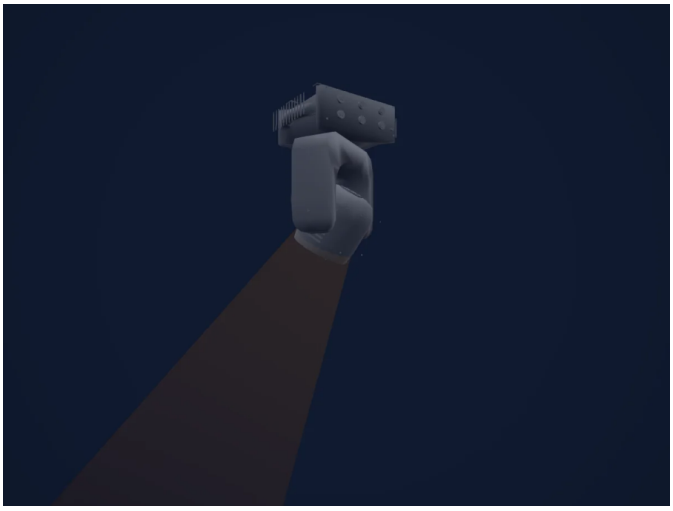
Prolights

AstraWash7PIX



Manufacturer	**Prolights**
Type	**Moving head**
DMX modes	**12**
DMX footprint	**18, 25, 29, 37 channels**
Beam angle	**4-56°**
Pan range	**540°**
Tilt range	**233°**
Heads / cells	**2**
Size (W × H × D)	**282 × 387 × 219 mm**
GDTF fixture type	**09E035DB-1538-4947-9F34-6B…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Dimmer · Pixel control · Pan and tilt

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

Basic_18ch	18 ch
Basic+Pixel_18ch+28ch	18 ch
Basic+Section_18ch+8ch	18 ch
Standard_25ch	25 ch
Standard+Pixel_25ch+28ch	25 ch
Standard+Section_25ch+8ch	25 ch
FX_29ch	29 ch
FX+Pixel_29ch+28ch	29 ch
FX+Section_29ch+8ch	29 ch
Extended_37ch	37 ch
Extended+Pixel_37ch+28Ch	37 ch
Extended+Section_37ch+8Ch	37 ch

Basic_18ch

18 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	Color Macro1	0	
13	C TC	0	0–254 2800K 255–255 10000K
14	Zoom	127	0–126 WIde 127–254 Center 255–255 Narrow
15	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
16	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
17	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
18	Control1	0	

Basic+Pixel_18ch+28ch

18 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Basic+Pixel_18ch+28ch (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	0	
12	Color Macro1	0	
13	C TC	0	0–254 2800K 255–255 10000K
14	Zoom	127	
15	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
16	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
17	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
18	Control1	0	

Basic+Section_18ch+8ch

18 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Green	255	

Basic+Section_18ch+8ch (continued)

Ch	Function	Default	DMX values
10	Blue	255	
11	White	0	
12	Color Macro1	0	
13	C TC	0	0–254 2800K 255–255 10000K
14	Zoom	127	0–126 WIde 127–254 Center 255–255 Narrow
15	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
16	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
17	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
18	Control1	0	

Standard_25ch

25 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	0	
15	White Fine	0	Fine byte of White
16	Color Macro1	0	
17	C TC	127	0–254 2800K 255–255 10000K

Standard_25ch (continued)

Ch	Function	Default	DMX values
18	Zoom	127	0–126 WIde 127–254 Center 255–255 Narrow
19	Zoom Fine	127	Fine byte of Zoom
20	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
21	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
22	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
23	Control1	0	
24	Color Control	0	0–254 CTO on Colors 0 255–255 CTO on Colors 100
25	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25

Standard+Pixel_25ch+28ch

25 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	0	
15	White Fine	0	Fine byte of White
16	Color Macro1	0	
17	C TC	127	0–254 2800K 255–255 10000K

