CKC Lighting

Aurora Profile V3



Manufacturer	**CKC Lighting**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**36, 38, 54 channels**
Beam angle	**8-46°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**301 × 540 × 241 mm**
GDTF fixture type	**54604AAD-7031-4ABC-A018-8…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset

DMX modes

CMY 36CH	36 ch
Standard 38CH	38 ch
Extended 54CH	54 ch

CMY 36CH

36 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Dimmer	0	0–254 0% 255–255 100%
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	50	0–31 shutter closed 32–63 shutter open(1) 64–94 min strobe 95–95 max strobe 96–127 Shutter open (2) 128–158 min Pulse 159–159 max Pulse 160–191 Shutter open (3) 192–222 min Random 223–223 max Random 224–255 Shutter open (4)
8	Cyan	0	
9	Magenta	0	
10	Yellow	0	
11	C TC	0	0–23 No function 24–85 2400K-8500K 86–255 8500K
12	Tint	128	0–0 No function 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
13	Color Macro1	0	
14	Gobo	0	0–5 Open (wheel slot 1) 6–20 Gobo 1 (wheel slot 2) 21–35 Gobo 2 (wheel slot 3) 36–50 Gobo 3 (wheel slot 4) 51–65 Gobo 4 (wheel slot 5) 66–80 Gobo 5 (wheel slot 6) 81–95 Gobo 6 (wheel slot 7) 96–110 Shake Gobo 1 (wheel slot 2) 111–125 Shake Gobo 2 (wheel slot 3) 126–140 Shake Gobo 3 (wheel slot 4) 141–155 Shake Gobo 4 (wheel slot 5) 156–170 Shake Gobo 5 (wheel slot 6) 171–185 Shake Gobo 6 (wheel slot 7) 186–192 open 193–223 Slow to Fast CW 224–224 Stop 225–255 Fast to Slow CCW
15	Gobo Rotation	0	0–4 Rot Off 5–127 Position 0-540 128–190 forward 191–191 Rotation stop 192–255 backward
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

CMY 36CH (continued)

Ch	Function	Default	DMX values
17	Gobo 2	0	0–5 Open (wheel slot 1) 6–18 Gobo 1 (wheel slot 2) 19–31 Gobo 2 (wheel slot 3) 32–44 Gobo 3 (wheel slot 4) 45–57 Gobo 4 (wheel slot 5) 58–70 Gobo 5 (wheel slot 6) 71–83 Gobo 6 (wheel slot 7) 84–96 Gobo 7 (wheel slot 8) 97–109 Shake Gobo 1 (wheel slot 2) 110–122 Shake Gobo 2 (wheel slot 3) 123–135 Shake Gobo 3 (wheel slot 4) 136–148 Shake Gobo 4 (wheel slot 5) 149–161 Shake Gobo 5 (wheel slot 6) 162–174 Shake Gobo 6 (wheel slot 7) 175–187 Shake Gobo 7 (wheel slot 8) 188–192 open (wheel slot 1) 193–223 Slow to Fast CW 224–224 Rot Stop 225–255 Fast to Slow CCW
18	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
19	Focus	0	
20	Iris	0	0–224 Open 225–225 Close 226–234 slow 235–235 fast 236–244 slow 245–245 fast 246–254 slow 255–255 fast
21	Prism	0	0–5 open (wheel slot 1) 6–130 Prism 1 (3 Facet) (wheel slot 2) 131–255 Prism 2 (6 Liner) (wheel slot 3)
22	Prism Rotation	0	0–5 Prism Rot Off 6–128 Prism position 0 to 540 129–191 Slow to Fast CW 192–192 Rotation Stop 193–255 Fast to Slow CCW
23	Frost1	0	0–254 0% 255–255 100%
24	Animation Wheel1	0	0–5 Wheel Rot Off 6–128 Wheel Position 0 to 540 129–191 Slow to Fast CW 192–192 Rot Stop 193–255 Fast to Slow CCW
25	Blade1A	0	0–254 Open 255–255 Close
26	Blade1B	0	0–254 Open 255–255 Close
27	Blade2A	0	0–254 Open 255–255 Close
28	Blade2B	0	0–254 Open 255–255 Close
29	Blade3A	0	0–254 Open 255–255 Close
30	Blade3B	0	0–254 Open 255–255 Close

CMY 36CH (continued)

