SHEHDS

LED Beam+Wash Big Bees Eyes 19x40W RGBW Zoom Lighting



Manufacturer	**SHEHDS**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**31, 33, 109 channels**
Beam angle	**4-45°**
Pan range	**540°**
Tilt range	**250°**
Heads / cells	**21**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**E6E36662-6917-5ABB-9C5C-9D…**

Controls

Prism rotation · Zoom · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

31 Channels Mode	31 ch
33 Channels Mode	33 ch
109 Channels Mode	109 ch

31 Channels Mode

31 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Zoom	0	
7	Prism Rotation	0	0–1 Not printed in the chart 2–127 0-60° 128–155 Not printed in the chart 156–205 Clockwise Barrel Roll 206–255 Anti clockwise Barrel Roll
8	Dimmer	0	
9	Shutter / Strobe	0	0–3 Open 4–203 Strobe1 · 1Hz to 25Hz 1–25 Hz 204–255 Random Strobe
10	Red	0	
11	Green	0	
12	Blue	0	
13	White	0	
14	No Feature	0	0–15 None 16–195 Linear Color change 196–255 Color temp 2800K to 8000K
15	Color Macro1	0	

31 Channels Mode (continued)

Ch	Function	Default	DMX values
16	Effect	0	0–9 None 10–12 Single color effect 1 13–15 Single color effect 2 16–18 Single color effect 3 19–21 Single color effect 4 22–24 Single color effect 5 25–27 Single color effect 6 28–30 Single color effect 7 31–33 Single color effect 8 34–36 Single color effect 9 37–39 Single color effect 10 40–42 Single color effect 11 43–45 Single color effect 12 46–48 Single color effect 13 49–51 Single color effect 14 52–54 Single color effect 15 55–57 Single color effect 16 58–60 Single color effect 17 61–63 Single color effect 18 64–66 Single color effect 19 67–69 Single color effect 20 70–72 Single color effect 21 73–75 Single color effect 22 76–78 Single color effect 23 79–81 Single color effect 24 82–84 Single color effect 25 85–87 Single color effect 26 88–90 Single color effect 27 91–93 Single color effect 28 94–96 Single color effect 29 97–99 Single color effect 30 100–102 Single color effect 31 103–105 Single color effect 32 106–108 Single color effect 33 109–111 Single color effect 34 112–114 Single color effect 35 115–117 Single color effect 36 118–120 Single color effect 37 121–123 Single color effect 38 124–126 Single color effect 39 127–129 Single color effect 40 130–132 Single color effect 41 133–135 Single color effect 42 136–138 Single color effect 43 139–141 Single color effect 44 142–144 Single color effect 45 145–147 Single color effect 46 148–150 Single color effect 47 151–153 Single color effect 48 154–156 Single color effect 49 157–159 Single color effect 50 160–162 Single color effect 51 163–165 Single color effect 52 166–168 Single color effect 53 169–171 Single color effect 54 172–174 Single color effect 55 175–177 Single color effect 56 178–180 Single color effect 57 181–183 Single color effect 58 184–186 Single color effect 59 187–189 Single color effect 60 190–192 Single color effect 61 193–195 Single color effect 62 196–198 Single color effect 63

31 Channels Mode (continued)

Ch	Function	Default	DMX values
17	Effect 2	0	0–9 None 10–14 Single color dynamic effect 1 15–19 Single color dynamic effect 2 20–24 Single color dynamic effect 3 25–29 Single color dynamic effect 4 30–34 Single color dynamic effect 5 35–39 Single color dynamic effect 6 40–44 Single color dynamic effect 7 45–49 Single color dynamic effect 8 50–54 Single color dynamic effect 9 55–59 Single color dynamic effect 10 60–64 Single color dynamic effect 11 65–69 Single color dynamic effect 12 70–74 Single color dynamic effect 13 75–79 Single color dynamic effect 14 80–84 Single color dynamic effect 15 85–89 Single color dynamic effect 16 90–94 Single color dynamic effect 17 95–99 Single color dynamic effect 18 100–104 Single color dynamic effect 19 105–109 Single color dynamic effect 20 110–114 Single color dynamic effect 21 115–119 Single color dynamic effect 22 120–124 Single color dynamic effect 23 125–129 Single color dynamic effect 24 130–134 Single color dynamic effect 25 135–139 Single color dynamic effect 26 140–144 Single color dynamic effect 27 145–149 Single color dynamic effect 28 150–154 Single color dynamic effect 29 155–159 Single color dynamic effect 30 160–164 Mixing color dynamic effect 1 165–169 Mixing color dynamic effect 2 170–174 Mixing color dynamic effect 3 175–179 Mixing color dynamic effect 4 180–184 Mixing color dynamic effect 5 185–189 Mixing color dynamic effect 6 190–194 Mixing color dynamic effect 7 195–199 Mixing color dynamic effect 8 200–204 Mixing color dynamic effect 9 205–209 Mixing color dynamic effect 10 210–214 Mixing color dynamic effect 11 215–219 Mixing color dynamic effect 12 220–224 Mixing color dynamic effect 13 225–255 Mixing color dynamic effect 14
18	Effect Speed 2	0	0–127 Clockwise Rotation 128–255 Anti clockwise Rotation
19	Red	0	
20	Green	0	
21	Blue	0	
22	White	0	
23	Fixture Global Reset	0	0–250 No function 251–255 System reset after 5s
24	Shutter / Strobe 2	0	0–0 Strobe off (assumed) 1–255 Ring Strobe
25	Red	0	
26	Green	0	
27	Blue	0	
28	Effect 3	0	

