Leding

eMotion Bar



Manufacturer	**Leding**
Type	**Effect light**
DMX modes	**9**
DMX footprint	**1, 5, 6, 10, 12, 19, 20, 40, 50 channels**
Beam angle	**25°**
Heads / cells	**8**
Size (W × H × D)	**508 × 175 × 139 mm**
GDTF fixture type	**728CF24C-3B8A-137C-D3A1-8D…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

1 CH	1 ch
5 CH	5 ch
6 CH	6 ch
10 CH	10 ch
12 CH	12 ch
19 CH	19 ch
20 CH	20 ch
40 CH	40 ch
50 CH	50 ch

1 CH

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open

5 CH

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GC	255	
5	Color Add RY	255	

6 CH

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	C OLORMIXER	2	
3	C OLORTEMPERATURE	0	0–7 No Function 8–254 Min 255–255 Max
4	Tint	128	
5	H SBQuality	0	
6	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open 47–86 Pulse Out 87–88 Open 89–128 Pulse In 129–130 Open 131–170 Random 171–172 Open 173–212 Random pixel 213–214 Open 215–254 Shutter1Strobe 2 · Spikes 17–19.9 Hz 255–255 Open

10 CH

10 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 GC	255	
8	Color Add GC Fine	255	Fine byte of Color Add GC
9	Color Add RY	255	
10	Color Add RY Fine	255	Fine byte of Color Add RY

12 CH

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open 47–86 Pulse Out 87–88 Open 89–128 Pulse In 129–130 Open 131–170 Random 171–172 Open 173–212 Random pixel 213–214 Open 215–254 Shutter1Strobe 2 · Spikes 17–19.9 Hz 255–255 Open
3	Red	255	
4	Green	255	
5	Blue	255	
6	Color Add GC	255	
7	Color Add RY	255	
8	C OLORMIXER	0	
9	C OLORTEMPERATURE	0	0–7 No Function 8–254 Min 255–255 Max
10	Effect	0	0–5 No Function 6–13 Auto 1 14–21 Auto 2 22–29 Auto 3 30–37 Auto 4 38–45 Auto 5 46–53 Auto 6 54–61 Auto 7 62–69 Auto 8 70–77 Auto 9 78–85 Auto 10 86–93 Auto 11 94–101 Auto 12 102–109 Auto 13 110–117 Auto 14 118–125 Auto 15 126–133 Auto 16 134–141 Auto 17 142–149 Auto 18 150–157 Auto 19 158–165 Auto 20 166–173 Auto 21 174–181 Auto 22 182–189 Auto 23 190–197 Auto 24 198–205 Auto 25 206–213 Auto 26 214–221 Auto 27 222–229 Auto 28 230–237 Auto 29 238–245 Auto 30 246–255 Auto 31
11	Effect Speed	0	
12	Effects1Fade	0	

19 CH

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	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open 47–86 Pulse Out 87–88 Open 89–128 Pulse In 129–130 Open 131–170 Random 171–172 Open 173–212 Random pixel 213–214 Open 215–254 Shutter1Strobe 2 · Spikes 17–19.9 Hz 255–255 Open
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add GC	255	
8	Color Add RY	255	
9	C OLORMIXER	0	
10	C OLORTEMPERATURE	0	0–7 No Function 8–254 Min 255–255 Max
11	Dimmer Speed	0	0–42 No Function 43–84 Dimmer speed 1 85–126 Dimmer speed 2 127–168 Dimmer speed 3 169–210 Dimmer speed 4 211–255 Halogen
12	Dimmer	255	0–254 closed 255–255 open
13	Dimmer	255	0–254 closed 255–255 open
14	Dimmer	255	0–254 closed 255–255 open
15	Dimmer	255	0–254 closed 255–255 open
16	Dimmer	255	0–254 closed 255–255 open
17	Dimmer	255	0–254 closed 255–255 open
18	Dimmer	255	0–254 closed 255–255 open
19	Dimmer	255	0–254 closed 255–255 open

20 CH

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Dimmer Fine	0	Fine byte of Dimmer

20 CH (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open 47–86 Pulse Out 87–88 Open 89–128 Pulse In 129–130 Open 131–170 Random 171–172 Open 173–212 Random pixel 213–214 Open 215–254 Shutter1Strobe 2 · Spikes 17–19.9 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add GC	255	
11	Color Add GC Fine	255	Fine byte of Color Add GC
12	Color Add RY	255	
13	Color Add RY Fine	255	Fine byte of Color Add RY
14	C OLORMIXER	0	
15	C OLORTEMPERATURE	0	0–7 No Function 8–254 Min 255–255 Max
16	Dimmer Speed	0	0–42 No Function 43–84 Dimmer speed 1 85–126 Dimmer speed 2 127–168 Dimmer speed 3 169–210 Dimmer speed 4 211–255 Halogen

20 CH (continued)

Ch	Function	Default	DMX values
17	Effect	0	0–5 No Function 6–13 Auto 1 14–21 Auto 2 22–29 Auto 3 30–37 Auto 4 38–45 Auto 5 46–53 Auto 6 54–61 Auto 7 62–69 Auto 8 70–77 Auto 9 78–85 Auto 10 86–93 Auto 11 94–101 Auto 12 102–109 Auto 13 110–117 Auto 14 118–125 Auto 15 126–133 Auto 16 134–141 Auto 17 142–149 Auto 18 150–157 Auto 19 158–165 Auto 20 166–173 Auto 21 174–181 Auto 22 182–189 Auto 23 190–197 Auto 24 198–205 Auto 25 206–213 Auto 26 214–221 Auto 27 222–229 Auto 28 230–237 Auto 29 238–245 Auto 30 246–255 Auto 31
18	Effect Speed	0	
19	Effects1Fade	0	

