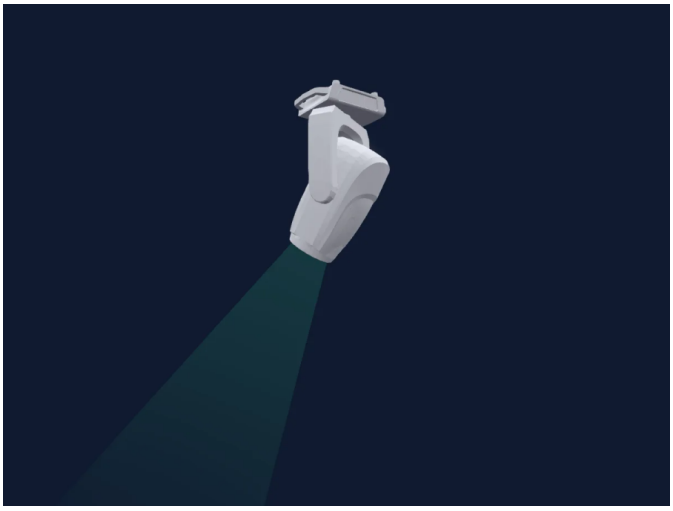
CKC Lighting

V8 Wash



Manufacturer	**CKC Lighting**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**31, 47 channels**
Beam angle	**6.5-56°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**313 × 530 × 300 mm**
GDTF fixture type	**96E677C3-1C91-47FD-9A46-01…**

Controls

Focus · Frost · Iris · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Movement speed

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Standard 31CH	31 ch
Extended 47CH	47 ch

Standard 31CH

31 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 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	50	0–31 close 32–63 open 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 TO	0	
12	C TC	0	0–10 Open 11–20 3200K 21–30 4000K 31–40 5600K 41–50 6500K 51–255 Open
13	Color Wheel	0	0–5 open (wheel slot 55) 6–115 indexing (wheel slot 61) 116–120 Open (wheel slot 1) 121–130 Deep Red (wheel slot 2) 131–140 Medium Blue (wheel slot 3) 141–150 Deep Green (wheel slot 4) 151–160 Deep orange (wheel slot 5) 161–170 Congo Blue (wheel slot 6) 171–180 Lavander (wheel slot 7) 181–192 Open (wheel slot 1) 193–223 Fast to Slow CW 224–224 Stop 225–255 Slow to Fast CCW
14	Color Wheel Fine	0	Fine byte of Color Wheel
15	Color Wheel 2	0	0–5 Color off (open) 6–115 Indexing 116–120 Open (wheel slot 1) 121–130 2700K (wheel slot 2) 131–140 3200K (wheel slot 3) 141–150 7500K (wheel slot 4) 151–160 9000K (wheel slot 5) 161–170 UV (wheel slot 6) 171–180 CRI (wheel slot 7) 181–192 Color off (wheel slot 1) 193–223 Fast to Slow CW 224–224 Stop 225–255 Slow to Fast CCW
16	Color Wheel 2 Fine	0	Fine byte of Color Wheel 2

Standard 31CH (continued)

Ch	Function	Default	DMX values
17	Zoom	128	
18	Focus	0	0–254 narrow 255–255 wide
19	Iris	0	0–224 0% 225–225 100% 226–234 Pulse opening slow 235–235 Pulse opening fast 236–244 Pulse closing slow 245–245 Pulse closing fast 246–254 Iris random slow 255–255 Iris random fast
20	Frost1	0	
21	Blade1A	0	
22	Blade1B	0	
23	Blade2A	0	
24	Blade2B	0	
25	Blade3A	0	
26	Blade3B	0	
27	Blade4A	0	
28	Blade4B	0	
29	Blade1Rot	128	
30	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Unit Setting
31	Control1	0	0–2 No function 3–4 OFF Display Backlight 5–6 On Display Backlight 7–17 Invert Pan on (Hold 3s) 18–29 Invert Pan off (Hold 5s) 30–41 Invert Tilt on (Hold 3s) 42–53 Invert Tilt off (Hold 5s) 54–65 Fan Auto (Hold 3s) 66–77 Fan Silent (Hold 5s) 78–89 Linear Dimmer Curve (hold 3s) 90–101 Square Dimmer Curve (hold 3s) 102–113 Inv-Square Dimmer Curve (hold 3s) 114–125 S - Dimmer Curve (hold 3s) 126–137 1200 Hz (hold 3s) 138–149 3600 Hz (hold 3s) 150–161 5000 Hz (hold 3s) 162–173 10000 Hz (hold 3s) 174–185 15000 Hz (hold 3s) 186–197 20000 Hz (hold 3s) 198–209 25000 Hz (hold 3s) 210–221 Reset Pan/Tilt (Hold 3s) 222–233 Reset only Head (Hold 3s) 234–255 Reset All Functions (Hold 3s)