31 Channels Mode (continued)

Ch	Function	Default	DMX values
29	Effect Speed 3	0	
30	Effects3Adjust1	0	
31	Effects3Adjust2	0	

33 Channels Mode

33 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Zoom	0	
7	Prism Rotation	0	0–1 Not printed in the chart 2–127 0-60° 128–155 Not printed in the chart 156–205 Clockwise Barrel Roll 206–255 Anti clockwise Barrel Roll
8	Dimmer	0	
9	Shutter / Strobe	0	0–3 Open 4–203 Strobe1 · 1Hz to 25Hz 1–25 Hz 204–255 Random Strobe
10	Red	0	
11	Green	0	
12	Blue	0	
13	White	0	
14	No Feature	0	0–15 None 16–195 Linear Color change 196–255 Color temp 2800K to 8000K
15	Color Macro1	0	
16	Effects2Fade	0	
17	Effects2Adjust1	0	

33 Channels Mode (continued)

Ch	Function	Default	DMX values
18	Effect	0	0–9 None 10–12 Single color effect 1 13–15 Single color effect 2 16–18 Single color effect 3 19–21 Single color effect 4 22–24 Single color effect 5 25–27 Single color effect 6 28–30 Single color effect 7 31–33 Single color effect 8 34–36 Single color effect 9 37–39 Single color effect 10 40–42 Single color effect 11 43–45 Single color effect 12 46–48 Single color effect 13 49–51 Single color effect 14 52–54 Single color effect 15 55–57 Single color effect 16 58–60 Single color effect 17 61–63 Single color effect 18 64–66 Single color effect 19 67–69 Single color effect 20 70–72 Single color effect 21 73–75 Single color effect 22 76–78 Single color effect 23 79–81 Single color effect 24 82–84 Single color effect 25 85–87 Single color effect 26 88–90 Single color effect 27 91–93 Single color effect 28 94–96 Single color effect 29 97–99 Single color effect 30 100–102 Single color effect 31 103–105 Single color effect 32 106–108 Single color effect 33 109–111 Single color effect 34 112–114 Single color effect 35 115–117 Single color effect 36 118–120 Single color effect 37 121–123 Single color effect 38 124–126 Single color effect 39 127–129 Single color effect 40 130–132 Single color effect 41 133–135 Single color effect 42 136–138 Single color effect 43 139–141 Single color effect 44 142–144 Single color effect 45 145–147 Single color effect 46 148–150 Single color effect 47 151–153 Single color effect 48 154–156 Single color effect 49 157–159 Single color effect 50 160–162 Single color effect 51 163–165 Single color effect 52 166–168 Single color effect 53 169–171 Single color effect 54 172–174 Single color effect 55 175–177 Single color effect 56 178–180 Single color effect 57 181–183 Single color effect 58 184–186 Single color effect 59 187–189 Single color effect 60 190–192 Single color effect 61 193–195 Single color effect 62 196–198 Single color effect 63