Standard+Pixel_25ch+28ch (continued)

Ch	Function	Default	DMX values
18	Zoom	127	0–126 WIde 127–254 Center 255–255 Narrow
19	Zoom Fine	127	Fine byte of Zoom
20	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
21	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
22	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
23	Control1	0	
24	Color Control	0	0–254 CTO on Colors 0 255–255 CTO on Colors 100
25	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25

Standard+Section_25ch+8ch

25 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	0	
15	White Fine	0	Fine byte of White
16	Color Macro1	0	
17	C TC	127	0–254 2800K 255–255 10000K

Standard+Section_25ch+8ch (continued)

Ch	Function	Default	DMX values
18	Zoom	127	0–126 WIde 127–254 Center 255–255 Narrow
19	Zoom Fine	127	Fine byte of Zoom
20	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
21	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
22	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
23	Control1	0	
24	Color Control	0	0–254 CTO on Colors 0 255–255 CTO on Colors 100
25	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25

FX_29ch

29 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	C TC	127	0–254 2800K 255–255 10000K
13	Zoom	127	0–126 WIde 127–254 Center 255–255 Narrow
14	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
15	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine

FX_29ch (continued)

Ch	Function	Default	DMX values
16	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
17	Control1	0	
18	Effect	0	0–16 No Effect 17–22 Ring All 23–28 Ring All Bounce 29–34 Single Ring 35–40 Single Ring Bounce 41–46 Pixels Right 47–52 Single Pixel Line Right 53–58 Single Pixel Line Right Bounce 59–64 Pixels Bottom 65–70 Single Pixel Line Bottom 71–76 Single Pixel Line Bottom Bounce 77–82 Half Rotate 83–88 Metro Tunnel 89–94 Random 1px 95–100 Random 2px 101–106 Random 4px 107–112 Random 5px 113–118 Random 7px 119–124 Ring 1 Pixel Circular px1 125–130 Ring 1 Pixel Circular px3 131–255 Reserved
19	Effect Speed	0	0–126 Index 0 127–127 Index 360 128–189 CW Fast 190–190 Cw Slow 192–192 Stop Rotate 193–254 CCW Slow 255–255 CCW Fast
20	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
21	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
22	Dimmer	0	0–254 Closed 255–255 Open
23	Shutter / Strobe	255	1–1 FG_Shutter_Close 2–61 FG_Strobe_Slow 62–62 FG_Strobe_Fast 64–64 FG_Shutter_Open 65–124 FG_StrobePulseIN_Slow 125–125 FG_StrobePulseIN_Fast 127–127 FG_Shutter_Open 128–187 FG_StrobePulseOut_Slow 188–188 FG_StrobePulseOut_Fast 190–190 FG_Shutter_Open 191–250 FG_RandomStrobe_Slow 251–251 FG_RandomStrobe_Fast 255–255 FG_Shutter_Open
24	Dimmer	0	0–254 Closed 255–255 Open

FX_29ch (continued)

Ch	Function	Default	DMX values
25	Shutter / Strobe	255	1–1 BG_Shutter_Close 2–61 BG_Strobe_Slow 62–62 BG_Strobe_Fast 64–64 BG_Shutter_Open 65–124 BG_StrobePulseIN_Slow 125–125 BG_StrobePulseIN_Fast 127–127 BG_Shutter_Open 128–187 BG_StrobePulseOUT_Slow 188–188 BG_StrobePulseOUT_Fast 190–190 BG_Shutter_Open 191–250 BG_RandomStrobe_Slow 251–251 BG_RandomStrobe_Fast 255–255 BG_Shutter_Open
26	Red	255	
27	Green	255	
28	Blue	255	
29	White	255	

FX+Pixel_29ch+28ch

29 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	C TC	127	0–254 2800K 255–255 10000K
13	Zoom	127	0–126 WIde 127–254 Center 255–255 Narrow
14	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
15	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine

