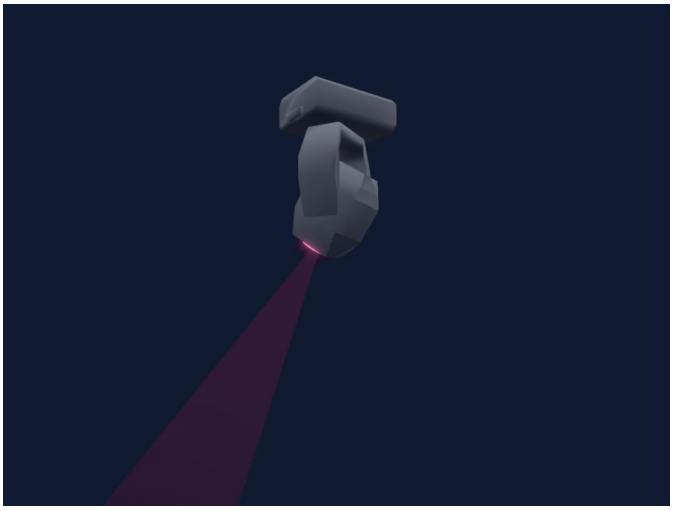
Varytec

Hero Spot Wash 140



Manufacturer	**Varytec**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**12, 16, 23 channels**
Beam angle	**18-25°**
Pan range	**540°**
Tilt range	**191°**
Heads / cells	**2**
Size (W × H × D)	**160 × 217 × 200 mm**
GDTF fixture type	**91A19086-942D-42A6-B5E4-8A…**

Controls

Focus · Prism · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

12CH	12 ch
16CH	16 ch
23CH	23 ch

12CH

12 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Dimmer	0	0–254 Closed 255–255 Open
4	Shutter / Strobe	0	0–9 Open 10–249 Min Strobe 250–250 Max Strobe 251–255 Open
5	Focus	0	0–254 Min Focus 255–255 Max Focus
6	Dimmer	0	0–254 Closed 255–255 Open
7	Shutter / Strobe	0	0–9 Open 10–249 Min Strobe 250–250 Max Strobe 251–255 Open
8	C TC	0	0–254 Min CTC 255–255 Max CTC
9	Color Effects1	0	0–10 No Effect 11–20 Red 21–30 Green 31–40 Blue 41–50 White 51–60 Red/White 61–70 Green/White 71–80 Blue/White 81–90 Red/Green 91–100 Green/Blue 101–110 Red/Blue 111–120 Red/Green/White 121–130 Green/Blue/White 131–140 Red/Blue/White 141–150 Red/Green/Blue/White 151–200 Col Switch 201–255 Col Fade
10	Color Macro1	0	0–24 No Function 25–50 Colour Macro 1 51–75 Colour Macro 2 76–100 Colour Macro 3 101–125 Colour Macro 4 126–150 Colour Macro 5 151–175 Colour Macro 6 176–200 Colour Macro 7 201–255 Colour/Gobo Macro
11	Effect	0	0–10 No Function 11–20 Show 1 21–30 Show 2 31–40 Show 3 41–50 Show 4 51–60 Show 5 61–70 Show 6 71–80 Show 7 81–90 Show 8 91–230 Sound Control 231–255 No Function
12	Fixture Global Reset	0	0–229 No Function 230–240 Reset 241–255 No Function

16CH

16 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Dimmer	0	0–254 Closed 255–255 Open
4	Shutter / Strobe	0	0–9 Open 10–249 Min Strobe 250–250 Max Strobe 251–255 Open
5	Color Wheel	0	0–4 White (wheel slot 1) 5–13 White/Red (wheel slot 1) 14–22 Red (wheel slot 2) 23–31 Red/Orange (wheel slot 2) 32–40 Orange (wheel slot 3) 41–49 Orange/Green (wheel slot 3) 50–58 Green (wheel slot 4) 59–67 Green/Blue (wheel slot 4) 68–76 Blue (wheel slot 5) 77–85 Blue/Yellow (wheel slot 5) 86–94 Yellow (wheel slot 6) 95–103 Yellow/Cyan (wheel slot 6) 104–112 Cyan (wheel slot 7) 113–121 Cyan/Magenta (wheel slot 7) 122–130 Magenta (wheel slot 8) 131–139 White (wheel slot 1) 140–195 CCW 196–199 Stop 200–255 CW
6	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) 64–77 Gobo 8 (wheel slot 9) 78–85 Gobo1Shake (wheel slot 2) 86–93 Gobo2Shake (wheel slot 3) 94–101 Gobo3Shake (wheel slot 4) 102–109 Gobo4Shake (wheel slot 5) 110–117 Gobo5Shake (wheel slot 6) 118–125 Gobo6Shake (wheel slot 7) 126–133 Gobo7Shake (wheel slot 8) 134–147 Gobo8Shake (wheel slot 9) 148–199 CW 200–203 Stop 204–255 CCW

16CH (continued)

