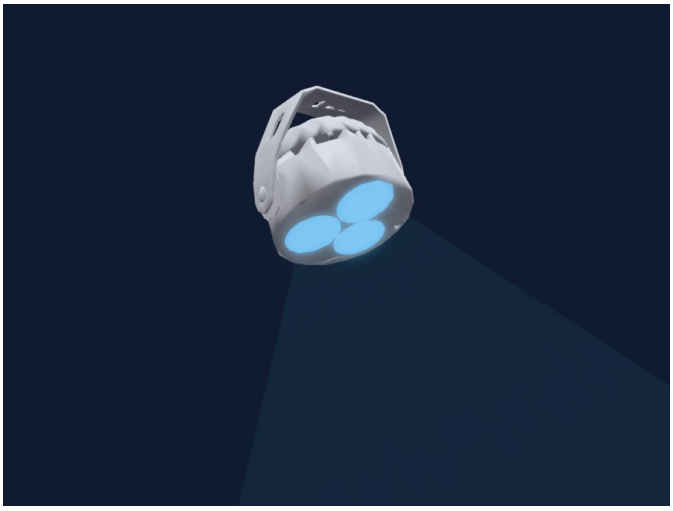
Anolis

Calumma S MC



Manufacturer	**Anolis**
Type	**Moving head**
DMX modes	**15**
DMX footprint	**2, 3, 4, 6, 8, 12, 15 channels**
Beam angle	**9-100°**
Tilt range	**360°**
Size (W × H × D)	**164 × 119 × 159 mm**
GDTF fixture type	**B336173D-4619-48B3-A8C1-D3…**

Controls

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

DMX modes

Mode 13 dimmer	2 ch
Mode 11 White selection + dim	3 ch
Mode 2 RGB 8 bit	3 ch
Mode 4 White full control	3 ch
Mode 1 RGBA 8bit	4 ch
Mode 1 RGBW 8bit	4 ch
Mode 12 WW + CW	4 ch
Mode 5 Reduced RGBA	6 ch
Mode 5 Reduced RGBW	6 ch
Mode 6 Reduced RGBA + white control	8 ch
Mode 6 Reduced RGBW + white control	8 ch
Mode 3 full RGBA	12 ch
Mode 3 full RGBW	12 ch
Mode 7 full RGBA + virtual colour wheel	15 ch
Mode 7 full RGBW + virtual colour wheel	15 ch

Mode 13 dimmer

2 channels

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

Mode 11 White selection + dim

3 channels

Ch	Function	Default	DMX values
1	C TO	0	0–254 2700K 255–255 6500K
2	Dimmer	0	0–254 Closed 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer

Mode 2 RGB 8 bit

3 channels

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

Mode 4 White full control

3 channels

Ch	Function	Default	DMX values
1	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
2	C TO	0	0–0 No function 1–10 Tungsten dimming 2700K 11–20 Tungsten dimming 3200K 21–65 1800K 66–90 2700K 91–140 3200K 141–210 4200K 211–254 5600K 255–255 6500K
3	Dimmer	0	0–254 Closed 255–255 Open

Mode 1 RGBA 8bit

4 channels

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

Mode 1 RGBW 8bit

4 channels

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

Mode 12 WW + CW

4 channels

Ch	Function	Default	DMX values
1	Color Add WW	255	
2	Color Add CW	255	
3	Dimmer	0	0–254 Closed 255–255 Open
4	Dimmer Fine	0	Fine byte of Dimmer

Mode 5 Reduced RGBA

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	255	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Mode 5 Reduced RGBW

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Mode 6 Reduced RGBA + white control

8 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	255	
5	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green

Mode 6 Reduced RGBA + white control (continued)

Ch	Function	Default	DMX values
6	C TO	0	0–0 No function 1–10 Tungsten dimming 2700K 11–20 Tungsten dimming 3200K 21–65 1800K 66–90 2700K 91–140 3200K 141–210 4200K 211–254 5600K 255–255 6500K
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer

Mode 6 Reduced RGBW + white control

8 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
6	C TO	0	0–0 No function 1–10 Tungsten dimming 2700K 11–20 Tungsten dimming 3200K 21–65 1800K 66–90 2700K 91–140 3200K 141–210 4200K 211–254 5600K 255–255 6500K
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer

Mode 3 full RGBA

12 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	Color Add RY	255	
8	Color Add RY Fine	255	Fine byte of Color Add RY
9	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green

Mode 3 full RGBA (continued)

Ch	Function	Default	DMX values
10	C TO	0	0–0 No function 1–10 Tungsten dimming 2700K 11–20 Tungsten dimming 3200K 21–65 1800K 66–90 2700K 91–140 3200K 141–210 4200K 211–254 5600K 255–255 6500K
11	Dimmer	0	0–254 Closed 255–255 Open
12	Dimmer Fine	0	Fine byte of Dimmer

Mode 3 full RGBW

12 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	255	
8	White Fine	255	Fine byte of White
9	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
10	C TO	0	0–0 No function 1–10 Tungsten dimming 2700K 11–20 Tungsten dimming 3200K 21–65 1800K 66–90 2700K 91–140 3200K 141–210 4200K 211–254 5600K 255–255 6500K
11	Dimmer	0	0–254 Closed 255–255 Open
12	Dimmer Fine	0	Fine byte of Dimmer

Mode 7 full RGBA + virtual colour wheel

15 channels

Ch	Function	Default	DMX values
1	Control1	0	0–0 NoFeature 1–2 Save current DMX values as initial 3–4 Show saved initial DMX values 5–6 Run Factory demo (without DMX) 7–255 NoFeature 1
2	Red	255	
3	Red Fine	255	Fine byte of Red
4	Green	255	
5	Green Fine	255	Fine byte of Green

Mode 7 full RGBA + virtual colour wheel (continued)

Ch	Function	Default	DMX values
6	Blue	255	
7	Blue Fine	255	Fine byte of Blue
8	Color Add RY	255	
9	Color Add RY Fine	255	Fine byte of Color Add RY
10	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
11	C TO	0	0–0 No function 1–10 Tungsten dimming 2700K 11–20 Tungsten dimming 3200K 21–65 1800K 66–90 2700K 91–140 3200K 141–210 4200K 211–254 5600K 255–255 6500K

Mode 7 full RGBA + virtual colour wheel (continued)

Ch	Function	Default	DMX values
12	Color Wheel	0	0–0 Open 1–2 White 1800 K (wheel slot 2) 3–4 White 2700 K (wheel slot 3) 5–6 White 3200 K (wheel slot 4) 7–8 White 4200 K (wheel slot 5) 9–10 White 5600 K (wheel slot 6) 11–12 White 6500 K (wheel slot 7) 13–13 Blue (wheel slot 8) 14–14 Blue + Green >> 0 (wheel slot 9) 15–15 Blue + Green >> 1 (wheel slot 10) 16–16 Blue + Green >> 2 (wheel slot 11) 17–17 Blue + Green >> 3 (wheel slot 12) 18–18 Blue + Green >> 4 (wheel slot 13) 19–19 Blue + Green >> 5 (wheel slot 14) 20–20 Blue + Green >> 6 (wheel slot 15) 21–21 Blue + Green >> 7 (wheel slot 16) 22–22 Blue + Green >> 8 (wheel slot 17) 23–23 Blue + Green >> 9 (wheel slot 18) 24–24 Cyan (wheel slot 19) 25–25 Green + Blue << 0 (wheel slot 20) 26–26 Green + Blue << 1 (wheel slot 21) 27–27 Green + Blue << 2 (wheel slot 22) 28–28 Green + Blue << 3 (wheel slot 23) 29–29 Green + Blue << 4 (wheel slot 24) 30–30 Green + Blue << 5 (wheel slot 25) 31–31 Green + Blue << 6 (wheel slot 26) 32–32 Green + Blue << 7 (wheel slot 27) 33–33 Green + Blue << 8 (wheel slot 28) 34–34 Green + Blue << 9 (wheel slot 29) 35–35 Green (wheel slot 30) 36–36 Green + Red >> 0 (wheel slot 31) 37–37 Green + Red >> 1 (wheel slot 32) 38–38 Green + Red >> 2 (wheel slot 33) 39–39 Green + Red >> 3 (wheel slot 34) 40–40 Green + Red >> 4 (wheel slot 35) 41–41 Green + Red >> 5 (wheel slot 36) 42–42 Green + Red >> 6 (wheel slot 37) 43–43 Green + Red >> 7 (wheel slot 38) 44–44 Green + Red >> 8 (wheel slot 39) 45–45 Green + Red >> 9 (wheel slot 40) 46–46 Yellow (wheel slot 41) 47–47 Red + Green << 0 (wheel slot 42) 48–48 Red + Green << 1 (wheel slot 43) 49–49 Red + Green << 2 (wheel slot 44) 50–50 Red + Green << 3 (wheel slot 45) 51–51 Red + Green << 4 (wheel slot 46) 52–52 Red + Green << 5 (wheel slot 47) 53–53 Red + Green << 6 (wheel slot 48) 54–54 Red + Green << 7 (wheel slot 49) 55–55 Red + Green << 8 (wheel slot 50) 56–56 Red + Green << 9 (wheel slot 51) 57–57 Red (wheel slot 52) 58–58 Red + Blue >> 0 (wheel slot 53) 59–59 Red + Blue >> 1 (wheel slot 54) 60–60 Red + Blue >> 2 (wheel slot 55) 61–61 Red + Blue >> 3 (wheel slot 56) 62–62 Red + Blue >> 4 (wheel slot 57) 63–63 Red + Blue >> 5 (wheel slot 58) 64–64 Red + Blue >> 6 (wheel slot 59) 65–65 Red + Blue >> 7 (wheel slot 60) 66–66 Red + Blue >> 8 (wheel slot 61) 67–67 Red + Blue >> 9 (wheel slot 62) 68–68 Magenta (wheel slot 63) 69–69 Blue + Red << 0 (wheel slot 64)

