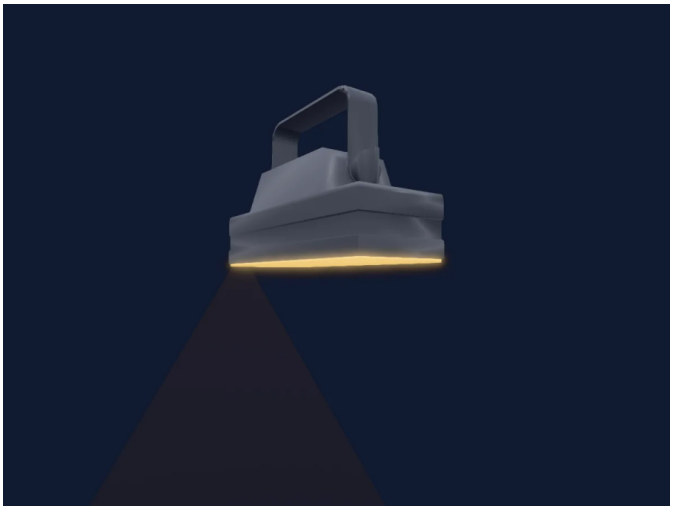
EK Lights

Radiant 3000



Manufacturer	**EK Lights**
Type	**Effect light**
DMX modes	**20**
DMX footprint	**4, 5, 11, 19, 23, 27, 31, 55, 79, 127, 151, 267 channels**
Beam angle	**60°**
Heads / cells	**36**
Size (W × H × D)	**322 × 164 × 55 mm**
GDTF fixture type	**B50253B6-FC0F-4693-8027-D5…**

Controls

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

Safety-relevant functions

Built-in effect programmes

DMX modes

Basic - Pixel	4 ch
Basic - Static	4 ch
Basic - Strobe	5 ch
Basic - RGBW Strobe	11 ch
Pixels - 1	11 ch
Pixels - 60	11 ch
Advanced 1	19 ch
Advanced 2	19 ch
Pixels - 3-1	19 ch
Pixels - 3-2	19 ch
Pixels - 4	23 ch
Pixels - 5	27 ch
Advanced 3	31 ch
Pixels - 6	31 ch
Pixels - 12-1	55 ch
Pixels - 12-2	55 ch
Pixels - 18	79 ch
Pixels - 30	127 ch
Pixels - 36	151 ch
Advanced 4	267 ch

Basic - Pixel

4 channels

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

Basic - Static

4 channels

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

Basic - Strobe

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	Strobe Duration	128	0–127 15ms 128–254 570ms 255–255 990ms
4	Strobe Rate	0	0–10 Open 11–132 Slow 133–254 Medium 255–255 Fast
5	Shutter1Strobe Effect	3	0–2 No Effects 3–5 Static 6–42 Pulse Open 43–85 Pulse Close 86–128 Pulse 129–171 Pulse Random 172–214 Lightning 215–255 Spikes

Basic - RGBW Strobe

11 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	C TO	0	0–5 Open 6–225 2800K 226–226 10000K 227–255 NoFeature 1
6	Tint	128	0–127 Red Max 128–254 Tint Off 255–255 Green Max
7	Dimmer	0	0–254 Closed 255–255 Open

Basic - RGBW Strobe (continued)

Ch	Function	Default	DMX values
8	Dimmer Fine	0	Fine byte of Dimmer
9	Strobe Duration	128	0–127 15ms 128–254 570ms 255–255 990ms
10	Strobe Rate	128	0–10 Open 11–127 Slow 128–254 Medium 255–255 Fast
11	Shutter1Strobe Effect	3	0–2 No Effects 3–5 Static 6–42 Pulse Open 43–85 Pulse Close 86–128 Pulse 129–171 Pulse Random 172–214 Lightning 215–255 Spikes

Pixels - 1

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	128	0–127 15ms 128–254 570ms 255–255 990ms
4	Strobe Rate	128	0–10 Open 11–127 Slow 128–254 Medium 255–255 Fast
5	Shutter1Strobe Effect	3	0–2 No Effects 3–5 Static 6–42 Pulse Open 43–85 Pulse Close 86–128 Pulse 129–171 Pulse Random 172–214 Lightning 215–255 Spikes
6	C TO	0	0–5 Open 6–225 2800K 226–226 10000K 227–255 NoFeature 1
7	Tint	128	0–127 Red Max 128–254 Tint Off 255–255 Green Max
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	

