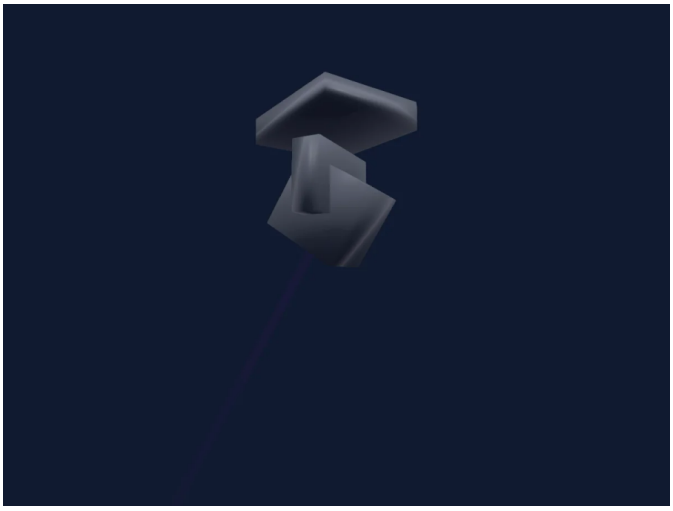
Cyclops Lighting

AQUARAY 400B



Manufacturer	**Cyclops Lighting**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**16 channels**
Beam angle	**0.01-1°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**206 × 247 × 253 mm**
GDTF fixture type	**2B9119D0-1114-4783-A268-F0…**

Controls

Focus · Frost · Colour wheel · Strobe · Dimmer · Gobos

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

16 channels — 16 ch

16 channels

16 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–4 open 5–8 open+ 1 9–12 color 1 13–17 1+2 18–21 color 2 22–25 2+3 26–29 color 3 30–34 3+4 35–38 color 4 39–42 4+5 43–46 color 5 47–51 5+6 52–55 color 6 56–59 6+7 60–63 color 7 64–68 7+8 69–72 color 8 73–76 8+9 77–81 color 9 82–85 9+10 86–89 color 10 90–93 10+11 94–98 color 11 99–102 11+12 103–106 color 12 107–110 12+13 111–115 color 13 116–119 13+14 120–123 color 14 124–127 14+open 128–128 >>> 129–187 Spin 100 1% 188–195 stop 196–254 Spin -1 100% 255–255 <<<
2	Shutter / Strobe	5	0–1 closed 2–7 open 8–62 min Strobe 63–63 max Strobe 64–71 open(2) 72–126 min Pulse Open 127–127 max Pulse Open 128–135 open(3) 136–159 min Pulse Close 160–160 max Pulse Close 161–166 open(4) 167–190 min Lightning Strobe 191–191 max Lightning Strobe 192–199 open(5) 200–209 Strobe Mode 1 210–219 Strobe Mode 2 220–248 min Rnd Strobe 249–249 max Rnd Strobe 250–255 open (6)
3	Dimmer	0	0–254 Closed 255–255 Open

16 channels (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–3 open 4–7 gobo 1 1 8–11 gobo 1 2 12–15 gobo 1 3 16–19 gobo 1 4 20–23 gobo 1 5 24–27 gobo 1 6 28–31 gobo 1 7 32–35 gobo 1 8 36–39 gobo 1 9 40–43 gobo 1 10 44–47 gobo 1 11 48–51 gobo 1 12 52–55 gobo 1 13 56–59 gobo 1 14 60–63 gobo 1 15 64–67 gobo 1 16 68–68 >>> 69–112 Spin 100 1% 113–114 Stop 115–158 Spin-1 -100% 159–159 <<< 160–166 Gobo 1 2 167–172 Gobo 1 3 173–179 Gobo 1 4 180–185 Gobo 1 5 186–191 Gobo 1 6 192–198 Gobo 1 7 199–204 Gobo 1 8 205–211 Gobo 1 9 212–217 Gobo 1 10 218–223 Gobo 1 11 224–230 Gobo 1 12 231–236 Gobo 1 13 237–243 Gobo 1 14 244–249 Gobo 1 15 250–255 Gobo 1 16
5	E FFECTWHEEL	0	0–127 open 128–255 Prism 1
6	E FFECTINDEXROTATE	0	0–126 zero 127–127 max CW 128–128 >>> 129–188 Rotate 100 1% 189–197 stop 198–254 Rotate 1 100% 255–255 <<<<
7	E FFECTWHEELPOSITION	0	0–126 min Zoom out 127–127 max Zoom out 128–254 min Zoom In 255–255 max Zoom In
8	Frost1	0	0–254 min Frost 255–255 max Frost
9	Focus	128	0–254 min Focus 255–255 max Focus
10	Pan	128	0–127 min 128–254 home 255–255 max
11	Pan Fine	0	Fine byte of Pan

16 channels (continued)

Ch	Function	Default	DMX values
12	Tilt	128	0–127 min 128–254 home 255–255 max
13	Tilt Fine	0	Fine byte of Tilt
14	E FFECTMACROS	0	0–149 No macro 150–159 Program 1 160–169 Program 2 170–179 Testing Program 180–255 No macro(2)
15	Fixture Global Reset	0	0–69 NoFeature 1 70–79 EffeReset 80–89 PosReset 90–99 Reset All 255–255 safe
16	Lamp Control	0	0–49 safe 50–59 Lamp On 60–69 Lamp Off 70–255 Safe