20 CH (continued)

Ch	Function	Default	DMX values
20	Control1	0	0–45 No Function 46–50 Pixel orientation ON 51–55 Pixel orientation OFF 56–60 Linear 61–65 Square Law 66–70 InvSquLaw 71–79 S-Curve 80–84 Display Inverted 85–129 Display Normal 130–134 1KHz 135–139 2KHz 140–144 3KHz 145–149 4KHz 150–154 5KHz 155–159 6KHz 160–164 7KHz 165–169 8KHz 170–174 9KHz 175–179 10KHz 180–184 11KHz 185–189 12KHz 190–194 13KHz 195–199 14KHz 200–204 15KHz 205–209 16KHz 210–214 17KHz 215–224 18KHz 225–229 Redshift ON 230–239 Redshift OFF 240–244 Diaplay ON 245–249 Display 30s 250–255 Factory Reset

40 CH

40 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GC	255	
5	Color Add RY	255	
6	Red	255	
7	Green	255	
8	Blue	255	
9	Color Add GC	255	
10	Color Add RY	255	
11	Red	255	
12	Green	255	
13	Blue	255	
14	Color Add GC	255	
15	Color Add RY	255	
16	Red	255	
17	Green	255	
18	Blue	255	

40 CH (continued)

Ch	Function	Default	DMX values
19	Color Add GC	255	
20	Color Add RY	255	
21	Red	255	
22	Green	255	
23	Blue	255	
24	Color Add GC	255	
25	Color Add RY	255	
26	Red	255	
27	Green	255	
28	Blue	255	
29	Color Add GC	255	
30	Color Add RY	255	
31	Red	255	
32	Green	255	
33	Blue	255	
34	Color Add GC	255	
35	Color Add RY	255	
36	Red	255	
37	Green	255	
38	Blue	255	
39	Color Add GC	255	
40	Color Add RY	255	

50 CH

50 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open 47–86 Pulse Out 87–88 Open 89–128 Pulse In 129–130 Open 131–170 Random 171–172 Open 173–212 Random pixel 213–214 Open 215–254 Shutter1Strobe 2 · Spikes 17–19.9 Hz 255–255 Open
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add GC	255	
8	Color Add RY	255	
9	Red	255	
10	Green	255	

50 CH (continued)

Ch	Function	Default	DMX values
11	Blue	255	
12	Color Add GC	255	
13	Color Add RY	255	
14	Red	255	
15	Green	255	
16	Blue	255	
17	Color Add GC	255	
18	Color Add RY	255	
19	Red	255	
20	Green	255	
21	Blue	255	
22	Color Add GC	255	
23	Color Add RY	255	
24	Red	255	
25	Green	255	
26	Blue	255	
27	Color Add GC	255	
28	Color Add RY	255	
29	Red	255	
30	Green	255	
31	Blue	255	
32	Color Add GC	255	
33	Color Add RY	255	
34	Red	255	
35	Green	255	
36	Blue	255	
37	Color Add GC	255	
38	Color Add RY	255	
39	Red	255	
40	Green	255	
41	Blue	255	
42	Color Add GC	255	
43	Color Add RY	255	
44	Dimmer Speed	0	0–42 No Function 43–84 Dimmer speed 1 85–126 Dimmer speed 2 127–168 Dimmer speed 3 169–210 Dimmer speed 4 211–255 Halogen
45	C OLORMIXER	0	
46	C OLORTEMPERATURE	0	0–7 No Function 8–254 Min 255–255 Max

50 CH (continued)

Ch	Function	Default	DMX values
47	Effect	0	0–5 No Function 6–13 Auto 1 14–21 Auto 2 22–29 Auto 3 30–37 Auto 4 38–45 Auto 5 46–53 Auto 6 54–61 Auto 7 62–69 Auto 8 70–77 Auto 9 78–85 Auto 10 86–93 Auto 11 94–101 Auto 12 102–109 Auto 13 110–117 Auto 14 118–125 Auto 15 126–133 Auto 16 134–141 Auto 17 142–149 Auto 18 150–157 Auto 19 158–165 Auto 20 166–173 Auto 21 174–181 Auto 22 182–189 Auto 23 190–197 Auto 24 198–205 Auto 25 206–213 Auto 26 214–221 Auto 27 222–229 Auto 28 230–237 Auto 29 238–245 Auto 30 246–255 Auto 31
48	Effect Speed	0	
49	Effects1Fade	0	

50 CH (continued)

Ch	Function	Default	DMX values
50	Control1	0	0–45 No Function 46–50 Pixel orientation ON 51–55 Pixel orientation OFF 56–60 Linear 61–65 Square Law 66–70 InvSquLaw 71–79 S-Curve 80–84 Display Inverted 85–129 Display Normal 130–134 1KHz 135–139 2KHz 140–144 3KHz 145–149 4KHz 150–154 5KHz 155–159 6KHz 160–164 7KHz 165–169 8KHz 170–174 9KHz 175–179 10KHz 180–184 11KHz 185–189 12KHz 190–194 13KHz 195–199 14KHz 200–204 15KHz 205–209 16KHz 210–214 17KHz 215–224 18KHz 225–229 Redshift ON 230–239 Redshift OFF 240–244 Diaplay ON 245–249 Display 30s 250–255 Factory Reset