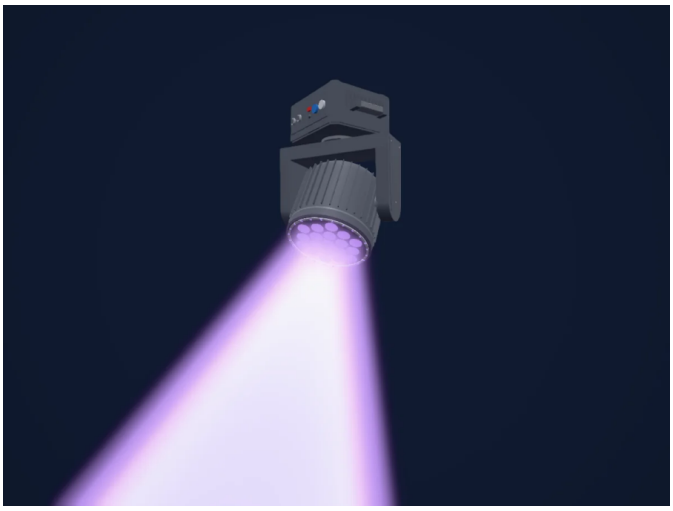
SHEHDS

Waterproof Pixel LED Beam+Wash 19x20W RGBLAC Zoom Moving Head Light With



Manufacturer	**SHEHDS**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**30, 50 channels**
Beam angle	**7.25-64.7°**
Pan range	**540°**
Tilt range	**190°**
Heads / cells	**6**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**AE57DC14-5A94-502E-A32E-E7…**

Controls

Zoom · Extra LED colours · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Built-in effect programmes

DMX modes

30 Channels Mode	30 ch
50 Channels Mode	50 ch

30 Channels Mode

30 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	
4	Dimmer	0	
5	Shutter / Strobe	104	0–3 Off 4–103 Strobe speeds from slow to fast 1–25 Hz 104–107 Light up 108–207 Strobe speeds from slow to fast 1–25 Hz 208–212 Light up 213–251 Random strobinge 252–255 Light up
6	Red	0	
7	Green	0	
8	Blue	0	
9	Color Add GY	0	
10	Amber	0	
11	Color Add C	0	
12	Zoom	0	
13	Color Macro1	0	0–9 None 10–19 Red 20–29 Green 30–39 Blue 40–49 Lemon 50–59 Yellow 60–69 Purple 70–79 Sky Blue 80–89 Ivory Lemon 90–99 Siena Color 100–109 Cinnamon 110–119 Orange 120–129 Scarlet 130–139 Cherry Red 140–149 Raspberry Red 150–159 Lavender 160–169 Magenta 170–179 Grape Purple 180–189 Bright Purple 190–199 Egyptian Blue 200–209 Bright Blue 210–219 Just Blue 220–229 Light Blue 230–239 Electric Blue 240–249 Sea Blue 250–255 Light Blue
14	C TO	0	

30 Channels Mode (continued)

Ch	Function	Default	DMX values
15	Control1	0	0–10 None 11–20 Linear curve dimming 21–30 Inverse Square Curve Dimming 31–40 Square Curve Dimming 41–50 S-shaped curve dimming 51–80 None 81–90 Automatic mode, speed changes from slow to fast 91–100 Audio Mode 101–110 None 111–120 Horizontal Reverse: Open 121–130 Horizontal Reversal: Close 131–140 Vertical Reverse: Open 141–150 Vertical Reverse: Close 151–160 Reset all motors 161–255 None
16	Dimmer	0	
17	Shutter / Strobe 2	0	0–49 On 50–200 Synchronous strobe 1–25 Hz 201–210 On 211–255 Random flicker
18	Red	0	
19	Green	0	
20	Blue	0	
21	Effect 2	0	0–19 None 20–22 Ring Effect 1 23–25 Ring Effect 2 26–28 Ring Effect 3 29–247 Ring Effect 4-71 (printed ".....") 248–250 Ring Effect 72 251–255 Ring Effect 73
22	Effect Speed 2	0	
23	Dimmer	0	
24	Shutter / Strobe 3	0	0–49 Off 50–200 Synchronous strobe 1–25 Hz 201–210 Off 211–255 Random strobe
25	Red	0	
26	Green	0	
27	Blue	0	

30 Channels Mode (continued)

Ch	Function	Default	DMX values
28	Color Macro2	0	0–9 None 10–19 Red 20–29 Green 30–39 Blue 40–49 white 50–59 yellow 60–69 purple 70–79 ching 80–89 sky blue 90–99 Siena color 100–109 amber 110–119 orange 120–129 scarlet 130–139 bright cherry-red 140–149 Cute Red 150–159 Raspberry Red 160–169 amaranth 170–179 grape purple 180–189 Lavender purple 190–199 Egyptian blue 200–209 sapphirine 210–219 Pure Blue 220–229 Light Blue 230–239 aqua 240–249 marine blue 250–255 nattier blue
29	Effect 3	0	0–9 None 10–11 Pixel effect1 12–13 Pixel effect2 14–219 Pixel effect3-105 (printed "13-14 Pixel effect3", "... ...") 220–221 Pixel effect106 222–255 Pixel effect107
30	Effect Speed 3	0	0–127 Pixel effect Speed from fast to slow(forward) 128–255 Pixel effect Speed from slow to fast(reverse)