Mode 7 full RGBA + virtual colour wheel (continued)

Ch	Function	Default	DMX values
13	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–79 Strobe · Slow to fast 1/12 0.3–9.83 Hz 80–94 Strobe · Slow to fast 6/12 10.5–19.4 Hz 95–95 Strobe · Slow to fast 12/12 20 Hz 96–127 open 128–134 StrobePulseOpen · Slow to fast 1/7 0.1–0.26 Hz 135–140 StrobePulseOpen · Slow to fast 4/7 0.287–0.42 Hz 141–143 StrobePulseOpen · Slow to fast 7/7 0.447–0.5 Hz 144–149 StrobePulseClose · Fast to slow 1/7 0.5–0.367 Hz 150–155 StrobePulseClose · Fast to slow 4/7 0.34–0.207 Hz 156–159 StrobePulseClose · Fast to slow 7/7 0.18–0.1 Hz 160–191 open 192–223 Random strobe from slow to fast 224–255 open
14	Dimmer	0	0–254 Closed 255–255 Open
15	Dimmer Fine	0	Fine byte of Dimmer

Mode 7 full RGBW + virtual colour wheel

15 channels

Ch	Function	Default	DMX values
1	Control1	0	0–0 NoFeature 1–2 Save current DMX values as initial 3–4 Show saved initial DMX values 5–6 Run Factory demo (without DMX) 7–255 NoFeature 1
2	Red	255	
3	Red Fine	255	Fine byte of Red
4	Green	255	
5	Green Fine	255	Fine byte of Green
6	Blue	255	
7	Blue Fine	255	Fine byte of Blue
8	White	255	
9	White Fine	255	Fine byte of White
10	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
11	C TO	0	0–0 No function 1–10 Tungsten dimming 2700K 11–20 Tungsten dimming 3200K 21–65 1800K 66–90 2700K 91–140 3200K 141–210 4200K 211–254 5600K 255–255 6500K

Mode 7 full RGBW + virtual colour wheel (continued)

