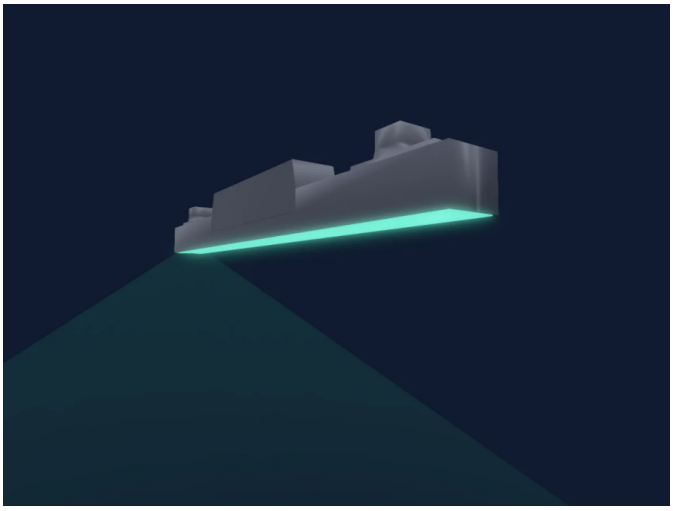
EK Lights

COLLIDER-BAR-IP



Manufacturer	**EK Lights**
Type	**Effect light**
DMX modes	**10**
DMX footprint	**4, 5, 6, 8, 11, 15, 62, 67 channels**
Beam angle	**110°**
Size (W × H × D)	**999 × 121 × 82 mm**
GDTF fixture type	**8DF11D58-B4DD-4546-9362-38…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

4CH	4 ch
60CH	4 ch
5CH	5 ch
6CH	6 ch
120CH	8 ch
8CH	8 ch
11 CH	11 ch
15CH	15 ch
62CH	62 ch
67CH	67 ch

4CH

4 channels

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

60CH

4 channels

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

5CH

5 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 TO	0	0–5 No Function 6–13 2800-2900K 14–20 2900K-3000K 21–27 3000K-3100K 28–34 3100K-3200K 35–41 3200K-3300K 42–48 3300K-3400K 49–55 3400K-3500K 56–62 3500K-3600K 63–69 3600K-3700K 70–76 3700K-3800K 77–83 3800K-3900K 84–90 3900K-4000K 91–97 4000K-4100K 98–104 4100K-4200K 105–111 4200K-4300K 112–118 4300K-4400K 119–125 4400K-4500K 126–132 4500K-4600K 133–139 4600K-4700K 140–146 4700K-4800K 147–153 4800K-4900K 154–160 4900K-5000K 161–167 5000K-5100K 168–174 5100K-5200K 175–181 5200K-5300K 182–188 5300K-5400K 189–195 5400K-5500K 196–202 5500K-5600K 203–209 5600K-5700K 210–216 5700K-6000K 217–223 6000K-6500K 224–230 6500K-7000K 231–237 7000K-7500K 238–244 7500K-8000K 245–255 8000K
4	H SBHue	128	

5CH (continued)

Ch	Function	Default	DMX values
5	Shutter / Strobe	0	0–10 Open 11–254 Strobe · Min 0–29.9 Hz 255–255 Strobe · Max 30 Hz

6CH

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	0–10 Open 11–254 Strobe · Min 0–29.9 Hz 255–255 Strobe · Max 30 Hz

120CH

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	White	255	
8	White Fine	255	Fine byte of White

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	White	255	
8	White Fine	255	Fine byte of White

11 CH

11 channels

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

11 CH (continued)

Ch	Function	Default	DMX values
4	Blue	255	
5	White	255	
6	Shutter / Strobe	11	0–10 Open 11–254 Strobe · Min 0–29.9 Hz 255–255 Strobe · Max 30 Hz
7	C TO	0	0–5 No Function 6–13 2800-2900K 14–20 2900K-3000K 21–27 3000K-3100K 28–34 3100K-3200K 35–41 3200K-3300K 42–48 3300K-3400K 49–55 3400K-3500K 56–62 3500K-3600K 63–69 3600K-3700K 70–76 3700K-3800K 77–83 3800K-3900K 84–90 3900K-4000K 91–97 4000K-4100K 98–104 4100K-4200K 105–111 4200K-4300K 112–118 4300K-4400K 119–125 4400K-4500K 126–132 4500K-4600K 133–139 4600K-4700K 140–146 4700K-4800K 147–153 4800K-4900K 154–160 4900K-5000K 161–167 5000K-5100K 168–174 5100K-5200K 175–181 5200K-5300K 182–188 5300K-5400K 189–195 5400K-5500K 196–202 5500K-5600K 203–209 5600K-5700K 210–216 5700K-6000K 217–223 6000K-6500K 224–230 6500K-7000K 231–237 7000K-7500K 238–244 7500K-8000K 245–255 8000K
8	H SBHue	0	

