 9) 15–16 Deep Straw (wheel slot 10) 17–18 Surprise Peach (wheel slot 11) 19–19 Fire (wheel slot 12) 20–20 Medium Amber (wheel slot 13) 21–21 Gold Amber (wheel slot 14) 22–23 Dark Amber (wheel slot 15) 24–24 Scarlet (wheel slot 16) 25–25 Sunset Red (wheel slot 17) 26–26 Bright Red (wheel slot 18) 27–28 Medium Red (wheel slot 19) 29–34 Plasa Red (wheel slot 20) 35–35 Light Pink (wheel slot 21) 36–45 Medium Pink (wheel slot 22) 46–47 Dark Magenta (wheel slot 23) 48–48 Rose Purple (wheel slot 24) 49–51 Medium Purple (wheel slot 25) 52–52 Light Lavender (wheel slot 26) 53–57 Paler Lavender (wheel slot 27) 58–60 Lavender (wheel slot 28) 61–62 Mist Blue (wheel slot 29) 63–67 Pale Blue (wheel slot 30) 68–70 Sky Blue (wheel slot 31) 71–74 Tokyo Blue (wheel slot 32) 75–78 Evening Blue (wheel slot 33) 79–84 Just Blue (wheel slot 34) 85–87 Deeper Blue (wheel slot 35) 88–88 Lime Green (wheel slot 36) 89–89 Moss Green (wheel slot 37) 90–99 Dark Yellow Green (wheel slot 38) 100–100 Spring Yellow (wheel slot 39) 101–101 Yellow (wheel slot 40) 102–102 Light Amber (wheel slot 41) 103–103 Straw (wheel slot 42) 104–104 Deep Amber (wheel slot 43) 105–105 Orange (wheel slot 44) 106–106 Primary Red (wheel slot 45) 107–107 Light Rose (wheel slot 46) 108–108 English Rose (wheel slot 47) 109–109 Light Salmon (wheel slot 48) 110–110 Middle Rose (wheel slot 49) 111–112 Dark Pink (wheel slot 50) 113–114 Magenta (wheel slot 51) 115–115 Peacock Blue (wheel slot 52) 116–116 Medium Blue-Green (wheel slot 53) 117–117 Steel Blue (wheel slot 54) 118–131 Light Blue (wheel slot 55) 132–133 Medium Blue (wheel slot 56) 134–134 Golden Amber (wheel slot 57) 135–135 Deep Golden Amber (wheel slot 58) 136–136 Pale Lavender (wheel slot 59) 137–137 Special Lavender (wheel slot 60) 138–138 Pale Green (wheel slot 61) 139–139 Primary Green (wheel slot 62) 140–140 Summer Blue (wheel slot 63) 141–141 Bright Blue (wheel slot 64)

15: Effect Mode Fix (continued)