FX+Pixel_29ch+28ch (continued)

Ch	Function	Default	DMX values
16	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
17	Control1	0	
18	Effect	0	0–16 No Effect 17–22 Ring All 23–28 Ring All Bounce 29–34 Single Ring 35–40 Single Ring Bounce 41–46 Pixels Right 47–52 Single Pixel Line Right 53–58 Single Pixel Line Right Bounce 59–64 Pixels Bottom 65–70 Single Pixel Line Bottom 71–76 Single Pixel Line Bottom Bounce 77–82 Half Rotate 83–88 Metro Tunnel 89–94 Random 1px 95–100 Random 2px 101–106 Random 4px 107–112 Random 5px 113–118 Random 7px 119–124 Ring 1 Pixel Circular px1 125–130 Ring 1 Pixel Circular px3 131–255 Reserved
19	Effect Speed	0	0–126 Index 0 127–127 Index 360 128–189 CW Fast 190–190 Cw Slow 192–192 Stop Rotate 193–254 CCW Slow 255–255 CCW Fast
20	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
21	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
22	Dimmer	0	0–254 Closed 255–255 Open
23	Shutter / Strobe	255	1–1 FG_Shutter_Close 2–61 FG_Strobe_Slow 62–62 FG_Strobe_Fast 64–64 FG_Shutter_Open 65–124 FG_StrobePulseIN_Slow 125–125 FG_StrobePulseIN_Fast 127–127 FG_Shutter_Open 128–187 FG_StrobePulseOut_Slow 188–188 FG_StrobePulseOut_Fast 190–190 FG_Shutter_Open 191–250 FG_RandomStrobe_Slow 251–251 FG_RandomStrobe_Fast 255–255 FG_Shutter_Open
24	Dimmer	0	0–254 Closed 255–255 Open

FX+Pixel_29ch+28ch (continued)

Ch	Function	Default	DMX values
25	Shutter / Strobe	255	1–1 BG_Shutter_Close 2–61 BG_Strobe_Slow 62–62 BG_Strobe_Fast 64–64 BG_Shutter_Open 65–124 BG_StrobePulseIN_Slow 125–125 BG_StrobePulseIN_Fast 127–127 BG_Shutter_Open 128–187 BG_StrobePulseOUT_Slow 188–188 BG_StrobePulseOUT_Fast 190–190 BG_Shutter_Open 191–250 BG_RandomStrobe_Slow 251–251 BG_RandomStrobe_Fast 255–255 BG_Shutter_Open
26	Red	0	
27	Green	0	
28	Blue	0	
29	White	0	

FX+Section_29ch+8ch

29 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	C TC	127	0–254 2800K 255–255 10000K
13	Zoom	127	0–126 WIde 127–254 Center 255–255 Narrow
14	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
15	Pixel Engine Cross Fade	255	0–254 Pattern 255–255 Pixel Engine

FX+Section_29ch+8ch (continued)

Ch	Function	Default	DMX values
16	C TC2Color Crossfade	255	0–254 CTC 255–255 Colors
17	Control1	0	
18	Effect	0	0–16 No Effect 17–22 Ring All 23–28 Ring All Bounce 29–34 Single Ring 35–40 Single Ring Bounce 41–46 Pixels Right 47–52 Single Pixel Line Right 53–58 Single Pixel Line Right Bounce 59–64 Pixels Bottom 65–70 Single Pixel Line Bottom 71–76 Single Pixel Line Bottom Bounce 77–82 Half Rotate 83–88 Metro Tunnel 89–94 Random 1px 95–100 Random 2px 101–106 Random 4px 107–112 Random 5px 113–118 Random 7px 119–124 Ring 1 Pixel Circular px1 125–130 Ring 1 Pixel Circular px3 131–255 Reserved
19	Effect Speed	0	0–126 Index 0 127–127 Index 360 128–189 CW Fast 190–190 Cw Slow 192–192 Stop Rotate 193–254 CCW Slow 255–255 CCW Fast
20	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
21	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
22	Dimmer	255	0–254 Closed 255–255 Open
23	Shutter / Strobe	255	1–1 FG_Shutter_Close 2–61 FG_Strobe_Slow 62–62 FG_Strobe_Fast 64–64 FG_Shutter_Open 65–124 FG_StrobePulseIN_Slow 125–125 FG_StrobePulseIN_Fast 127–127 FG_Shutter_Open 128–187 FG_StrobePulseOut_Slow 188–188 FG_StrobePulseOut_Fast 190–190 FG_Shutter_Open 191–250 FG_RandomStrobe_Slow 251–251 FG_RandomStrobe_Fast 255–255 FG_Shutter_Open
24	Dimmer	0	0–254 Closed 255–255 Open