Pixels - 60

11 channels

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

Pixels - 60 (continued)

Ch	Function	Default	DMX values
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	128	0–127 15ms 128–254 570ms 255–255 990ms
4	Strobe Rate	0	0–10 Open 11–127 Slow 128–254 Medium 255–255 Fast
5	Shutter1Strobe Effect	3	0–2 No Effects 3–5 Static 6–42 Pulse Open 43–85 Pulse Close 86–128 Pulse 129–171 Pulse Random 172–214 Lightning 215–255 Spikes
6	C TO	0	0–5 Open 6–225 2800K 226–226 10000K 227–255 NoFeature 1
7	Tint	128	0–127 Red Max 128–254 Tint Off 255–255 Green Max
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	

Advanced 1

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Dimmer	255	0–254 Closed 255–255 Open
4	Shutter / Strobe	255	0–30 FG Closed 31–53 FG Strobe Slow 54–76 FG Strobe Med 77–100 FG Strobe Fast 101–130 FG Open 1 131–153 Random Strobe · FG Rand Slow 1–10.6 Hz 154–176 Random Strobe · FG Rand Med 11–20.6 Hz 177–200 Random Strobe · FG Rand Fast 21–31 Hz 201–255 FG Open 2
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	255	
9	C TO	0	0–5 Open 6–225 2800K 226–226 10000K 227–255 NoFeature 1

Advanced 1 (continued)

Ch	Function	Default	DMX values
10	Tint	128	0–127 Red Max 128–254 Tint Off 255–255 Green Max
11	Dimmer	0	0–254 Closed 255–255 Open
12	Shutter / Strobe 2	255	0–30 BG Closed 31–53 BG Strobe Slow 54–76 BG Strobe Med 77–100 BG Strobe Fast 101–130 BG Open 1 131–153 Random Strobe · BG Rand Slow 1–10.6 Hz 154–176 Random Strobe · BG Rand Med 11–20.6 Hz 177–200 Random Strobe · BG Rand Fast 21–31 Hz 201–255 BG Open 2
13	Red	255	
14	Green	255	
15	Blue	255	
16	White	255	
17	Effect	0	0–10 Open 11–15 FX 1 16–20 FX 2 21–25 FX 3 26–30 FX 4 31–35 FX 5 36–40 FX 6 41–45 FX 7 46–50 FX 8 51–55 FX 9 56–60 FX 10 61–65 FX 11 66–70 FX 12 71–75 FX 13 76–80 FX 14 81–85 FX 15 86–90 FX 16 91–95 FX 17 96–100 FX 18 101–105 FX 19 106–110 FX 20 111–115 FX 21 116–120 FX 22 121–125 FX 23 126–205 NoFeature 1 206–254 Min 255–255 Max
18	Effect Speed	153	0–24 Min 25–49 Middle 50–50 Max 51–118 Slow 119–186 Med 187–255 Fast
19	Dimmer Mode	0	0–51 From Menu 52–101 Mode Off 102–152 Mode 1 153–203 Mode 2 204–255 Mode 3

Advanced 2

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Dimmer	255	0–254 Closed 255–255 Open
4	Shutter / Strobe	255	0–30 FG Closed 31–53 FG Strobe Slow 54–76 FG Strobe Med 77–100 FG Strobe Fast 101–130 FG Open 1 131–153 Random Strobe · FG Rand Slow 1–10.6 Hz 154–176 Random Strobe · FG Rand Med 11–20.6 Hz 177–200 Random Strobe · FG Rand Fast 21–31 Hz 201–255 FG Open 2
5	Dimmer	0	0–254 Closed 255–255 Open
6	Shutter / Strobe 2	255	0–30 BG Closed 31–53 BG Strobe Slow 54–76 BG Strobe Med 77–100 BG Strobe Fast 101–130 BG Open 1 131–153 Random Strobe · BG Rand Slow 1–10.6 Hz 154–176 Random Strobe · BG Rand Med 11–20.6 Hz 177–200 Random Strobe · BG Rand Fast 21–31 Hz 201–255 BG Open 2
7	Red	255	
8	Green	255	
9	Blue	255	
10	White	255	
11	Effect	0	0–10 Open 11–15 FX 1 16–20 FX 2 21–25 FX 3 26–30 FX 4 31–35 FX 5 36–40 FX 6 41–45 FX 7 46–50 FX 8 51–55 FX 9 56–60 FX 10 61–65 FX 11 66–70 FX 12 71–75 FX 13 76–80 FX 14 81–85 FX 15 86–90 FX 16 91–95 FX 17 96–100 FX 18 101–105 FX 19 106–110 FX 20 111–115 FX 21 116–120 FX 22 121–125 FX 23 126–205 NoFeature 1 206–254 Min 255–255 Max

