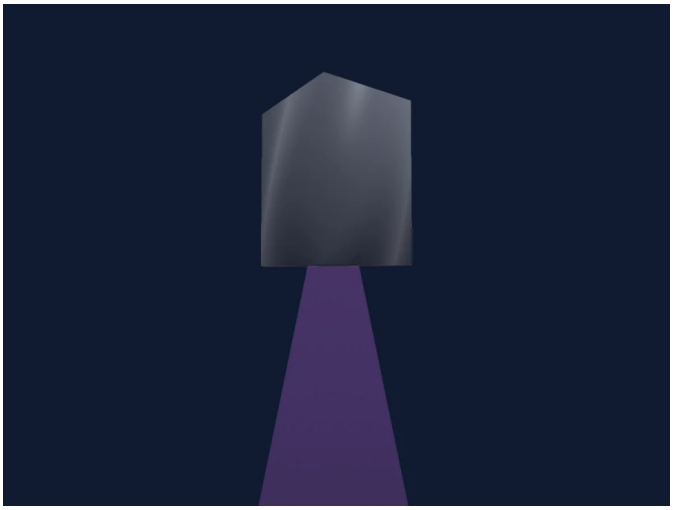
Nanlux

Evoke 900C



Manufacturer	**Nanlux**
Type	**PAR**
DMX modes	**8**
DMX footprint	**10, 14, 20, 25 channels**
Beam angle	**25°**
Size (W × H × D)	**241 × 330 × 210 mm**
GDTF fixture type	**E8DAAA04-F56D-496D-A135-1…**

Controls

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

Safety-relevant functions

Strobe

DMX modes

CCT + RGBLAC 8BIT - REDUCED CHANNELS ON	10 ch
CCT + RGBW 8BIT - REDUCED CHANNELS ON	10 ch
CCT + RGBLAC 8BIT - REDUCED CHANNELS OFF	14 ch
CCT + RGBW 8BIT - REDUCED CHANNELS OFF	14 ch
CCT + RGBLAC 16BIT - REDUCED CHANNELS ON	20 ch
CCT + RGBW 16BIT - REDUCED CHANNELS ON	20 ch
CCT + RGBLAC 16BIT - REDUCED CHANNELS OFF	25 ch
CCT + RGBW 16BIT - REDUCED CHANNELS OFF	25 ch

CCT + RGBLAC 8BIT - REDUCED CHANNELS ON

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	53	
3	Tint	133	0–10 Neutral 11–20 -200 Green 21–119 -199 to -1 Green 120–145 Neutral 146–244 +1 to +199 Green 245–255 +200 Green
4	Color XF	0	
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add GY	0	
9	Color Add RY	0	
10	Color Add C	0	

CCT + RGBW 8BIT - REDUCED CHANNELS ON

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	53	
3	Tint	133	0–10 Neutral 11–20 -200 Green 21–119 -199 to -1 Green 120–145 Neutral 146–244 +1 to +199 Green 245–255 +200 Green
4	Color XF	0	
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	255	
9	C TCWhite Point	53	
10	Tint White Point	133	0–10 Neutral 11–20 -200 Green 21–119 -199 to -1 Green 120–145 Neutral 146–244 +1 to +199 Green 245–255 +200 Green

CCT + RGBLAC 8BIT - REDUCED CHANNELS OFF

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	53	
3	Tint	133	0–10 Neutral 11–20 -200 Green 21–119 -199 to -1 Green 120–145 Neutral 146–244 +1 to +199 Green 245–255 +200 Green

CCT + RGBLAC 8BIT - REDUCED CHANNELS OFF (continued)

Ch	Function	Default	DMX values
4	Color XF	0	
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add GY	0	
9	Color Add RY	0	
10	Color Add C	0	
11	Fan Mode	0	0–63 Smart 64–127 Full Speed 128–191 Half Speed 192–255 Fan Off
12	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–255 Variable Strobe (1 to 25Hz)
13	No Feature	0	
14	No Feature	0	

CCT + RGBW 8BIT - REDUCED CHANNELS OFF

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	53	
3	Tint	133	0–10 Neutral 11–20 -200 Green 21–119 -199 to -1 Green 120–145 Neutral 146–244 +1 to +199 Green 245–255 +200 Green
4	Color XF	0	
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	255	
9	C TCWhite Point	53	
10	Tint White Point	133	0–10 Neutral 11–20 -200 Green 21–119 -199 to -1 Green 120–145 Neutral 146–244 +1 to +199 Green 245–255 +200 Green
11	Fan Mode	0	0–63 Smart 64–127 Full Speed 128–191 Half Speed 192–255 Fan Off
12	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–255 Variable Strobe (1 to 25Hz)
13	No Feature	0	