FX+Section_29ch+8ch (continued)

Ch	Function	Default	DMX values
25	Shutter / Strobe	255	1–1 BG_Shutter_Close 2–61 BG_Strobe_Slow 62–62 BG_Strobe_Fast 64–64 BG_Shutter_Open 65–124 BG_StrobePulseIN_Slow 125–125 BG_StrobePulseIN_Fast 127–127 BG_Shutter_Open 128–187 BG_StrobePulseOUT_Slow 188–188 BG_StrobePulseOUT_Fast 190–190 BG_Shutter_Open 191–250 BG_RandomStrobe_Slow 251–251 BG_RandomStrobe_Fast 255–255 BG_Shutter_Open
26	Red	0	
27	Green	0	
28	Blue	0	
29	White	0	

Extended_37ch

37 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Color Macro1	0	
17	C TC	127	0–254 2800K 255–255 10000K

Extended_37ch (continued)

Ch	Function	Default	DMX values
18	Zoom	127	0–126 WIde 127–254 Center 255–255 Narrow
19	Zoom Fine	127	Fine byte of Zoom
20	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
21	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
22	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
23	Control1	0	
24	Color Control	0	0–254 CTO on Colors 0 255–255 CTO on Colors 100
25	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25
26	Effect	0	0–16 No Effect 17–22 Ring All 23–28 Ring All Bounce 29–34 Single Ring 35–40 Single Ring Bounce 41–46 Pixels Right 47–52 Single Pixel Line Right 53–58 Single Pixel Line Right Bounce 59–64 Pixels Bottom 65–70 Single Pixel Line Bottom 71–76 Single Pixel Line Bottom Bounce 77–82 Half Rotate 83–88 Metro Tunnel 89–94 Random 1px 95–100 Random 2px 101–106 Random 4px 107–112 Random 5px 113–118 Random 7px 119–124 Ring 1 Pixel Circular px1 125–130 Ring 1 Pixel Circular px3 131–255 Reserved
27	Effect Speed	0	0–126 Index 0 127–127 Index 360 128–189 CW Fast 190–190 Cw Slow 192–192 Stop Rotate 193–254 CCW Slow 255–255 CCW Fast
28	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
29	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
30	Dimmer	0	0–254 Closed 255–255 Open

Extended_37ch (continued)

Ch	Function	Default	DMX values
31	Shutter / Strobe	255	1–1 FG_Shutter_Close 2–61 FG_Strobe_Slow 62–62 FG_Strobe_Fast 64–64 FG_Shutter_Open 65–124 FG_StrobePulseIN_Slow 125–125 FG_StrobePulseIN_Fast 127–127 FG_Shutter_Open 128–187 FG_StrobePulseOut_Slow 188–188 FG_StrobePulseOut_Fast 190–190 FG_Shutter_Open 191–250 FG_RandomStrobe_Slow 251–251 FG_RandomStrobe_Fast 255–255 FG_Shutter_Open
32	Dimmer	0	0–254 Closed 255–255 Open
33	Shutter / Strobe	255	1–1 BG_Shutter_Close 2–61 BG_Strobe_Slow 62–62 BG_Strobe_Fast 64–64 BG_Shutter_Open 65–124 BG_StrobePulseIN_Slow 125–125 BG_StrobePulseIN_Fast 127–127 BG_Shutter_Open 128–187 BG_StrobePulseOUT_Slow 188–188 BG_StrobePulseOUT_Fast 190–190 BG_Shutter_Open 191–250 BG_RandomStrobe_Slow 251–251 BG_RandomStrobe_Fast 255–255 BG_Shutter_Open
34	Red	0	
35	Green	0	
36	Blue	0	
37	White	0	