Advanced 2 (continued)

Ch	Function	Default	DMX values
12	Effect Speed	153	0–24 Min 25–49 Middle 50–50 Max 51–118 Slow 119–186 Med 187–255 Fast
13	Dimmer Mode	0	0–51 From Menu 52–101 Mode Off 102–152 Mode 1 153–203 Mode 2 204–255 Mode 3
14	C TO	0	0–5 Open 6–225 2800K 226–226 10000K 227–255 NoFeature 1
15	Tint	128	0–127 Red Max 128–254 Tint Off 255–255 Green Max
16	Red	255	
17	Green	255	
18	Blue	255	
19	White	255	

Pixels - 3-1

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	128	0–127 15ms 128–254 570ms 255–255 990ms
4	Strobe Rate	0	0–10 Open 11–127 Slow 128–254 Medium 255–255 Fast
5	Shutter1Strobe Effect	3	0–2 No Effects 3–5 Static 6–42 Pulse Open 43–85 Pulse Close 86–128 Pulse 129–171 Pulse Random 172–214 Lightning 215–255 Spikes
6	C TO	0	0–5 Open 6–225 2800K 226–226 10000K 227–255 NoFeature 1
7	Tint	128	0–127 Red Max 128–254 Tint Off 255–255 Green Max
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	

Pixels - 3-1 (continued)

Ch	Function	Default	DMX values
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	255	
16	Red	255	
17	Green	255	
18	Blue	255	
19	White	255	

Pixels - 3-2

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	128	0–127 15ms 128–254 570ms 255–255 990ms
4	Strobe Rate	0	0–10 Open 11–127 Slow 128–254 Medium 255–255 Fast
5	Shutter1Strobe Effect	3	0–2 No Effects 3–5 Static 6–42 Pulse Open 43–85 Pulse Close 86–128 Pulse 129–171 Pulse Random 172–214 Lightning 215–255 Spikes
6	C TO	0	0–5 Open 6–225 2800K 226–226 10000K 227–255 NoFeature 1
7	Tint	128	0–127 Red Max 128–254 Tint Off 255–255 Green Max
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	255	
16	Red	255	
17	Green	255	
18	Blue	255	
19	White	255	

Pixels - 4

23 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	128	0–127 15ms 128–254 570ms 255–255 990ms
4	Strobe Rate	0	0–10 Open 11–127 Slow 128–254 Medium 255–255 Fast
5	Shutter1Strobe Effect	3	0–2 No Effects 3–5 Static 6–42 Pulse Open 43–85 Pulse Close 86–128 Pulse 129–171 Pulse Random 172–214 Lightning 215–255 Spikes
6	C TO	0	0–5 Open 6–225 2800K 226–226 10000K 227–255 NoFeature 1
7	Tint	128	0–127 Red Max 128–254 Tint Off 255–255 Green Max
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	255	
16	Red	255	
17	Green	255	
18	Blue	255	
19	White	255	
20	Red	255	
21	Green	255	
22	Blue	255	
23	White	255	

Pixels - 5

27 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	128	0–127 15ms 128–254 570ms 255–255 990ms

Pixels - 5 (continued)

Ch	Function	Default	DMX values
4	Strobe Rate	0	0–10 Open 11–127 Slow 128–254 Medium 255–255 Fast
5	Shutter1Strobe Effect	3	0–2 No Effects 3–5 Static 6–42 Pulse Open 43–85 Pulse Close 86–128 Pulse 129–171 Pulse Random 172–214 Lightning 215–255 Spikes
6	C TO	0	0–5 Open 6–225 2800K 226–226 10000K 227–255 NoFeature 1
7	Tint	128	0–127 Red Max 128–254 Tint Off 255–255 Green Max
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	255	
16	Red	255	
17	Green	255	
18	Blue	255	
19	White	255	
20	Red	255	
21	Green	255	
22	Blue	255	
23	White	255	
24	Red	255	
25	Green	255	
26	Blue	255	
27	White	255	

Advanced 3

31 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Dimmer	255	0–254 Closed 255–255 Open