Ch	Function	Default	DMX values
31	Blade4A	0	0–254 Open 255–255 Close
32	Blade4B	0	0–254 Open 255–255 Close
33	Shaper Rot	127	
34	Position MSpeed	0	0–5 no function 6–254 Fast 255–255 Slow
35	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Unit Setting
36	Control1	0	0–5 no function 6–10 Invert Pan on (Hold 3s) 11–15 Invert Pan off (Hold 5s) 16–20 Invert Tilt on (Hold 3s) 21–25 Invert Tilt off (Hold 5s) 26–30 Fan Auto (Hold 3s) 31–35 Fan Silent (Hold 5s) 36–40 Linear Curve (hold 3s) 41–45 Square Curve (hold 3s) 46–50 Inv-Square Curve (hold 3s) 51–55 S - Curve (hold 3s) 56–60 1200Hz (hold 3s) 61–65 3600 Hz (hold 3s) 66–75 5000 Hz (hold 3s) 76–80 10000 Hz (hold 3s) 81–85 15000 Hz (hold 3s) 86–90 20000 Hz (hold 3s) 91–95 25000 Hz (hold 3s) 96–100 Reset Pan/Tilt (Hold 3s) 101–105 Reset only Head (Hold 3s) 106–110 Reset All Functions (Hold 3s) 111–255 No function

Standard 38CH

38 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Dimmer	0	0–254 0% 255–255 100%
6	Dimmer Fine	0	Fine byte of Dimmer

Standard 38CH (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	50	0–31 shutter closed 32–63 shutter open(1) 64–94 min strobe 95–95 max strobe 96–127 Shutter open (2) 128–158 min Pulse 159–159 max Pulse 160–191 Shutter open (3) 192–222 min Random 223–223 max Random 224–255 Shutter open (4)
8	Red	255	
9	Green	255	
10	Blue	255	
11	Color Add RY	255	0–62 0% Amber 63–126 25% Amber 127–190 50% Amber 191–254 75% Amber 255–255 100% Amber
12	Color Add GC	255	0–62 0% Lime 63–126 25% Lime 127–190 50% Lime 191–254 75% Lime 255–255 100% Lime
13	C TC	0	0–23 No function 24–85 2400K-8500K 86–255 8500K
14	Tint	128	0–0 No function 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
15	Color Macro1	0	
16	Gobo	0	0–5 Open (wheel slot 1) 6–20 Gobo 1 (wheel slot 2) 21–35 Gobo 2 (wheel slot 3) 36–50 Gobo 3 (wheel slot 4) 51–65 Gobo 4 (wheel slot 5) 66–80 Gobo 5 (wheel slot 6) 81–95 Gobo 6 (wheel slot 7) 96–110 Shake Gobo 1 (wheel slot 2) 111–125 Shake Gobo 2 (wheel slot 3) 126–140 Shake Gobo 3 (wheel slot 4) 141–155 Shake Gobo 4 (wheel slot 5) 156–170 Shake Gobo 5 (wheel slot 6) 171–185 Shake Gobo 6 (wheel slot 7) 186–192 open 193–223 Slow to Fast CW 224–224 Stop 225–255 Fast to Slow CCW
17	Gobo Rotation	0	0–4 Rot Off 5–127 Position 0-540 128–190 forward 191–191 Rotation stop 192–255 backward
18	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Standard 38CH (continued)

Ch	Function	Default	DMX values
19	Gobo 2	0	0–5 Open (wheel slot 1) 6–18 Gobo 1 (wheel slot 2) 19–31 Gobo 2 (wheel slot 3) 32–44 Gobo 3 (wheel slot 4) 45–57 Gobo 4 (wheel slot 5) 58–70 Gobo 5 (wheel slot 6) 71–83 Gobo 6 (wheel slot 7) 84–96 Gobo 7 (wheel slot 8) 97–109 Shake Gobo 1 (wheel slot 2) 110–122 Shake Gobo 2 (wheel slot 3) 123–135 Shake Gobo 3 (wheel slot 4) 136–148 Shake Gobo 4 (wheel slot 5) 149–161 Shake Gobo 5 (wheel slot 6) 162–174 Shake Gobo 6 (wheel slot 7) 175–187 Shake Gobo 7 (wheel slot 8) 188–192 open (wheel slot 1) 193–223 Slow to Fast CW 224–224 Rot Stop 225–255 Fast to Slow CCW
20	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
21	Focus	0	
22	Iris	0	0–224 Open 225–225 Close 226–234 slow 235–235 fast 236–244 slow 245–245 fast 246–254 slow 255–255 fast
23	Prism	0	0–5 open (wheel slot 1) 6–130 Prism 1 (3 Facet) (wheel slot 2) 131–255 Prism 2 (6 Liner) (wheel slot 3)
24	Prism Rotation	0	0–5 Prism Rot Off 6–128 Prism position 0 to 540 129–191 Slow to Fast CW 192–192 Rotation Stop 193–255 Fast to Slow CCW
25	Frost1	0	0–254 0% 255–255 100%
26	Animation Wheel1	0	0–5 Wheel Rot Off 6–128 Wheel Position 0 to 540 129–191 Slow to Fast CW 192–192 Rot Stop 193–255 Fast to Slow CCW
27	Blade1A	0	0–254 Open 255–255 Close
28	Blade1B	0	0–254 Open 255–255 Close
29	Blade2A	0	0–254 Open 255–255 Close
30	Blade2B	0	0–254 Open 255–255 Close
31	Blade3A	0	0–254 Open 255–255 Close
32	Blade3B	0	0–254 Open 255–255 Close