Extended+Pixel_37ch+28Ch

37 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open

Extended+Pixel_37ch+28Ch (continued)

Ch	Function	Default	DMX values
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Color Macro1	0	
17	C TC	127	0–254 2800K 255–255 10000K
18	Zoom	127	0–126 WIde 127–254 Center 255–255 Narrow
19	Zoom Fine	127	Fine byte of Zoom
20	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
21	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
22	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
23	Control1	0	
24	Color Control	0	0–254 CTO on Colors 0 255–255 CTO on Colors 100
25	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25
26	Effect	0	0–16 No Effect 17–22 Ring All 23–28 Ring All Bounce 29–34 Single Ring 35–40 Single Ring Bounce 41–46 Pixels Right 47–52 Single Pixel Line Right 53–58 Single Pixel Line Right Bounce 59–64 Pixels Bottom 65–70 Single Pixel Line Bottom 71–76 Single Pixel Line Bottom Bounce 77–82 Half Rotate 83–88 Metro Tunnel 89–94 Random 1px 95–100 Random 2px 101–106 Random 4px 107–112 Random 5px 113–118 Random 7px 119–124 Ring 1 Pixel Circular px1 125–130 Ring 1 Pixel Circular px3 131–255 Reserved
27	Effect Speed	0	0–126 Index 0 127–127 Index 360 128–189 CW Fast 190–190 Cw Slow 192–192 Stop Rotate 193–254 CCW Slow 255–255 CCW Fast

Extended+Pixel_37ch+28Ch (continued)

Ch	Function	Default	DMX values
28	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
29	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
30	Dimmer	0	0–254 Closed 255–255 Open
31	Shutter / Strobe	255	1–1 FG_Shutter_Close 2–61 FG_Strobe_Slow 62–62 FG_Strobe_Fast 64–64 FG_Shutter_Open 65–124 FG_StrobePulseIN_Slow 125–125 FG_StrobePulseIN_Fast 127–127 FG_Shutter_Open 128–187 FG_StrobePulseOut_Slow 188–188 FG_StrobePulseOut_Fast 190–190 FG_Shutter_Open 191–250 FG_RandomStrobe_Slow 251–251 FG_RandomStrobe_Fast 255–255 FG_Shutter_Open
32	Dimmer	0	0–254 Closed 255–255 Open
33	Shutter / Strobe	255	1–1 BG_Shutter_Close 2–61 BG_Strobe_Slow 62–62 BG_Strobe_Fast 64–64 BG_Shutter_Open 65–124 BG_StrobePulseIN_Slow 125–125 BG_StrobePulseIN_Fast 127–127 BG_Shutter_Open 128–187 BG_StrobePulseOUT_Slow 188–188 BG_StrobePulseOUT_Fast 190–190 BG_Shutter_Open 191–250 BG_RandomStrobe_Slow 251–251 BG_RandomStrobe_Fast 255–255 BG_Shutter_Open
34	Red	0	
35	Green	0	
36	Blue	0	
37	White	0	

