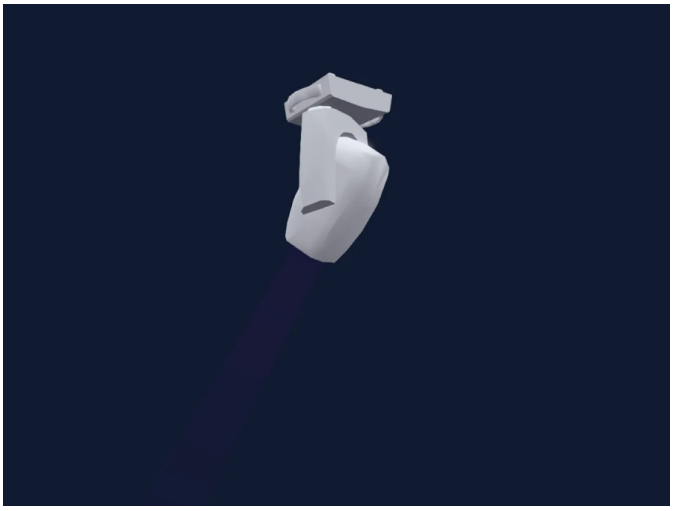
Cems

LLP400



Manufacturer	**Cems**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**19 channels**
Beam angle	**1-15°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**278 × 455 × 256 mm**
GDTF fixture type	**C9DC56BD-820D-4FB4-A42B-C…**

Controls

Focus · Frost · Prism · Prism rotation · Colour wheel · Strobe · Dimmer · Animation wheel · Gobos

Safety-relevant functions

Lamp on and off · Fixture reset · Service functions

DMX modes

19ch 19 ch

19ch

19 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–4 Open (wheel slot 1) 5–8 White/Red (wheel slot 1) 9–12 Red (wheel slot 2) 13–17 Red/Orange (wheel slot 2) 18–21 Orange (wheel slot 3) 22–25 Orange/Blue (wheel slot 3) 26–29 Blue (wheel slot 4) 30–34 Blue/Green (wheel slot 4) 35–38 Green (wheel slot 5) 39–42 Green/Magenta (wheel slot 5) 43–51 Magenta (wheel slot 6) 52–59 Yellow (wheel slot 7) 60–68 Cyan (wheel slot 8) 69–74 Light Green (wheel slot 9) 75–85 Pink (wheel slot 10) 86–93 Ctw (wheel slot 11) 94–102 Uv (wheel slot 12) 103–110 Cto1 (wheel slot 13) 111–119 Cto2 (wheel slot 14) 120–127 Ctb (wheel slot 15) 128–255 Color1WheelSpin 2
2	Shutter / Strobe	255	0–3 Closed 4–102 LInear Strobe Slow to Fast · 1Hz 1–11.9 Hz 103–103 LInear Strobe Slow to Fast · 25Hz 12 Hz 104–107 Open 108–206 Linear Pulse Fast to Slow · Fast 1–8.92 Hz 207–207 Linear Pulse Fast to Slow · Slow 9 Hz 208–212 Open 213–225 Random Strobe low to Fast · Fast 1–4.47 Hz 226–238 Random Strobe low to Fast · Med 4.76–8.24 Hz 239–251 Random Strobe low to Fast · Slow 8.53–12 Hz 252–255 Open
3	Dimmer	0	0–254 Close 255–255 Open

19ch (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–3 OPEN (wheel slot 1) 4–7 GOBO 1 (wheel slot 2) 8–11 GOBO 2 (wheel slot 3) 12–16 GOBO 3 (wheel slot 4) 17–21 GOBO 4 (wheel slot 5) 22–25 GOBO 5 (wheel slot 6) 26–29 GOBO 6 (wheel slot 7) 30–33 GOBO 7 (wheel slot 8) 34–37 Gobo 8 (wheel slot 9) 38–42 Gobo 9 (wheel slot 10) 43–46 Gobo 10 (wheel slot 11) 47–51 Gobo 11 (wheel slot 12) 52–55 Gobo 12 (wheel slot 13) 56–71 Gobo 13 (wheel slot 14) 72–92 <<< 93–112 << 113–113 < 114–117 Stop 118–138 > 139–158 >>> 159–159 >>>> 160–165 GOBO 1 (wheel slot 2) 166–170 GOBO 2 (wheel slot 3) 171–175 GOBO 3 (wheel slot 4) 176–181 GOBO 4 (wheel slot 5) 182–186 GOBO 5 (wheel slot 6) 187–191 GOBO 6 (wheel slot 7) 192–196 Gobo 7 (wheel slot 8) 197–202 Gobo 8 (wheel slot 9) 203–207 Gobo 9 (wheel slot 10) 208–212 Gobo 10 (wheel slot 11) 213–218 Gobo 11 (wheel slot 12) 219–223 Gobo 12 (wheel slot 13) 224–228 Gobo 13 (wheel slot 14) 229–233 Gobo 14 (wheel slot 15) 234–239 Gobo 15 (wheel slot 16) 240–244 Gobo 16 (wheel slot 17) 245–249 Gobo 17 (wheel slot 18) 250–255 Gobo 18 (wheel slot 19)
5	Prism	0	0–25 Open (wheel slot 1) 26–95 Prism 4 facet (wheel slot 2) 96–254 8+8+8 (wheel slot 3) 255–255 6 Facet Prism (wheel slot 4)
6	Prism Rotation	0	0–21 CW 0 TO 90 22–42 CW 90 to 180 43–63 CW 180 to 270 64–84 CW 270 to 360 85–105 CW 360 to 450 106–127 CW 450 to 540 128–190 CW 191–254 Stop 255–255 CCW
7	Prism	0	0–93 Open (wheel slot 1) 94–254 Prism 8 Facet (wheel slot 2) 255–255 6 facet (wheel slot 3)

19ch (continued)

Ch	Function	Default	DMX values
8	Prism Rotation	0	0–21 CW 0 TO 90 22–42 CW 90 to 180 43–63 CW 180 to 270 64–84 CW 270 to 360 85–105 CW 360 to 450 106–127 CW 450 to 540 128–190 CW 191–254 Stop 255–255 CCW
9	Animation Wheel1	0	0–254 Open (wheel slot 1) 255–255 Animation wheel (wheel slot 2)
10	Frost1	0	0–254 Open (wheel slot 1) 255–255 Frost (wheel slot 2)
11	Zoom	128	0–127 Min 128–254 Home 255–255 Max
12	Focus	127	
13	Pan	128	
14	Pan Fine	0	Fine byte of Pan
15	Tilt	128	
16	Tilt Fine	0	Fine byte of Tilt
17	Function	0	0–110 Unused Range 1 111–120 Standard CMY Speed 121–130 Fast CMY Speed 131–140 Dimmer Curve 1 141–150 Dimmer Curve 2 151–160 Display OFF 161–170 Display ON 171–255 Unused Range
18	Fixture Global Reset	0	0–25 Unused Range 26–76 Effect Reset 77–127 Pan / Tilt Reset 128–255 Fixture Reset
19	Lamp Control	0	0–25 Unused Range 26–100 Lamp OFF 101–255 Lamp ON