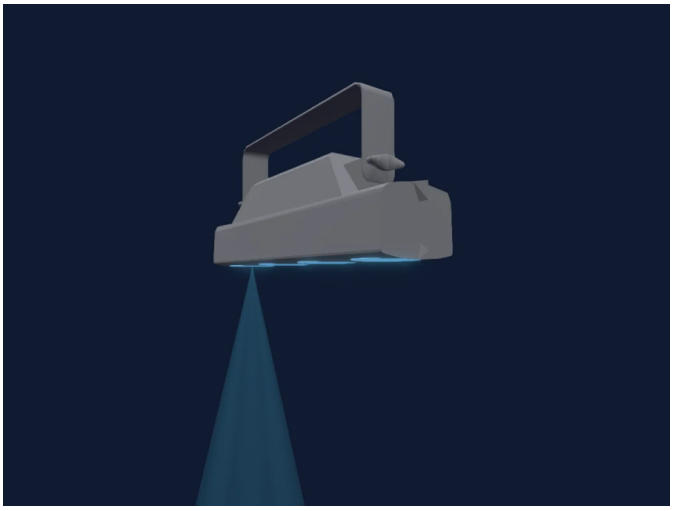
EK Lights

Brix FC



Manufacturer	**EK Lights**
Type	**Blinder**
DMX modes	**8**
DMX footprint	**1, 4, 6, 15, 19, 25 channels**
Beam angle	**27°**
Size (W × H × D)	**466 × 148 × 65 mm**
GDTF fixture type	**97023E0E-F01A-4FD2-809B-41…**

Controls

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

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

Halo_1ch	1 ch
Halo_4ch	1 ch
Extended_EXT 16ch	4 ch
Standard_STD 4ch	4 ch
Standard_STD 6ch	6 ch
Standard - STD 15ch	15 ch
Extended_EXT 19ch	19 ch
Extended_EXT 25ch	25 ch

Halo_1ch

1 channel

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

Halo_4ch

1 channel

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

Extended_EXT 16ch

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	

Standard_STD 4ch

4 channels

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

Standard_STD 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	255	0–30 NoFeature 31–31 Slow Strobe 32–99 Strobe 100–100 Fast Strobe 101–130 NoFeature2 131–131 Slow RandomStrobe 132–199 RandomStrobe 200–200 Fast RandomStrobe 245–255 Open

Standard - STD 15ch

15 channels

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

Standard - STD 15ch (continued)

Ch	Function	Default	DMX values
3	Green	255	
4	Blue	255	
5	White	255	
6	Shutter / Strobe	255	0–30 NoFeature 31–31 Slow Strobe 32–99 Strobe 100–100 Fast Strobe 101–130 NoFeature2 131–131 Slow RandomStrobe 132–199 RandomStrobe 200–200 Fast RandomStrobe 245–255 Open
7	Color Macro1	0	0–10 NoFeature 11–39 CTC 40–59 CW Rainbow Effect 60–79 CCW Rainbow Effect 80–99 ColorPresets 100–119 HALO DWE 120–255 NoFeature2
8	Color Macro2	0	0–0 2000K -> 3000K 1–28 CW Rainbow Slow2Fast 29–56 R 100-0% G 100% B 0% 57–84 R 0% G 100% B 0-100% 85–112 R 0% G 100-0% B 100% 113–140 R 0-100% G 0% B 100% 141–168 R 100% G 0% B 100-0% 169–196 R 100% G 0-100% B 0-100% 197–223 R 100-0% G 100-0% B 100% 224–224 3000K -> 4000K 225–231 R 100% G 100% B 100% W 100% 232–239 4000K -> 5600K 240–247 5600K -> 8000K 248–254 8000K 255–255 CW Rainbow Fast
9	Effect	0	0–10 NoFeature 11–20 Pattern 1 21–30 Pattern 2 31–40 Pattern 3 41–50 Pattern 4 51–60 Pattern 5 61–70 Pattern 6 71–80 Pattern 7 81–90 Pattern 8 91–100 Pattern 9 101–110 Pattern 10 111–120 Pattern 11 121–130 Pattern 12 131–140 Pattern 13 141–150 Pattern 14 151–160 Pattern 15 161–170 Pattern 16 171–180 Pattern 17 181–190 Pattern 18 191–200 Pattern 19 201–210 Pattern 20 211–220 Pattern 21 221–230 Pattern 22 231–240 Pattern 23 241–255 RAndom Pattern

Standard - STD 15ch (continued)