Ch	Function	Default	DMX values
11	Color Wheel 2	254	0–1 No effect (wheel slot 1) 2–2 Rose Pink (wheel slot 2) 3–3 Lavender Tint (wheel slot 3) 4–6 Medium Bastard Amber (wheel slot 4) 7–7 Pale Yellow (wheel slot 5) 8–8 Dark Salmon (wheel slot 6) 9–9 Pale Amber Gold (wheel slot 7) 10–12 Medium Yellow (wheel slot 8) 13–14 Straw Tint (wheel slot 9) 15–16 Deep Straw (wheel slot 10) 17–18 Surprise Peach (wheel slot 11) 19–19 Fire (wheel slot 12) 20–20 Medium Amber (wheel slot 13) 21–21 Gold Amber (wheel slot 14) 22–23 Dark Amber (wheel slot 15) 24–24 Scarlet (wheel slot 16) 25–25 Sunset Red (wheel slot 17) 26–26 Bright Red (wheel slot 18) 27–28 Medium Red (wheel slot 19) 29–34 Plasa Red (wheel slot 20) 35–35 Light Pink (wheel slot 21) 36–45 Medium Pink (wheel slot 22) 46–47 Dark Magenta (wheel slot 23) 48–48 Rose Purple (wheel slot 24) 49–51 Medium Purple (wheel slot 25) 52–52 Light Lavender (wheel slot 26) 53–57 Paler Lavender (wheel slot 27) 58–60 Lavender (wheel slot 28) 61–62 Mist Blue (wheel slot 29) 63–67 Pale Blue (wheel slot 30) 68–70 Sky Blue (wheel slot 31) 71–74 Tokyo Blue (wheel slot 32) 75–78 Evening Blue (wheel slot 33) 79–84 Just Blue (wheel slot 34) 85–87 Deeper Blue (wheel slot 35) 88–88 Lime Green (wheel slot 36) 89–89 Moss Green (wheel slot 37) 90–99 Dark Yellow Green (wheel slot 38) 100–100 Spring Yellow (wheel slot 39) 101–101 Yellow (wheel slot 40) 102–102 Light Amber (wheel slot 41) 103–103 Straw (wheel slot 42) 104–104 Deep Amber (wheel slot 43) 105–105 Orange (wheel slot 44) 106–106 Primary Red (wheel slot 45) 107–107 Light Rose (wheel slot 46) 108–108 English Rose (wheel slot 47) 109–109 Light Salmon (wheel slot 48) 110–110 Middle Rose (wheel slot 49) 111–112 Dark Pink (wheel slot 50) 113–114 Magenta (wheel slot 51) 115–115 Peacock Blue (wheel slot 52) 116–116 Medium Blue-Green (wheel slot 53) 117–117 Steel Blue (wheel slot 54) 118–131 Light Blue (wheel slot 55) 132–133 Medium Blue (wheel slot 56) 134–134 Golden Amber (wheel slot 57) 135–135 Deep Golden Amber (wheel slot 58) 136–136 Pale Lavender (wheel slot 59) 137–137 Special Lavender (wheel slot 60) 138–138 Pale Green (wheel slot 61) 139–139 Primary Green (wheel slot 62) 140–140 Summer Blue (wheel slot 63) 141–141 Bright Blue (wheel slot 64)

15: Effect Mode Fix (continued)

Ch	Function	Default	DMX values
12	Color3	254	
13	Color4	254	

176: EFFECT MODE FIX FAN

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
3	Color Macro1	0	0–7 One Color Static 8–15 Two Color Static 16–23 Three Color Static 24–31 Four Color Static 32–39 One Color Fade 40–47 Two Color Fade 48–55 Three Color Fade 56–63 Four Color Fade 64–71 Simple Running 72–79 Double Running 80–87 Two Col Running 88–95 Flag Running 96–101 Double Flag Running 102–109 Spiral 4 Color 110–117 Spiral 2 Color 118–125 Rainbow 126–133 Fire 134–141 Rotor 142–149 Rotor Split 2 150–157 Rotor Split 4 158–255 NoFeature 1
4	Color Macro1Rate	0	0–254 Slow 255–255 Fast
5	Crossfade	0	0–254 No Fade 255–255 Smooth Fade
6	Direction	0	0–63 Forward with Loop 64–127 Forward one time and stop 128–190 Reverse one time and stop 191–255 Reverse with Loop
7	Size	0	0–63 1 Group 64–127 2 Groups 128–190 3 Groups 191–255 4 Groups
8	Offset	0	
9	Restart Program	0	0–0 No Function 1–255 Restart Color Macro

176: EFFECT MODE FIX FAN (continued)

