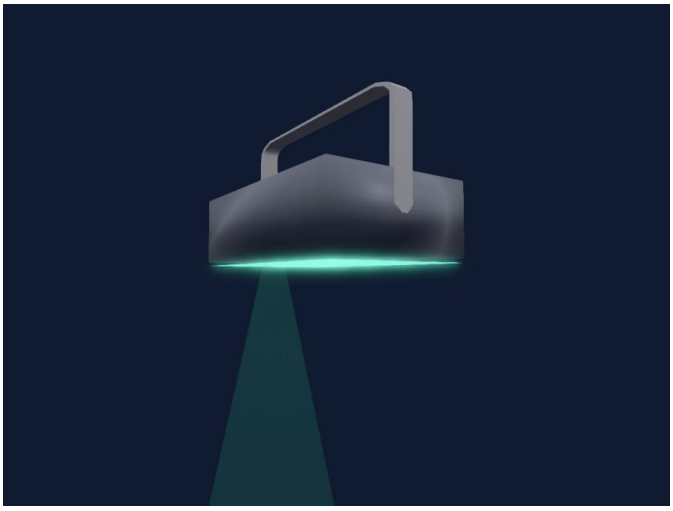
OGSON fixtures

CLF SERA



Manufacturer	**OGSON fixtures**
Type	**Effect light**
DMX modes	**10**
DMX footprint	**2, 3, 4, 6, 8, 10, 13, 21 channels**
Beam angle	**25°**
Heads / cells	**2**
Size (W × H × D)	**540 × 250 × 45 mm**
GDTF fixture type	**150B2C72-7351-4783-94D4-7B...**

Controls

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

Safety-relevant functions

Fixture reset · Service functions · Strobe · Built-in effect programmes

DMX modes

2ch CCT	2 ch
3ch RGB	3 ch
16ch	4 ch
4ch RGBL	4 ch
4ch RGBW	4 ch
6ch RGB 16bit	6 ch
8ch RGBL 16bit	8 ch
10ch	10 ch
13ch	13 ch
33ch	21 ch

2ch CCT

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	128	0–254 10 000 K 255–255 2500 K

3ch RGB

3 channels

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

16ch

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	255	

4ch RGBL

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	255	

4ch RGBW

4 channels

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

6ch RGB 16bit

6 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

8ch RGBL 16bit

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	Color Add GY	255	
8	Color Add GY Fine	255	Fine byte of Color Add GY

10ch

10 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	255	0–24 Shutter1 1 25–64 Strobe 65–69 Open 70–84 StrobeModePulseOpen 4 85–89 Open 1 90–104 StrobeModePulseClose 6 105–109 Open 2 110–124 Shutter1StrobeRandom 7 125–129 Open 3 130–144 StrobeModeRandomPulse 10 145–149 Open 4 150–164 StrobeModeRandomPulseClose 12 165–169 Open 5 170–184 Shutter1Strobe 14 185–189 Open 6 190–204 StrobeModeRandomPulse 16 205–209 Open 8 210–224 StrobeModeShutter 18 225–229 Open 7 230–244 StrobeModeEffect 20 245–255 Open 9
2	Dimmer	0	0–254 Closed 255–255 Open

10ch (continued)

Ch	Function	Default	DMX values
3	Control1	0	0–59 No function 60–64 Fan auto 65–69 Fan full 70–74 Fan silent 1 75–79 Fan silent 2 80–89 No function 90–94 Color calibrated ON 95–99 No function 100–104 Color calibrated OFF 105–124 No function 125–129 600 Hz 130–134 1200 Hz 135–139 4800 Hz 140–144 10 000 Hz 145–149 25 000 Hz 150–154 No function 155–159 Hi CRI ON 160–164 No function 165–169 Hi CRI OFF 170–174 No function 175–179 WDMX reset 180–184 No function 185–189 Dimmer speed NORMAL 190–194 No function 195–199 Smooth 1 200–204 Smooth 2 205–209 Smooth 3 210–214 Smooth 4 215–249 No function 250–255 Display On/Off
4	Color Macro1	0	0–4 No function 5–192 LEE 193–193 2500 K 194–194 2800 K 195–195 3200 K 196–196 4000 K 197–197 5000 K 198–198 5600 K 199–199 6000 K 200–200 7000 K 201–201 8000 K 202–202 9000 K 203–203 10 000 K 204–205 No function 206–215 Rainbow 1 216–225 Rainbow 2 226–235 Rainbow 3 236–255 Rainbow 4
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add GY	255	
9	C TC	0	0–5 No function 6–255 CTC 2
10	Tint	128	0–0 No function 1–255 Tint 2

13ch

13 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	255	0–24 Shutter1 1 25–64 Strobe 65–69 Open 70–84 StrobeModePulseOpen 4 85–89 Open 1 90–104 StrobeModePulseClose 6 105–109 Open 2 110–124 Shutter1StrobeRandom 7 125–129 Open 3 130–144 StrobeModeRandomPulse 10 145–149 Open 4 150–164 StrobeModeRandomPulseClose 12 165–169 Open 5 170–184 Shutter1Strobe 14 185–189 Open 6 190–204 StrobeModeRandomPulse 16 205–209 Open 8 210–224 StrobeModeShutter 18 225–229 Open 7 230–244 StrobeModeEffect 20 245–255 Open 9
2	Dimmer	0	0–254 Closed 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Control1	0	0–59 No function 60–64 Fan auto 65–69 Fan full 70–74 Fan silent 1 75–79 Fan silent 2 80–89 No function 90–94 Color calibrated ON 95–99 No function 100–104 Color calibrated OFF 105–124 No function 125–129 600 Hz 130–134 1200 Hz 135–139 4800 Hz 140–144 10 000 Hz 145–149 25 000 Hz 150–154 No function 155–159 Hi CRI ON 160–164 No function 165–169 Hi CRI OFF 170–174 No function 175–179 WDMX reset 180–184 No function 185–189 Dimmer speed NORMAL 190–194 No function 195–199 Smooth 1 200–204 Smooth 2 205–209 Smooth 3 210–214 Smooth 4 215–249 No function 250–255 Display On/Off

