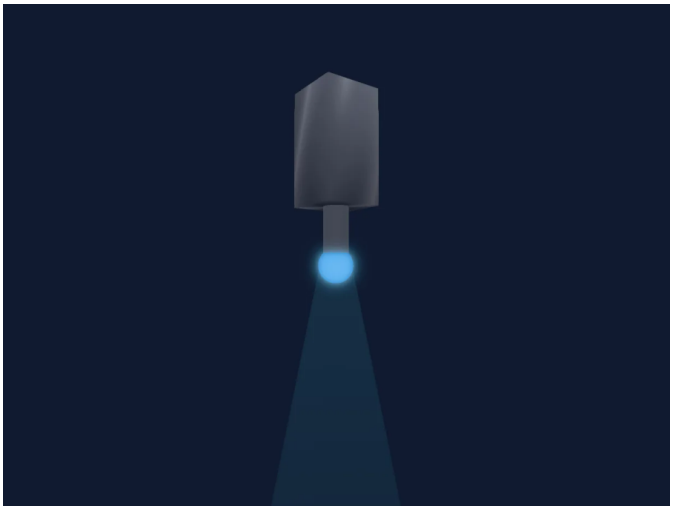
Coemar Lighting

LEDko FullSpectrum 6 HD Studio Plus



Manufacturer	**Coemar Lighting**
Type	**Profile spot**
DMX modes	**7**
DMX footprint	**1, 6, 7, 9, 12, 16 channels**
Beam angle	**25°**
Size (W × H × D)	**188 × 362 × 188 mm**
GDTF fixture type	**F3FC2E54-2239-46FE-AE68-321…**

Controls

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

Safety-relevant functions

Service functions

DMX modes

1 channel	1 ch
SUNRISE mode	6 ch
7 channels	7 ch
Studio mode	7 ch
RGB mode	9 ch
fine RGB mode	12 ch
16 channels	16 ch

1 channel

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

SUNRISE mode

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 TO	0	0–0 2700 K (wheel slot 32) 1–44 2700K-4000K 45–45 4000K (wheel slot 34) 46–79 4000K-5000K 80–80 5000K (wheel slot 35) 81–100 5000K-5600K 101–101 5600K (wheel slot 36) 102–254 5600K-10000K 255–255 10000K (wheel slot 40)
4	Step Cct	118	0–9 No effect (wheel slot 1) 10–36 2700K (wheel slot 32) 37–63 3200K (wheel slot 33) 64–90 4000K (wheel slot 34) 91–117 5000K (wheel slot 35) 118–144 5600K (wheel slot 36) 145–171 7000K (wheel slot 37) 172–198 8000K (wheel slot 38) 199–225 9000K (wheel slot 39) 226–255 10000K (wheel slot 40)
5	Tint	0	0–0 No effect 1–127 Exalts green 128–128 No effect 129–254 Diminishes green 255–255 No effect
6	Fans	0	0–9 Park 10–84 No effect 85–96 FAN SILENT 97–108 FAN STUDIO 109–120 FAN AUTO 121–133 FAN MANUAL 134–185 DISPLAY OFF 186–199 DISPLAY ON 200–255 No effect

7 channels

7 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	Color Add BC	255	
6	Color Add GY	255	
7	Color Add RY	255	

Studio mode

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TO	0	0–15 2700 K (wheel slot 32) 16–30 2700K-3200K 31–45 3200K (wheel slot 33) 46–60 3200K-4000K 61–75 4000K (wheel slot 34) 76–90 4000K-5000K 91–105 5000K (wheel slot 35) 106–120 5000K-5600K 121–135 5600K (wheel slot 36) 136–150 5600K-7000K 151–165 7000K (wheel slot 37) 166–180 7000K-8000K 181–195 8000K (wheel slot 38) 196–210 8000K-9000K 211–225 9000K (wheel slot 39) 226–240 9000K-10000K 241–255 10000K (wheel slot 40)
3	Tint	0	0–0 No effect 1–127 Exalts green 128–128 No effect 129–254 Diminishes green 255–255 No effect
4	C OLORCROSSFADE	0	
5	Hue	0	
6	Dimmer Fine	0	Fine byte of Dimmer
7	Fans	0	0–9 Park 10–84 No effect 85–96 FAN SILENT 97–108 FAN STUDIO 109–120 FAN AUTO 121–133 FAN MANUAL 134–185 DISPLAY OFF 186–199 DISPLAY ON 200–255 No effect

