Cyclops Lighting

Sparkly LED 600P



Manufacturer	**Cyclops Lighting**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**37, 41 channels**
Beam angle	**6-42°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**253 × 390 × 253 mm**
GDTF fixture type	**0D492000-03AB-3A62-44BD-31…**

Controls

Focus · Frost · Iris · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset

DMX modes

37 channel	37 ch
41 channel	41 ch

37 channel

37 channels

Ch	Function	Default	DMX values
1	Cyan	0	
2	Magenta	0	
3	Yellow	0	
4	C TO	0	0–254 min CTO 255–255 max CTO
5	Color Wheel	0	0–8 open (wheel slot 1) 9–17 open (2) (wheel slot 1) 18–26 colour 1 (wheel slot 2) 27–35 colour 1 (2) (wheel slot 2) 36–44 colour 2 (wheel slot 3) 45–53 colour 2 (2) (wheel slot 3) 54–62 colour 3 (wheel slot 4) 63–71 colour 3 (2) (wheel slot 4) 72–80 colour 4 (wheel slot 5) 81–89 colour 4 (2) (wheel slot 5) 90–98 colour 5 (wheel slot 6) 99–107 colour 5 (2) (wheel slot 6) 108–116 colour 6 (wheel slot 7) 117–125 colour 6 (2) (wheel slot 7) 126–127 open (3) (wheel slot 1) 128–254 <<< 255–255 >>>
6	Shutter / Strobe	106	0–3 closed 4–102 min Strobe 103–103 max Strobe 104–107 open 108–206 Shutter1StrobeRandom 4 · min Rnd 0.1–10 Hz 207–207 Shutter1StrobeRandom 4 · max Rnd 10 Hz 208–211 open (2) 213–250 Shutter1StrobeRandom 6 · min Rnd (2) 0.361–10 Hz 251–251 Shutter1StrobeRandom 6 · max Rnd (2) 10 Hz 252–255 open (3)
7	Dimmer	0	0–254 closed 255–255 open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Iris	131	0–130 closed Iris 131–131 open Iris 132–170 min Strobe Pulse 171–171 max Strobe Pulse 172–210 min Strobe Pulse Open 211–211 max Strobe Pulse Open 212–250 min Strobe Pulse Close 251–251 max Strobe Pulse Close 252–255 open Iris (2)

37 channel (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–7 open (wheel slot 1) 8–15 gobo 1 1 (wheel slot 2) 16–23 gobo 1 2 (wheel slot 3) 24–31 gobo 1 3 (wheel slot 4) 32–39 gobo 1 4 (wheel slot 5) 40–47 gobo 1 5 (wheel slot 6) 48–55 gobo 1 6 (wheel slot 7) 56–63 gobo 1 7 (wheel slot 8) 64–71 gobo 1 8 (wheel slot 9) 72–72 >>> 73–113 Spin 100 1% 114–117 stop 118–158 Spin -1 -100% 159–159 <<< 160–171 gobo 1 1 (wheel slot 2) 172–183 gobo 1 2 (wheel slot 3) 184–195 gobo 1 3 (wheel slot 4) 196–207 gobo 1 4 (wheel slot 5) 208–219 gobo 1 5 (wheel slot 6) 220–231 gobo 1 6 (wheel slot 7) 232–243 gobo 1 7 (wheel slot 8) 244–255 gobo 1 8 (wheel slot 9)
11	Gobo 2	0	0–18 open (wheel slot 1) 19–37 gobo 2 1 (wheel slot 2) 38–56 gobo 2 2 (wheel slot 3) 57–74 gobo 2 3 (wheel slot 4) 75–92 gobo 2 4 (wheel slot 5) 93–111 gobo 2 5 (wheel slot 6) 112–129 gobo 2 6 (wheel slot 7) 130–150 gobo 2 1 (wheel slot 2) 151–171 gobo 2 2 (wheel slot 3) 172–192 gobo 2 3 (wheel slot 4) 193–213 gobo 2 4 (wheel slot 5) 214–234 gobo 2 5 (wheel slot 6) 235–255 gobo 2 6 (wheel slot 7)
12	Gobo Rotation 2	0	0–126 zero 127–127 max CW 128–190 >>> 191–192 stop 193–254 Rotate2 -1 -100% 255–255 <<<<
13	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
14	E FFECTWHEEL	0	0–127 open (wheel slot 1) 128–255 4 facet prism (wheel slot 2)
15	E FFECTINDEXROTATE	0	0–126 zero 127–127 max CW 128–128 >>> 129–190 Rotate 100 1% 191–192 stop 193–254 Rotate -1 -100% 255–255 <<<<
16	Frost1	0	0–254 min Frost 255–255 max Frost
17	Blade1A	0	0–254 min 1A 255–255 max 1A
18	Blade1B	0	0–254 min 1B 255–255 max 1B
19	Blade3A	0	0–254 min 3A 255–255 max 3A