Ch	Function	Default	DMX values
10	Color Wheel	254	0–1 No effect (wheel slot 1) 2–2 Rose Pink (wheel slot 2) 3–3 Lavender Tint (wheel slot 3) 4–6 Medium Bastard Amber (wheel slot 4) 7–7 Pale Yellow (wheel slot 5) 8–8 Dark Salmon (wheel slot 6) 9–9 Pale Amber Gold (wheel slot 7) 10–12 Medium Yellow (wheel slot 8) 13–14 Straw Tint (wheel slot 9) 15–16 Deep Straw (wheel slot 10) 17–18 Surprise Peach (wheel slot 11) 19–19 Fire (wheel slot 12) 20–20 Medium Amber (wheel slot 13) 21–21 Gold Amber (wheel slot 14) 22–23 Dark Amber (wheel slot 15) 24–24 Scarlet (wheel slot 16) 25–25 Sunset Red (wheel slot 17) 26–26 Bright Red (wheel slot 18) 27–28 Medium Red (wheel slot 19) 29–34 Plasa Red (wheel slot 20) 35–35 Light Pink (wheel slot 21) 36–45 Medium Pink (wheel slot 22) 46–47 Dark Magenta (wheel slot 23) 48–48 Rose Purple (wheel slot 24) 49–51 Medium Purple (wheel slot 25) 52–52 Light Lavender (wheel slot 26) 53–57 Paler Lavender (wheel slot 27) 58–60 Lavender (wheel slot 28) 61–62 Mist Blue (wheel slot 29) 63–67 Pale Blue (wheel slot 30) 68–70 Sky Blue (wheel slot 31) 71–74 Tokyo Blue (wheel slot 32) 75–78 Evening Blue (wheel slot 33) 79–84 Just Blue (wheel slot 34) 85–87 Deeper Blue (wheel slot 35) 88–88 Lime Green (wheel slot 36) 89–89 Moss Green (wheel slot 37) 90–99 Dark Yellow Green (wheel slot 38) 100–100 Spring Yellow (wheel slot 39) 101–101 Yellow (wheel slot 40) 102–102 Light Amber (wheel slot 41) 103–103 Straw (wheel slot 42) 104–104 Deep Amber (wheel slot 43) 105–105 Orange (wheel slot 44) 106–106 Primary Red (wheel slot 45) 107–107 Light Rose (wheel slot 46) 108–108 English Rose (wheel slot 47) 109–109 Light Salmon (wheel slot 48) 110–110 Middle Rose (wheel slot 49) 111–112 Dark Pink (wheel slot 50) 113–114 Magenta (wheel slot 51) 115–115 Peacock Blue (wheel slot 52) 116–116 Medium Blue-Green (wheel slot 53) 117–117 Steel Blue (wheel slot 54) 118–131 Light Blue (wheel slot 55) 132–133 Medium Blue (wheel slot 56) 134–134 Golden Amber (wheel slot 57) 135–135 Deep Golden Amber (wheel slot 58) 136–136 Pale Lavender (wheel slot 59) 137–137 Special Lavender (wheel slot 60) 138–138 Pale Green (wheel slot 61) 139–139 Primary Green (wheel slot 62) 140–140 Summer Blue (wheel slot 63) 141–141 Bright Blue (wheel slot 64)

176: EFFECT MODE FIX FAN (continued)

