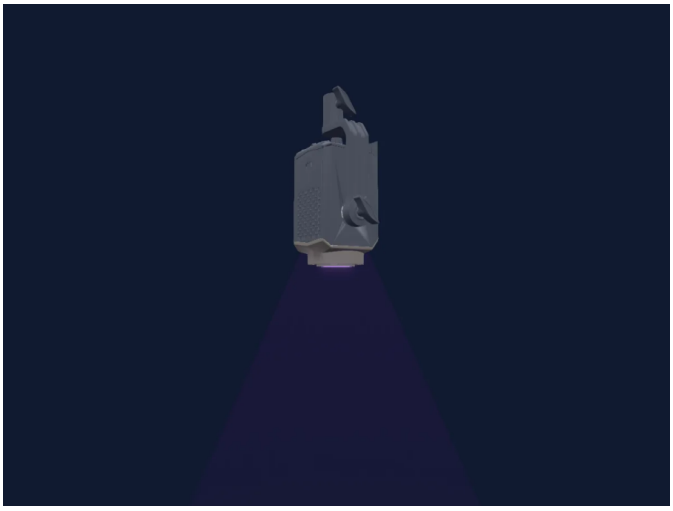
OGSON fixtures

NANLITE Forza 60C



Manufacturer	**OGSON fixtures**
Type	**Spot**
DMX modes	**18**
DMX footprint	**7, 10, 11, 12, 14, 17, 20, 25 channels**
Beam angle	**48°**
Size (W × H × D)	**110 × 224 × 88 mm**
GDTF fixture type	**E90D80DE-4771-4E2A-AE3C-34…**

Controls

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

DMX modes

CCT 8bit	7 ch
HSI 8bit	7 ch
RGB 8bit (No Dimmer)	7 ch
XY 8bit	7 ch
CCT+HSI 8bit	10 ch
RGBLAC 8bit	11 ch
RGBW 8bit	11 ch
CCT 16bit	12 ch
HSI 16bit	12 ch
RGB 16bit (No Dimmer)	12 ch
XY 16bit	12 ch
CCT+RGBLAC 8bit	14 ch
CCT+RGBW 8bit	14 ch
CCT+HSI 16bit	17 ch
RGBLAC 16bit	20 ch
RGBW 16bit	20 ch
CCT+RGBLAC 16bit	25 ch
CCT+RGBW 16bit	25 ch

CCT 8bit

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	22	
3	Tint	128	0–10 No function 11–20 -100 Green 21–119 -99 to -1 Green 120–145 Neutral/No Effect 146–244 +1 to +99 Green 245–255 +100 Green
4	Fan Mode	0	0–127 ON 128–255 OFF
5	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
6	Reserved	0	
7	Reserved2	0	

HSI 8bit

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	H SBHue	0	0–84 0deg - Red 85–169 120deg - Green 170–255 240deg - Blue
3	H SBSaturation	0	
4	Fan Mode	0	0–127 ON 128–255 OFF
5	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
6	Reserved	0	
7	Reserved2	0	

RGB 8bit (No Dimmer)

7 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Fan Mode	0	0–127 ON 128–255 OFF

RGB 8bit (No Dimmer) (continued)

Ch	Function	Default	DMX values
5	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
6	Reserved	0	
7	Reserved2	0	

XY 8bit

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C IEX	0	
3	C IEY	0	
4	Fan Mode	0	0–127 ON 128–255 OFF
5	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
6	Reserved	0	
7	Reserved2	0	

CCT+HSI 8bit

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 Open
2	C TC	22	
3	Tint	128	0–10 No function 11–20 -100 Green 21–119 -99 to -1 Green 120–145 Neutral/No Effect 146–244 +1 to +99 Green 245–255 +100 Green
4	Crossfade	0	0–254 White 255–255 Color
5	H SBHue	0	0–84 0deg - Red 85–169 120deg - Green 170–255 240deg - Blue
6	H SBSaturation	0	
7	Fan Mode	0	0–127 ON 128–255 OFF
8	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz

