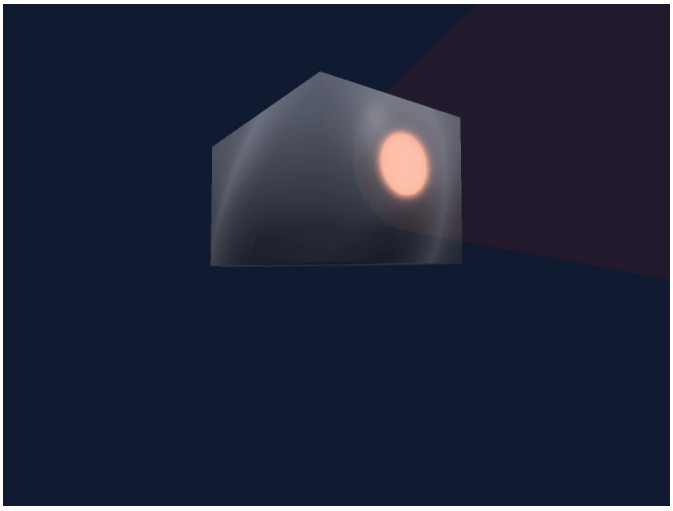
Nanlux

Evoke 150C



Manufacturer	**Nanlux**
Type	**PAR**
DMX modes	**8**
DMX footprint	**15, 19, 22, 30 channels**
Beam angle	**25°**
Size (W × H × D)	**209 × 127 × 146 mm**
GDTF fixture type	**20E63A4E-9565-452A-BD69-46…**

Controls

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

DMX modes

CCT+RGBW 8Bit_Reduced Channels Off	15 ch
CCT+RGBW 8Bit_Reduced Channels On	15 ch
CCT+C8-Direct 8bit_Reduced Channels Off	19 ch
CCT+C8-Direct 8bit_Reduced Channels On	19 ch
CCT+RGBW 16Bit_Reduced Channels Off	22 ch
CCT+RGBW 16Bit_Reduced Channels On	22 ch
CCT+C8-Direct 16bit_Reduced Channels Off	30 ch
CCT+C8-Direct 16bit_Reduced Channels On	30 ch

CCT+RGBW 8Bit_Reduced Channels Off

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 closed 1–255 open
2	C TC	0	
3	Color RGBMagenta	0	0–9 Neutral 10–20 -200 Red 21–119 -199 > -1 Red 120–145 Neutral 146–244 1 > 199 Green 245–255 200 Green
4	Color Mix Mode	0	0–0 CCT 1–255 RGBW
5	Red	0	
6	Green	0	
7	Blue	0	
8	No Feature	0	
9	Fan Mode	0	0–63 Smart 64–127 Full Speed 128–191 Low Speed 192–255 Off
10	Strobe Rate	0	0–3 OFF 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–255 0'4 > 25 Hz
11	Reserved1	0	
12	Reserved2	0	
13	Reserved3	0	
14	Reserved4	0	
15	Reserved5	0	

CCT+RGBW 8Bit_Reduced Channels On

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 closed 1–255 open
2	C TC	0	
3	Color RGBMagenta	0	0–9 Neutral 10–20 -200 Red 21–119 -199 > -1 Red 120–145 Neutral 146–244 1 > 199 Green 245–255 200 Green
4	Color Mix Mode	0	0–0 CCT 1–255 RGBW
5	Red	0	
6	Green	0	
7	Blue	0	
8	White	0	
9	Fan Mode	0	0–63 Smart 64–127 Full Speed 128–191 Low Speed 192–255 Off

CCT+RGBW 8Bit_Reduced Channels On (continued)

Ch	Function	Default	DMX values
10	Strobe Rate	0	0–3 OFF 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–255 0'4 > 25 Hz
11	Reserved1	0	
12	Reserved2	0	
13	Reserved3	0	
14	Reserved4	0	
15	Reserved5	0	

CCT+C8-Direct 8bit_Reduced Channels Off

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 closed 1–255 open
2	C TC	0	
3	Color RGBMagenta	0	0–9 Neutral 10–20 -200 Red 21–119 -199 > -1 Red 120–145 Neutral 146–244 1 > 199 Green 245–255 200 Green
4	Color Mix Mode	0	0–0 CCT 1–255 RGBW
5	Deep Red	0	
6	Red	0	
7	Amber	0	
8	Lime	0	
9	Green	0	
10	Cyan	0	
11	Blue	0	
12	Indigo	0	
13	Fan Mode	0	0–63 Smart 64–127 Full Speed 128–191 Low Speed 192–255 Off
14	Strobe Rate	0	0–3 OFF 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–255 0'4 > 25 Hz
15	Reserved1	0	
16	Reserved2	0	
17	Reserved3	0	
18	Reserved4	0	
19	Reserved5	0	

CCT+C8-Direct 8bit_Reduced Channels On

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 closed 1–255 open
2	C TC	0	
3	Color RGBMagenta	0	0–9 Neutral 10–20 -200 Red 21–119 -199 > -1 Red 120–145 Neutral 146–244 1 > 199 Green 245–255 200 Green
4	Color Mix Mode	0	0–0 CCT 1–255 RGBW
5	Deep Red	0	
6	Red	0	
7	Amber	0	
8	Lime	0	
9	Green	0	
10	Cyan	0	
11	Blue	0	
12	Indigo	0	
13	Fan Mode	0	0–63 Smart 64–127 Full Speed 128–191 Low Speed 192–255 Off
14	Strobe Rate	0	0–3 OFF 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–255 0'4 > 25 Hz
15	Reserved1	0	
16	Reserved2	0	
17	Reserved3	0	
18	Reserved4	0	
19	Reserved5	0	

