Cyclops Lighting

Sparkly 800 Wash



Manufacturer	**Cyclops Lighting**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**20, 30 channels**
Beam angle	**4-50°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**256 × 393 × 256 mm**
GDTF fixture type	**0D492000-A0BE-AD18-7677-20…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer · Pixel control · Pan and tilt

Safety-relevant functions

Fixture reset

DMX modes

20 channel	20 ch
77 channel	20 ch
30 channel	30 ch

20 channel

20 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	0	
8	White Fine	0	Fine byte of White
9	C OLORTEMPERATURE	0	0–254 min ColorTemperature 255–255 max ColorTemperature
10	C OLORMIXER	0	
11	Shutter / Strobe	107	0–3 closed 4–102 min Strobe 103–103 max Strobe 104–107 open (2) 108–206 min Pulse 207–207 max Pulse 208–211 open (3) 213–225 Shutter1StrobeRandom 6 · min Rnd 226–238 Shutter1StrobeRandom 6 · Rnd 50% 239–250 Shutter1StrobeRandom 6 · max Rnd 252–255 open (4)
12	Dimmer	0	0–254 closed 255–255 open
13	Dimmer Fine	0	Fine byte of Dimmer
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	128	
17	Tilt Fine	0	Fine byte of Tilt
18	Dummy	0	
19	Fixture Global Reset	0	0–25 NoFeature 1 26–76 ZoomReset 77–127 PosReset 128–255 Reset
20	Zoom	128	0–127 narrow 128–254 normal 255–255 wide

77 channel

20 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Green Fine	255	
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White

77 channel (continued)

Ch	Function	Default	DMX values
9	C OLORTEMPERATURE	0	0–254 min ColorTemperature 255–255 max ColorTemperature
10	C OLORMIXER	0	
11	Shutter / Strobe	107	0–3 closed 4–102 min Strobe 103–103 max Strobe 104–107 open (2) 108–206 min Pulse 207–207 max Pulse 208–211 open (3) 213–225 Shutter1StrobeRandom 6 · min Rnd 226–238 Shutter1StrobeRandom 6 · Rnd 50% 239–250 Shutter1StrobeRandom 6 · max Rnd 252–255 open (4)
12	Dimmer	0	0–254 closed 255–255 open
13	Dimmer Fine	0	Fine byte of Dimmer
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	128	
17	Tilt Fine	0	Fine byte of Tilt
18	Dummy	0	
19	Fixture Global Reset	0	0–25 NoFeature 1 26–76 ZoomReset 77–127 PosReset 128–255 Reset
20	Zoom	127	0–127 narrow 128–254 normal 255–255 wide

30 channel

30 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	0	
8	White Fine	0	Fine byte of White
9	C OLORTEMPERATURE	0	0–254 min ColorTemperature 255–255 max ColorTemperature
10	C OLORMIXER	0	

30 channel (continued)

Ch	Function	Default	DMX values
11	Shutter / Strobe	107	0–3 closed 4–102 min Strobe 103–103 max Strobe 104–107 open (2) 108–206 min Pulse 207–207 max Pulse 208–211 open (3) 213–225 Shutter1StrobeRandom 6 · min Rnd 226–238 Shutter1StrobeRandom 6 · Rnd 50% 239–250 Shutter1StrobeRandom 6 · max Rnd 252–255 open (4)
12	Dimmer	0	0–254 closed 255–255 open
13	Dimmer Fine	0	Fine byte of Dimmer
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	128	
17	Tilt Fine	0	Fine byte of Tilt
18	Dummy	0	
19	Fixture Global Reset	0	0–25 NoFeature 1 26–76 ZoomReset 77–127 PosReset 128–255 Reset
20	Zoom	128	0–127 narrow 128–254 normal 255–255 wide

30 channel (continued)

Ch	Function	Default	DMX values
21	P IXELMASK	0	0–5 PixelMaskNone 6–9 entry 1 10–14 entry 2 15–19 entry 3 20–24 entry 4 25–29 entry 5 30–34 entry 6 35–39 entry 7 40–44 entry 8 45–49 entry 9 50–54 entry 10 55–59 entry 11 60–64 entry 12 65–69 entry 13 70–74 entry 14 75–79 entry 15 80–84 entry 16 85–89 entry 17 90–94 entry 18 95–99 entry 19 100–104 entry 20 105–109 entry 21 110–114 entry 22 115–119 entry 23 120–124 entry 24 125–129 entry 25 130–134 entry 26 135–139 entry 27 140–144 entry 28 145–149 entry 29 150–154 entry 30 155–159 entry 31 160–164 entry 32 165–169 entry 33 170–174 entry 34 175–179 entry 35 180–184 entry 36 185–189 entry 37 190–203 entry 38 205–205 max PixelMaskEffectRate 206–224 PixelMaskEffectRate 100 1% 225–234 PixelMaskEffectRate 0% 235–254 PixelMaskEffectRate -1 -100% 255–255 min PixelMaskEffectRate

30 channel (continued)

Ch	Function	Default	DMX values
22	P IXELMASK2	0	0–5 PixelMaskNone 6–14 Shape Scroll 15–24 entry 2 25–34 entry 3 35–44 entry 4 45–54 entry 5 55–64 entry 6 65–74 entry 7 75–84 entry 8 85–94 entry 9 95–104 entry 10 105–114 entry 11 115–124 entry 12 125–134 entry 13 135–144 entry 14 145–154 entry 15 155–164 entry 16 165–174 entry 17 175–184 entry 18 185–194 entry 19 195–203 entry 20 205–255 PixelMaskNone (2)
23	P IXELMASKEFFECTTIME	0	0–254 min PixelMaskEffectRate 255–255 max PixelMaskEffectRate
24	P IXELMASKEFFECTCROSSFADETIME	0	0–254 min PixelMaskEffectCrossfadeTime 255–255 max PixelMaskEffectCrossfadeTime
25	Color RGB13	255	
26	Color RGB23	255	
27	Color RGB33	255	
28	Color RGB53	0	
29	Dimmer2	0	0–254 closed 255–255 open
30	Dimmer3	0	0–254 closed 255–255 open