Vari-Lite

VL800 EventPAR RGBA



Manufacturer	**Vari-Lite**
Type	**Effect light**
DMX modes	**3**
DMX footprint	**4, 9, 14 channels**
Beam angle	**18°**
Size (W × H × D)	**282 × 342 × 65 mm**
GDTF fixture type	**1AFF994E-CDFC-11E9-8DE9-52…**

Controls

Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer

Safety-relevant functions

Fixture reset · Service functions · Strobe

DMX modes

8-Bit Color Mode	4 ch
8-Bit	9 ch
16-Bit	14 ch

8-Bit Color Mode

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	0	

8-Bit

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	0	

8-Bit (continued)

Ch	Function	Default	DMX values
6	Color Wheel	0	0–68 Channel Off - Custom 69–70 Color Off - Custom 71–72 White 10000K - CTC (wheel slot 1) 73–74 White 8000K - CTC (wheel slot 2) 75–76 White 6500K - CTC (wheel slot 3) 77–78 White 5600K - CTC (wheel slot 4) 79–80 White 5000K - CTC (wheel slot 5) 81–82 White 4500K - CTC (wheel slot 6) 83–84 White 4000K - CTC (wheel slot 7) 85–86 White 3200K - CTC (wheel slot 8) 87–88 White 3000K - CTC (wheel slot 9) 89–90 White 2700K - CTC (wheel slot 10) 91–92 Moroccan Pink - Color (wheel slot 11) 93–94 Pink - Color (wheel slot 12) 95–96 Flesh Pink - Color (wheel slot 13) 97–98 Bright Rose - Color (wheel slot 14) 99–100 Follies Pink - Color (wheel slot 15) 101–102 Fuchsia Pink - Color (wheel slot 16) 103–104 Surprise Pink - Color (wheel slot 17) 105–106 Congo Blue - Color (wheel slot 18) 107–108 Blue - Color (wheel slot 19) 109–110 Virgin Blue - Color (wheel slot 20) 111–112 Midnight Maya - Color (wheel slot 21) 113–114 Double C T Blue - Color (wheel slot 22) 115–116 Slate Blue - Color (wheel slot 23) 117–118 Regal Blue - Color (wheel slot 24) 119–120 Full C T Blue - Color (wheel slot 25) 121–122 Steel Blue - Color (wheel slot 26) 123–124 Lighter Blue - Color (wheel slot 27) 125–126 Cyan - Color (wheel slot 28) 127–128 Marine Blue - Color (wheel slot 29) 129–130 Soft Green - Color (wheel slot 30) 131–132 Moss Green - Color (wheel slot 31) 133–134 Green - Color (wheel slot 32) 135–136 Fem Green - Color (wheel slot 33) 137–138 JAS Green - Color (wheel slot 34) 139–140 Pale Green - Color (wheel slot 35) 141–142 Spring Yellow - Color (wheel slot 36) 143–144 Yellow - Color (wheel slot 37) 145–146 Deep Amber - Color (wheel slot 38) 147–148 Chrome Orange - Color (wheel slot 39) 149–150 Orange - Color (wheel slot 40) 151–152 Magenta - Color (wheel slot 41) 153–154 Flame Red - Color (wheel slot 42) 155–156 Purple - Color (wheel slot 43) 157–187 F > S - Rotate CW 188–208 F > S - Rotate CCW 209–229 F > S - Rotate Random 230–255 Channel Off - Custom
7	Strobe Rate	220	
8	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

8-Bit (continued)

Ch	Function	Default	DMX values
9	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

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add RY	0	
10	Color Add RY Fine	0	Fine byte of Color Add RY

16-Bit (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–68 Channel Off - Custom 69–70 Color Off - Custom 71–72 White 10000K - CTC (wheel slot 1) 73–74 White 8000K - CTC (wheel slot 2) 75–76 White 6500K - CTC (wheel slot 3) 77–78 White 5600K - CTC (wheel slot 4) 79–80 White 5000K - CTC (wheel slot 5) 81–82 White 4500K - CTC (wheel slot 6) 83–84 White 4000K - CTC (wheel slot 7) 85–86 White 3200K - CTC (wheel slot 8) 87–88 White 3000K - CTC (wheel slot 9) 89–90 White 2700K - CTC (wheel slot 10) 91–92 Moroccan Pink - Color (wheel slot 11) 93–94 Pink - Color (wheel slot 12) 95–96 Flesh Pink - Color (wheel slot 13) 97–98 Bright Rose - Color (wheel slot 14) 99–100 Follies Pink - Color (wheel slot 15) 101–102 Fuchsia Pink - Color (wheel slot 16) 103–104 Surprise Pink - Color (wheel slot 17) 105–106 Congo Blue - Color (wheel slot 18) 107–108 Blue - Color (wheel slot 19) 109–110 Virgin Blue - Color (wheel slot 20) 111–112 Midnight Maya - Color (wheel slot 21) 113–114 Double C T Blue - Color (wheel slot 22) 115–116 Slate Blue - Color (wheel slot 23) 117–118 Regal Blue - Color (wheel slot 24) 119–120 Full C T Blue - Color (wheel slot 25) 121–122 Steel Blue - Color (wheel slot 26) 123–124 Lighter Blue - Color (wheel slot 27) 125–126 Cyan - Color (wheel slot 28) 127–128 Marine Blue - Color (wheel slot 29) 129–130 Soft Green - Color (wheel slot 30) 131–132 Moss Green - Color (wheel slot 31) 133–134 Green - Color (wheel slot 32) 135–136 Fem Green - Color (wheel slot 33) 137–138 JAS Green - Color (wheel slot 34) 139–140 Pale Green - Color (wheel slot 35) 141–142 Spring Yellow - Color (wheel slot 36) 143–144 Yellow - Color (wheel slot 37) 145–146 Deep Amber - Color (wheel slot 38) 147–148 Chrome Orange - Color (wheel slot 39) 149–150 Orange - Color (wheel slot 40) 151–152 Magenta - Color (wheel slot 41) 153–154 Flame Red - Color (wheel slot 42) 155–156 Purple - Color (wheel slot 43) 157–187 F > S - Rotate CW 188–208 F > S - Rotate CCW 209–229 F > S - Rotate Random 230–255 Channel Off - Custom
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

16-Bit (continued)

Ch	Function	Default	DMX values
14	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