Extended+Section_37ch+8Ch

37 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Extended+Section_37ch+8Ch (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–1 Main_Shutter_Close 2–61 Main_Strobe_Slow 62–62 Main_Strobe_Fast 63–64 Main_Shutter_Open 65–124 Main_StrobePulseIN_Slow 125–125 Main_StrobePulseIN_Fast 126–127 Main_Shutter_Open 128–187 Main_StrobePulseOUT_Slow 188–188 Main_StrobePulseOUT_Fast 189–190 Main_Shutter_Open 191–250 Main_RandomStrobe_Slow 251–251 Main_RandomStrobe_Fast 252–255 Main_Shutter_Open
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Color Macro1	0	
17	C TC	127	0–254 2800K 255–255 10000K
18	Zoom	127	0–126 WIde 127–254 Center 255–255 Narrow
19	Zoom Fine	127	Fine byte of Zoom
20	Art Net2Kling Net Cross Fade	0	0–254 ArtNet 255–255 KlingNet
21	Pixel Engine Cross Fade	0	0–254 Pattern 255–255 Pixel Engine
22	C TCColor Cross Fade	255	0–254 CTC 255–255 Colors
23	Control1	0	
24	Color Control	0	0–254 CTO on Colors 0 255–255 CTO on Colors 100
25	Tint	128	0–127 Tint -25 128–254 Tint 0 255–255 Tint +25

Extended+Section_37ch+8Ch (continued)

Ch	Function	Default	DMX values
26	Effect	0	0–16 No Effect 17–22 Ring All 23–28 Ring All Bounce 29–34 Single Ring 35–40 Single Ring Bounce 41–46 Pixels Right 47–52 Single Pixel Line Right 53–58 Single Pixel Line Right Bounce 59–64 Pixels Bottom 65–70 Single Pixel Line Bottom 71–76 Single Pixel Line Bottom Bounce 77–82 Half Rotate 83–88 Metro Tunnel 89–94 Random 1px 95–100 Random 2px 101–106 Random 4px 107–112 Random 5px 113–118 Random 7px 119–124 Ring 1 Pixel Circular px1 125–130 Ring 1 Pixel Circular px3 131–255 Reserved
27	Effect Speed	0	0–126 Index 0 127–127 Index 360 128–189 CW Fast 190–190 Cw Slow 192–192 Stop Rotate 193–254 CCW Slow 255–255 CCW Fast
28	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
29	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
30	Dimmer	0	0–254 Closed 255–255 Open
31	Shutter / Strobe	255	1–1 FG_Shutter_Close 2–61 FG_Strobe_Slow 62–62 FG_Strobe_Fast 64–64 FG_Shutter_Open 65–124 FG_StrobePulseIN_Slow 125–125 FG_StrobePulseIN_Fast 127–127 FG_Shutter_Open 128–187 FG_StrobePulseOut_Slow 188–188 FG_StrobePulseOut_Fast 190–190 FG_Shutter_Open 191–250 FG_RandomStrobe_Slow 251–251 FG_RandomStrobe_Fast 255–255 FG_Shutter_Open
32	Dimmer	0	0–254 Closed 255–255 Open

Extended+Section_37ch+8Ch (continued)

Ch	Function	Default	DMX values
33	Shutter / Strobe	255	1–1 BG_Shutter_Close 2–61 BG_Strobe_Slow 62–62 BG_Strobe_Fast 64–64 BG_Shutter_Open 65–124 BG_StrobePulseIN_Slow 125–125 BG_StrobePulseIN_Fast 127–127 BG_Shutter_Open 128–187 BG_StrobePulseOUT_Slow 188–188 BG_StrobePulseOUT_Fast 190–190 BG_Shutter_Open 191–250 BG_RandomStrobe_Slow 251–251 BG_RandomStrobe_Fast 255–255 BG_Shutter_Open
34	Red	0	
35	Green	0	
36	Blue	0	
37	White	0	

Fixture model: gdtf-prolights-astrawash7pix-86089
Creator: HitLight
Modifications: Original HitLight 3D housing: scripted parametric geometry modelled by HitLight from public product photos and the manufactu…