LPL

ACME GEIST BSWF (XA-500 BSWF)



Manufacturer	**LPL**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**25, 29, 34 channels**
Beam angle	**6.5-54°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**257 × 458 × 252 mm**
GDTF fixture type	**DD220955-0FA8-4103-BB7C-15…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Strobe

DMX modes

25 DMX	25 ch
29 DMX	29 ch
34 DMX	34 ch

25 DMX

25 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	P TSpeed	0	
6	Red	0	
7	Green	0	
8	Blue	0	
9	C TO	0	0–31 6500K (wheel slot 1) 32–63 6100K (wheel slot 2) 64–95 5600K (wheel slot 3) 96–127 5200K (wheel slot 4) 128–159 4800K (wheel slot 5) 160–191 4300K (wheel slot 6) 192–223 3800K (wheel slot 7) 224–254 3300K (wheel slot 8) 255–255 2800K (wheel slot 9)
10	Color Wheel	0	0–9 Open (wheel slot 1) 10–18 Color 1 (wheel slot 2) 19–27 Color 2 (wheel slot 3) 28–36 Color 3 (wheel slot 4) 37–45 Color 4 (wheel slot 5) 46–63 Color 5 (wheel slot 6) 64–127 Color1 Index 128–188 max CCW 189–189 CCW 190–193 Stop 194–254 CW 255–255 max CW
11	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–72 Gobo 1 Shake (wheel slot 2) 73–81 Gobo 2 Shake (wheel slot 3) 82–90 Gobo 3 Shake (wheel slot 4) 91–99 Gobo 4 Shake (wheel slot 5) 100–108 Gobo 5 Shake (wheel slot 6) 109–117 Gobo 6 Shake (wheel slot 7) 118–127 Gobo 7 Shake (wheel slot 8) 128–188 max CCW 189–189 CCW 190–193 Stop 194–254 CW 255–255 max CW
12	Gobo Rotation	0	0–0 Open 1–127 Gobo1Index 128–188 max CCW 189–189 CCW 190–193 Stop 194–254 CW 255–255 max CW

25 DMX (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–71 Gobo1Shake (wheel slot 2) 72–79 Gobo2 Shake (wheel slot 3) 80–87 Gobo3 Shake (wheel slot 4) 88–95 Gobo4 Shake (wheel slot 5) 96–103 Gobo5 Shake (wheel slot 6) 104–111 Gobo6 Shake (wheel slot 7) 112–119 Gobo7 Shake (wheel slot 8) 120–127 Gobo8 Shake (wheel slot 9) 128–188 max CCW 189–189 CCW 190–193 Stop 194–254 CW 255–255 max CW
14	Iris	0	
15	Prism	0	0–7 Open 11–255 Prism1 (wheel slot 2)
16	Prism Rotation	0	0–0 Open 1–127 Prism Index 128–188 max CCW 189–189 CCW 190–193 Stop 194–254 CW 255–255 max CW
17	C RI	0	0–7 Open 8–255 CRI
18	Frost1	0	
19	Frost2	0	
20	Zoom	128	
21	Focus	156	
22	Shutter / Strobe	12	0–7 Closed 8–15 Open 1 16–130 min Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 182–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open 4 240–247 Strobe Ran 248–255 Open 5
23	Dimmer	0	
24	Dimmer Fine	0	Fine byte of Dimmer

25 DMX (continued)

Ch	Function	Default	DMX values
25	Function	0	0–29 No Feature 1 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–79 Standard 80–89 Quiet 90–99 No Feature 2 100–109 Frequency Setting 110–119 Frequency Disable 120–129 NoFeature 3 130–139 Focus Disable 140–149 Focus Near 150–159 Focus Medium 160–169 Focus Far 170–179 NoFeature 4 180–189 Dimmer Fast 190–199 Dim Smooth 200–209 All Reset 210–219 Eff Reset 220–229 PT Reset 230–255 NoFeature 4

29 DMX

29 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	P TSpeed	0	
6	Red	0	
7	Green	0	
8	Blue	0	
9	C TO	0	0–31 6500K (wheel slot 1) 32–63 6100K (wheel slot 2) 64–95 5600K (wheel slot 3) 96–127 5200K (wheel slot 4) 128–159 4800K (wheel slot 5) 160–191 4300K (wheel slot 6) 192–223 3800K (wheel slot 7) 224–254 3300K (wheel slot 8) 255–255 2800K (wheel slot 9)
10	Color Wheel	0	0–9 Open (wheel slot 1) 10–18 Color 1 (wheel slot 2) 19–27 Color 2 (wheel slot 3) 28–36 Color 3 (wheel slot 4) 37–45 Color 4 (wheel slot 5) 46–63 Color 5 (wheel slot 6) 64–127 Color1 Index 128–128 max CCW 129–189 CCW 190–193 Stop 194–254 CW 255–255 max CW
11	Iris	0	

