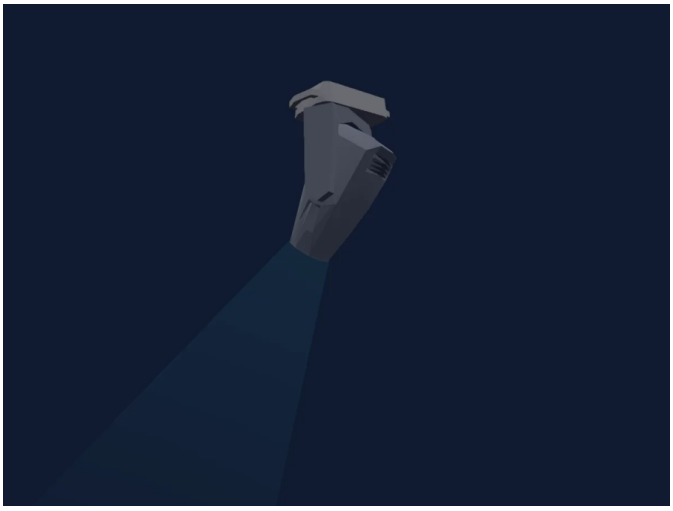
Ayrton

Huracan Wash



Manufacturer	**Ayrton**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**37, 39, 61 channels**
Beam angle	**6.2-66°**
Pan range	**542.12°**
Tilt range	**261.02°**
Size (W × H × D)	**382 × 599 × 294 mm**
GDTF fixture type	**040D78B1-9755-494B-998B-F4…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Animation wheel · Gobos · Gobo rotation

DMX modes

Basic_540	37 ch
Standard_540	39 ch
Extended_540	61 ch

Basic_540

37 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	0–225 max to min speed 226–235 blackout by movement 236–245 blackout by all wheels 246–255 no function
4	Shutter / Strobe	11	0–10 Closed 11–20 open 21–116 ShutterStrobe · min 0.5–24.7 Hz 117–117 ShutterStrobe · max 25 Hz 118–126 open 127–179 ShutterPulse · min 0.5–24.5 Hz 180–180 ShutterPulse · max 25 Hz 181–191 open 192–244 ShutterRandom · min 0.5–24.5 Hz 245–245 ShutterRandom · max 25 Hz 246–255 open
5	Dimmer	0	0–254 closed 255–255 open
6	Zoom	128	0–127 narrow 128–254 mid 255–255 wide
7	Focus	128	0–127 near 128–254 mid 255–255 far
8	Focus1Distance	0	0–50 NoAutoFocus 51–100 5m 101–150 7_5m 151–200 10m 201–255 15m
9	Focus1Distance Fine	0	Fine byte of Focus1Distance
10	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 Quarter CTB (wheel slot 2) 8–11 Congo Blue (wheel slot 3) 12–15 Green (wheel slot 4) 16–19 Orange (wheel slot 5) 20–23 Blue (wheel slot 6) 24–27 Red (wheel slot 7) 28–40 Open (wheel slot 1) 41–52 Quarter CTB (wheel slot 2) 53–65 Congo Blue (wheel slot 3) 66–77 Green (wheel slot 4) 78–90 Orange (wheel slot 5) 91–102 Blue (wheel slot 6) 103–115 Red (wheel slot 7) 116–127 Open (wheel slot 1) 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
11	Cyan	0	
12	Magenta	0	
13	Yellow	0	
14	C TO	0	
15	C TB	0	
16	C TP	0	

Basic_540 (continued)

Ch	Function	Default	DMX values
17	Color Macro1	0	
18	No Feature	0	
19	No Feature Fine	0	Fine byte of No Feature
20	No Feature Ultra Fine	0	
21	Gobo	0	0–9 Open (wheel slot 1) 10–19 Dot Line 4 (wheel slot 2) 20–29 Dot Triangle 3 (wheel slot 3) 30–39 Square Beam 4 (wheel slot 4) 40–49 Fives Spokes 1 (wheel slot 5) 50–59 Beam Shaper (wheel slot 6) 60–69 Gobo 7 (wheel slot 7) 70–77 Gobo 8 (wheel slot 8) 78–93 Dot Line 4 (wheel slot 2) 94–109 Dot Triangle 3 (wheel slot 3) 110–125 Square Beam 4 (wheel slot 4) 126–141 Fives Spokes 1 (wheel slot 5) 142–157 Beam Shaper (wheel slot 6) 158–173 Gobo 7 (wheel slot 7) 174–189 Gobo 8 (wheel slot 8) 190–220 CW max 221–221 CW min 222–223 Stop 224–254 CCW min 255–255 CCW max
22	Gobo Rotation	0	0–127 Gobo1Index 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
23	Animation Wheel1	0	0–7 open 8–126 CW max (wheel slot 2) 127–127 CW min (wheel slot 2) 128–135 stop (wheel slot 2) 136–254 CCW min (wheel slot 2) 255–255 CCW max (wheel slot 2)
24	Iris	0	0–190 open 191–191 close 192–222 pulse max 223–223 pulse min 224–254 Pulse slow 255–255 Pulse fast
25	Prism	0	0–127 Open (wheel slot 1) 128–255 5-Facet (wheel slot 2)
26	Prism Rotation	0	0–127 Prism1Index 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
27	Frost1	0	0–254 open 255–255 Light Frost
28	Blade3B	0	
29	Blade3A	0	
30	Blade1B	0	
31	Blade1A	0	
32	Blade4B	0	