Advanced 3 (continued)

Ch	Function	Default	DMX values
4	Shutter / Strobe	255	0–30 FG Closed 31–53 FG Strobe Slow 54–76 FG Strobe Med 77–100 FG Strobe Fast 101–130 FG Open 1 131–153 Random Strobe · FG Rand Slow 1–10.6 Hz 154–176 Random Strobe · FG Rand Med 11–20.6 Hz 177–200 Random Strobe · FG Rand Fast 21–31 Hz 201–255 FG Open 2
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	255	
9	C TO	0	0–5 Open 6–225 2800K 226–226 10000K 227–255 NoFeature 1
10	Tint	128	0–127 Red Max 128–254 Tint Off 255–255 Green Max
11	Dimmer	0	0–254 Closed 255–255 Open
12	Shutter / Strobe 2	255	0–30 BG Closed 31–53 BG Strobe Slow 54–76 BG Strobe Med 77–100 BG Strobe Fast 101–130 BG Open 1 131–153 Random Strobe · BG Rand Slow 1–10.6 Hz 154–176 Random Strobe · BG Rand Med 11–20.6 Hz 177–200 Random Strobe · BG Rand Fast 21–31 Hz 201–255 BG Open 2
13	Red	255	
14	Green	255	
15	Blue	255	
16	White	255	
17	Dimmer	0	0–254 Closed 255–255 Open
18	Shutter / Strobe 3	255	0–30 L1 Closed 31–53 L1 Strobe Slow 54–76 L1 Strobe Med 77–100 L1 Strobe Fast 101–130 L1 Open 1 131–153 Random Strobe · L1 Rand Slow 1–10.6 Hz 154–176 Random Strobe · L1 Rand Med 11–20.6 Hz 177–200 Random Strobe · L1 Rand Fast 21–31 Hz 201–255 L1 Open 2
19	Red	255	
20	Green	255	
21	Blue	255	
22	White	255	

Advanced 3 (continued)

Ch	Function	Default	DMX values
23	Effect 2	0	0–10 Open 11–15 FX 1 16–20 FX 2 21–25 FX 3 26–30 FX 4 31–35 FX 5 36–40 FX 6 41–45 FX 7 46–50 FX 8 51–55 FX 9 56–60 FX 10 61–65 FX 11 66–70 FX 12 71–75 FX 13 76–80 FX 14 81–85 FX 15 86–90 FX 16 91–95 FX 17 96–100 FX 18 101–105 FX 19 106–110 FX 20 111–115 FX 21 116–120 FX 22 121–125 FX 23 126–205 NoFeature 1 206–254 Min 255–255 Max
24	Effect Speed 2	153	0–24 Min 25–49 Middle 50–50 Max 51–118 Slow 119–186 Med 187–255 Fast
25	Effects Sync	0	0–199 L1 Min 200–200 L1 Max 201–254 L1 Min 255–255 L1 Max

Advanced 3 (continued)

Ch	Function	Default	DMX values
26	Effect	0	0–10 Open 11–15 FX 1 16–20 FX 2 21–25 FX 3 26–30 FX 4 31–35 FX 5 36–40 FX 6 41–45 FX 7 46–50 FX 8 51–55 FX 9 56–60 FX 10 61–65 FX 11 66–70 FX 12 71–75 FX 13 76–80 FX 14 81–85 FX 15 86–90 FX 16 91–95 FX 17 96–100 FX 18 101–105 FX 19 106–110 FX 20 111–115 FX 21 116–120 FX 22 121–125 FX 23 126–205 NoFeature 1 206–254 Min 255–255 Max
27	Effect Speed	153	0–24 Min 25–49 Middle 50–50 Max 51–118 Slow 119–186 Med 187–255 Fast
28	Effects Sync	0	0–199 FG Min 200–200 FG Max 201–254 FG Min 255–255 FG Max
29	No Feature	0	
30	No Feature	0	
31	Dimmer Mode	0	0–51 From Menu 52–101 Mode Off 102–152 Mode 1 153–203 Mode 2 204–255 Mode 3

Pixels - 6

31 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	128	0–127 15ms 128–254 570ms 255–255 990ms
4	Strobe Rate	0	0–10 Open 11–127 Slow 128–254 Medium 255–255 Fast

Pixels - 6 (continued)