RGB mode

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	Red	255	
4	Green	255	
5	Blue	255	

RGB mode (continued)

Ch	Function	Default	DMX values
6	C TO	0	0–9 No effect (wheel slot 1) 10–15 2700 K (wheel slot 32) 16–30 2700K-3200K 31–45 3200K (wheel slot 33) 46–60 3200K-4000K 61–75 4000K (wheel slot 34) 76–90 4000K-5000K 91–105 5000K (wheel slot 35) 106–120 5000K-5600K 121–135 5600K (wheel slot 36) 136–150 5600K-7000K 151–165 7000K (wheel slot 37) 166–180 7000K-8000K 181–195 8000K (wheel slot 38) 196–210 8000K-9000K 211–225 9000K (wheel slot 39) 226–240 9000K-10000K 241–255 10000K (wheel slot 40)
7	Tint	0	
8	Shutter / Strobe	0	0–9 No effect 10–56 Strobe · Min 0–9.79 Hz 57–57 Strobe · Max 10 Hz 58–59 Stop strobe 60–107 Pulse S>F · Min 0–9.79 Hz 108–108 Pulse S>F · Max 10 Hz 109–110 Stop strobe 111–158 Pulse 2 S>F · Min 0–9.79 Hz 159–159 Pulse 2 S>F · Max 10 Hz 160–161 Stop strobe 162–206 Rnd S>F strobe · Min 0–9.78 Hz 207–207 Rnd S>F strobe · Max 10 Hz 208–209 Stop strobe 210–254 Rnd Col S>F strobe · Min 0–9.78 Hz 255–255 Rnd Col S>F strobe · Max 10 Hz
9	Fans	0	0–9 Park 10–84 No effect 85–96 FAN SILENT 97–108 FAN STUDIO 109–120 FAN AUTO 121–133 FAN MANUAL 134–185 DISPLAY OFF 186–199 DISPLAY ON 200–255 No effect

fine RGB mode

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	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

fine RGB mode (continued)

Ch	Function	Default	DMX values
9	C TO	0	0–9 No effect (wheel slot 1) 10–15 2700 K (wheel slot 32) 16–30 2700K-3200K 31–45 3200K (wheel slot 33) 46–60 3200K-4000K 61–75 4000K (wheel slot 34) 76–90 4000K-5000K 91–105 5000K (wheel slot 35) 106–120 5000K-5600K 121–135 5600K (wheel slot 36) 136–150 5600K-7000K 151–165 7000K (wheel slot 37) 166–180 7000K-8000K 181–195 8000K (wheel slot 38) 196–210 8000K-9000K 211–225 9000K (wheel slot 39) 226–240 9000K-10000K 241–255 10000K (wheel slot 40)
10	Tint	0	
11	Shutter / Strobe	0	0–9 No effect 10–56 Strobe · Min 0–9.79 Hz 57–57 Strobe · Max 10 Hz 58–59 Stop strobe 60–107 Pulse S>F · Min 0–9.79 Hz 108–108 Pulse S>F · Max 10 Hz 109–110 Stop strobe 111–158 Pulse 2 S>F · Min 0–9.79 Hz 159–159 Pulse 2 S>F · Max 10 Hz 160–161 Stop strobe 162–206 Rnd S>F strobe · Min 0–9.78 Hz 207–207 Rnd S>F strobe · Max 10 Hz 208–209 Stop strobe 210–254 Rnd Col S>F strobe · Min 0–9.78 Hz 255–255 Rnd Col S>F strobe · Max 10 Hz
12	Fans	0	0–9 Park 10–84 No effect 85–96 FAN SILENT 97–108 FAN STUDIO 109–120 FAN AUTO 121–133 FAN MANUAL 134–185 DISPLAY OFF 186–199 DISPLAY ON 200–255 No effect

16 channels

16 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	Color Add BC	255	
6	Color Add GY	255	
7	Color Add RY	255	