Basic_540 (continued)

Ch	Function	Default	DMX values
33	Blade4A	0	
34	Blade2B	0	
35	Blade2A	0	
36	Shaper Rot	128	0–127 min 128–254 default 255–255 max
37	Control1	0	

Standard_540

39 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	0–225 max to min speed 226–235 blackout by movement 236–245 blackout by all wheels 246–255 no function
6	Shutter / Strobe	11	0–10 Closed 11–20 open 21–116 ShutterStrobe · min 0.5–24.7 Hz 117–117 ShutterStrobe · max 25 Hz 118–126 open 127–179 ShutterPulse · min 0.5–24.5 Hz 180–180 ShutterPulse · max 25 Hz 181–191 open 192–244 ShutterRandom · min 0.5–24.5 Hz 245–245 ShutterRandom · max 25 Hz 246–255 open
7	Dimmer	0	0–254 closed 255–255 open
8	Zoom	128	0–127 narrow 128–254 mid 255–255 wide
9	Focus	128	0–127 near 128–254 mid 255–255 far
10	Focus1Distance	0	0–50 NoAutoFocus 51–100 5m 101–150 7_5m 151–200 10m 201–255 15m
11	Focus1Distance Fine	0	Fine byte of Focus1Distance

Standard_540 (continued)

Ch	Function	Default	DMX values
12	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 Quarter CTB (wheel slot 2) 8–11 Congo Blue (wheel slot 3) 12–15 Green (wheel slot 4) 16–19 Orange (wheel slot 5) 20–23 Blue (wheel slot 6) 24–27 Red (wheel slot 7) 28–40 Open (wheel slot 1) 41–52 Quarter CTB (wheel slot 2) 53–65 Congo Blue (wheel slot 3) 66–77 Green (wheel slot 4) 78–90 Orange (wheel slot 5) 91–102 Blue (wheel slot 6) 103–115 Red (wheel slot 7) 116–127 Open (wheel slot 1) 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
13	Cyan	0	
14	Magenta	0	
15	Yellow	0	
16	C TO	0	
17	C TB	0	
18	C TP	0	
19	Color Macro1	0	
20	No Feature	0	
21	No Feature Fine	0	Fine byte of No Feature
22	No Feature Ultra Fine	0	
23	Gobo	0	0–9 Open (wheel slot 1) 10–19 Dot Line 4 (wheel slot 2) 20–29 Dot Triangle 3 (wheel slot 3) 30–39 Square Beam 4 (wheel slot 4) 40–49 Fives Spokes 1 (wheel slot 5) 50–59 Beam Shaper (wheel slot 6) 60–69 Gobo 7 (wheel slot 7) 70–77 Gobo 8 (wheel slot 8) 78–93 Dot Line 4 (wheel slot 2) 94–109 Dot Triangle 3 (wheel slot 3) 110–125 Square Beam 4 (wheel slot 4) 126–141 Fives Spokes 1 (wheel slot 5) 142–157 Beam Shaper (wheel slot 6) 158–173 Gobo 7 (wheel slot 7) 174–189 Gobo 8 (wheel slot 8) 190–220 CW max 221–221 CW min 222–223 Stop 224–254 CCW min 255–255 CCW max
24	Gobo Rotation	0	0–127 Gobo1Index 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max

Standard_540 (continued)

Ch	Function	Default	DMX values
25	Animation Wheel1	0	0–7 open 8–126 CW max (wheel slot 2) 127–127 CW min (wheel slot 2) 128–135 stop (wheel slot 2) 136–254 CCW min (wheel slot 2) 255–255 CCW max (wheel slot 2)
26	Iris	0	0–190 open 191–191 close 192–222 pulse max 223–223 pulse min 224–254 Pulse slow 255–255 Pulse fast
27	Prism	0	0–127 Open (wheel slot 1) 128–255 5-Facet (wheel slot 2)
28	Prism Rotation	0	0–127 Prism1Index 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
29	Frost1	0	0–254 open 255–255 Light Frost
30	Blade3B	0	
31	Blade3A	0	
32	Blade1B	0	
33	Blade1A	0	
34	Blade4B	0	
35	Blade4A	0	
36	Blade2B	0	
37	Blade2A	0	
38	Shaper Rot	128	0–127 min 128–254 default 255–255 max
39	Control1	0	

Extended_540

61 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	0–225 max to min speed 226–235 blackout by movement 236–245 blackout by all wheels 246–255 no function