Extended 47CH

47 channels

Ch	Function	Default	DMX values
1	Pan	128	

Extended 47CH (continued)

Ch	Function	Default	DMX values
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	50	0–31 close 32–63 open 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	Cyan Fine	0	Fine byte of Cyan
10	Magenta	0	
11	Magenta Fine	0	Fine byte of Magenta
12	Yellow	0	
13	Yellow Fine	0	Fine byte of Yellow
14	C TO	0	
15	C TO Fine	0	Fine byte of C TO
16	C TC	0	0–10 Open 11–20 3200K 21–30 4000K 31–40 5600K 41–50 6500K 51–255 Open
17	Color Wheel	0	0–5 open (wheel slot 55) 6–115 indexing (wheel slot 61) 116–120 Open (wheel slot 1) 121–130 Deep Red (wheel slot 2) 131–140 Medium Blue (wheel slot 3) 141–150 Deep Green (wheel slot 4) 151–160 Deep orange (wheel slot 5) 161–170 Congo Blue (wheel slot 6) 171–180 Lavander (wheel slot 7) 181–192 Open (wheel slot 1) 193–223 Fast to Slow CW 224–224 Stop 225–255 Slow to Fast CCW
18	Color Wheel Fine	0	Fine byte of Color Wheel

Extended 47CH (continued)

Ch	Function	Default	DMX values
19	Color Wheel 2	0	0–5 Color off (open) 6–115 Indexing 116–120 Open (wheel slot 1) 121–130 2700K (wheel slot 2) 131–140 3200K (wheel slot 3) 141–150 7500K (wheel slot 4) 151–160 9000K (wheel slot 5) 161–170 UV (wheel slot 6) 171–180 CRI (wheel slot 7) 181–192 Color off (wheel slot 1) 193–223 Fast to Slow CW 224–224 Stop 225–255 Slow to Fast CCW
20	Color Wheel 2 Fine	0	Fine byte of Color Wheel 2
21	Zoom	128	
22	Zoom Fine	0	Fine byte of Zoom
23	Focus	0	0–254 narrow 255–255 wide
24	Focus Fine	0	Fine byte of Focus
25	Iris	0	0–224 0% 225–225 100% 226–234 Pulse opening slow 235–235 Pulse opening fast 236–244 Pulse closing slow 245–245 Pulse closing fast 246–254 Iris random slow 255–255 Iris random fast
26	Frost1	0	
27	Blade1A	0	
28	Blade1A Fine	0	Fine byte of Blade1A
29	Blade1B	0	
30	Blade1B Fine	0	Fine byte of Blade1B
31	Blade2A	0	
32	Blade2A Fine	0	Fine byte of Blade2A
33	Blade2B	0	
34	Blade2B Fine	0	Fine byte of Blade2B
35	Blade3A	0	
36	Blade3A Fine	0	Fine byte of Blade3A
37	Blade3B	0	
38	Blade3B Fine	0	Fine byte of Blade3B
39	Blade4A	0	
40	Blade4A Fine	0	Fine byte of Blade4A
41	Blade4B	0	
42	Blade4B Fine	0	Fine byte of Blade4B
43	Blade1Rot	128	
44	Blade1Rot Fine	0	Fine byte of Blade1Rot
45	Position MSpeed	0	0–254 Max Speed 255–255 Min Speed

Extended 47CH (continued)

Ch	Function	Default	DMX values
46	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Unit Setting
47	Control1	0	0–2 No function 3–4 OFF Display Backlight 5–6 On Display Backlight 7–17 Invert Pan on (Hold 3s) 18–29 Invert Pan off (Hold 5s) 30–41 Invert Tilt on (Hold 3s) 42–53 Invert Tilt off (Hold 5s) 54–65 Fan Auto (Hold 3s) 66–77 Fan Silent (Hold 5s) 78–89 Linear Dimmer Curve (hold 3s) 90–101 Square Dimmer Curve (hold 3s) 102–113 Inv-Square Dimmer Curve (hold 3s) 114–125 S - Dimmer Curve (hold 3s) 126–137 1200 Hz (hold 3s) 138–149 3600 Hz (hold 3s) 150–161 5000 Hz (hold 3s) 162–173 10000 Hz (hold 3s) 174–185 15000 Hz (hold 3s) 186–197 20000 Hz (hold 3s) 198–209 25000 Hz (hold 3s) 210–221 Reset Pan/Tilt (Hold 3s) 222–233 Reset only Head (Hold 3s) 234–255 Reset All Functions (Hold 3s)