33 Channels Mode (continued)

Ch	Function	Default	DMX values
19	Effect 2	0	0–9 None 10–14 Single color dynamic effect 1 15–19 Single color dynamic effect 2 20–24 Single color dynamic effect 3 25–29 Single color dynamic effect 4 30–34 Single color dynamic effect 5 35–39 Single color dynamic effect 6 40–44 Single color dynamic effect 7 45–49 Single color dynamic effect 8 50–54 Single color dynamic effect 9 55–59 Single color dynamic effect 10 60–64 Single color dynamic effect 11 65–69 Single color dynamic effect 12 70–74 Single color dynamic effect 13 75–79 Single color dynamic effect 14 80–84 Single color dynamic effect 15 85–89 Single color dynamic effect 16 90–94 Single color dynamic effect 17 95–99 Single color dynamic effect 18 100–104 Single color dynamic effect 19 105–109 Single color dynamic effect 20 110–114 Single color dynamic effect 21 115–119 Single color dynamic effect 22 120–124 Single color dynamic effect 23 125–129 Single color dynamic effect 24 130–134 Single color dynamic effect 25 135–139 Single color dynamic effect 26 140–144 Single color dynamic effect 27 145–149 Single color dynamic effect 28 150–154 Single color dynamic effect 29 155–159 Single color dynamic effect 30 160–164 Mixing color dynamic effect 1 165–169 Mixing color dynamic effect 2 170–174 Mixing color dynamic effect 3 175–179 Mixing color dynamic effect 4 180–184 Mixing color dynamic effect 5 185–189 Mixing color dynamic effect 6 190–194 Mixing color dynamic effect 7 195–199 Mixing color dynamic effect 8 200–204 Mixing color dynamic effect 9 205–209 Mixing color dynamic effect 10 210–214 Mixing color dynamic effect 11 215–219 Mixing color dynamic effect 12 220–224 Mixing color dynamic effect 13 225–255 Mixing color dynamic effect 14
20	Effect Speed 2	0	0–127 Clockwise Rotation 128–255 Anti clockwise Rotation
21	Red	0	
22	Green	0	
23	Blue	0	
24	White	0	
25	Fixture Global Reset	0	0–250 No function 251–255 System reset after 5s
26	Shutter / Strobe 2	0	0–0 Strobe off (assumed) 1–255 Ring Strobe
27	Red	0	
28	Green	0	
29	Blue	0	
30	Effect 3	0	

33 Channels Mode (continued)

Ch	Function	Default	DMX values
31	Effect Speed 3	0	
32	Effects3Adjust1	0	
33	Effects3Adjust2	0	

109 Channels Mode

109 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Zoom	0	
7	Prism Rotation	0	
8	Dimmer	0	
9	Shutter / Strobe	0	0–3 Open 4–203 Strobe1 · 1Hz to 25Hz 1–25 Hz 204–255 Random Strobe
10	Red	0	
11	Green	0	
12	Blue	0	
13	White	0	
14	C TO	0	
15	Color Macro1	0	
16	Effects2Fade	0	
17	Effects2Adjust1	0	

109 Channels Mode (continued)

Ch	Function	Default	DMX values
18	Effect	0	0–9 None 10–12 Single color effect 1 13–15 Single color effect 2 16–18 Single color effect 3 19–21 Single color effect 4 22–24 Single color effect 5 25–27 Single color effect 6 28–30 Single color effect 7 31–33 Single color effect 8 34–36 Single color effect 9 37–39 Single color effect 10 40–42 Single color effect 11 43–45 Single color effect 12 46–48 Single color effect 13 49–51 Single color effect 14 52–54 Single color effect 15 55–57 Single color effect 16 58–60 Single color effect 17 61–63 Single color effect 18 64–66 Single color effect 19 67–69 Single color effect 20 70–72 Single color effect 21 73–75 Single color effect 22 76–78 Single color effect 23 79–81 Single color effect 24 82–84 Single color effect 25 85–87 Single color effect 26 88–90 Single color effect 27 91–93 Single color effect 28 94–96 Single color effect 29 97–99 Single color effect 30 100–102 Single color effect 31 103–105 Single color effect 32 106–108 Single color effect 33 109–111 Single color effect 34 112–114 Single color effect 35 115–117 Single color effect 36 118–120 Single color effect 37 121–123 Single color effect 38 124–126 Single color effect 39 127–129 Single color effect 40 130–132 Single color effect 41 133–135 Single color effect 42 136–138 Single color effect 43 139–141 Single color effect 44 142–144 Single color effect 45 145–147 Single color effect 46 148–150 Single color effect 47 151–153 Single color effect 48 154–156 Single color effect 49 157–159 Single color effect 50 160–162 Single color effect 51 163–165 Single color effect 52 166–168 Single color effect 53 169–171 Single color effect 54 172–174 Single color effect 55 175–177 Single color effect 56 178–180 Single color effect 57 181–183 Single color effect 58 184–186 Single color effect 59 187–189 Single color effect 60 190–192 Single color effect 61 193–195 Single color effect 62 196–198 Single color effect 63