Ch	Function	Default	DMX values
5	Shutter1Strobe Effect	3	0–2 No Effects 3–5 Static 6–42 Pulse Open 43–85 Pulse Close 86–128 Pulse 129–171 Pulse Random 172–214 Lightning 215–255 Spikes
6	C TO	0	0–5 Open 6–225 2800K 226–226 10000K 227–255 NoFeature 1
7	Tint	128	0–127 Red Max 128–254 Tint Off 255–255 Green Max
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	255	
16	Red	255	
17	Green	255	
18	Blue	255	
19	White	255	
20	Red	255	
21	Green	255	
22	Blue	255	
23	White	255	
24	Red	255	
25	Green	255	
26	Blue	255	
27	White	255	
28	Red	255	
29	Green	255	
30	Blue	255	
31	White	255	

Pixels - 12-1

55 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	128	0–127 15ms 128–254 570ms 255–255 990ms

Pixels - 12-1 (continued)

Ch	Function	Default	DMX values
4	Strobe Rate	0	0–10 Open 11–127 Slow 128–254 Medium 255–255 Fast
5	Shutter1Strobe Effect	3	0–2 No Effects 3–5 Static 6–42 Pulse Open 43–85 Pulse Close 86–128 Pulse 129–171 Pulse Random 172–214 Lightning 215–255 Spikes
6	C TO	0	0–5 Open 6–225 2800K 226–226 10000K 227–255 NoFeature 1
7	Tint	128	0–127 Red Max 128–254 Tint Off 255–255 Green Max
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	255	
16	Red	255	
17	Green	255	
18	Blue	255	
19	White	255	
20	Red	255	
21	Green	255	
22	Blue	255	
23	White	255	
24	Red	255	
25	Green	255	
26	Blue	255	
27	White	255	
28	Red	255	
29	Green	255	
30	Blue	255	
31	White	255	
32	Red	255	
33	Green	255	
34	Blue	255	
35	White	255	
36	Red	255	
37	Green	255	

Pixels - 12-1 (continued)

Ch	Function	Default	DMX values
38	Blue	255	
39	White	255	
40	Red	255	
41	Green	255	
42	Blue	255	
43	White	255	
44	Red	255	
45	Green	255	
46	Blue	255	
47	White	255	
48	Red	255	
49	Green	255	
50	Blue	255	
51	White	255	
52	Red	255	
53	Green	255	
54	Blue	255	
55	White	255	

Pixels - 12-2

55 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	128	0–127 15ms 128–254 570ms 255–255 990ms
4	Strobe Rate	0	0–10 Open 11–127 Slow 128–254 Medium 255–255 Fast
5	Shutter1Strobe Effect	3	0–2 No Effects 3–5 Static 6–42 Pulse Open 43–85 Pulse Close 86–128 Pulse 129–171 Pulse Random 172–214 Lightning 215–255 Spikes
6	C TO	0	0–5 Open 6–225 2800K 226–226 10000K 227–255 NoFeature 1
7	Tint	128	0–127 Red Max 128–254 Tint Off 255–255 Green Max
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	

Pixels - 12-2 (continued)

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

Pixels - 18

79 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	128	
4	Strobe Rate	0	
5	Shutter1Strobe Effect	3	
6	C TO	0	
7	Tint	128	
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	255	
16	Red	255	
17	Green	255	
18	Blue	255	
19	White	255	
20	Red	255	
21	Green	255	
22	Blue	255	
23	White	255	
24	Red	255	
25	Green	255	
26	Blue	255	
27	White	255	
28	Red	255	
29	Green	255	
30	Blue	255	
31	White	255	
32	Red	255	
33	Green	255	
34	Blue	255	
35	White	255	
36	Red	255	
37	Green	255	
38	Blue	255	
39	White	255	
40	Red	255	
41	Green	255	
42	Blue	255	
43	White	255	
44	Red	255	
45	Green	255	

Pixels - 18 (continued)

Ch	Function	Default	DMX values
46	Blue	255	
47	White	255	
48	Red	255	
49	Green	255	
50	Blue	255	
51	White	255	
52	Red	255	
53	Green	255	
54	Blue	255	
55	White	255	
56	Red	255	
57	Green	255	
58	Blue	255	
59	White	255	
60	Red	255	
61	Green	255	
62	Blue	255	
63	White	255	
64	Red	255	
65	Green	255	
66	Blue	255	
67	White	255	
68	Red	255	
69	Green	255	
70	Blue	255	
71	White	255	
72	Red	255	
73	Green	255	
74	Blue	255	
75	White	255	
76	Red	255	
77	Green	255	
78	Blue	255	
79	White	255	

