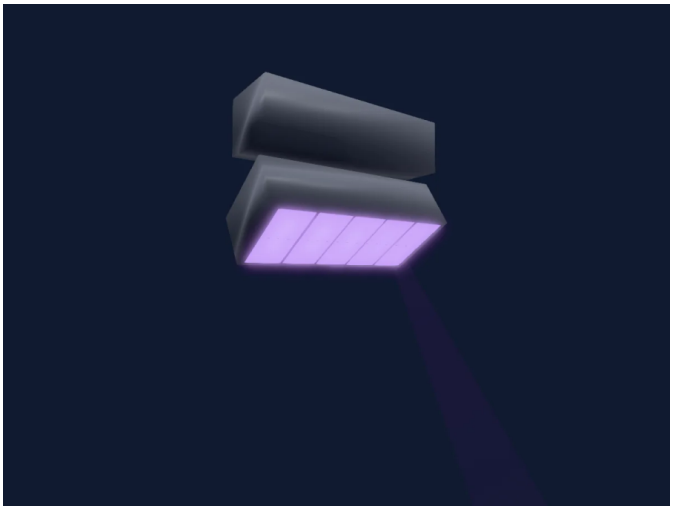
OGSON fixtures

Briteq Chroma 800



Manufacturer	**OGSON fixtures**
Type	**Moving head**
DMX modes	**12**
DMX footprint	**3, 4, 6, 8, 9, 11, 21, 41, 81 channels**
Beam angle	**10°**
Tilt range	**180°**
Size (W × H × D)	**447 × 120 × 189 mm**
GDTF fixture type	**18A389C4-C158-4DF4-8F42-A5…**

Controls

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

Safety-relevant functions

Built-in effect programmes

DMX modes

HSI 8bit	3 ch
RGB 8bit	3 ch
RGBL 8bit	4 ch
HSI 16bit	6 ch
RGB 16bit	6 ch
RGBL D+S	6 ch
RGBL 16bit	8 ch
RGBL 2px 8b	9 ch
RGBL + FX	11 ch
RGBL 5px 8b	21 ch
RGBL 10px 8b	41 ch
RGBL 10px 16b	81 ch

HSI 8bit

3 channels

Ch	Function	Default	DMX values
1	H SBHue	0	
2	H SBSaturation	0	
3	H SBBrightness	0	

RGB 8bit

3 channels

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

RGBL 8bit

4 channels

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

HSI 16bit

6 channels

Ch	Function	Default	DMX values
1	H SBHue	0	
2	H SBHue Fine	0	Fine byte of H SBHue
3	H SBSaturation	0	
4	H SBSaturation Fine	0	Fine byte of H SBSaturation
5	H SBBrightness	0	
6	H SBBrightness Fine	0	Fine byte of H SBBrightness

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

RGBL D+S

6 channels

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

RGBL D+S (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	7	0–7 Open 8–125 Shutter1StrobeRandom · Min 126–126 Shutter1StrobeRandom · Max 127–131 Open 132–249 Shutter1Strobe · Min 0–24.8 Hz 250–250 Shutter1Strobe · Max 25 Hz 251–255 Closed
3	Red	255	
4	Green	255	
5	Blue	255	
6	Color Add GY	255	

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

RGBL 2px 8b

9 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	255	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Control1	0	0–7 No function 8–107 Fast 108–108 Slow 109–114 NoFeature 3 115–120 Pixel order: A (standard 0) 121–126 Pixel order: B (rotated 180) 127–132 NoFeature 5 133–138 Fan Auto 139–144 Fan Full 145–150 NoFeature 7 151–156 Linear curve 157–162 Square curve 163–168 Inv Square curve 169–174 S-Curve 175–198 NoFeature 9 199–204 Load factory settings 205–255 NoFeature 11

RGBL + FX

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	7	0–7 Open 8–125 Shutter1StrobeRandom · Min 126–126 Shutter1StrobeRandom · Max 127–131 Open 132–249 Shutter1Strobe · Min 0–24.8 Hz 250–250 Shutter1Strobe · Max 25 Hz 251–255 Closed
3	Effect	13	0–13 Color Mix 14–24 Program 1 25–35 Program 2 36–46 Program 3 47–57 Program 4 58–68 Program 5 69–79 Program 6 80–90 Program 7 91–101 Program 8 102–112 Program 9 113–123 Program 10 124–134 Program 11 135–145 Program 12 146–156 Program 13 157–167 Program 14 168–178 Program 15 179–189 Program 16 190–200 Program 17 201–211 Program 18 212–222 Program 19 223–233 Program 20 234–244 Program 21 245–255 Program 22
4	Effect Speed	0	
5	Effects1Fade	0	
6	Color Macro1	4	0–4 ColorMacro1 1 5–10 3000K 11–16 4000K 17–22 5600K 23–28 Orange 29–34 Yellow 35–40 Cyan 41–46 Purple 47–82 Red/Blue 83–118 Red/Green 119–154 Blue/Green 155–255 Color Fade
7	Red	255	
8	Green	255	
9	Blue	255	
10	Color Add GY	255	

RGBL + FX (continued)

Ch	Function	Default	DMX values
11	Control1	0	0–7 No function 8–107 Fast 108–108 Slow 109–114 NoFeature 3 115–120 Pixel order: A (standard 0) 121–126 Pixel order: B (rotated 180) 127–132 NoFeature 5 133–138 Fan Auto 139–144 Fan Full 145–150 NoFeature 7 151–156 Linear curve 157–162 Square curve 163–168 Inv Square curve 169–174 S-Curve 175–198 NoFeature 9 199–204 Load factory settings 205–255 NoFeature 11

RGBL 5px 8b

21 channels

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

RGBL 5px 8b (continued)

Ch	Function	Default	DMX values
21	Control1	0	0–7 No function 8–107 Fast 108–108 Slow 109–114 NoFeature 3 115–120 Pixel order: A (standard 0) 121–126 Pixel order: B (rotated 180) 127–132 NoFeature 5 133–138 Fan Auto 139–144 Fan Full 145–150 NoFeature 7 151–156 Linear curve 157–162 Square curve 163–168 Inv Square curve 169–174 S-Curve 175–198 NoFeature 9 199–204 Load factory settings 205–255 NoFeature 11

RGBL 10px 8b

41 channels

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

RGBL 10px 8b (continued)

Ch	Function	Default	DMX values
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	Control1	0	0–7 No function 8–107 Fast 108–108 Slow 109–114 NoFeature 3 115–120 Pixel order: A (standard 0) 121–126 Pixel order: B (rotated 180) 127–132 NoFeature 5 133–138 Fan Auto 139–144 Fan Full 145–150 NoFeature 7 151–156 Linear curve 157–162 Square curve 163–168 Inv Square curve 169–174 S-Curve 175–198 NoFeature 9 199–204 Load factory settings 205–255 NoFeature 11

RGBL 10px 16b

81 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
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	

RGBL 10px 16b (continued)

Ch	Function	Default	DMX values
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	
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	

RGBL 10px 16b (continued)

Ch	Function	Default	DMX values
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	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Control1	0	