Vari-Lite

VLZ Profile



Manufacturer	**Vari-Lite**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**61 channels**
Beam angle	**8-50°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**324 × 575 × 270 mm**
GDTF fixture type	**0BDC89E5-71E0-405C-BA70-04…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

Enhanced 16 bit — 61 ch

Enhanced 16 bit

61 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Pan	127	
4	Pan Fine	127	Fine byte of Pan
5	Tilt	127	
6	Tilt Fine	127	Fine byte of Tilt
7	Focus	127	0–254 min Focus 255–255 max Focus
8	Focus Fine	127	Fine byte of Focus
9	Zoom	127	0–127 narrow 128–254 normal 255–255 wide
10	Zoom Fine	127	Fine byte of Zoom
11	Dimmer Curve	0	0–2 NoFeature 1 3–5 Linear 6–10 Square law 11–15 TV 16–20 Architectural 21–50 NoFeature 3 51–55 Edge track on 56–60 Edge track off 61–255 NoFeature 5
12	Cyan	0	
13	Cyan Fine	0	Fine byte of Cyan
14	Yellow	0	
15	Yellow Fine	0	Fine byte of Yellow
16	Magenta	0	
17	Magenta Fine	0	Fine byte of Magenta
18	C TO	0	0–50 Open 6556k 51–101 1/4 6548k 102–152 1/2 5578k 153–203 3/4 3260k 204–255 Full 2823k
19	C TO Fine	0	Fine byte of C TO
20	Color Wheel	0	0–16 open (wheel slot 1) 17–33 wht/red (wheel slot 1) 34–50 red (wheel slot 2) 51–67 red/yel (wheel slot 2) 68–84 yellow (wheel slot 3) 85–101 yel/grn (wheel slot 3) 102–118 kelly green (wheel slot 4) 119–135 grn/mag (wheel slot 4) 136–152 magenta (wheel slot 5) 153–169 mag/amber (wheel slot 5) 170–186 amber (wheel slot 6) 187–203 amber/congo (wheel slot 6) 204–220 congo blue (wheel slot 7) 221–237 congo/wht (wheel slot 7) 238–255 open (3) (wheel slot 1)

Enhanced 16 bit (continued)

Ch	Function	Default	DMX values
21	Color1Mode	0	0–5 Half 6–10 Half ColourWheelShortcutMode: off 11–15 >>> 16–20 off 25–25 <<< 26–56 Half (2) 57–87 Half ColourWheelShortcutMode: off 88–255 NoFeature 1
22	Gobo	0	0–27 open (wheel slot 1) 28–55 leafy breakup (wheel slot 2) 56–83 medium circle (wheel slot 3) 84–111 lattice (wheel slot 4) 112–139 swirl (wheel slot 5) 140–167 radial breakup (wheel slot 6) 168–195 neurons (wheel slot 7) 196–223 grid (wheel slot 8) 224–255 open (2) (wheel slot 1)
23	Gobo1Wheel Mode	0	0–5 Whole 6–10 Whole GoboWheelShortcutMode: off 11–11 >>> 12–15 Spin 100 1% 16–20 stop 21–24 Spin -1 -100% 25–25 <<< 26–56 Whole (2) 57–87 Whole GoboWheelShortcutMode: off 88–255 NoFeature 1
24	Gobo 2	0	0–5 open (wheel slot 1) 6–10 night sky (wheel slot 2) 11–15 circle of ovals (wheel slot 3) 16–20 bricked out (wheel slot 4) 21–25 punch card (wheel slot 5) 26–30 alpha rays (wheel slot 6) 31–35 honeycomb (wheel slot 7) 36–40 on the rocks (wheel slot 8) 41–45 open<> (wheel slot 1) 46–50 night sky<> (wheel slot 2) 51–55 circle of ovals<> (wheel slot 3) 56–60 bricked out<> (wheel slot 4) 61–65 punch card<> (wheel slot 5) 66–70 alpha rays<> (wheel slot 6) 71–75 honeycomb<> (wheel slot 7) 76–80 on the rocks<> (wheel slot 8) 81–85 open (2) (wheel slot 1) 86–90 night sky (2) (wheel slot 2) 91–95 circle of ovals (2) (wheel slot 3) 96–100 bricked out (2) (wheel slot 4) 101–105 punch card (2) (wheel slot 5) 106–110 alpha rays (2) (wheel slot 6) 111–115 honeycomb (2) (wheel slot 7) 116–120 on the rocks (2) (wheel slot 8) 121–255 NoFeature 3
25	Gobo Rotation 2	0	0–126 zero 127–128 stop 129–254 Rotate2 -1 -100% 255–255 max CW
26	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2

Enhanced 16 bit (continued)

