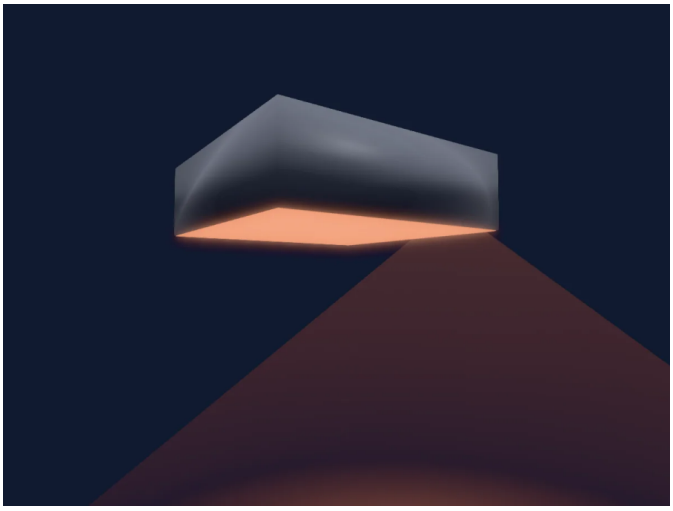
OGSON fixtures

APUTURE INFINIMAT 8x8



Manufacturer	**OGSON fixtures**
Type	**PAR**
DMX modes	**24**
DMX footprint	**3, 4, 6, 7, 8, 9, 10, 11, 14, 15, 17 channels**
Beam angle	**104°**
Size (W × H × D)	**1300 × 400 × 1300 mm**
GDTF fixture type	**E3A87B0A-9AEE-4BC5-A171-D…**

Controls

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

DMX modes

Mode 12: 16px HSI 8bit	3 ch
Mode 13: 16px x-y 8bit	3 ch
Mode 11: 16px LE RGB 8bit	4 ch
Mode 2: 1px CCT 8bit	6 ch
Mode 26: 16px HSI 16bit	6 ch
Mode 27: 16px x-y 16bit	6 ch
Mode 6: 1px x-y 8bit	6 ch
Mode 10: 16px LE CCT RGB 8bit	7 ch
Mode 5: 1px Adv HSI 8bit	7 ch
Mode 8: 1px Source 8bit	7 ch
Mode 22: 1px Source 16bit	8 ch
Mode 25: 16px LE RGB 16bit	8 ch
Mode 7: 1px Gel 8bit	8 ch
Mode 20: 1px x-y 16bit	9 ch
Mode 21: 1px Gel 16bit	9 ch
Mode 3: 1px CCT HSI 8bit	9 ch
Mode 4: 1px RGBWW 8bit	9 ch
Mode 1: 1px CCT RGB 8bit	10 ch
Mode 19: 1px Adv HSI 16bit	11 ch
Mode 24: 16px LE CCT RGB 16bit	14 ch
Mode 16: 1px CCT 16bit	15 ch
Mode 17: 1px CCT HSI 16bit	15 ch
Mode 18: 1px RGBWW 16bit	15 ch
Mode 15: 1px CCT RGB 16bit	17 ch

Mode 12: 16px HSI 8bit

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	H SBHue	0	
3	H SBSaturation	0	

Mode 13: 16px x-y 8bit

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	C IEX	0	
3	C IEY	0	

Mode 11: 16px LE RGB 8bit

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	

Mode 2: 1px CCT 8bit

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	C TC	99	0–13 2800 14–59 3200 60–98 4500 99–130 5600 131–254 6500 255–255 10000
3	Tint	0	0–10 No effect 11–20 Full Minus G 21–119 99% >> 1% Minus G 120–145 Neutral 146–244 1% >> 99% Plus G 245–255 Full Plus G
4	Shutter / Strobe	0	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz
5	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent
6	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log

Mode 26: 16px HSI 16bit

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	H SBHue	0	
4	H SBHue Fine	0	Fine byte of H SBHue
5	H SBSaturation	0	
6	H SBSaturation Fine	0	Fine byte of H SBSaturation

Mode 27: 16px x-y 16bit

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

Mode 6: 1px x-y 8bit

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	C IEX	0	
3	C IEY	0	
4	Shutter / Strobe	0	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz
5	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent
6	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log