Ch	Function	Default	DMX values
10	Effect Speed	0	0–28 Index min 29–29 Index max 30–30 Slow Speed 31–139 Speed 140–140 Fast Speed 141–255 NoFeature
11	Color Effects1	0	0–12 NoFeature 13–25 Red 26–38 Green 39–51 Blue 52–64 White 65–77 Green+Blue 78–90 Red+Blue 91–103 Red+Green 104–116 Red+Green+Blue 117–129 Red+White 130–142 Green+White 143–155 Blue+White 156–168 Red+Green+White 169–181 Red+Blue+White 182–194 Green+Blue+White 195–207 Red+Green+Blue+White 208–220 2000K 221–233 3000K 234–246 4000K 247–255 Color Cycling
12	Dimmer	0	0–254 Closed 255–255 Open
13	Color Effects1	0	0–12 NoFeature 13–25 Red 26–38 Green 39–51 Blue 52–64 White 65–77 Green+Blue 78–90 Red+Blue 91–103 Red+Green 104–116 Red+Green+Blue 117–129 Red+White 130–142 Green+White 143–155 Blue+White 156–168 Red+Green+White 169–181 Red+Blue+White 182–194 Green+Blue+White 195–207 Red+Green+Blue+White 208–220 2000K 221–233 3000K 234–246 4000K 247–255 Color Cycling
14	Dimmer	0	0–254 Closed 255–255 Open
15	Dimmer Mode	0	0–0 DimmerFade as from menu 1–1 Fast Dimmer Fade 2–254 Dimmer Fade 255–255 Slow Dimmer Fade

Extended_EXT 19ch

19 channels

Ch	Function	Default	DMX values
1	Red	255	

Extended_EXT 19ch (continued)

Ch	Function	Default	DMX values
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	Dimmer	0	0–254 Closed 255–255 Open
18	Shutter / Strobe	255	0–30 NoFeature 31–31 Slow Strobe 32–99 Strobe 100–100 Fast Strobe 101–130 NoFeature2 131–131 Slow RandomStrobe 132–199 RandomStrobe 200–200 Fast RandomStrobe 245–255 Open
19	Dimmer Mode	0	0–0 DimmerFade as from menu 1–1 Fast Dimmer Fade 2–254 Dimmer Fade 255–255 Slow Dimmer Fade

Extended_EXT 25ch

25 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	

Extended_EXT 25ch (continued)

Ch	Function	Default	DMX values
16	Reserved 16	0	
17	Effect	0	0–10 NoFeature 11–20 Pattern 1 21–30 Pattern 2 31–40 Pattern 3 41–50 Pattern 4 51–60 Pattern 5 61–70 Pattern 6 71–80 Pattern 7 81–90 Pattern 8 91–100 Pattern 9 101–110 Pattern 10 111–120 Pattern 11 121–130 Pattern 12 131–140 Pattern 13 141–150 Pattern 14 151–160 Pattern 15 161–170 Pattern 16 171–180 Pattern 17 181–190 Pattern 18 191–200 Pattern 19 201–210 Pattern 20 211–220 Pattern 21 221–230 Pattern 22 231–240 Pattern 23 241–255 RAndom Pattern
18	Effect Speed	0	0–28 Index min 29–29 Index max 30–30 Slow Speed 31–139 Speed 140–140 Fast Speed 141–255 NoFeature
19	Color Effects1	0	0–12 NoFeature 13–25 Red 26–38 Green 39–51 Blue 52–64 White 65–77 Green+Blue 78–90 Red+Blue 91–103 Red+Green 104–116 Red+Green+Blue 117–129 Red+White 130–142 Green+White 143–155 Blue+White 156–168 Red+Green+White 169–181 Red+Blue+White 182–194 Green+Blue+White 195–207 Red+Green+Blue+White 208–220 2000K 221–233 3000K 234–246 4000K 247–255 Color Cycling
20	Dimmer	0	0–254 Closed 255–255 Open

Extended_EXT 25ch (continued)

Ch	Function	Default	DMX values
21	Color Effects1	0	0–12 NoFeature 13–25 Red 26–38 Green 39–51 Blue 52–64 White 65–77 Green+Blue 78–90 Red+Blue 91–103 Red+Green 104–116 Red+Green+Blue 117–129 Red+White 130–142 Green+White 143–155 Blue+White 156–168 Red+Green+White 169–181 Red+Blue+White 182–194 Green+Blue+White 195–207 Red+Green+Blue+White 208–220 2000K 221–233 3000K 234–246 4000K 247–255 Color Cycling
22	Dimmer	0	0–254 Closed 255–255 Open
23	Dimmer	0	0–254 Closed 255–255 Open
24	Shutter / Strobe	255	0–30 NoFeature 31–31 Slow Strobe 32–99 Strobe 100–100 Fast Strobe 101–130 NoFeature2 131–131 Slow RandomStrobe 132–199 RandomStrobe 200–200 Fast RandomStrobe 245–255 Open
25	Dimmer Mode	0	0–0 DimmerFade as from menu 1–1 Fast Dimmer Fade 2–254 Dimmer Fade 255–255 Slow Dimmer Fade