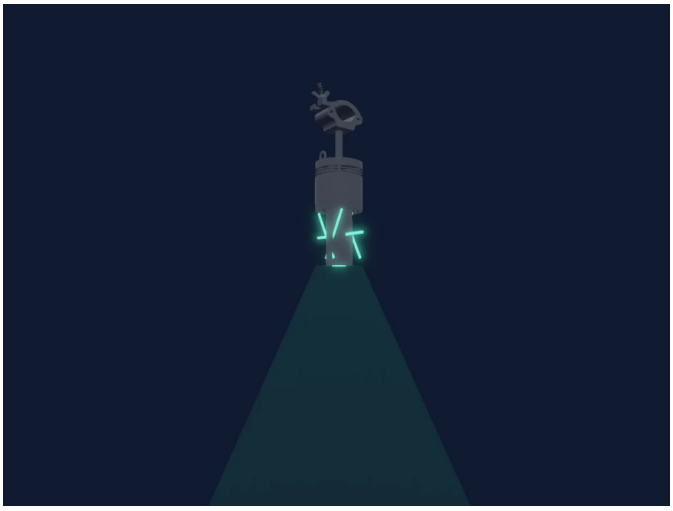
EK Lights

S240



Manufacturer	**EK Lights**
Type	**Effect light**
DMX modes	**4**
DMX footprint	**4, 14, 31 channels**
Beam angle	**50°**
Size (W × H × D)	**100 × 380 × 120 mm**
GDTF fixture type	**8280AC45-6C9E-4628-9E8E-F38…**

Controls

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

Safety-relevant functions

Built-in effect programmes

DMX modes

28CH	4 ch
4CH	4 ch
14CH	14 ch
31CH	31 ch

28CH

4 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	

4CH

4 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	

14CH

14 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	

14CH (continued)

Ch	Function	Default	DMX values
6	C TO	0	0–5 No Function 6–12 2800K 13–19 2900K 20–26 3000K 27–33 3100K 34–40 3200K 41–47 3300K 48–54 3400K 55–61 3500K 62–68 3600K 69–75 3700K 76–82 3800K 83–89 3900K 90–96 4000K 97–103 4100K 104–110 4200K 111–117 4300K 118–124 4400K 125–131 4500K 132–138 4600K 139–145 4700K 146–152 4800K 153–159 4900K 160–166 5000K 167–173 5100K 174–180 5200K 181–187 5300K 188–194 5400K 195–201 5500K 202–208 5600K 209–215 5700K 216–222 6000K 223–229 6500K 230–236 7000K 237–243 7500K 244–255 8000K
7	Shutter / Strobe	0	0–10 Open 11–254 Strobe · Min 0–24.9 Hz 255–255 Strobe · Max 25 Hz

14CH (continued)

Ch	Function	Default	DMX values
8	Effect	0	0–10 No Function 11–18 Effect 1 19–26 Effect 2 27–34 Effect 3 35–42 Effect 4 43–50 Effect 5 51–58 Effect 6 59–66 Effect 7 67–74 Effect 8 75–82 Effect 9 83–90 Effect 10 91–98 Effect 11 99–106 Effect 12 107–114 Effect 13 115–122 Effect 14 123–130 Effect 15 131–138 Effect 16 139–146 Effect 17 147–154 Effect 18 155–162 Effect 19 163–170 Effect 20 171–178 Effect 21 179–186 Effect 22 187–194 Effect 23 195–202 Effect 24 203–210 Effect 25 211–218 Effect 26 219–226 Effect 27 227–255 Effect 28
9	Effect Speed	0	
10	Dimmer	0	0–254 Closed 255–255 Open
11	Color Effects1	0	0–15 R 16–31 G 32–47 B 48–63 W 64–79 GB 80–95 RB 96–111 RG 112–127 RGB 128–143 RW 144–159 GW 160–175 BW 176–191 RGW 192–207 RBW 208–223 GBW 224–239 RGBW 240–255 Auto
12	Dimmer	0	0–254 Closed 255–255 Open

14CH (continued)

Ch	Function	Default	DMX values
13	Color Effects2	0	0–15 R 16–31 G 32–47 B 48–63 W 64–79 GB 80–95 RB 96–111 RG 112–127 RGB 128–143 RW 144–159 GW 160–175 BW 176–191 RGW 192–207 RBW 208–223 GBW 224–239 RGBW 240–255 Auto
14	Dimmer Mode	0	0–51 Preset dimmer speed from display menu 52–101 Dimmer Mode Off 102–152 Dimmer Mode 1 153–203 Dimmer Mode 2 204–255 Dimmer Mode 3

31CH

31 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
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	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	

31CH (continued)

Ch	Function	Default	DMX values
27	Reserved 27	0	
28	Reserved 28	0	
29	Shutter / Strobe	0	0–10 Open 11–254 Strobe · Min 0–24.9 Hz 255–255 Strobe · Max 25 Hz
30	Dimmer	0	0–254 Closed 255–255 Open
31	Dimmer Mode	0	0–51 Preset dimmer speed from display menu 52–101 Dimmer Mode Off 102–152 Dimmer Mode 1 153–203 Dimmer Mode 2 204–255 Dimmer Mode 3