CCT + RGBW 8BIT - REDUCED CHANNELS OFF (continued)

Ch	Function	Default	DMX values
14	No Feature	0	

CCT + RGBLAC 16BIT - REDUCED CHANNELS ON

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	53	
4	C TC Fine	53	Fine byte of C TC
5	Tint	136	0–18 Neutral 19–38 -200 Green 39–116 -199 to -1 Green 117–155 Neutral 156–233 +1 to +199 Green 234–255 +200 Green
6	Tint Fine	184	Fine byte of Tint
7	Color XF	0	
8	Red	0	
9	Red Fine	255	Fine byte of Red
10	Green	0	
11	Green Fine	255	Fine byte of Green
12	Blue	0	
13	Blue Fine	255	Fine byte of Blue
14	Color Add GY	0	
15	Color Add GY Fine	0	Fine byte of Color Add GY
16	Color Add RY	0	
17	Color Add RY Fine	0	Fine byte of Color Add RY
18	Color Add C	0	
19	Color Add C Fine	0	Fine byte of Color Add C
20	Fan Mode	0	0–63 Smart 64–127 Full Speed 128–191 Half Speed 192–255 Fan Off

CCT + RGBW 16BIT - REDUCED CHANNELS ON

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	53	
4	C TC Fine	53	Fine byte of C TC
5	Tint	136	0–18 Neutral 19–38 -200 Green 39–116 -199 to -1 Green 117–155 Neutral 156–233 +1 to +199 Green 234–255 +200 Green
6	Tint Fine	184	Fine byte of Tint
7	Color XF	0	

CCT + RGBW 16BIT - REDUCED CHANNELS ON (continued)

Ch	Function	Default	DMX values
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 TCWhite Point	53	
17	C TCWhite Point Fine	53	Fine byte of C TCWhite Point
18	Tint White Point	136	0–18 Neutral 19–38 -200 Green 39–116 -199 to -1 Green 117–155 Neutral 156–233 +1 to +199 Green 234–255 +200 Green
19	Tint White Point Fine	184	Fine byte of Tint White Point
20	Fan Mode	0	0–63 Smart 64–127 Full Speed 128–191 Half Speed 192–255 Fan Off

CCT + RGBLAC 16BIT - REDUCED CHANNELS OFF

25 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	53	
4	C TC Fine	53	Fine byte of C TC
5	Tint	136	0–18 Neutral 19–38 -200 Green 39–116 -199 to -1 Green 117–155 Neutral 156–233 +1 to +199 Green 234–255 +200 Green
6	Tint Fine	184	Fine byte of Tint
7	Color XF	0	
8	Red	0	
9	Red Fine	255	Fine byte of Red
10	Green	0	
11	Green Fine	255	Fine byte of Green
12	Blue	0	
13	Blue Fine	255	Fine byte of Blue
14	Color Add GY	0	
15	Color Add GY Fine	0	Fine byte of Color Add GY
16	Color Add RY	0	
17	Color Add RY Fine	0	Fine byte of Color Add RY
18	Color Add C	0	
19	Color Add C Fine	0	Fine byte of Color Add C

CCT + RGBLAC 16BIT - REDUCED CHANNELS OFF (continued)

Ch	Function	Default	DMX values
20	Fan Mode	0	0–63 Smart 64–127 Full Speed 128–191 Half Speed 192–255 Fan Off
21	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–255 Variable Strobe (1 to 25Hz)
22	No Feature	0	
23	No Feature	0	
24	No Feature	0	
25	No Feature	0	

CCT + RGBW 16BIT - REDUCED CHANNELS OFF

25 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	53	
4	C TC Fine	53	Fine byte of C TC
5	Tint	136	0–18 Neutral 19–38 -200 Green 39–116 -199 to -1 Green 117–155 Neutral 156–233 +1 to +199 Green 234–255 +200 Green
6	Tint Fine	184	Fine byte of Tint
7	Color XF	0	
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 TCWhite Point	53	
17	C TCWhite Point Fine	53	Fine byte of C TCWhite Point
18	Tint White Point	136	0–18 Neutral 19–38 -200 Green 39–116 -199 to -1 Green 117–155 Neutral 156–233 +1 to +199 Green 234–255 +200 Green
19	Tint White Point Fine	184	Fine byte of Tint White Point
20	Fan Mode	0	0–63 Smart 64–127 Full Speed 128–191 Half Speed 192–255 Fan Off

CCT + RGBW 16BIT - REDUCED CHANNELS OFF (continued)

Ch	Function	Default	DMX values
21	Shutter / Strobe	0	0–3 Off 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–255 Variable Strobe (1 to 25Hz)
22	No Feature	0	
23	No Feature	0	
24	No Feature	0	
25	No Feature	0	