Mode 10: 16px LE CCT RGB 8bit

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	C TC	99	0–13 2800 14–59 3200 60–98 4500 99–130 5600 131–254 6500 255–255 10000

Mode 10: 16px LE CCT RGB 8bit (continued)

Ch	Function	Default	DMX values
3	Tint	0	0–10 No effect 11–20 Full Minus G 21–119 99% >> 1% Minus G 120–145 Neutral 146–244 1% >> 99% Plus G 245–255 Full Plus G
4	Crossfade	0	0–254 Whtie 255–255 Color
5	Red	255	
6	Green	255	
7	Blue	255	

Mode 5: 1px Adv HSI 8bit

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	H SBHue	0	
3	H SBSaturation	0	
4	C TC	99	0–9 CTC 1 10–254 Min 255–255 Max
5	Shutter / Strobe	0	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz
6	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent
7	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log

Mode 8: 1px Source 8bit

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Color Source	0	
3	C IEX	0	
4	C IEY	0	
5	Shutter / Strobe	0	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz
6	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent
7	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log

Mode 22: 1px Source 16bit

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	Color Source	0	
4	C IEX	0	
5	C IEY	0	
6	Shutter / Strobe	0	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz
7	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent
8	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log

Mode 25: 16px LE RGB 16bit

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	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue

Mode 7: 1px Gel 8bit

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Gel	0	
3	Gel Producer	0	0–29 Rosco 30–59 Lee 60–255 No fucntion
4	C TC	0	0–127 3200K 128–255 5600K
5	Shutter / Strobe	0	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz
6	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent

Mode 7: 1px Gel 8bit (continued)

Ch	Function	Default	DMX values
7	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log
8	Gel Series	0	0–9 Col corr 10–19 Cal color 20–29 Storaro/L600 30–39 Cinelux/Cosmetic 40–49 Reserved/L700 50–255 Reserved

Mode 20: 1px x-y 16bit

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 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	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz
8	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent
9	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log

Mode 21: 1px Gel 16bit

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	0	0–127 3200K 128–255 5600K
4	Gel Producer	0	0–29 Rosco 30–59 Lee 60–255 No fucntion
5	Gel Series	0	0–9 Col corr 10–19 Cal color 20–29 Storaro/L600 30–39 Cinelux/Cosmetic 40–49 Reserved/L700 50–255 Reserved
6	Gel	0	
7	Shutter / Strobe	0	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz

Mode 21: 1px Gel 16bit (continued)

Ch	Function	Default	DMX values
8	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent
9	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log

Mode 3: 1px CCT HSI 8bit

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	C TC	99	0–13 2800 14–59 3200 60–98 4500 99–130 5600 131–254 6500 255–255 10000
3	Tint	0	0–10 No effect 11–20 Full Minus G 21–119 99% >> 1% Minus G 120–145 Neutral 146–244 1% >> 99% Plus G 245–255 Full Plus G
4	Crossfade	0	0–254 Whtie 255–255 Color
5	H SBHue	0	
6	H SBSaturation	0	
7	Shutter / Strobe	0	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz
8	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent
9	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log

Mode 4: 1px RGBWW 8bit

9 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	Color Add WW	255	

Mode 4: 1px RGBWW 8bit (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	0	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz
8	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent
9	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log

Mode 1: 1px CCT RGB 8bit

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	C TC	99	0–13 2800 14–59 3200 60–98 4500 99–130 5600 131–254 6500 255–255 10000
3	Tint	0	0–10 No effect 11–20 Full Minus G 21–119 99% >> 1% Minus G 120–145 Neutral 146–244 1% >> 99% Plus G 245–255 Full Plus G
4	Crossfade	0	0–254 Whtie 255–255 Color
5	Red	255	
6	Green	255	
7	Blue	255	
8	Shutter / Strobe	0	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz
9	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent
10	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log

Mode 19: 1px Adv HSI 16bit

11 channels

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

Mode 19: 1px Adv HSI 16bit (continued)

