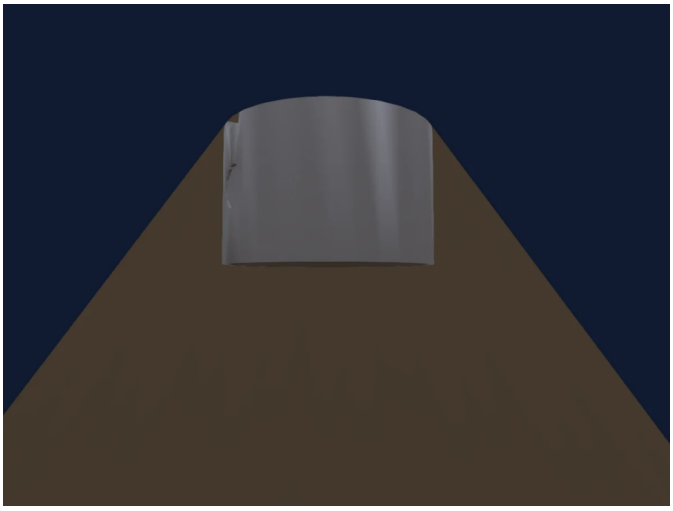
OGSON fixtures

Astera AX3 LightDrop



Manufacturer	**OGSON fixtures**
Type	**PAR**
DMX modes	**29**
DMX footprint	**3, 4, 5, 6, 7, 8, 9, 10, 13 channels**
Beam angle	**68°**
Size (W × H × D)	**95 × 59 × 95 mm**
GDTF fixture type	**C419DDA2-9D53-423C-A498-9…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer

Safety-relevant functions

Strobe

DMX modes

1: RGB	3 ch
2: RGBW	4 ch
4: DIM RGB	4 ch
8: RGBS	4 ch
11: DIM RGBS	5 ch
3: RGBAW	5 ch
5: DIM RGBW	5 ch
9: RGBWS	5 ch
90: D CCT GM HUE SAT	5 ch
10: RGBAWS	6 ch
12: DIM RGBWS	6 ch
6: DIM RGBAW	6 ch
7: RGB CCT DIM IND	6 ch
93: D16 X Y	6 ch
95: D CCT GM HUE SAT S	6 ch
13: DIM RGBAWS	7 ch
14: RGB CCT DIM IND S	7 ch
89: D CCT GM CRO RGB	7 ch
92: D16 CCT GM H SAT	7 ch
97: D16 X Y S	7 ch
168: D CCT GM C CRO XY	8 ch
91: D16 CCT GM C RGB	8 ch
94: D CCT GM CRO RGB S	8 ch
96: D16 CCT GM H SAT S	8 ch

137: D16 CCT GM C RGB S	9 ch
169: D16 CCT GM C CRO XY	9 ch
170: D CCT GM C CRO XY S	9 ch
171: D16 CCT GM C CRO XY S	10 ch
15: EFFECT MODE FIX	13 ch

1: RGB

3 channels

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

2: RGBW

4 channels

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

4: DIM RGB

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	

8: RGBS

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

11: DIM RGBS

5 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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

3: RGBAW

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	0	
5	White	0	

5: DIM RGBW

5 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	0	

9: RGBWS

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe
5	White	0	

90: D CCT GM HUE SAT

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	H SBHue	0	
5	H SBSaturation	0	

10: RGBAWS

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	

10: RGBAWS (continued)

Ch	Function	Default	DMX values
3	Blue	255	
4	Color Add RY	0	
5	White	0	
6	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

12: DIM RGBWS

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	0	
6	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

6: DIM RGBAW

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	Color Add RY	0	
6	White	0	

7: RGB CCT DIM IND

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	C TC	77	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Color Macro1	0	

93: D16 X Y

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY

95: D CCT GM HUE SAT S

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	5	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	H SBHue	0	
5	H SBSaturation	0	
6	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

13: DIM RGBAWS

7 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	Color Add RY	0	
6	White	0	
7	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

14: RGB CCT DIM IND S

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	

14: RGB CCT DIM IND S (continued)

Ch	Function	Default	DMX values
3	Blue	255	
4	C TC	77	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Color Macro1	0	
7	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

89: D CCT GM CRO RGB

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	Crossfade	0	
5	Red	255	
6	Green	255	
7	Blue	255	

92: D16 CCT GM H SAT

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	0	

97: D16 X Y S

7 channels

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

97: D16 X Y S (continued)

Ch	Function	Default	DMX values
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY
7	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

168: D CCT GM C CRO XY

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	Crossfade	0	
5	C IEX	0	
6	C IEX Fine	0	Fine byte of C IEX
7	C IEY	0	
8	C IEY Fine	0	Fine byte of C IEY

91: D16 CCT GM C RGB

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	Crossfade	0	
6	Red	255	
7	Green	255	
8	Blue	255	

94: D CCT GM CRO RGB S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	Crossfade	0	
5	Red	255	
6	Green	255	
7	Blue	255	
8	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

96: D16 CCT GM H SAT S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	0	
8	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

137: D16 CCT GM C RGB S

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	

137: D16 CCT GM C RGB S (continued)

Ch	Function	Default	DMX values
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	Crossfade	0	
6	Red	255	
7	Green	255	
8	Blue	255	
9	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

169: D16 CCT GM C CRO XY

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	Crossfade	0	
6	C IEX	0	
7	C IEX Fine	0	Fine byte of C IEX
8	C IEY	0	
9	C IEY Fine	0	Fine byte of C IEY

170: D CCT GM C CRO XY S

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	Crossfade	0	
5	C IEX	0	
6	C IEX Fine	0	Fine byte of C IEX
7	C IEY	0	

170: D CCT GM C CRO XY S (continued)

Ch	Function	Default	DMX values
8	C IEY Fine	0	Fine byte of C IEY
9	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

171: D16 CCT GM C CRO XY S

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	Crossfade	0	
6	C IEX	0	
7	C IEX Fine	0	Fine byte of C IEX
8	C IEY	0	
9	C IEY Fine	0	Fine byte of C IEY
10	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

15: EFFECT MODE FIX

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

15: EFFECT MODE FIX (continued)

Ch	Function	Default	DMX values
3	Color Macro1	0	0–7 One Color Static 8–15 Two Color Static 16–23 Three Color Static 24–31 Four Color Static 32–39 One Color Fade 40–47 Two Color Fade 48–55 Three Color Fade 56–63 Four Color Fade 64–71 Simple Running 72–79 Double Running 80–87 Two Col Running 88–95 Flag Running 96–101 Double Flag Running 102–109 Spiral 4 Color 110–117 Spiral 2 Color 118–125 Rainbow 126–133 Fire 134–141 Rotor 142–149 Rotor Split 2 150–255 Rotor Split 4
4	Color Macro1Rate	0	0–254 Slow 255–255 Fast
5	Macro Trasition	0	0–254 No fade 255–255 Smooth fade
6	Macro Direction	0	0–63 Forward with Loop 64–127 Forward one time and stop 128–190 Reverse one time and stop 191–255 Reverse with Loop
7	Macro Size	0	0–63 1 Group 64–127 2 Groups 128–190 3 Groups 191–255 4 Groups
8	Macro Offset	0	
9	Macro Restart	0	
10	Index Color1	2	
11	Index Color2	2	
12	Index Color3	2	
13	Index Color4	2	