CCT+HSI 8bit (continued)

Ch	Function	Default	DMX values
9	Reserved	0	
10	Reserved2	0	

RGBLAC 8bit

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	0	
3	Green	0	
4	Blue	0	
5	Color Add RY	0	
6	Color Add C	0	
7	Color Add GY	0	
8	Fan Mode	0	0–127 ON 128–255 OFF
9	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
10	Reserved	0	
11	Reserved2	0	

RGBW 8bit

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	0	
3	Green	0	
4	Blue	0	
5	White	0	
6	C CTWhite Point	0	
7	Tint White Point	0	
8	Fan Mode	0	0–127 ON 128–255 OFF
9	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
10	Reserved	0	
11	Reserved2	0	

CCT 16bit

12 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	22	
4	C TC Fine	22	Fine byte of C TC
5	Tint	128	0–10 No function 11–20 -100 Green 21–119 -99 to -1 Green 120–145 Neutral/No Effect 146–244 +1 to +99 Green 245–255 +100 Green
6	Tint Fine	128	Fine byte of Tint
7	Fan Mode	0	0–127 ON 128–255 OFF
8	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
9	Reserved	0	
10	Reserved2	0	
11	Reserved3	0	
12	Reserved4	0	

HSI 16bit

12 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	0–84 0deg - Red 85–169 120deg - Green 170–255 240deg - Blue
4	H SBHue Fine	0	Fine byte of H SBHue
5	H SBSaturation	0	
6	H SBSaturation Fine	0	Fine byte of H SBSaturation
7	Fan Mode	0	0–127 ON 128–255 OFF
8	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
9	Reserved	0	
10	Reserved2	0	
11	Reserved3	0	
12	Reserved4	0	

RGB 16bit (No Dimmer)

12 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	Fan Mode	0	0–127 ON 128–255 OFF
8	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
9	Reserved	0	
10	Reserved2	0	
11	Reserved3	0	
12	Reserved4	0	

XY 16bit

12 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	Fan Mode	0	0–127 ON 128–255 OFF
8	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
9	Reserved	0	
10	Reserved2	0	
11	Reserved3	0	
12	Reserved4	0	

CCT+RGBLAC 8bit

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	C TC	22	

CCT+RGBLAC 8bit (continued)

Ch	Function	Default	DMX values
3	Tint	128	0–10 No function 11–20 -100 Green 21–119 -99 to -1 Green 120–145 Neutral/No Effect 146–244 +1 to +99 Green 245–255 +100 Green
4	Crossfade	0	0–254 White 255–255 Color
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add RY	0	
9	Color Add C	0	
10	Color Add GY	0	
11	Fan Mode	0	0–127 ON 128–255 OFF
12	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
13	Reserved	0	
14	Reserved2	0	

CCT+RGBW 8bit

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	22	
3	Tint	128	0–10 No function 11–20 -100 Green 21–119 -99 to -1 Green 120–145 Neutral/No Effect 146–244 +1 to +99 Green 245–255 +100 Green
4	Crossfade	0	0–254 White 255–255 Color
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	255	
9	C CTWhite Point	0	
10	Tint White Point	0	
11	Fan Mode	0	0–127 ON 128–255 OFF
12	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz

CCT+RGBW 8bit (continued)

Ch	Function	Default	DMX values
13	Reserved	0	
14	Reserved2	0	

CCT+HSI 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	22	
4	C TC Fine	22	Fine byte of C TC
5	Tint	128	0–10 No function 11–20 -100 Green 21–119 -99 to -1 Green 120–145 Neutral/No Effect 146–244 +1 to +99 Green 245–255 +100 Green
6	Tint Fine	128	Fine byte of Tint
7	Crossfade	0	0–254 White 255–255 Color
8	H SBHue	0	0–84 0deg - Red 85–169 120deg - Green 170–255 240deg - Blue
9	H SBHue Fine	0	Fine byte of H SBHue
10	H SBSaturation	0	
11	H SBSaturation Fine	0	Fine byte of H SBSaturation
12	Fan Mode	0	0–127 SMART 128–255 FULL SPEED
13	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
14	Reserved	0	
15	Reserved2	0	
16	Reserved3	0	
17	Reserved4	0	