Pixels - 30

127 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	128	
4	Strobe Rate	0	
5	Shutter1Strobe Effect	3	
6	C TO	0	
7	Tint	128	

Pixels - 30 (continued)

Ch	Function	Default	DMX values
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	255	
16	Red	255	
17	Green	255	
18	Blue	255	
19	White	255	
20	Red	255	
21	Green	255	
22	Blue	255	
23	White	255	
24	Red	255	
25	Green	255	
26	Blue	255	
27	White	255	
28	Red	255	
29	Green	255	
30	Blue	255	
31	White	255	
32	Red	255	
33	Green	255	
34	Blue	255	
35	White	255	
36	Red	255	
37	Green	255	
38	Blue	255	
39	White	255	
40	Red	255	
41	Green	255	
42	Blue	255	
43	White	255	
44	Red	255	
45	Green	255	
46	Blue	255	
47	White	255	
48	Red	255	
49	Green	255	
50	Blue	255	
51	White	255	
52	Red	255	

Pixels - 30 (continued)

Ch	Function	Default	DMX values
53	Green	255	
54	Blue	255	
55	White	255	
56	Red	255	
57	Green	255	
58	Blue	255	
59	White	255	
60	Red	255	
61	Green	255	
62	Blue	255	
63	White	255	
64	Red	255	
65	Green	255	
66	Blue	255	
67	White	255	
68	Red	255	
69	Green	255	
70	Blue	255	
71	White	255	
72	Red	255	
73	Green	255	
74	Blue	255	
75	White	255	
76	Red	255	
77	Green	255	
78	Blue	255	
79	White	255	
80	Red	255	
81	Green	255	
82	Blue	255	
83	White	255	
84	Red	255	
85	Green	255	
86	Blue	255	
87	White	255	
88	Red	255	
89	Green	255	
90	Blue	255	
91	White	255	
92	Red	255	
93	Green	255	
94	Blue	255	
95	White	255	
96	Red	255	
97	Green	255	

Pixels - 30 (continued)

Ch	Function	Default	DMX values
98	Blue	255	
99	White	255	
100	Red	255	
101	Green	255	
102	Blue	255	
103	White	255	
104	Red	255	
105	Green	255	
106	Blue	255	
107	White	255	
108	Red	255	
109	Green	255	
110	Blue	255	
111	White	255	
112	Red	255	
113	Green	255	
114	Blue	255	
115	White	255	
116	Red	255	
117	Green	255	
118	Blue	255	
119	White	255	
120	Red	255	
121	Green	255	
122	Blue	255	
123	White	255	
124	Red	255	
125	Green	255	
126	Blue	255	
127	White	255	

Pixels - 36

151 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	128	
4	Strobe Rate	0	
5	Shutter1Strobe Effect	3	
6	C TO	0	
7	Tint	128	
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	

Pixels - 36 (continued)

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

Pixels - 36 (continued)

Ch	Function	Default	DMX values
57	Green	255	
58	Blue	255	
59	White	255	
60	Red	255	
61	Green	255	
62	Blue	255	
63	White	255	
64	Red	255	
65	Green	255	
66	Blue	255	
67	White	255	
68	Red	255	
69	Green	255	
70	Blue	255	
71	White	255	
72	Red	255	
73	Green	255	
74	Blue	255	
75	White	255	
76	Red	255	
77	Green	255	
78	Blue	255	
79	White	255	
80	Red	255	
81	Green	255	
82	Blue	255	
83	White	255	
84	Red	255	
85	Green	255	
86	Blue	255	
87	White	255	
88	Red	255	
89	Green	255	
90	Blue	255	
91	White	255	
92	Red	255	
93	Green	255	
94	Blue	255	
95	White	255	
96	Red	255	
97	Green	255	
98	Blue	255	
99	White	255	
100	Red	255	
101	Green	255	

Pixels - 36 (continued)

