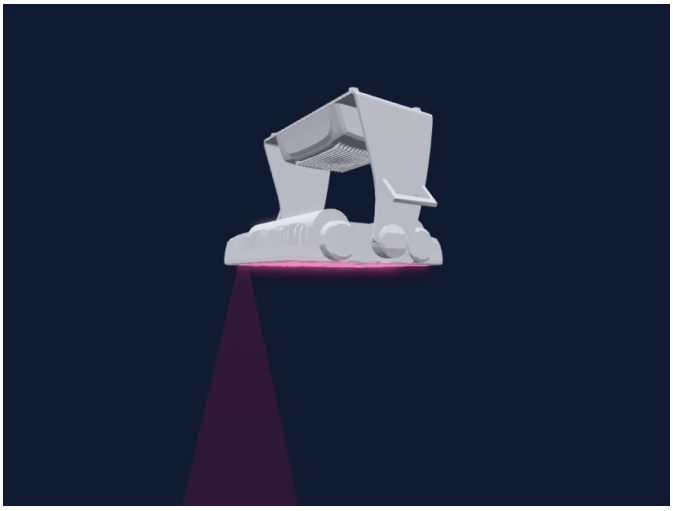
CKC Lighting

ARC W1000



Manufacturer	**CKC Lighting**
Type	**Effect light**
DMX modes	**4**
DMX footprint	**8, 16, 80 channels**
Beam angle	**25°**
Heads / cells	**10**
Size (W × H × D)	**530 × 367 × 239 mm**
GDTF fixture type	**46B0CF7C-9F01-469F-8B31-805…**

Controls

Extra LED colours · RGB colour mixing · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

8CH	8 ch
16CH1	16 ch
16CH2	16 ch
80CH	80 ch

8CH

8 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	Color Add GY	255	
8	Color Add GY Fine	255	Fine byte of Color Add GY

16CH1

16 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	50	0–31 Closed 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)
2	Dimmer	0	0–254 closed 255–255 open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Control1	0	0–10 Idle 11–20 Program 1 21–30 Program 2 31–40 Program 3 41–50 Program 4 51–60 Program 5 61–200 Idle1 201–210 Dimmer Curve Linear (default) 211–220 Dimmer Curve Square 221–230 Dimmer Curve Inverse Square 231–240 Dimmer Curve S-Curve 241–255 Idle
5	Color Macro1	0	
6	Red	255	
7	Red Fine	255	Fine byte of Red
8	Green	255	
9	Green Fine	255	Fine byte of Green
10	Blue	255	
11	Blue Fine	255	Fine byte of Blue
12	Color Add GY	255	
13	Color Add GY Fine	255	Fine byte of Color Add GY
14	Effect Speed	0	
15	Effects1Fade	0	

16CH1 (continued)

Ch	Function	Default	DMX values
16	Effect	0	0–10 No Effect 11–20 Save scene 1 21–30 Save scene 2 31–40 Save scene 3 41–50 Save scene 4 51–60 Save scene 5 61–70 Save scene 6 71–80 Save scene 7 81–90 Save scene 8 91–100 Enable the scene1-8 after power-on(hold 3s) 101–110 disable the scene1-8 after power-on(hold 3s) 111–120 Keep the Finally DMX after power-on(hold 3s) 121–255 No signal Black screen(hold 3s)

16CH2

16 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Color Add GY	0	
5	Red	0	
6	Green	0	
7	Blue	0	
8	Color Add GY	0	
9	Red	0	
10	Green	0	
11	Blue	0	
12	Color Add GY	0	
13	Red	0	
14	Green	0	
15	Blue	0	
16	Color Add GY	0	

80CH

80 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	Color Add GY	255	
8	Color Add GY Fine	255	Fine byte of Color Add GY
9	Red	255	
10	Red Fine	255	Fine byte of Red
11	Green	255	
12	Green Fine	255	Fine byte of Green

80CH (continued)

Ch	Function	Default	DMX values
13	Blue	255	
14	Blue Fine	255	Fine byte of Blue
15	Color Add GY	255	
16	Color Add GY Fine	255	Fine byte of Color Add GY
17	Red	255	
18	Red Fine	255	Fine byte of Red
19	Green	255	
20	Green Fine	255	Fine byte of Green
21	Blue	255	
22	Blue Fine	255	Fine byte of Blue
23	Color Add GY	255	
24	Color Add GY Fine	255	Fine byte of Color Add GY
25	Red	255	
26	Red Fine	255	Fine byte of Red
27	Green	255	
28	Green Fine	255	Fine byte of Green
29	Blue	255	
30	Blue Fine	255	Fine byte of Blue
31	Color Add GY	255	
32	Color Add GY Fine	255	Fine byte of Color Add GY
33	Red	255	
34	Red Fine	255	Fine byte of Red
35	Green	255	
36	Green Fine	255	Fine byte of Green
37	Blue	255	
38	Blue Fine	255	Fine byte of Blue
39	Color Add GY	255	
40	Color Add GY Fine	255	Fine byte of Color Add GY
41	Red	255	
42	Red Fine	255	Fine byte of Red
43	Green	255	
44	Green Fine	255	Fine byte of Green
45	Blue	255	
46	Blue Fine	255	Fine byte of Blue
47	Color Add GY	255	
48	Color Add GY Fine	255	Fine byte of Color Add GY
49	Red	255	
50	Red Fine	255	Fine byte of Red
51	Green	255	
52	Green Fine	255	Fine byte of Green
53	Blue	255	
54	Blue Fine	255	Fine byte of Blue
55	Color Add GY	255	
56	Color Add GY Fine	255	Fine byte of Color Add GY
57	Red	255	

80CH (continued)

Ch	Function	Default	DMX values
58	Red Fine	255	Fine byte of Red
59	Green	255	
60	Green Fine	255	Fine byte of Green
61	Blue	255	
62	Blue Fine	255	Fine byte of Blue
63	Color Add GY	255	
64	Color Add GY Fine	255	Fine byte of Color Add GY
65	Red	255	
66	Red Fine	255	Fine byte of Red
67	Green	255	
68	Green Fine	255	Fine byte of Green
69	Blue	255	
70	Blue Fine	255	Fine byte of Blue
71	Color Add GY	255	
72	Color Add GY Fine	255	Fine byte of Color Add GY
73	Red	255	
74	Red Fine	255	Fine byte of Red
75	Green	255	
76	Green Fine	255	Fine byte of Green
77	Blue	255	
78	Blue Fine	255	Fine byte of Blue
79	Color Add GY	255	
80	Color Add GY Fine	255	Fine byte of Color Add GY