Vari-Lite

VL6500 Wash



Manufacturer	**Vari-Lite**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**20 channels**
Beam angle	**16.2°**
Pan range	**540°**
Tilt range	**208°**
Size (W × H × D)	**540 × 483 × 406 mm**
GDTF fixture type	**1B932B7E-CE2A-11E9-8DE9-52…**

Controls

Extra LED colours · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt

Safety-relevant functions

Lamp on and off · Fixture reset · Service functions · Strobe

DMX modes

16Bit 20 ch

16Bit

20 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	Color RGBCyan	0	
7	Color RGBYellow	0	
8	Color RGBMagenta	0	
9	C TO	0	
10	Color Wheel	0	0–18 Open - Color (wheel slot 1) 19–54 Red - Color (wheel slot 2) 55–91 Spring Yellow - Color (wheel slot 3) 92–128 Lavender - Color (wheel slot 4) 129–165 1/2 Minus Green - Color (wheel slot 5) 166–202 Kelly Green - Color (wheel slot 6) 203–239 Congo - Color (wheel slot 7) 240–255 Open - Color (wheel slot 1)
11	Color1Mode	0	0–5 Linear Movt Using Shortest Path - Speed 6–10 Linear Movt Using Normal Path - Speed 11–15 F > S - Rotate CW 16–20 Stop - Stop Loop 21–25 S > F - Rotate CCW 26–56 Color Shake Quickest Path S > F - Gobo Shake 57–87 Color Shake Normal Path S > F - Gobo Shake 88–255 Reserved - Custom
12	Color Wheel 2	0	0–18 Open - Color (wheel slot 1) 19–54 Blue - Color (wheel slot 2) 55–91 Flesh Pink - Color (wheel slot 3) 92–128 Dark Fuchsia - Color (wheel slot 4) 129–165 1/4 Minus Green - Color (wheel slot 5) 166–202 Green - Color (wheel slot 6) 203–239 Orange - Color (wheel slot 7) 240–255 Open - Color (wheel slot 1)
13	Color2Mode	0	0–5 Linear Movt Using Shortest Path - Speed 6–10 Linear Movt Using Normal Path - Speed 11–15 F > S - Rotate CW 16–20 Stop - Stop Loop 21–25 S > F - Rotate CCW 26–56 Color Shake Quickest Path S > F - Gobo Shake 57–87 Color Shake Normal Path S > F - Gobo Shake 88–255 Reserved - Custom
14	Color3	0	0–5 Ignore - Custom 6–255 Color Presets - Color
15	Color3Mode	0	0–0 Idle - Custom 1–255 F > S - Speed
16	Color Effects1	0	
17	Strobe Rate	0	
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

16Bit (continued)

Ch	Function	Default	DMX values
19	Control1	0	0–10 Idle - Custom 11–20 Standard Color Mode - Custom 21–30 Ext Color Ctrl Range Mode - Custom 31–40 Dimmer Snap Off - Custom 41–50 Dimmer Snap On - Custom 51–60 Color Snap Off - Custom 61–255 Color Snap On - Custom
20	Function	0	0–5 Idle - Custom 6–10 Full Luminaire ReCal - Reset 11–15 Lamp On - Lamp on 16–20 Lamp Off - Lamp off 21–25 Fixture Shutdown - Custom 26–30 Display Menu On - Custom 31–35 Display Menu Off - Custom 36–40 ReCal Position - Reset 41–45 ReCal Color - Reset 46–50 Reserved - Custom 51–55 ReCal Diffusion - Reset 56–60 ReCal Dimmer/Strobe - Reset 61–65 ReCal Fixture To Defaults - Reset 66–70 Full Luminaire Reboot - Reset 71–75 Fixture Status On/Off - Custom 76–85 Reserved - Custom 86–90 P/T Normal - Movement 91–95 P/T Fast - Movement 96–255 Reserved - Custom