Ch	Function	Default	DMX values
7	Gobo 2	0	0–7 Open (wheel slot 1) 8–17 Gobo 1 (wheel slot 2) 18–27 Gobo 2 (wheel slot 3) 28–37 Gobo 3 (wheel slot 4) 38–47 Gobo 4 (wheel slot 5) 48–57 Gobo 5 (wheel slot 6) 58–67 Gobo 6 (wheel slot 7) 68–77 Gobo 7 (wheel slot 8) 78–87 Gobo1Shake (wheel slot 2) 88–97 Gobo2Shake (wheel slot 3) 98–107 Gobo3Shake (wheel slot 4) 108–117 Gobo4Shake (wheel slot 5) 118–127 Gobo5Shake (wheel slot 6) 128–137 Gobo6Shake (wheel slot 7) 138–147 Gobo7Shake (wheel slot 8) 148–199 CW 200–203 Stop 204–255 CCW
8	Gobo Rotation	0	0–7 Stop 8–129 CW 130–133 Stop 134–255 CCW
9	Focus	0	0–254 Min Focus 255–255 Max Focus
10	Prism	0	0–7 Open (wheel slot 1) 8–130 Prism (wheel slot 2) 131–255 Rotate
11	Dimmer	0	0–254 Closed 255–255 Open
12	Shutter / Strobe	0	0–9 Open 10–249 Min Strobe 250–250 Max Strobe 251–255 Open
13	Red	255	
14	Green	255	
15	Blue	255	
16	White	255	

23CH

23 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	Position MSpeed	0	0–254 Fast 255–255 Slow
6	Dimmer	0	0–254 Closed 255–255 Open
7	Shutter / Strobe	0	0–9 Open 10–249 Min Strobe 250–250 Max Strobe 251–255 Open

23CH (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–4 White (wheel slot 1) 5–13 White/Red (wheel slot 1) 14–22 Red (wheel slot 2) 23–31 Red/Orange (wheel slot 2) 32–40 Orange (wheel slot 3) 41–49 Orange/Green (wheel slot 3) 50–58 Green (wheel slot 4) 59–67 Green/Blue (wheel slot 4) 68–76 Blue (wheel slot 5) 77–85 Blue/Yellow (wheel slot 5) 86–94 Yellow (wheel slot 6) 95–103 Yellow/Cyan (wheel slot 6) 104–112 Cyan (wheel slot 7) 113–121 Cyan/Magenta (wheel slot 7) 122–130 Magenta (wheel slot 8) 131–139 White (wheel slot 1) 140–195 CCW 196–199 Stop 200–255 CW
9	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) 64–77 Gobo 8 (wheel slot 9) 78–85 Gobo1Shake (wheel slot 2) 86–93 Gobo2Shake (wheel slot 3) 94–101 Gobo3Shake (wheel slot 4) 102–109 Gobo4Shake (wheel slot 5) 110–117 Gobo5Shake (wheel slot 6) 118–125 Gobo6Shake (wheel slot 7) 126–133 Gobo7Shake (wheel slot 8) 134–147 Gobo8Shake (wheel slot 9) 148–199 CW 200–203 Stop 204–255 CCW
10	Gobo 2	0	0–7 Open (wheel slot 1) 8–17 Gobo 1 (wheel slot 2) 18–27 Gobo 2 (wheel slot 3) 28–37 Gobo 3 (wheel slot 4) 38–47 Gobo 4 (wheel slot 5) 48–57 Gobo 5 (wheel slot 6) 58–67 Gobo 6 (wheel slot 7) 68–77 Gobo 7 (wheel slot 8) 78–87 Gobo1Shake (wheel slot 2) 88–97 Gobo2Shake (wheel slot 3) 98–107 Gobo3Shake (wheel slot 4) 108–117 Gobo4Shake (wheel slot 5) 118–127 Gobo5Shake (wheel slot 6) 128–137 Gobo6Shake (wheel slot 7) 138–147 Gobo7Shake (wheel slot 8) 148–199 CW 200–203 Stop 204–255 CCW
11	Gobo Rotation	0	0–7 Stop 8–129 CW 130–133 Stop 134–255 CCW

23CH (continued)

Ch	Function	Default	DMX values
12	Focus	0	0–254 Min Focus 255–255 Max Focus
13	Prism	0	0–7 Open (wheel slot 1) 8–130 Prism (wheel slot 2) 131–255 Rotate
14	Dimmer	0	0–254 Closed 255–255 Open
15	Shutter / Strobe	0	0–9 Open 10–249 Min Strobe 250–250 Max Strobe 251–255 Open
16	Red	255	
17	Green	255	
18	Blue	255	
19	White	255	
20	C TC	0	0–254 Min CTC 255–255 Max CTC
21	Color Effects1	0	0–10 No Effect 11–20 Red 21–30 Green 31–40 Blue 41–50 White 51–60 Red/White 61–70 Green/White 71–80 Blue/White 81–90 Red/Green 91–100 Green/Blue 101–110 Red/Blue 111–120 Red/Green/White 121–130 Green/Blue/White 131–140 Red/Blue/White 141–150 Red/Green/Blue/White 151–200 Col Switch 201–255 Col Fade
22	Color Macro1	0	0–24 No Function 25–50 Colour Macro 1 51–75 Colour Macro 2 76–100 Colour Macro 3 101–125 Colour Macro 4 126–150 Colour Macro 5 151–175 Colour Macro 6 176–200 Colour Macro 7 201–255 Colour/Gobo Macro
23	Effect	0	0–10 No Function 11–20 Show 1 21–30 Show 2 31–40 Show 3 41–50 Show 4 51–60 Show 5 61–70 Show 6 71–80 Show 7 81–90 Show 8 91–230 Sound Control 231–240 Reset 241–255 No Function