Extended_540 (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	11	0–10 Closed 11–20 open 21–116 ShutterStrobe · min 0.5–24.7 Hz 117–117 ShutterStrobe · max 25 Hz 118–126 open 127–179 ShutterPulse · min 0.5–24.5 Hz 180–180 ShutterPulse · max 25 Hz 181–191 open 192–244 ShutterRandom · min 0.5–24.5 Hz 245–245 ShutterRandom · max 25 Hz 246–255 open
7	Dimmer	0	0–254 closed 255–255 open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Zoom	128	0–127 narrow 128–254 mid 255–255 wide
10	Zoom Fine	0	Fine byte of Zoom
11	Focus	128	0–127 near 128–254 mid 255–255 far
12	Focus Fine	0	Fine byte of Focus
13	Focus1Distance	0	0–50 NoAutoFocus 51–100 5m 101–150 7_5m 151–200 10m 201–255 15m
14	Focus1Distance Fine	0	Fine byte of Focus1Distance
15	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 Quarter CTB (wheel slot 2) 8–11 Congo Blue (wheel slot 3) 12–15 Green (wheel slot 4) 16–19 Orange (wheel slot 5) 20–23 Blue (wheel slot 6) 24–27 Red (wheel slot 7) 28–39 Open (wheel slot 1) 40–52 Quarter CTB (wheel slot 2) 53–64 Congo Blue (wheel slot 3) 65–77 Green (wheel slot 4) 78–89 Orange (wheel slot 5) 90–102 Blue (wheel slot 6) 103–114 Red (wheel slot 7) 115–127 Open (wheel slot 1) 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
16	Color Wheel Fine	0	Fine byte of Color Wheel
17	Cyan	0	
18	Cyan Fine	0	Fine byte of Cyan
19	Magenta	0	
20	Magenta Fine	0	Fine byte of Magenta
21	Yellow	0	
22	Yellow Fine	0	Fine byte of Yellow
23	C TO	0	

Extended_540 (continued)

Ch	Function	Default	DMX values
24	C TO Fine	0	Fine byte of C TO
25	C TB	0	
26	C TB Fine	0	Fine byte of C TB
27	C TP	0	
28	C TP Fine	0	Fine byte of C TP
29	Color Macro1	0	
30	No Feature	0	
31	No Feature Fine	0	Fine byte of No Feature
32	No Feature Ultra Fine	0	
33	Gobo	0	0–9 Open (wheel slot 1) 10–19 Dot Line 4 (wheel slot 2) 20–29 Dot Triangle 3 (wheel slot 3) 30–39 Square Beam 4 (wheel slot 4) 40–49 Fives Spokes 1 (wheel slot 5) 50–59 Beam Shaper (wheel slot 6) 60–69 Gobo 7 (wheel slot 7) 70–77 Gobo 8 (wheel slot 8) 78–93 Dot Line 4 (wheel slot 2) 94–109 Dot Triangle 3 (wheel slot 3) 110–125 Square Beam 4 (wheel slot 4) 126–141 Fives Spokes 1 (wheel slot 5) 142–157 Beam Shaper (wheel slot 6) 158–173 Gobo 7 (wheel slot 7) 174–189 Gobo 8 (wheel slot 8) 190–220 CW max 221–221 CW min 222–223 Stop 224–254 CCW min 255–255 CCW max
34	Gobo Rotation	0	0–126 Gobo1Index 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
35	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
36	Animation Wheel1	0	0–7 open 8–126 CW max (wheel slot 2) 127–127 CW min (wheel slot 2) 128–135 stop (wheel slot 2) 136–254 CCW min (wheel slot 2) 255–255 CCW max (wheel slot 2)
37	Iris	0	0–190 open 191–191 close 192–222 pulse max 223–223 pulse min 224–254 Pulse slow 255–255 Pulse fast
38	Iris Fine	0	Fine byte of Iris
39	Prism	0	0–127 Open (wheel slot 1) 128–255 5-Facet (wheel slot 2)
40	Prism Rotation	0	0–126 Prism1Index 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max

Extended_540 (continued)

Ch	Function	Default	DMX values
41	Prism Rotation Fine	0	Fine byte of Prism Rotation
42	Frost1	0	0–254 open 255–255 Light Frost
43	Blade3B	0	
44	Blade3B Fine	0	Fine byte of Blade3B
45	Blade3A	0	
46	Blade3A Fine	0	Fine byte of Blade3A
47	Blade1B	0	
48	Blade1B Fine	0	Fine byte of Blade1B
49	Blade1A	0	
50	Blade1A Fine	0	Fine byte of Blade1A
51	Blade4B	0	
52	Blade4B Fine	0	Fine byte of Blade4B
53	Blade4A	0	
54	Blade4A Fine	0	Fine byte of Blade4A
55	Blade2B	0	
56	Blade2B Fine	0	Fine byte of Blade2B
57	Blade2A	0	
58	Blade2A Fine	0	Fine byte of Blade2A
59	Shaper Rot	128	0–127 min 128–254 default 255–255 max
60	Shaper Rot Fine	0	Fine byte of Shaper Rot
61	Control1	0	