16 channels (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	0	0–9 No effect 10–56 Strobe · Min 0.5–24.5 Hz 57–57 Strobe · Max 25 Hz 58–59 Stop strobe 60–107 Pulse S>F · Min 0.5–24.5 Hz 108–108 Pulse S>F · Max 25 Hz 109–110 Stop strobe 111–158 Pulse 2 S>F · Min 0.5–24.5 Hz 159–159 Pulse 2 S>F · Max 25 Hz 160–161 Stop strobe 162–206 Rnd S>F strobe · Min 0.5–24.5 Hz 207–207 Rnd S>F strobe · Max 25 Hz 208–209 Stop strobe 210–254 Rnd Col S>F strobe · Min 0.5–24.5 Hz 255–255 Rnd Col S>F strobe · Max 25 Hz
9	Dimmer Fine	0	Fine byte of Dimmer
10	Fans	0	0–9 Park 10–84 No effect 85–96 FAN SILENT 97–108 FAN STUDIO 109–120 FAN AUTO 121–133 FAN MANUAL 134–185 DISPLAY OFF 186–199 DISPLAY ON 200–255 No effect
11	Color Wheel	0	0–9 Open (wheel slot 1) 10–34 COR01 - GELS RED 1 (wheel slot 2) 35–59 COR02 - GELS RED 2 (wheel slot 3) 60–84 COR03 - GELS RED 3 (wheel slot 4) 85–109 COR04 - GELS RED 4 (wheel slot 5) 110–134 COR05 - GELS RED 5 (wheel slot 6) 135–159 COR06 - GELS RED 6 (wheel slot 7) 160–184 COR07 - GELS RED 7 (wheel slot 8) 185–209 COR08 - GELS RED 8 (wheel slot 9) 210–234 COR09 - GELS RED 9 (wheel slot 10) 235–255 COR10 - GELS RED 10 (wheel slot 11)
12	Color Wheel 2	0	0–9 No effect (wheel slot 1) 10–34 COG01 - GELS GREEN 1 (wheel slot 12) 35–59 COG02 - GELS GREEN 2 (wheel slot 13) 60–84 COG03 - GELS GREEN 3 (wheel slot 14) 85–109 COG04 - GELS GREEN 4 (wheel slot 15) 110–134 COG05 - GELS GREEN 5 (wheel slot 16) 135–159 COG06 - GELS GREEN 6 (wheel slot 17) 160–184 COG07 - GELS GREEN 7 (wheel slot 18) 185–209 COG08 - GELS GREEN 8 (wheel slot 19) 210–234 COG09 - GELS GREEN 9 (wheel slot 20) 235–255 COG10 - GELS GREEN 10 (wheel slot 21)
13	Color3	0	0–9 No effect (wheel slot 1) 10–34 COB01 - GELS BLUE 1 (wheel slot 22) 35–59 COB02 - GELS BLUE 2 (wheel slot 23) 60–84 COB03 - GELS BLUE 3 (wheel slot 24) 85–109 COB04 - GELS BLUE 4 (wheel slot 25) 110–134 COB05 - GELS BLUE 5 (wheel slot 26) 135–159 COB06 - GELS BLUE 6 (wheel slot 27) 160–184 COB07 - GELS BLUE 7 (wheel slot 28) 185–209 COB08 - GELS BLUE 8 (wheel slot 29) 210–234 COB09 - GELS BLUE 9 (wheel slot 30) 235–255 COB10 - GELS BLUE 10 (wheel slot 31)

16 channels (continued)

Ch	Function	Default	DMX values
14	C TO	0	0–9 No effect (wheel slot 1) 10–15 2700 K (wheel slot 32) 16–30 2700K-3200K 31–45 3200K (wheel slot 33) 46–60 3200K-4000K 61–75 4000K (wheel slot 34) 76–90 4000K-5000K 91–105 5000K (wheel slot 35) 106–120 5000K-5600K 121–135 5600K (wheel slot 36) 136–150 5600K-7000K 151–165 7000K (wheel slot 37) 166–180 7000K-8000K 181–195 8000K (wheel slot 38) 196–210 8000K-9000K 211–225 9000K (wheel slot 39) 226–240 9000K-10000K 241–255 10000K (wheel slot 40)
15	Tint	0	0–0 No effect 1–127 Exalts green 128–128 No effect 129–254 Diminishes green 255–255 No effect
16	C OLORCROSSFADE	0	