Ch	Function	Default	DMX values
102	Blue	255	
103	White	255	
104	Red	255	
105	Green	255	
106	Blue	255	
107	White	255	
108	Red	255	
109	Green	255	
110	Blue	255	
111	White	255	
112	Red	255	
113	Green	255	
114	Blue	255	
115	White	255	
116	Red	255	
117	Green	255	
118	Blue	255	
119	White	255	
120	Red	255	
121	Green	255	
122	Blue	255	
123	White	255	
124	Red	255	
125	Green	255	
126	Blue	255	
127	White	255	
128	Red	255	
129	Green	255	
130	Blue	255	
131	White	255	
132	Red	255	
133	Green	255	
134	Blue	255	
135	White	255	
136	Red	255	
137	Green	255	
138	Blue	255	
139	White	255	
140	Red	255	
141	Green	255	
142	Blue	255	
143	White	255	
144	Red	255	
145	Green	255	
146	Blue	255	

Pixels - 36 (continued)

Ch	Function	Default	DMX values
147	White	255	
148	Red	255	
149	Green	255	
150	Blue	255	
151	White	255	

Advanced 4

267 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Dimmer	255	
4	Shutter / Strobe	255	0–30 FG Closed 31–53 FG Strobe Slow 54–76 FG Strobe Med 77–100 FG Strobe Fast 101–130 FG Open 1 131–153 Random Strobe · FG Rand Slow 1–10.6 Hz 154–176 Random Strobe · FG Rand Med 11–20.6 Hz 177–200 Random Strobe · FG Rand Fast 21–31 Hz 201–255 FG Open 2
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	255	
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	

Advanced 4 (continued)

Ch	Function	Default	DMX values
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	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	

Advanced 4 (continued)

Ch	Function	Default	DMX values
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	
91	Reserved 91	0	
92	Reserved 92	0	
93	Reserved 93	0	
94	Reserved 94	0	
95	Reserved 95	0	
96	Reserved 96	0	
97	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	
101	Reserved 101	0	
102	Reserved 102	0	
103	Reserved 103	0	
104	Reserved 104	0	
105	Reserved 105	0	
106	Reserved 106	0	
107	Reserved 107	0	
108	Reserved 108	0	
109	Reserved 109	0	
110	Reserved 110	0	
111	Reserved 111	0	
112	Reserved 112	0	
113	Reserved 113	0	
114	Reserved 114	0	
115	Reserved 115	0	
116	Reserved 116	0	
117	Reserved 117	0	
118	Reserved 118	0	
119	Reserved 119	0	
120	Reserved 120	0	
121	Reserved 121	0	

Advanced 4 (continued)

Ch	Function	Default	DMX values
122	Reserved 122	0	
123	Reserved 123	0	
124	Reserved 124	0	
125	Reserved 125	0	
126	Reserved 126	0	
127	Reserved 127	0	
128	Reserved 128	0	
129	Reserved 129	0	
130	Reserved 130	0	
131	Reserved 131	0	
132	Reserved 132	0	
133	Reserved 133	0	
134	Reserved 134	0	
135	Reserved 135	0	
136	Reserved 136	0	
137	Reserved 137	0	
138	Reserved 138	0	
139	Reserved 139	0	
140	Reserved 140	0	
141	Reserved 141	0	
142	Reserved 142	0	
143	Reserved 143	0	
144	Reserved 144	0	
145	Reserved 145	0	
146	Reserved 146	0	
147	Reserved 147	0	
148	Reserved 148	0	
149	Reserved 149	0	
150	Reserved 150	0	
151	Reserved 151	0	
152	Reserved 152	0	
153	Reserved 153	0	
154	Reserved 154	0	
155	Reserved 155	0	
156	Reserved 156	0	
157	Reserved 157	0	
158	Reserved 158	0	
159	Reserved 159	0	
160	Reserved 160	0	
161	Reserved 161	0	
162	Reserved 162	0	
163	Reserved 163	0	
164	Reserved 164	0	
165	Reserved 165	0	
166	Reserved 166	0	

Advanced 4 (continued)

Ch	Function	Default	DMX values
167	Reserved 167	0	
168	Reserved 168	0	
169	Reserved 169	0	
170	Reserved 170	0	
171	Reserved 171	0	
172	Reserved 172	0	
173	Reserved 173	0	
174	Reserved 174	0	
175	Reserved 175	0	
176	Reserved 176	0	
177	Reserved 177	0	
178	Reserved 178	0	
179	Reserved 179	0	
180	Reserved 180	0	
181	Reserved 181	0	
182	Reserved 182	0	
183	Reserved 183	0	
184	Reserved 184	0	
185	Reserved 185	0	
186	Reserved 186	0	
187	Reserved 187	0	
188	Reserved 188	0	
189	Reserved 189	0	
190	Reserved 190	0	
191	Reserved 191	0	
192	Reserved 192	0	
193	Reserved 193	0	
194	Reserved 194	0	
195	Reserved 195	0	
196	Reserved 196	0	
197	Reserved 197	0	
198	Reserved 198	0	
199	Reserved 199	0	
200	Reserved 200	0	
201	Reserved 201	0	
202	Reserved 202	0	
203	Reserved 203	0	
204	Reserved 204	0	
205	Reserved 205	0	
206	Reserved 206	0	
207	Reserved 207	0	
208	Reserved 208	0	
209	Reserved 209	0	
210	Reserved 210	0	
211	Reserved 211	0	