29 DMX (continued)

Ch	Function	Default	DMX values
12	C RI	0	0–7 Open 8–255 CRI
13	Frost1	0	
14	Frost2	0	
15	Zoom	128	
16	Focus	156	
17	Shutter / Strobe	12	0–7 Closed 8–15 Open 1 16–130 min Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 182–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open 4 240–247 Strobe Ran 248–255 Open 5
18	Dimmer	0	
19	Dimmer Fine	0	Fine byte of Dimmer
20	Blade1Rot	0	
21	Blade1A	0	
22	Blade1B	0	
23	Blade2A	0	
24	Blade2B	0	
25	Blade3A	0	
26	Blade3B	0	
27	Blade4A	0	
28	Blade4B	0	
29	Function	0	0–29 No Feature 1 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–79 Standard 80–89 Quiet 90–99 No Feature 2 100–109 Frequency Setting 110–119 Frequency Disable 120–129 NoFeature 3 130–139 Focus Disable 140–149 Focus Near 150–159 Focus Medium 160–169 Focus Far 170–179 NoFeature 4 180–189 Dimmer Fast 190–199 Dim Smooth 200–209 All Reset 210–219 Eff Reset 220–229 PT Reset 230–255 NoFeature 4

34 DMX

34 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	P TSpeed	0	
6	Red	0	
7	Green	0	
8	Blue	0	
9	C TO	0	0–31 6500K (wheel slot 1) 32–63 6100K (wheel slot 2) 64–95 5600K (wheel slot 3) 96–127 5200K (wheel slot 4) 128–159 4800K (wheel slot 5) 160–191 4300K (wheel slot 6) 192–223 3800K (wheel slot 7) 224–254 3300K (wheel slot 8) 255–255 2800K (wheel slot 9)
10	Color Wheel	0	0–9 Open (wheel slot 1) 10–18 Color 1 (wheel slot 2) 19–27 Color 2 (wheel slot 3) 28–36 Color 3 (wheel slot 4) 37–45 Color 4 (wheel slot 5) 46–63 Color 5 (wheel slot 6) 64–127 Color1 Index 128–188 max CCW 189–189 CCW 190–193 Stop 194–254 CW 255–255 max CW
11	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–72 Gobo 1 Shake (wheel slot 2) 73–81 Gobo 2 Shake (wheel slot 3) 82–90 Gobo 3 Shake (wheel slot 4) 91–99 Gobo 4 Shake (wheel slot 5) 100–108 Gobo 5 Shake (wheel slot 6) 109–117 Gobo 6 Shake (wheel slot 7) 118–127 Gobo 7 Shake (wheel slot 8) 128–188 max CCW 189–189 CCW 190–193 Stop 194–254 CW 255–255 max CW
12	Gobo Rotation	0	0–0 Open 1–127 Gobo1Index 128–188 max CCW 189–189 CCW 190–193 Stop 194–254 CW 255–255 max CW

34 DMX (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–71 Gobo1Shake (wheel slot 2) 72–79 Gobo2 Shake (wheel slot 3) 80–87 Gobo3 Shake (wheel slot 4) 88–95 Gobo4 Shake (wheel slot 5) 96–103 Gobo5 Shake (wheel slot 6) 104–111 Gobo6 Shake (wheel slot 7) 112–119 Gobo7 Shake (wheel slot 8) 120–127 Gobo8 Shake (wheel slot 9) 128–188 max CCW 189–189 CCW 190–193 Stop 194–254 CW 255–255 max CW
14	Iris	0	
15	Prism	0	0–7 Open 11–255 Prism1 (wheel slot 2)
16	Prism Rotation	0	0–0 Open 1–127 Prism Index 128–188 max CCW 189–189 CCW 190–193 Stop 194–254 CW 255–255 max CW
17	C RI	0	0–7 Open 8–255 CRI
18	Frost1	0	
19	Frost2	0	
20	Zoom	128	
21	Focus	156	
22	Shutter / Strobe	12	0–7 Closed 8–15 Open 1 16–130 min Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 182–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open 4 240–247 Strobe Ran 248–255 Open 5
23	Dimmer	0	
24	Dimmer Fine	0	Fine byte of Dimmer
25	Blade1Rot	0	
26	Blade1A	0	
27	Blade1B	0	
28	Blade2A	0	

34 DMX (continued)

Ch	Function	Default	DMX values
29	Blade2B	0	
30	Blade3A	0	
31	Blade3B	0	
32	Blade4A	0	
33	Blade4B	0	
34	Function	0	0–29 No Feature 1 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–79 Standard 80–89 Quiet 90–99 No Feature 2 100–109 Frequency Setting 110–119 Frequency Disable 120–129 NoFeature 3 130–139 Focus Disable 140–149 Focus Near 150–159 Focus Medium 160–169 Focus Far 170–179 NoFeature 4 180–189 Dimmer Fast 190–199 Dim Smooth 200–209 All Reset 210–219 Eff Reset 220–229 PT Reset 230–255 NoFeature 4