13ch (continued)

Ch	Function	Default	DMX values
5	Color Macro1	0	0–4 No function 5–192 LEE 193–193 2500 K 194–194 2800 K 195–195 3200 K 196–196 4000 K 197–197 5000 K 198–198 5600 K 199–199 6000 K 200–200 7000 K 201–201 8000 K 202–202 9000 K 203–203 10 000 K 204–205 No function 206–215 Rainbow 1 216–225 Rainbow 2 226–235 Rainbow 3 236–255 Rainbow 4
6	Red	255	
7	Green	255	
8	Blue	255	
9	Color Add GY	255	
10	C TC	0	0–5 No function 6–255 CTC 2
11	Tint	128	0–0 No function 1–255 Tint 2
12	Effect	0	0–9 No function 10–19 Effect 1 20–29 Effect 2 30–39 Effect 3 40–49 Effect 4 50–59 Effect 5 60–69 Effect 6 70–79 Effect 7 80–89 Effect 8 90–99 Effect 9 100–109 Effect 10 110–119 Effect 11 120–129 Effect 12 130–139 Effect 13 140–149 Effect 14 150–159 Effect 15 160–169 Effect 16 170–179 Effect 17 180–189 Effect 18 190–199 Effect 19 200–255 Effect 20
13	Effect Speed	0	

33ch

21 channels

Ch	Function	Default	DMX values

33ch (continued)

Ch	Function	Default	DMX values
1	Shutter / Strobe	255	0–24 Shutter1 1 25–64 Strobe 65–69 Open 70–84 StrobeModePulseOpen 4 85–89 Open 1 90–104 StrobeModePulseClose 6 105–109 Open 2 110–124 Shutter1StrobeRandom 7 125–129 Open 3 130–144 StrobeModeRandomPulse 10 145–149 Open 4 150–164 StrobeModeRandomPulseClose 12 165–169 Open 5 170–184 Shutter1Strobe 14 185–189 Open 6 190–204 StrobeModeRandomPulse 16 205–209 Open 8 210–224 StrobeModeShutter 18 225–229 Open 7 230–244 StrobeModeEffect 20 245–255 Open 9
2	Dimmer	255	0–254 Closed 255–255 Open
3	Dimmer Fine	255	Fine byte of Dimmer
4	Control1	0	0–59 No function 60–64 Fan auto 65–69 Fan full 70–74 Fan silent 1 75–79 Fan silent 2 80–89 No function 90–94 Color calibrated ON 95–99 No function 100–104 Color calibrated OFF 105–124 No function 125–129 600 Hz 130–134 1200 Hz 135–139 4800 Hz 140–144 10 000 Hz 145–149 25 000 Hz 150–154 No function 155–159 Hi CRI ON 160–164 No function 165–169 Hi CRI OFF 170–174 No function 175–179 WDMX reset 180–184 No function 185–189 Dimmer speed NORMAL 190–194 No function 195–199 Smooth 1 200–204 Smooth 2 205–209 Smooth 3 210–214 Smooth 4 215–249 No function 250–255 Display On/Off

33ch (continued)

Ch	Function	Default	DMX values
5	Color Macro1	0	0–4 No function 5–192 LEE 193–193 2500 K 194–194 2800 K 195–195 3200 K 196–196 4000 K 197–197 5000 K 198–198 5600 K 199–199 6000 K 200–200 7000 K 201–201 8000 K 202–202 9000 K 203–203 10 000 K 204–205 No function 206–215 Rainbow 1 216–225 Rainbow 2 226–235 Rainbow 3 236–255 Rainbow 4
6	Red	255	
7	Red Fine	255	Fine byte of Red
8	Green	255	
9	Green Fine	255	Fine byte of Green
10	Blue	255	
11	Blue Fine	255	Fine byte of Blue
12	Color Add GY	255	
13	Color Add GY Fine	255	Fine byte of Color Add GY
14	C TC	0	0–5 No function 6–255 CTC 2
15	Tint	128	0–0 No function 1–255 Tint 2
16	Effect	0	0–9 No function 10–19 Effect 1 20–29 Effect 2 30–39 Effect 3 40–49 Effect 4 50–59 Effect 5 60–69 Effect 6 70–79 Effect 7 80–89 Effect 8 90–99 Effect 9 100–109 Effect 10 110–119 Effect 11 120–129 Effect 12 130–139 Effect 13 140–149 Effect 14 150–159 Effect 15 160–169 Effect 16 170–179 Effect 17 180–189 Effect 18 190–199 Effect 19 200–255 Effect 20
17	Effect Speed	0	
18	Red	255	
19	Green	255	
20	Blue	255	
21	Color Add GY	255	