109 Channels Mode (continued)

Ch	Function	Default	DMX values
19	Effect 2	0	0–9 None 10–14 Single color dynamic effect 1 15–19 Single color dynamic effect 2 20–24 Single color dynamic effect 3 25–29 Single color dynamic effect 4 30–34 Single color dynamic effect 5 35–39 Single color dynamic effect 6 40–44 Single color dynamic effect 7 45–49 Single color dynamic effect 8 50–54 Single color dynamic effect 9 55–59 Single color dynamic effect 10 60–64 Single color dynamic effect 11 65–69 Single color dynamic effect 12 70–74 Single color dynamic effect 13 75–79 Single color dynamic effect 14 80–84 Single color dynamic effect 15 85–89 Single color dynamic effect 16 90–94 Single color dynamic effect 17 95–99 Single color dynamic effect 18 100–104 Single color dynamic effect 19 105–109 Single color dynamic effect 20 110–114 Single color dynamic effect 21 115–119 Single color dynamic effect 22 120–124 Single color dynamic effect 23 125–129 Single color dynamic effect 24 130–134 Single color dynamic effect 25 135–139 Single color dynamic effect 26 140–144 Single color dynamic effect 27 145–149 Single color dynamic effect 28 150–154 Single color dynamic effect 29 155–159 Single color dynamic effect 30 160–164 Mixing color dynamic effect 1 165–169 Mixing color dynamic effect 2 170–174 Mixing color dynamic effect 3 175–179 Mixing color dynamic effect 4 180–184 Mixing color dynamic effect 5 185–189 Mixing color dynamic effect 6 190–194 Mixing color dynamic effect 7 195–199 Mixing color dynamic effect 8 200–204 Mixing color dynamic effect 9 205–209 Mixing color dynamic effect 10 210–214 Mixing color dynamic effect 11 215–219 Mixing color dynamic effect 12 220–224 Mixing color dynamic effect 13 225–255 Mixing color dynamic effect 14
20	Effect Speed 2	0	
21	Red	0	
22	Green	0	
23	Blue	0	
24	White	0	
25	Fixture Global Reset	0	
26	Red	0	
27	Green	0	
28	Blue	0	
29	White	0	
30	Red	0	
31	Green	0	
32	Blue	0	

109 Channels Mode (continued)

Ch	Function	Default	DMX values
33	White	0	
34	Red	0	
35	Green	0	
36	Blue	0	
37	White	0	
38	Red	0	
39	Green	0	
40	Blue	0	
41	White	0	
42	Red	0	
43	Green	0	
44	Blue	0	
45	White	0	
46	Red	0	
47	Green	0	
48	Blue	0	
49	White	0	
50	Red	0	
51	Green	0	
52	Blue	0	
53	White	0	
54	Red	0	
55	Green	0	
56	Blue	0	
57	White	0	
58	Red	0	
59	Green	0	
60	Blue	0	
61	White	0	
62	Red	0	
63	Green	0	
64	Blue	0	
65	White	0	
66	Red	0	
67	Green	0	
68	Blue	0	
69	White	0	
70	Red	0	
71	Green	0	
72	Blue	0	
73	White	0	
74	Red	0	
75	Green	0	
76	Blue	0	
77	White	0	

109 Channels Mode (continued)

Ch	Function	Default	DMX values
78	Red	0	
79	Green	0	
80	Blue	0	
81	White	0	
82	Red	0	
83	Green	0	
84	Blue	0	
85	White	0	
86	Red	0	
87	Green	0	
88	Blue	0	
89	White	0	
90	Red	0	
91	Green	0	
92	Blue	0	
93	White	0	
94	Red	0	
95	Green	0	
96	Blue	0	
97	White	0	
98	Red	0	
99	Green	0	
100	Blue	0	
101	White	0	
102	Shutter / Strobe 2	0	0–0 Strobe off (assumed) 1–255 Ring Strobe
103	Red	0	
104	Green	0	
105	Blue	0	
106	Effect 3	0	
107	Effect Speed 3	0	
108	Effects3Adjust1	0	
109	Effects3Adjust2	0	

Fixture model: gdtf-shehds-led-beam-wash-big-bees-eyes-19x40w-rgbw-zoom-lighting-202611148207
Creator: HitLight
Modifications: Original HitLight 3D housing: scripted parametric geometry modelled by HitLight from public product photos and the manufactu...