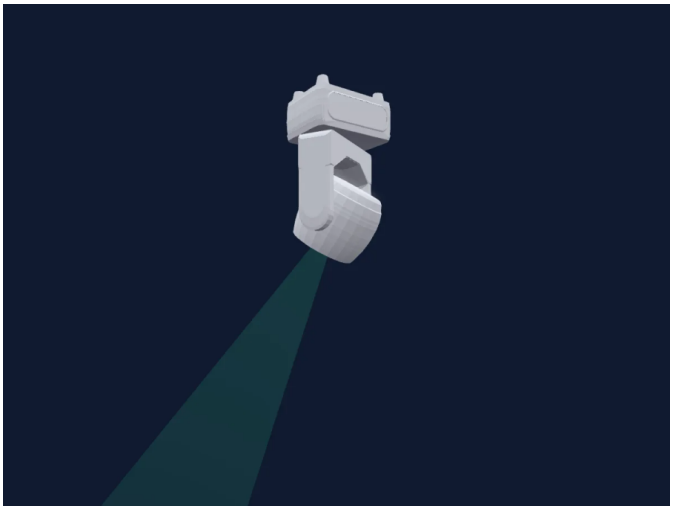
Vari-Lite

VL800 Eventwash



Manufacturer	**Vari-Lite**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**17, 22, 41, 70 channels**
Beam angle	**4-40°**
Pan range	**540°**
Tilt range	**250°**
Heads / cells	**7**
Size (W × H × D)	**180 × 152 × 178 mm**
GDTF fixture type	**E8B67CE4-A90E-416F-8C49-F3…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions

DMX modes

8-Bit 1Cell	17 ch
16-Bit 1Cell	22 ch
8-Bit 7Cell	41 ch
16-Bit 7Cell	70 ch

8-Bit 1Cell

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Pan	127	
3	Pan Fine	255	Fine byte of Pan
4	Tilt	127	
5	Tilt Fine	255	Fine byte of Tilt
6	Zoom	127	
7	Red	255	
8	Green	255	
9	Blue	255	
10	White	255	
11	Color Macro1	0	
12	Strobe Rate	220	
13	Shutter / Strobe	0	0–5 Open - Shutter Open 6–10 Closed - Shutter Closed 11–15 Strobe - Strobe 16–20 Strobe Random - Strobe Random 21–25 Random Sync - Strobe Pulse Random 26–255 Reserved - Custom
14	Position MSpeed	255	
15	Zoom MSpeed	255	
16	Color Mix MSpeed	255	
17	Control1	0	0–5 Idle - Custom 6–10 Full Luminaire ReCal - Reset 11–20 Reserved - Custom 21–25 Fixture Shutdown - Custom 26–30 Display - Menu On - Custom 31–35 Display - Menu Off - Custom 36–40 Dimming Curve Linear - Dimmer 41–45 Dimming Curve S-Curve - Dimmer 46–50 Dimming Curve Square Curve - Dimmer 51–60 Reserved - Custom 61–65 Dimmer Snap On - Custom 66–70 Dimmer Snap Off - Custom 71–75 Color Calibration On - Custom 76–80 Color Calibration Off - Custom 81–85 Standard Mode - Custom 86–90 Studio Mode - Custom 91–100 Whisper Mode - Custom 101–110 Reserved - Custom 111–120 Fan On - Custom 121–130 Fan Auto - Custom 131–255 Reserved - Custom

16-Bit 1Cell

22 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Pan	127	
4	Pan Fine	255	Fine byte of Pan
5	Tilt	127	
6	Tilt Fine	255	Fine byte of Tilt

16-Bit 1Cell (continued)

Ch	Function	Default	DMX values
7	Zoom	127	
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Color Macro1	0	
17	Strobe Rate	220	
18	Shutter / Strobe	0	0–5 Open - Shutter Open 6–10 Closed - Shutter Closed 11–15 Strobe - Strobe 16–20 Strobe Random - Strobe Random 21–25 Random Sync - Strobe Pulse Random 26–255 Reserved - Custom
19	Position MSpeed	255	
20	Zoom MSpeed	255	
21	Color Mix MSpeed	255	
22	Control1	0	0–5 Idle - Custom 6–10 Full Luminaire ReCal - Reset 11–20 Reserved - Custom 21–25 Fixture Shutdown - Custom 26–30 Display - Menu On - Custom 31–35 Display - Menu Off - Custom 36–40 Dimming Curve Linear - Dimmer 41–45 Dimming Curve S-Curve - Dimmer 46–50 Dimming Curve Square Curve - Dimmer 51–60 Reserved - Custom 61–65 Dimmer Snap On - Custom 66–70 Dimmer Snap Off - Custom 71–75 Color Calibration On - Custom 76–80 Color Calibration Off - Custom 81–85 Standard Mode - Custom 86–90 Studio Mode - Custom 91–100 Whisper Mode - Custom 101–110 Reserved - Custom 111–120 Fan On - Custom 121–130 Fan Auto - Custom 131–255 Reserved - Custom