Standard 38CH (continued)

Ch	Function	Default	DMX values
33	Blade4A	0	0–254 Open 255–255 Close
34	Blade4B	0	0–254 Open 255–255 Close
35	Shaper Rot	127	
36	Position MSpeed	0	0–5 no function 6–254 Fast 255–255 Slow
37	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Unit Setting
38	Control1	0	0–5 no function 6–10 Invert Pan on (Hold 3s) 11–15 Invert Pan off (Hold 5s) 16–20 Invert Tilt on (Hold 3s) 21–25 Invert Tilt off (Hold 5s) 26–30 Fan Auto (Hold 3s) 31–35 Fan Silent (Hold 5s) 36–40 Linear Curve (hold 3s) 41–45 Square Curve (hold 3s) 46–50 Inv-Square Curve (hold 3s) 51–55 S - Curve (hold 3s) 56–60 1200Hz (hold 3s) 61–65 3600 Hz (hold 3s) 66–75 5000 Hz (hold 3s) 76–80 10000 Hz (hold 3s) 81–85 15000 Hz (hold 3s) 86–90 20000 Hz (hold 3s) 91–95 25000 Hz (hold 3s) 96–100 Reset Pan/Tilt (Hold 3s) 101–105 Reset only Head (Hold 3s) 106–110 Reset All Functions (Hold 3s) 111–255 No function

Extended 54CH

54 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Dimmer	0	0–254 0% 255–255 100%
6	Dimmer Fine	0	Fine byte of Dimmer

Extended 54CH (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	50	0–31 shutter closed 32–63 shutter open(1) 64–94 min strobe 95–95 max strobe 96–127 Shutter open (2) 128–158 min Pulse 159–159 max Pulse 160–191 Shutter open (3) 192–222 min Random 223–223 max Random 224–255 Shutter open (4)
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	Color Add RY	255	0–62 0% Amber 63–126 25% Amber 127–190 50% Amber 191–254 75% Amber 255–255 100% Amber
15	Color Add RY Fine	255	Fine byte of Color Add RY
16	Color Add GC	255	0–62 0% Lime 63–126 25% Lime 127–190 50% Lime 191–254 75% Lime 255–255 100% Lime
17	Color Add GC Fine	255	Fine byte of Color Add GC
18	C TC	0	0–23 No function 24–85 2400K-8500K 86–255 8500K
19	Tint	128	0–0 No function 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
20	Color Macro1	0	
21	Gobo	0	0–5 Open (wheel slot 1) 6–20 Gobo 1 (wheel slot 2) 21–35 Gobo 2 (wheel slot 3) 36–50 Gobo 3 (wheel slot 4) 51–65 Gobo 4 (wheel slot 5) 66–80 Gobo 5 (wheel slot 6) 81–95 Gobo 6 (wheel slot 7) 96–110 Shake Gobo 1 (wheel slot 2) 111–125 Shake Gobo 2 (wheel slot 3) 126–140 Shake Gobo 3 (wheel slot 4) 141–155 Shake Gobo 4 (wheel slot 5) 156–170 Shake Gobo 5 (wheel slot 6) 171–185 Shake Gobo 6 (wheel slot 7) 186–192 open 193–223 Slow to Fast CW 224–224 Stop 225–255 Fast to Slow CCW

Extended 54CH (continued)