Ch	Function	Default	DMX values
27	Gobo2Wheel Mode	0	0–5 Whole2 6–10 Whole2 GoboWheelShortcutMode2: off 11–20 NoFeature 1 21–21 >>> 22–50 Spin2 100 1% 51–60 stop 61–89 Spin2 -1 -100% 90–90 <<< 91–120 Whole2 (2) 121–150 Whole2 GoboWheelShortcutMode2: off 151–180 Whole2 G2WheelOffset Shake2: 0% G2Offset Gob… 181–209 Whole2 GoboWheelShortcutMode2: off G2Wheel… 210–255 NoFeature 2
28	Animation Wheel1	0	0–126 open (wheel slot 1) 127–255 Wheel In (wheel slot 2)
29	A NIMATIONINDEXROTATE	0	0–126 zero 127–127 stop 128–254 Rotate 1 100% 255–255 max CW
30	A NIMATIONINDEXROTATE Fine	0	Fine byte of A NIMATIONINDEXROTATE
31	Animation Index Rotate Mode	0	0–5 on 6–10 off 11–15 min Shake 16–20 AnimationModeSteppedRotate 21–25 NoFeature 4 26–56 Rotate 87–87 max Shake 88–255 NoFeature 7
32	Iris	0	0–254 open Iris 255–255 closed Iris
33	Blade1B	0	0–254 min 1B 255–255 max 1B
34	Blade1B Fine	0	Fine byte of Blade1B
35	Blade1A	0	0–254 min 1A 255–255 max 1A
36	Blade1A Fine	0	Fine byte of Blade1A
37	Blade3B	0	0–254 min 3B 255–255 max 3B
38	Blade3B Fine	0	Fine byte of Blade3B
39	Blade3A	0	0–254 min 3A 255–255 max 3A
40	Blade3A Fine	0	Fine byte of Blade3A
41	Blade2B	0	0–254 min 2B 255–255 max 2B
42	Blade2B Fine	0	Fine byte of Blade2B
43	Blade2A	0	0–254 min 2A 255–255 max 2A
44	Blade2A Fine	0	Fine byte of Blade2A
45	Blade4B	0	0–254 min 4B 255–255 max 4B
46	Blade4B Fine	0	Fine byte of Blade4B
47	Blade4A	0	0–254 min 4A 255–255 max 4A
48	Blade4A Fine	0	Fine byte of Blade4A

Enhanced 16 bit (continued)

Ch	Function	Default	DMX values
49	Shaper Rot	127	0–127 max CCW 128–254 zero 255–255 max CW
50	Shaper Rot Fine	127	Fine byte of Shaper Rot
51	E FFECTWHEEL	0	0–5 open (wheel slot 1) 6–10 3 facet prism (wheel slot 2) 11–15 3 facet prism<> (wheel slot 2) 16–20 3 facet prism Effect<>Mode EffectModeSteppedRota… 21–255 NoFeature 5
52	E FFECTINDEXROTATE	0	0–126 zero 127–127 stop 128–254 Rotate 1 100% 255–255 max CW
53	E FFECTINDEXROTATE Fine	0	Fine byte of E FFECTINDEXROTATE
54	L IGHTFROST	0	0–50 Frost Open 51–100 1/4 Frost 101–150 1/2 Frost 151–199 Full Frost 200–255 Dummy 2
55	Shutter / Strobe	0	0–3 open 4–6 closed 7–31 min Strobe 32–32 max Strobe 33–57 Shutter1StrobeRandom 3 · min Rnd 0.1–9.6 Hz 58–58 Shutter1StrobeRandom 3 · max Rnd 10 Hz 59–83 min Rnd Sync 84–84 max Rnd Sync 85–109 min Pulse Open 110–110 max Pulse Open 111–111 min Rnd Pulse Open 112–135 Rnd Pulse Open 1 100% 136–136 max Rnd Pulse Open 137–137 min Rnd Pulse Open (2) 138–160 Rnd Pulse Open 1 100% (2) 161–161 max Rnd Pulse Open (2) 163–186 min Pulse Open (2) 187–187 max Pulse Open (2) 189–189 min Rnd Pulse Open (3) 190–213 Rnd Pulse Open 1 100% (3) 214–214 max Rnd Pulse Open (3) 215–215 min Rnd Pulse Open (4) 216–238 Rnd Pulse Open 1 100% (4) 239–239 max Rnd Pulse Open (4) 240–255 NoFeature 9
56	Position MSpeed	255	0–252 min Time 253–253 max Time 255–255 Track 100%
57	Zoom MSpeed	255	0–252 min Time 253–253 max Time 255–255 Track 100%
58	Color Mix MSpeed	255	0–252 min Time 253–253 max Time 255–255 Track 100%
59	Frame MSpeed	255	0–252 min Time 253–253 max Time 255–255 Track 100%
60	Gobo Wheel1MSpeed	255	0–252 min Time 253–253 max Time 255–255 Track 100%

Enhanced 16 bit (continued)

Ch	Function	Default	DMX values
61	Fixture Global Reset	0	0–5 NoFeature 1 6–10 Reset 11–20 NoFeature 3 21–25 FixtureSleep 26–30 Display 100% 31–35 Display 0% 36–40 PosReset 41–45 ColWReset 46–50 GW1Reset 51–55 FrmReset 56–60 FocReset 61–65 NoFeature 11 66–70 Reset fixture to defaults 71–75 Full luminaire reboot 76–80 On Off Toggle 81–85 Standard mode 86–90 Studio mode 91–255 NoFeature 15