Advanced 4 (continued)

Ch	Function	Default	DMX values
212	Reserved 212	0	
213	Reserved 213	0	
214	Reserved 214	0	
215	Reserved 215	0	
216	Reserved 216	0	
217	Reserved 217	0	
218	Reserved 218	0	
219	Reserved 219	0	
220	Reserved 220	0	
221	Reserved 221	0	
222	Reserved 222	0	
223	Reserved 223	0	
224	Reserved 224	0	
225	Reserved 225	0	
226	Reserved 226	0	
227	Reserved 227	0	
228	Reserved 228	0	
229	Reserved 229	0	
230	Reserved 230	0	
231	Reserved 231	0	
232	Reserved 232	0	
233	Reserved 233	0	
234	Reserved 234	0	
235	Reserved 235	0	
236	Reserved 236	0	
237	Reserved 237	0	
238	Reserved 238	0	
239	Reserved 239	0	
240	Reserved 240	0	
241	Reserved 241	0	
242	Reserved 242	0	
243	Reserved 243	0	
244	Reserved 244	0	
245	C TO	0	
246	Tint	128	
247	Dimmer	0	
248	Shutter / Strobe 2	255	0–30 BG Closed 31–53 BG Strobe Slow 54–76 BG Strobe Med 77–100 BG Strobe Fast 101–130 BG Open 1 131–153 Random Strobe · BG Rand Slow 1–10.6 Hz 154–176 Random Strobe · BG Rand Med 11–20.6 Hz 177–200 Random Strobe · BG Rand Fast 21–31 Hz 201–255 BG Open 2
249	Red	255	
250	Green	255	

Advanced 4 (continued)

Ch	Function	Default	DMX values
251	Blue	255	
252	White	255	
253	Dimmer	0	
254	Shutter / Strobe 3	255	0–30 L1 Closed 31–53 L1 Strobe Slow 54–76 L1 Strobe Med 77–100 L1 Strobe Fast 101–130 L1 Open 1 131–153 Random Strobe · L1 Rand Slow 1–10.6 Hz 154–176 Random Strobe · L1 Rand Med 11–20.6 Hz 177–200 Random Strobe · L1 Rand Fast 21–31 Hz 201–255 L1 Open 2
255	Red	255	
256	Green	255	
257	Blue	255	
258	White	255	
259	Effect 2	0	0–10 Open 11–15 FX 1 16–20 FX 2 21–25 FX 3 26–30 FX 4 31–35 FX 5 36–40 FX 6 41–45 FX 7 46–50 FX 8 51–55 FX 9 56–60 FX 10 61–65 FX 11 66–70 FX 12 71–75 FX 13 76–80 FX 14 81–85 FX 15 86–90 FX 16 91–95 FX 17 96–100 FX 18 101–105 FX 19 106–110 FX 20 111–115 FX 21 116–120 FX 22 121–125 FX 23 126–205 NoFeature 1 206–254 Min 255–255 Max
260	Effect Speed 2	153	
261	Effects Sync	0	

Advanced 4 (continued)

Ch	Function	Default	DMX values
262	Effect	0	0–10 Open 11–15 FX 1 16–20 FX 2 21–25 FX 3 26–30 FX 4 31–35 FX 5 36–40 FX 6 41–45 FX 7 46–50 FX 8 51–55 FX 9 56–60 FX 10 61–65 FX 11 66–70 FX 12 71–75 FX 13 76–80 FX 14 81–85 FX 15 86–90 FX 16 91–95 FX 17 96–100 FX 18 101–105 FX 19 106–110 FX 20 111–115 FX 21 116–120 FX 22 121–125 FX 23 126–205 NoFeature 1 206–254 Min 255–255 Max
263	Effect Speed	153	
264	Effects Sync	0	
265	No Feature	0	
266	No Feature	0	
267	Dimmer Mode	0	