Ch	Function	Default	DMX values
22	Gobo Rotation	0	0–4 Rot Off 5–127 Position 0-540 128–190 forward 191–191 Rotation stop 192–255 backward
23	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
24	Gobo 2	0	0–5 Open (wheel slot 1) 6–18 Gobo 1 (wheel slot 2) 19–31 Gobo 2 (wheel slot 3) 32–44 Gobo 3 (wheel slot 4) 45–57 Gobo 4 (wheel slot 5) 58–70 Gobo 5 (wheel slot 6) 71–83 Gobo 6 (wheel slot 7) 84–96 Gobo 7 (wheel slot 8) 97–109 Shake Gobo 1 (wheel slot 2) 110–122 Shake Gobo 2 (wheel slot 3) 123–135 Shake Gobo 3 (wheel slot 4) 136–148 Shake Gobo 4 (wheel slot 5) 149–161 Shake Gobo 5 (wheel slot 6) 162–174 Shake Gobo 6 (wheel slot 7) 175–187 Shake Gobo 7 (wheel slot 8) 188–192 open (wheel slot 1) 193–223 Slow to Fast CW 224–224 Rot Stop 225–255 Fast to Slow CCW
25	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
26	Zoom Fine	128	Fine byte of Zoom
27	Focus	0	
28	Focus Fine	0	Fine byte of Focus
29	Iris	0	0–224 Open 225–225 Close 226–234 slow 235–235 fast 236–244 slow 245–245 fast 246–254 slow 255–255 fast
30	Prism	0	0–5 open (wheel slot 1) 6–130 Prism 1 (3 Facet) (wheel slot 2) 131–255 Prism 2 (6 Liner) (wheel slot 3)
31	Prism Rotation	0	0–5 Prism Rot Off 6–128 Prism position 0 to 540 129–191 Slow to Fast CW 192–192 Rotation Stop 193–255 Fast to Slow CCW
32	Frost1	0	0–254 0% 255–255 100%
33	Animation Wheel1	0	0–5 Wheel Rot Off 6–128 Wheel Position 0 to 540 129–191 Slow to Fast CW 192–192 Rot Stop 193–255 Fast to Slow CCW
34	Blade1A	0	0–254 Open 255–255 Close
35	Blade1A Fine	0	Fine byte of Blade1A

Extended 54CH (continued)

Ch	Function	Default	DMX values
36	Blade1B	0	0–254 Open 255–255 Close
37	Blade1B Fine	0	Fine byte of Blade1B
38	Blade2A	0	0–254 Open 255–255 Close
39	Blade2A Fine	0	Fine byte of Blade2A
40	Blade2B	0	0–254 Open 255–255 Close
41	Blade2B Fine	0	Fine byte of Blade2B
42	Blade3A	0	0–254 Open 255–255 Close
43	Blade3A Fine	0	Fine byte of Blade3A
44	Blade3B	0	0–254 Open 255–255 Close
45	Blade3B Fine	0	Fine byte of Blade3B
46	Blade4A	0	0–254 Open 255–255 Close
47	Blade4A Fine	0	Fine byte of Blade4A
48	Blade4B	0	0–254 Open 255–255 Close
49	Blade4B Fine	0	Fine byte of Blade4B
50	Shaper Rot	128	
51	Shaper Rot Fine	0	Fine byte of Shaper Rot
52	Position MSpeed	0	0–5 no function 6–254 Fast 255–255 Slow
53	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Unit Setting
54	Control1	0	0–5 no function 6–10 Invert Pan on (Hold 3s) 11–15 Invert Pan off (Hold 5s) 16–20 Invert Tilt on (Hold 3s) 21–25 Invert Tilt off (Hold 5s) 26–30 Fan Auto (Hold 3s) 31–35 Fan Silent (Hold 5s) 36–40 Linear Curve (hold 3s) 41–45 Square Curve (hold 3s) 46–50 Inv-Square Curve (hold 3s) 51–55 S - Curve (hold 3s) 56–60 1200Hz (hold 3s) 61–65 3600 Hz (hold 3s) 66–75 5000 Hz (hold 3s) 76–80 10000 Hz (hold 3s) 81–85 15000 Hz (hold 3s) 86–90 20000 Hz (hold 3s) 91–95 25000 Hz (hold 3s) 96–100 Reset Pan/Tilt (Hold 3s) 101–105 Reset only Head (Hold 3s) 106–110 Reset All Functions (Hold 3s) 111–255 No function