Ch	Function	Default	DMX values
5	H SBSaturation	0	
6	H SBSaturation Fine	0	Fine byte of H SBSaturation
7	C TC	99	0–9 CTC 1 10–254 Min 255–255 Max
8	C TC Fine	99	Fine byte of C TC
9	Shutter / Strobe	0	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz
10	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent
11	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log

Mode 24: 16px LE CCT RGB 16bit

14 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	99	0–13 2800 14–59 3200 60–98 4500 99–130 5600 131–254 6500 255–255 10000
4	C TC Fine	99	Fine byte of C TC
5	Tint	0	0–16 No effect 17–37 Full Minus G 38–116 99% >> 1% Minus G 117–155 Neutral 156–234 1% >> 99% Plus G 235–255 Full Plus G
6	Tint Fine	0	Fine byte of Tint
7	Crossfade	0	0–254 Whtie 255–255 Color
8	Crossfade Fine	0	Fine byte of Crossfade
9	Red	255	
10	Red Fine	255	Fine byte of Red
11	Green	255	
12	Green Fine	255	Fine byte of Green
13	Blue	255	
14	Blue Fine	255	Fine byte of Blue

Mode 16: 1px CCT 16bit

15 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	99	0–13 2800 14–59 3200 60–98 4500 99–130 5600 131–254 6500 255–255 10000
4	C TC Fine	99	Fine byte of C TC
5	Tint	0	0–16 No effect 17–37 Full Minus G 38–116 99% >> 1% Minus G 117–155 Neutral 156–234 1% >> 99% Plus G 235–255 Full Plus G
6	Tint Fine	0	Fine byte of Tint
7	Shutter / Strobe	0	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz
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	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent
15	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log

Mode 17: 1px CCT HSI 16bit

15 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	99	0–13 2800 14–59 3200 60–98 4500 99–130 5600 131–254 6500 255–255 10000
4	C TC Fine	99	Fine byte of C TC
5	Tint	0	0–16 No effect 17–37 Full Minus G 38–116 99% >> 1% Minus G 117–155 Neutral 156–234 1% >> 99% Plus G 235–255 Full Plus G

Mode 17: 1px CCT HSI 16bit (continued)

Ch	Function	Default	DMX values
6	Tint Fine	0	Fine byte of Tint
7	Crossfade	0	0–254 Whtie 255–255 Color
8	Crossfade Fine	0	Fine byte of Crossfade
9	H SBHue	0	
10	H SBHue Fine	0	Fine byte of H SBHue
11	H SBSaturation	0	
12	H SBSaturation Fine	0	Fine byte of H SBSaturation
13	Shutter / Strobe	0	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz
14	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent
15	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log

Mode 18: 1px RGBWW 16bit

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	White	255	
10	White Fine	255	Fine byte of White
11	Color Add WW	255	
12	Color Add WW Fine	255	Fine byte of Color Add WW
13	Shutter / Strobe	0	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz
14	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent
15	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log

Mode 15: 1px CCT RGB 16bit

17 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	99	0–13 2800 14–59 3200 60–98 4500 99–130 5600 131–254 6500 255–255 10000
4	C TC Fine	99	Fine byte of C TC
5	Tint	0	0–16 No effect 17–37 Full Minus G 38–116 99% >> 1% Minus G 117–155 Neutral 156–234 1% >> 99% Plus G 235–255 Full Plus G
6	Tint Fine	0	Fine byte of Tint
7	Crossfade	0	0–254 Whtie 255–255 Color
8	Crossfade Fine	0	Fine byte of Crossfade
9	Red	255	
10	Red Fine	255	Fine byte of Red
11	Green	255	
12	Green Fine	255	Fine byte of Green
13	Blue	255	
14	Blue Fine	255	Fine byte of Blue
15	Shutter / Strobe	0	0–19 Open 20–254 Shutter1Strobe 2 · Min 1–24.9 Hz 255–255 Shutter1Strobe 2 · Max 25 Hz
16	Fan Mode	0	0–63 Smart 64–127 High 128–191 Medium 192–255 Silent
17	Dimmer Curve	0	0–64 Linear 65–127 S-Curve 128–191 Exp 192–255 Log