Ch	Function	Default	DMX values
11	Color Wheel 2	254	0–1 No effect (wheel slot 1) 2–2 Rose Pink (wheel slot 2) 3–3 Lavender Tint (wheel slot 3) 4–6 Medium Bastard Amber (wheel slot 4) 7–7 Pale Yellow (wheel slot 5) 8–8 Dark Salmon (wheel slot 6) 9–9 Pale Amber Gold (wheel slot 7) 10–12 Medium Yellow (wheel slot 8) 13–14 Straw Tint (wheel slot 9) 15–16 Deep Straw (wheel slot 10) 17–18 Surprise Peach (wheel slot 11) 19–19 Fire (wheel slot 12) 20–20 Medium Amber (wheel slot 13) 21–21 Gold Amber (wheel slot 14) 22–23 Dark Amber (wheel slot 15) 24–24 Scarlet (wheel slot 16) 25–25 Sunset Red (wheel slot 17) 26–26 Bright Red (wheel slot 18) 27–28 Medium Red (wheel slot 19) 29–34 Plasa Red (wheel slot 20) 35–35 Light Pink (wheel slot 21) 36–45 Medium Pink (wheel slot 22) 46–47 Dark Magenta (wheel slot 23) 48–48 Rose Purple (wheel slot 24) 49–51 Medium Purple (wheel slot 25) 52–52 Light Lavender (wheel slot 26) 53–57 Paler Lavender (wheel slot 27) 58–60 Lavender (wheel slot 28) 61–62 Mist Blue (wheel slot 29) 63–67 Pale Blue (wheel slot 30) 68–70 Sky Blue (wheel slot 31) 71–74 Tokyo Blue (wheel slot 32) 75–78 Evening Blue (wheel slot 33) 79–84 Just Blue (wheel slot 34) 85–87 Deeper Blue (wheel slot 35) 88–88 Lime Green (wheel slot 36) 89–89 Moss Green (wheel slot 37) 90–99 Dark Yellow Green (wheel slot 38) 100–100 Spring Yellow (wheel slot 39) 101–101 Yellow (wheel slot 40) 102–102 Light Amber (wheel slot 41) 103–103 Straw (wheel slot 42) 104–104 Deep Amber (wheel slot 43) 105–105 Orange (wheel slot 44) 106–106 Primary Red (wheel slot 45) 107–107 Light Rose (wheel slot 46) 108–108 English Rose (wheel slot 47) 109–109 Light Salmon (wheel slot 48) 110–110 Middle Rose (wheel slot 49) 111–112 Dark Pink (wheel slot 50) 113–114 Magenta (wheel slot 51) 115–115 Peacock Blue (wheel slot 52) 116–116 Medium Blue-Green (wheel slot 53) 117–117 Steel Blue (wheel slot 54) 118–131 Light Blue (wheel slot 55) 132–133 Medium Blue (wheel slot 56) 134–134 Golden Amber (wheel slot 57) 135–135 Deep Golden Amber (wheel slot 58) 136–136 Pale Lavender (wheel slot 59) 137–137 Special Lavender (wheel slot 60) 138–138 Pale Green (wheel slot 61) 139–139 Primary Green (wheel slot 62) 140–140 Summer Blue (wheel slot 63) 141–141 Bright Blue (wheel slot 64)

176: EFFECT MODE FIX FAN (continued)

Ch	Function	Default	DMX values
12	Color3	254	
13	Color4	254	
14	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined

177: EFFECT MODE RGB FAN

22 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 Variable Strobe · 2/5 Hz 0.4–24.9 Hz 255–255 Variable Strobe · 25 Hz 25 Hz
3	Color Macro1	0	0–7 One Color Static 8–15 Two Color Static 16–23 Three Color Static 24–31 Four Color Static 32–39 One Color Fade 40–47 Two Color Fade 48–55 Three Color Fade 56–63 Four Color Fade 64–71 Simple Running 72–79 Double Running 80–87 Two Col Running 88–95 Flag Running 96–101 Double Flag Running 102–109 Spiral 4 Color 110–117 Spiral 2 Color 118–125 Rainbow 126–133 Fire 134–141 Rotor 142–149 Rotor Split 2 150–157 Rotor Split 4 158–255 NoFeature 1
4	Color Macro1Rate	0	0–254 Slow 255–255 Fast
5	Crossfade	0	0–254 No Fade 255–255 Smooth Fade
6	Direction	0	0–63 Forward with Loop 64–127 Forward one time and stop 128–190 Reverse one time and stop 191–255 Reverse with Loop
7	Size	0	0–63 1 Group 64–127 2 Groups 128–190 3 Groups 191–255 4 Groups
8	Offset	0	
9	Restart Program	0	0–0 No Function 1–255 Restart Color Macro
10	Red	255	

177: EFFECT MODE RGB FAN (continued)

Ch	Function	Default	DMX values
11	Green	210	
12	Blue	150	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Fans	2	0–4 Fan Auto Speed 5–35 Fan Slow Speed 36–70 Fan Medium Speed 71–100 Fan Fast Speed 101–128 Fan Off 129–255 Not Defined