RGBLAC 16bit

20 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	0	
4	Red Fine	0	Fine byte of Red
5	Green	0	
6	Green Fine	0	Fine byte of Green
7	Blue	0	

RGBLAC 16bit (continued)

Ch	Function	Default	DMX values
8	Blue Fine	0	Fine byte of Blue
9	Color Add RY	0	
10	Color Add RY Fine	0	Fine byte of Color Add RY
11	Color Add C	0	
12	Color Add C Fine	0	Fine byte of Color Add C
13	Color Add GY	0	
14	Color Add GY Fine	0	Fine byte of Color Add GY
15	Fan Mode	0	0–127 ON 128–255 OFF
16	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
17	Reserved	0	
18	Reserved2	0	
19	Reserved3	0	
20	Reserved4	0	

RGBW 16bit

20 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	0	
4	Red Fine	0	Fine byte of Red
5	Green	0	
6	Green Fine	0	Fine byte of Green
7	Blue	0	
8	Blue Fine	0	Fine byte of Blue
9	White	0	
10	White Fine	0	Fine byte of White
11	C CTWhite Point	0	
12	C CTWhite Point Fine	0	Fine byte of C CTWhite Point
13	Tint White Point	0	
14	Tint White Point Fine	0	Fine byte of Tint White Point
15	Fan Mode	0	0–127 ON 128–255 OFF
16	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
17	Reserved	0	
18	Reserved2	0	
19	Reserved3	0	

RGBW 16bit (continued)

Ch	Function	Default	DMX values
20	Reserved4	0	

CCT+RGBLAC 16bit

25 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	22	
4	C TC Fine	22	Fine byte of C TC
5	Tint	128	0–10 No function 11–20 -100 Green 21–119 -99 to -1 Green 120–145 Neutral/No Effect 146–244 +1 to +99 Green 245–255 +100 Green
6	Tint Fine	128	Fine byte of Tint
7	Crossfade	0	0–254 White 255–255 Color
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	Color Add RY	255	
15	Color Add RY Fine	255	Fine byte of Color Add RY
16	Color Add C	255	
17	Color Add C Fine	255	Fine byte of Color Add C
18	Color Add GY	255	
19	Color Add GY Fine	255	Fine byte of Color Add GY
20	Fan Mode	0	0–127 ON 128–255 OFF
21	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
22	Reserved	0	
23	Reserved2	0	
24	Reserved3	0	
25	Reserved4	0	

CCT+RGBW 16bit

25 channels

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

CCT+RGBW 16bit (continued)

Ch	Function	Default	DMX values
3	C TC	22	
4	C TC Fine	22	Fine byte of C TC
5	Tint	128	0–10 No function 11–20 -100 Green 21–119 -99 to -1 Green 120–145 Neutral/No Effect 146–244 +1 to +99 Green 245–255 +100 Green
6	Tint Fine	128	Fine byte of Tint
7	Crossfade	0	0–254 White 255–255 Color
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	C CTWhite Point	0	
17	C CTWhite Point Fine	0	Fine byte of C CTWhite Point
18	Tint White Point	0	
19	Tint White Point Fine	0	Fine byte of Tint White Point
20	Fan Mode	0	0–127 ON 128–255 OFF
21	Shutter / Strobe	0	0–3 Open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–254 StrobeRate · Min 0.5–24.9 Hz 255–255 StrobeRate · Max 25 Hz
22	Reserved	0	
23	Reserved2	0	
24	Reserved3	0	
25	Reserved4	0	