37 channel (continued)

Ch	Function	Default	DMX values
20	Blade3B	0	0–254 min 3B 255–255 max 3B
21	Blade2A	0	0–254 min 2A 255–255 max 2A
22	Blade2B	0	0–254 min 2B 255–255 max 2B
23	Blade4A	0	0–254 min 4A 255–255 max 4A
24	Blade4B	0	0–254 min 4B 255–255 max 4B
25	Shaper Rot	127	0–126 max CW 127–254 zero 255–255 max CCW
26	Focus	128	0–254 min Focus 255–255 max Focus
27	Focus Fine	0	Fine byte of Focus
28	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
29	Focus Mode	0	
30	Focus Mode Fine	0	Fine byte of Focus Mode
31	Pan	128	
32	Pan Fine	0	Fine byte of Pan
33	Tilt	128	
34	Tilt Fine	0	Fine byte of Tilt
35	C ONTROLRANGE	0	
36	Fixture Global Reset	0	0–25 NoFeature 1 26–76 NonPosReset 77–127 PosReset 128–255 Reset
37	Dummy	0	

41 channel

41 channels

Ch	Function	Default	DMX values
1	Cyan	0	
2	Magenta	0	
3	Yellow	0	
4	C TO	0	0–254 min CTO 255–255 max CTO

41 channel (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–8 open (wheel slot 1) 9–17 open (2) (wheel slot 1) 18–26 colour 1 (wheel slot 2) 27–35 colour 1 (2) (wheel slot 2) 36–44 colour 2 (wheel slot 3) 45–53 colour 2 (2) (wheel slot 3) 54–62 colour 3 (wheel slot 4) 63–71 colour 3 (2) (wheel slot 4) 72–80 colour 4 (wheel slot 5) 81–89 colour 4 (2) (wheel slot 5) 90–98 colour 5 (wheel slot 6) 99–107 colour 5 (2) (wheel slot 6) 108–116 colour 6 (wheel slot 7) 117–125 colour 6 (2) (wheel slot 7) 126–127 open (3) (wheel slot 1) 128–254 <<< 255–255 >>>
6	Shutter / Strobe	106	0–3 closed 4–102 min Strobe 103–103 max Strobe 104–107 open 108–206 Shutter1StrobeRandom 4 · min Rnd 0.1–10 Hz 207–207 Shutter1StrobeRandom 4 · max Rnd 10 Hz 208–211 open (2) 213–250 Shutter1StrobeRandom 6 · min Rnd (2) 0.361–10 Hz 251–251 Shutter1StrobeRandom 6 · max Rnd (2) 10 Hz 252–255 open (3)
7	Dimmer	0	0–254 closed 255–255 open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Iris	131	0–130 closed Iris 131–131 open Iris 132–170 min Strobe Pulse 171–171 max Strobe Pulse 172–210 min Strobe Pulse Open 211–211 max Strobe Pulse Open 212–250 min Strobe Pulse Close 251–251 max Strobe Pulse Close 252–255 open Iris (2)
10	Gobo	0	0–7 open (wheel slot 1) 8–15 gobo 1 1 (wheel slot 2) 16–23 gobo 1 2 (wheel slot 3) 24–31 gobo 1 3 (wheel slot 4) 32–39 gobo 1 4 (wheel slot 5) 40–47 gobo 1 5 (wheel slot 6) 48–55 gobo 1 6 (wheel slot 7) 56–63 gobo 1 7 (wheel slot 8) 64–71 gobo 1 8 (wheel slot 9) 72–72 >>> 73–113 Spin 100 1% 114–117 stop 118–158 Spin -1 -100% 159–159 <<< 160–171 gobo 1 1 (wheel slot 2) 172–183 gobo 1 2 (wheel slot 3) 184–195 gobo 1 3 (wheel slot 4) 196–207 gobo 1 4 (wheel slot 5) 208–219 gobo 1 5 (wheel slot 6) 220–231 gobo 1 6 (wheel slot 7) 232–243 gobo 1 7 (wheel slot 8) 244–255 gobo 1 8 (wheel slot 9)