8-Bit 7Cell

41 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Pan	127	
3	Pan Fine	255	Fine byte of Pan
4	Tilt	127	
5	Tilt Fine	255	Fine byte of Tilt
6	Zoom	127	
7	Red	255	
8	Green	255	

8-Bit 7Cell (continued)

Ch	Function	Default	DMX values
9	Blue	255	
10	White	255	
11	Red	255	
12	Green	255	
13	Blue	255	
14	White	255	
15	Red	255	
16	Green	255	
17	Blue	255	
18	White	255	
19	Red	255	
20	Green	255	
21	Blue	255	
22	White	255	
23	Red	255	
24	Green	255	
25	Blue	255	
26	White	255	
27	Red	255	
28	Green	255	
29	Blue	255	
30	White	255	
31	Red	255	
32	Green	255	
33	Blue	255	
34	White	255	
35	Color Macro1	0	
36	Strobe Rate	220	
37	Shutter / Strobe	0	0–5 Open - Shutter Open 6–10 Closed - Shutter Closed 11–15 Strobe - Strobe 16–20 Strobe Random - Strobe Random 21–25 Random Sync - Strobe Pulse Random 26–255 Reserved - Custom
38	Position MSpeed	255	
39	Zoom MSpeed	255	
40	Color Mix MSpeed	255	

8-Bit 7Cell (continued)

Ch	Function	Default	DMX values
41	Control1	0	0–5 Idle - Custom 6–10 Full Luminaire ReCal - Reset 11–20 Reserved - Custom 21–25 Fixture Shutdown - Custom 26–30 Display - Menu On - Custom 31–35 Display - Menu Off - Custom 36–40 Dimming Curve Linear - Dimmer 41–45 Dimming Curve S-Curve - Dimmer 46–50 Dimming Curve Square Curve - Dimmer 51–60 Reserved - Custom 61–65 Dimmer Snap On - Custom 66–70 Dimmer Snap Off - Custom 71–75 Color Calibration On - Custom 76–80 Color Calibration Off - Custom 81–85 Standard Mode - Custom 86–90 Studio Mode - Custom 91–100 Whisper Mode - Custom 101–110 Reserved - Custom 111–120 Fan On - Custom 121–130 Fan Auto - Custom 131–255 Reserved - Custom

16-Bit 7Cell

70 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Pan	127	
4	Pan Fine	255	Fine byte of Pan
5	Tilt	127	
6	Tilt Fine	255	Fine byte of Tilt
7	Zoom	127	
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Red	255	
17	Red Fine	255	Fine byte of Red
18	Green	255	
19	Green Fine	255	Fine byte of Green
20	Blue	255	
21	Blue Fine	255	Fine byte of Blue
22	White	255	
23	White Fine	255	Fine byte of White
24	Red	255	
25	Red Fine	255	Fine byte of Red
26	Green	255	

16-Bit 7Cell (continued)

Ch	Function	Default	DMX values
27	Green Fine	255	Fine byte of Green
28	Blue	255	
29	Blue Fine	255	Fine byte of Blue
30	White	255	
31	White Fine	255	Fine byte of White
32	Red	255	
33	Red Fine	255	Fine byte of Red
34	Green	255	
35	Green Fine	255	Fine byte of Green
36	Blue	255	
37	Blue Fine	255	Fine byte of Blue
38	White	255	
39	White Fine	255	Fine byte of White
40	Red	255	
41	Red Fine	255	Fine byte of Red
42	Green	255	
43	Green Fine	255	Fine byte of Green
44	Blue	255	
45	Blue Fine	255	Fine byte of Blue
46	White	255	
47	White Fine	255	Fine byte of White
48	Red	255	
49	Red Fine	255	Fine byte of Red
50	Green	255	
51	Green Fine	255	Fine byte of Green
52	Blue	255	
53	Blue Fine	255	Fine byte of Blue
54	White	255	
55	White Fine	255	Fine byte of White
56	Red	255	
57	Red Fine	255	Fine byte of Red
58	Green	255	
59	Green Fine	255	Fine byte of Green
60	Blue	255	
61	Blue Fine	255	Fine byte of Blue
62	White	255	
63	White Fine	255	Fine byte of White
64	Color Macro1	0	
65	Strobe Rate	220	
66	Shutter / Strobe	0	0–5 Open - Shutter Open 6–10 Closed - Shutter Closed 11–15 Strobe - Strobe 16–20 Strobe Random - Strobe Random 21–25 Random Sync - Strobe Pulse Random 26–255 Reserved - Custom
67	Position MSpeed	255	
68	Zoom MSpeed	255	

16-Bit 7Cell (continued)

Ch	Function	Default	DMX values
69	Color Mix MSpeed	255	
70	Control1	0	