11 CH (continued)

Ch	Function	Default	DMX values
9	Effect	0	0–10 No Function 11–15 Auto Program1 16–20 Auto Program 2 21–25 Auto Program 3 26–30 Auto Program 4 31–35 Auto Program 5 36–40 Auto Program 6 41–45 Auto Program 7 46–50 Auto Program 8 51–55 Auto Program 9 56–60 Auto Program 10 61–65 Auto Program 11 66–70 Auto Program 12 71–75 Auto Program 13 76–80 Auto Program 14 81–85 Auto Program 15 86–90 Auto Program 16 91–95 Auto Program 17 96–100 Auto Program 18 101–105 Auto Program 19 106–110 Auto Program 20 111–115 Auto Program 21 116–120 Auto Program 22 121–125 Auto Program 23 126–205 Auto Program 24 206–255 Empty Channel Set
10	Effect Speed	0	0–50 indexing 51–255 Effect seepd
11	Control1	0	0–7 No Function 8–15 Dimmer Reset 16–23 Red Shift: ON 24–31 Red Shift: OFF 32–39 Dimmer Curve 40–47 Dimmer Linear 48–55 Dimmer Square 56–63 Dimmer Inverse Square 64–71 Dimmer Mode: Off 72–79 Dimmer Mode: 1 80–87 Dimmer Mode: 2 88–95 Dimmer Mode: 3 96–103 Fan Auto 104–111 Fan On 112–119 Fan Off 120–127 Fan Silent 128–255 Future Use (No Function)

15CH

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue

15CH (continued)

Ch	Function	Default	DMX values
9	White	255	
10	White Fine	255	Fine byte of White
11	Shutter / Strobe	11	0–10 Open 11–254 Strobe · Min 0–29.9 Hz 255–255 Strobe · Max 30 Hz
12	C TO	0	0–5 2800K 6–13 2800-2900K 14–20 2900K-3000K 21–27 3000K-3100K 28–34 3100K-3200K 35–41 3200K-3300K 42–48 3300K-3400K 49–55 3400K-3500K 56–62 3500K-3600K 63–69 3600K-3700K 70–76 3700K-3800K 77–83 3800K-3900K 84–90 3900K-4000K 91–97 4000K-4100K 98–104 4100K-4200K 105–111 4200K-4300K 112–118 4300K-4400K 119–125 4400K-4500K 126–132 4500K-4600K 133–139 4600K-4700K 140–146 4700K-4800K 147–153 4800K-4900K 154–160 4900K-5000K 161–167 5000K-5100K 168–174 5100K-5200K 175–181 5200K-5300K 182–188 5300K-5400K 189–195 5400K-5500K 196–202 5500K-5600K 203–209 5600K-5700K 210–216 5700K-6000K 217–223 6000K-6500K 224–230 6500K-7000K 231–237 7000K-7500K 238–244 7500K-8000K 245–255 8000K
13	H SBHue	128	

15CH (continued)

Ch	Function	Default	DMX values
14	Effect	0	0–10 No Function 11–15 Auto Program1 16–20 Auto Program 2 21–25 Auto Program 3 26–30 Auto Program 4 31–35 Auto Program 5 36–40 Auto Program 6 41–45 Auto Program 7 46–50 Auto Program 8 51–55 Auto Program 9 56–60 Auto Program 10 61–65 Auto Program 11 66–70 Auto Program 12 71–75 Auto Program 13 76–80 Auto Program 14 81–85 Auto Program 15 86–90 Auto Program 16 91–95 Auto Program 17 96–100 Auto Program 18 101–105 Auto Program 19 106–110 Auto Program 20 111–115 Auto Program 21 116–120 Auto Program 22 121–125 Auto Program 23 126–205 Auto Program 24 206–255 Empty Channel Set
15	Effects1Pos	0	0–50 indexing 51–255 Effect seepd

62CH

62 channels

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

62CH (continued)

Ch	Function	Default	DMX values
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Shutter / Strobe	0	0–10 Open 11–254 Strobe · Min 0–29.9 Hz 255–255 Strobe · Max 30 Hz

67CH

67 channels

Ch	Function	Default	DMX values
1	Dimmer	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	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	

67CH (continued)

Ch	Function	Default	DMX values
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Shutter / Strobe	11	0–10 Open 11–254 Strobe · Min 0–29.9 Hz 255–255 Strobe · Max 30 Hz
63	C TO	0	
64	H SBHue	128	
65	Effect	0	0–10 No Function 11–15 Auto Program1 16–20 Auto Program 2 21–25 Auto Program 3 26–30 Auto Program 4 31–35 Auto Program 5 36–40 Auto Program 6 41–45 Auto Program 7 46–50 Auto Program 8 51–55 Auto Program 9 56–60 Auto Program 10 61–65 Auto Program 11 66–70 Auto Program 12 71–75 Auto Program 13 76–80 Auto Program 14 81–85 Auto Program 15 86–90 Auto Program 16 91–95 Auto Program 17 96–100 Auto Program 18 101–105 Auto Program 19 106–110 Auto Program 20 111–115 Auto Program 21 116–120 Auto Program 22 121–125 Auto Program 23 126–205 Auto Program 24 206–255 Empty Channel Set
66	Effect Speed	0	
67	Control1	0	