50 Channels Mode

50 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	Dimmer	0	
7	Shutter / Strobe	104	0–3 Off 4–103 Strobe speeds from slow to fast 1–25 Hz 104–107 Light up 108–207 Strobe speeds from slow to fast 1–25 Hz 208–212 Light up 213–251 Random strobinge 252–255 Light up
8	Red	0	
9	Green	0	
10	Blue	0	
11	Color Add GY	0	
12	Amber	0	

50 Channels Mode (continued)

Ch	Function	Default	DMX values
13	Color Add C	0	
14	Zoom	0	
15	Color Macro1	0	0–9 None 10–19 Red 20–29 Green 30–39 Blue 40–49 Lemon 50–59 Yellow 60–69 Purple 70–79 Sky Blue 80–89 Ivory Lemon 90–99 Siena Color 100–109 Cinnamon 110–119 Orange 120–129 Scarlet 130–139 Cherry Red 140–149 Raspberry Red 150–159 Lavender 160–169 Magenta 170–179 Grape Purple 180–189 Bright Purple 190–199 Egyptian Blue 200–209 Bright Blue 210–219 Just Blue 220–229 Light Blue 230–239 Electric Blue 240–249 Sea Blue 250–255 Light Blue
16	C TO	0	
17	Control1	0	0–10 None 11–20 Linear curve dimming 21–30 Inverse Square Curve Dimming 31–40 Square Curve Dimming 41–50 S-shaped curve dimming 51–80 None 81–90 Automatic mode, speed changes from slow to fast 91–100 Audio Mode 101–110 None 111–120 Horizontal Reverse: Open 121–130 Horizontal Reversal: Close 131–140 Vertical Reverse: Open 141–150 Vertical Reverse: Close 151–160 Reset all motors 161–255 None
18	Dimmer	0	
19	Shutter / Strobe 2	0	0–49 On 50–200 Synchronous strobe 1–25 Hz 201–210 On 211–255 Random flicker
20	Red	0	
21	Green	0	
22	Blue	0	
23	Effect 2	0	0–19 None 20–22 Ring Effect 1 23–25 Ring Effect 2 26–28 Ring Effect 3 29–247 Ring Effect 4-71 (printed ".....") 248–250 Ring Effect 72 251–255 Ring Effect 73

50 Channels Mode (continued)

Ch	Function	Default	DMX values
24	Effect Speed 2	0	
25	Red	0	
26	Green	0	
27	Blue	0	
28	Color Add GY	0	
29	Amber	0	
30	Color Add C	0	
31	Red	0	
32	Green	0	
33	Blue	0	
34	Color Add GY	0	
35	Amber	0	
36	Color Add C	0	
37	Red	0	
38	Green	0	
39	Blue	0	
40	Color Add GY	0	
41	Amber	0	
42	Color Add C	0	
43	Dimmer	0	
44	Shutter / Strobe 3	0	0–49 Off 50–200 Synchronous strobe 1–25 Hz 201–210 Off 211–255 Random strobe
45	Red	0	
46	Green	0	
47	Blue	0	
48	Color Macro2	0	0–9 None 10–19 Red 20–29 Green 30–39 Blue 40–49 white 50–59 yellow 60–69 purple 70–79 ching 80–89 sky blue 90–99 Siena color 100–109 amber 110–119 orange 120–129 scarlet 130–139 bright cherry-red 140–149 Cute Red 150–159 Raspberry Red 160–169 amaranth 170–179 grape purple 180–189 Lavender purple 190–199 Egyptian blue 200–209 sapphirine 210–219 Pure Blue 220–229 Light Blue 230–239 aqua 240–249 marine blue 250–255 nattier blue

50 Channels Mode (continued)

Ch	Function	Default	DMX values
49	Effect 3	0	0–9 None 10–11 Pixel effect1 12–13 Pixel effect2 14–219 Pixel effect3-105 (printed "13-14 Pixel effect3", "... ...") 220–221 Pixel effect106 222–255 Pixel effect107
50	Effect Speed 3	0	0–127 Pixel effect Speed from fast to slow(forward) 128–255 Pixel effect Speed from slow to fast(reverse)

Fixture model: gdtf-shehds-waterproof-pixel-led-beam-wash-19x20w-rgblac-zoom-moving-head-light-with-mobile-app-control-2026111511101
Creator: HitLight
Modifications: Original HitLight 3D housing: scripted parametric geometry modelled by HitLight from public product photos and the manufactu...