CCT+RGBW 16Bit_Reduced Channels Off

22 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 closed 1–255 open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	0	
4	C TC Fine	0	Fine byte of C TC
5	Color RGBMagenta	0	0–18 Neutral 19–38 -200 Red 39–116 -199 > -1 Red 117–155 Neutral 156–233 1 > 199 Green 234–255 200 Green
6	Color RGBMagenta Fine	0	Fine byte of Color RGBMagenta
7	Color Mix Mode	0	0–0 CCT 1–255 RGBW

CCT+RGBW 16Bit_Reduced Channels Off (continued)

Ch	Function	Default	DMX values
8	Red	0	
9	Red Fine	0	Fine byte of Red
10	Green	0	
11	Green Fine	0	Fine byte of Green
12	Blue	0	
13	Blue Fine	0	Fine byte of Blue
14	White	0	
15	White Fine	0	Fine byte of White
16	Fan Mode	0	0–63 Smart 64–127 Full Speed 128–191 Low Speed 192–255 Off
17	Strobe Rate	0	0–3 OFF 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–255 0'4 > 25 Hz
18	Reserved1	0	
19	Reserved2	0	
20	Reserved3	0	
21	Reserved4	0	
22	Reserved5	0	

CCT+RGBW 16Bit_Reduced Channels On

22 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 closed 1–255 open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	0	
4	C TC Fine	0	Fine byte of C TC
5	Color RGBMagenta	0	0–18 Neutral 19–38 -200 Red 39–116 -199 > -1 Red 117–155 Neutral 156–233 1 > 199 Green 234–255 200 Green
6	Color RGBMagenta Fine	0	Fine byte of Color RGBMagenta
7	Color Mix Mode	0	0–0 CCT 1–255 RGBW
8	Red	0	
9	Red Fine	0	Fine byte of Red
10	Green	0	
11	Green Fine	0	Fine byte of Green
12	Blue	0	
13	Blue Fine	0	Fine byte of Blue
14	White	0	
15	White Fine	0	Fine byte of White

CCT+RGBW 16Bit_Reduced Channels On (continued)

Ch	Function	Default	DMX values
16	Fan Mode	0	0–63 Smart 64–127 Full Speed 128–191 Low Speed 192–255 Off
17	Strobe Rate	0	0–3 OFF 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–255 0'4 > 25 Hz
18	Reserved1	0	
19	Reserved2	0	
20	Reserved3	0	
21	Reserved4	0	
22	Reserved5	0	

CCT+C8-Direct 16bit_Reduced Channels Off

30 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 closed 1–255 open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	0	
4	C TC Fine	0	Fine byte of C TC
5	Color RGBMagenta	0	0–9 Neutral 10–20 -200 Red 21–119 -199 > -1 Red 120–145 Neutral 146–244 1 > 199 Green 245–255 200 Green
6	Color RGBMagenta Fine	0	Fine byte of Color RGBMagenta
7	Color Mix Mode	0	0–0 CCT 1–255 RGBW
8	Deep Red	0	
9	Deep Red Fine	0	Fine byte of Deep Red
10	Red	0	
11	Red Fine	0	Fine byte of Red
12	Amber	0	
13	Amber Fine	0	Fine byte of Amber
14	Lime	0	
15	Lime Fine	0	Fine byte of Lime
16	Green	0	
17	Green Fine	0	Fine byte of Green
18	Cyan	0	
19	Cyan Fine	0	Fine byte of Cyan
20	Blue	0	
21	Blue Fine	0	Fine byte of Blue
22	Indigo	0	
23	Indigo Fine	0	Fine byte of Indigo

CCT+C8-Direct 16bit_Reduced Channels Off (continued)

Ch	Function	Default	DMX values
24	Fan Mode	0	0–63 Smart 64–127 Full Speed 128–191 Low Speed 192–255 Off
25	Strobe Rate	0	0–3 OFF 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–255 0'4 > 25 Hz
26	Reserved1	0	
27	Reserved2	0	
28	Reserved3	0	
29	Reserved4	0	
30	Reserved5	0	

CCT+C8-Direct 16bit_Reduced Channels On

30 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 closed 1–255 open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	0	
4	C TC Fine	0	Fine byte of C TC
5	Color RGBMagenta	0	0–9 Neutral 10–20 -200 Red 21–119 -199 > -1 Red 120–145 Neutral 146–244 1 > 199 Green 245–255 200 Green
6	Color RGBMagenta Fine	0	Fine byte of Color RGBMagenta
7	Color Mix Mode	0	0–0 CCT 1–255 RGBW
8	Deep Red	0	
9	Deep Red Fine	0	Fine byte of Deep Red
10	Red	0	
11	Red Fine	0	Fine byte of Red
12	Amber	0	
13	Amber Fine	0	Fine byte of Amber
14	Lime	0	
15	Lime Fine	0	Fine byte of Lime
16	Green	0	
17	Green Fine	0	Fine byte of Green
18	Cyan	0	
19	Cyan Fine	0	Fine byte of Cyan
20	Blue	0	
21	Blue Fine	0	Fine byte of Blue
22	Indigo	0	
23	Indigo Fine	0	Fine byte of Indigo

CCT+C8-Direct 16bit_Reduced Channels On (continued)

Ch	Function	Default	DMX values
24	Fan Mode	0	0–63 Smart 64–127 Full Speed 128–191 Low Speed 192–255 Off
25	Strobe Rate	0	0–3 OFF 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–255 0'4 > 25 Hz
26	Reserved1	0	
27	Reserved2	0	
28	Reserved3	0	
29	Reserved4	0	
30	Reserved5	0	