41 channel (continued)

Ch	Function	Default	DMX values
11	Gobo 2	0	0–18 open (wheel slot 1) 19–37 gobo 2 1 (wheel slot 2) 38–56 gobo 2 2 (wheel slot 3) 57–74 gobo 2 3 (wheel slot 4) 75–92 gobo 2 4 (wheel slot 5) 93–111 gobo 2 5 (wheel slot 6) 112–129 gobo 2 6 (wheel slot 7) 130–150 gobo 2 1 (wheel slot 2) 151–171 gobo 2 2 (wheel slot 3) 172–192 gobo 2 3 (wheel slot 4) 193–213 gobo 2 4 (wheel slot 5) 214–234 gobo 2 5 (wheel slot 6) 235–255 gobo 2 6 (wheel slot 7)
12	Gobo Rotation 2	0	0–126 zero 127–127 max CW 128–190 >>> 191–192 stop 193–254 Rotate2 -1 -100% 255–255 <<<
13	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
14	E FFECTWHEEL	0	0–127 open (wheel slot 1) 128–255 4 facet prism (wheel slot 2)
15	E FFECTINDEXROTATE	0	0–126 zero 127–127 max CW 128–128 >>> 129–190 Rotate 100 1% 191–192 stop 193–254 Rotate -1 -100% 255–255 <<<
16	Frost1	0	0–254 min Frost 255–255 max Frost
17	Blade1A	0	0–254 min 1A 255–255 max 1A
18	Blade1B	0	0–254 min 1B 255–255 max 1B
19	Blade3A	0	0–254 min 3A 255–255 max 3A
20	Blade3B	0	0–254 min 3B 255–255 max 3B
21	Blade2A	0	0–254 min 2A 255–255 max 2A
22	Blade2B	0	0–254 min 2B 255–255 max 2B
23	Blade4A	0	0–254 min 4A 255–255 max 4A
24	Blade4B	0	0–254 min 4B 255–255 max 4B
25	Shaper Rot	127	0–126 max CW 127–254 zero 255–255 max CCW
26	Focus	128	0–254 min Focus 255–255 max Focus
27	Focus Fine	0	Fine byte of Focus
28	Zoom	128	0–127 narrow 128–254 normal 255–255 wide

41 channel (continued)

Ch	Function	Default	DMX values
29	Focus Mode	0	
30	Focus Mode Fine	0	Fine byte of Focus Mode
31	Pan	128	
32	Pan Fine	0	Fine byte of Pan
33	Tilt	128	
34	Tilt Fine	0	Fine byte of Tilt
35	C ONTROLRANGE	0	
36	Fixture Global Reset	0	0–25 NoFeature 1 26–76 NonPosReset 77–127 PosReset 128–255 Reset
37	Dummy	0	
38	Position MSpeed	0	0–254 min Track 255–255 max Track
39	Color Wheel Select MSpeed	0	0–254 min Track 255–255 max Track
40	E FFECTWHEELSELECTMSPEED	0	0–254 min Track 255–255 max Track
41	Gobo Wheel1MSpeed	0	0–254 min Track 255–255 max Track