Ch	Function	Default	DMX values
12	Color Wheel	0	0–0 Open 1–2 White 1800 K (wheel slot 2) 3–4 White 2700 K (wheel slot 3) 5–6 White 3200 K (wheel slot 4) 7–8 White 4200 K (wheel slot 5) 9–10 White 5600 K (wheel slot 6) 11–12 White 6500 K (wheel slot 7) 13–13 Blue (wheel slot 8) 14–14 Blue + Green >> 0 (wheel slot 9) 15–15 Blue + Green >> 1 (wheel slot 10) 16–16 Blue + Green >> 2 (wheel slot 11) 17–17 Blue + Green >> 3 (wheel slot 12) 18–18 Blue + Green >> 4 (wheel slot 13) 19–19 Blue + Green >> 5 (wheel slot 14) 20–20 Blue + Green >> 6 (wheel slot 15) 21–21 Blue + Green >> 7 (wheel slot 16) 22–22 Blue + Green >> 8 (wheel slot 17) 23–23 Blue + Green >> 9 (wheel slot 18) 24–24 Cyan (wheel slot 19) 25–25 Green + Blue << 0 (wheel slot 20) 26–26 Green + Blue << 1 (wheel slot 21) 27–27 Green + Blue << 2 (wheel slot 22) 28–28 Green + Blue << 3 (wheel slot 23) 29–29 Green + Blue << 4 (wheel slot 24) 30–30 Green + Blue << 5 (wheel slot 25) 31–31 Green + Blue << 6 (wheel slot 26) 32–32 Green + Blue << 7 (wheel slot 27) 33–33 Green + Blue << 8 (wheel slot 28) 34–34 Green + Blue << 9 (wheel slot 29) 35–35 Green (wheel slot 30) 36–36 Green + Red >> 0 (wheel slot 31) 37–37 Green + Red >> 1 (wheel slot 32) 38–38 Green + Red >> 2 (wheel slot 33) 39–39 Green + Red >> 3 (wheel slot 34) 40–40 Green + Red >> 4 (wheel slot 35) 41–41 Green + Red >> 5 (wheel slot 36) 42–42 Green + Red >> 6 (wheel slot 37) 43–43 Green + Red >> 7 (wheel slot 38) 44–44 Green + Red >> 8 (wheel slot 39) 45–45 Green + Red >> 9 (wheel slot 40) 46–46 Yellow (wheel slot 41) 47–47 Red + Green << 0 (wheel slot 42) 48–48 Red + Green << 1 (wheel slot 43) 49–49 Red + Green << 2 (wheel slot 44) 50–50 Red + Green << 3 (wheel slot 45) 51–51 Red + Green << 4 (wheel slot 46) 52–52 Red + Green << 5 (wheel slot 47) 53–53 Red + Green << 6 (wheel slot 48) 54–54 Red + Green << 7 (wheel slot 49) 55–55 Red + Green << 8 (wheel slot 50) 56–56 Red + Green << 9 (wheel slot 51) 57–57 Red (wheel slot 52) 58–58 Red + Blue >> 0 (wheel slot 53) 59–59 Red + Blue >> 1 (wheel slot 54) 60–60 Red + Blue >> 2 (wheel slot 55) 61–61 Red + Blue >> 3 (wheel slot 56) 62–62 Red + Blue >> 4 (wheel slot 57) 63–63 Red + Blue >> 5 (wheel slot 58) 64–64 Red + Blue >> 6 (wheel slot 59) 65–65 Red + Blue >> 7 (wheel slot 60) 66–66 Red + Blue >> 8 (wheel slot 61) 67–67 Red + Blue >> 9 (wheel slot 62) 68–68 Magenta (wheel slot 63) 69–69 Blue + Red << 0 (wheel slot 64)

Mode 7 full RGBW + virtual colour wheel (continued)

Ch	Function	Default	DMX values
13	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–79 Strobe · Slow to fast 1/12 0.3–9.83 Hz 80–94 Strobe · Slow to fast 6/12 10.5–19.4 Hz 95–95 Strobe · Slow to fast 12/12 20 Hz 96–127 open 128–134 StrobePulseOpen · Slow to fast 1/7 0.1–0.26 Hz 135–140 StrobePulseOpen · Slow to fast 4/7 0.287–0.42 Hz 141–143 StrobePulseOpen · Slow to fast 7/7 0.447–0.5 Hz 144–149 StrobePulseClose · Fast to slow 1/7 0.5–0.367 Hz 150–155 StrobePulseClose · Fast to slow 4/7 0.34–0.207 Hz 156–159 StrobePulseClose · Fast to slow 7/7 0.18–0.1 Hz 160–191 open 192–223 Random strobe from slow to fast 224–255 open
14	Dimmer	0	0–254 Closed 255–255 Open
15	Dimmer Fine	0	Fine byte of Dimmer