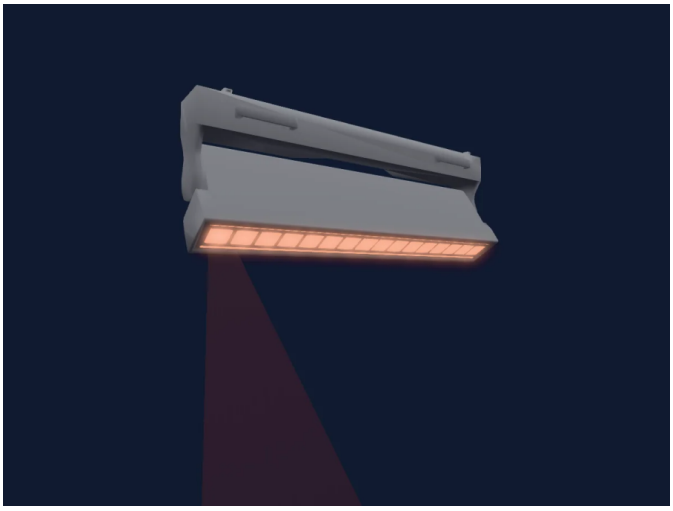
Prolights

AstraBlade100IP



Manufacturer	**Prolights**
Type	**Moving head**
DMX modes	**22**
DMX footprint	**1, 2, 4, 20, 21, 27, 28, 45, 46, 51, 52, 66 channels**
Beam angle	**4.5-39°**
Tilt range	**196°**
Heads / cells	**2**
Size (W × H × D)	**1002 × 238 × 125 mm**
GDTF fixture type	**645E2A2E-F089-4EC9-ACC9-53…**

Controls

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

Safety-relevant functions

Built-in effect programmes

DMX modes

PixelEngine_STRIPs	1 ch
STRIP_16	1 ch
STRIP_32	1 ch
PixelEngine_STRIPs EXT	2 ch
PixelEngine_16PIX	4 ch
Basic_20ch	20 ch
Basic_20ch+PixelEngine_16 PIX_64ch	20 ch
Basic_20ch+StripFullPix_32ch	21 ch
Basic_20ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch	21 ch
Standard_27ch	27 ch
Standard_27ch+PixelEngine_16 PIX_64ch	27 ch
Standard_27ch+StripFullPix_32ch	28 ch
Standard_27ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch	28 ch
FX_45ch	45 ch
FX_45ch+PixelEngine_16 PIX_64ch	45 ch
FX_45ch+StripFullPix_32ch	46 ch
FX_45ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch	46 ch
Extended_51ch	51 ch
Extended_51ch+PixelEngine_16 PIX_64ch	51 ch
Extended_51ch+StripFullPix_32ch	52 ch
Extended_51ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch	52 ch
PixelEngine_16 PIX + STRIPs	66 ch

PixelEngine_STRIPs

1 channel

Ch	Function	Default	DMX values
1	C TC	0	0–254 2700K 255–255 8000K

STRIP_16

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

STRIP_32

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

PixelEngine_STRIPs EXT

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	0	0–254 2700K 255–255 8000K

PixelEngine_16PIX

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add WW	255	

Basic_20ch

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red

Basic_20ch (continued)

Ch	Function	Default	DMX values
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom
16	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
17	Dimmer	0	0–254 Closed 255–255 Open
18	Dimmer Fine	0	Fine byte of Dimmer
19	C TC	0	0–254 2700K 255–255 8000K
20	Control1	0	

Basic_20ch+PixelEngine_16 PIX_64ch

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt

Basic_20ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom
16	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
17	Dimmer	0	0–254 Closed 255–255 Open
18	Dimmer Fine	0	Fine byte of Dimmer
19	C TC	0	0–254 2700K 255–255 8000K
20	Control1	0	

Basic_20ch+StripFullPix_32ch

21 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom
16	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
17	Dimmer	0	0–254 Closed 255–255 Open
18	Dimmer Fine	0	Fine byte of Dimmer
19	C TC	0	0–254 2700K 255–255 8000K

Basic_20ch+StripFullPix_32ch (continued)

Ch	Function	Default	DMX values
20	Control1	0	
21	Dimmer	0	0–254 Closed 255–255 Open

Basic_20ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch

21 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom
16	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
17	Dimmer	0	0–254 Closed 255–255 Open
18	Dimmer Fine	0	Fine byte of Dimmer
19	C TC	0	0–254 2700K 255–255 8000K
20	Control1	0	
21	Dimmer	0	0–254 Closed 255–255 Open

Standard_27ch

27 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

Standard_27ch (continued)

Ch	Function	Default	DMX values
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom
16	Color Macro1	0	
17	C TC	0	0–254 2800K 255–255 10000K
18	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
19	C CTCOLORS	255	0–254 CTC 255–255 ColorMix
20	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
21	Dimmer	0	0–254 Closed 255–255 Open
22	Dimmer Fine	0	Fine byte of Dimmer
23	C TC	0	0–254 2700K 255–255 8000K
24	Dimmer	0	0–254 Closed 255–255 Open
25	Dimmer Fine	0	Fine byte of Dimmer
26	C TC	0	0–254 2700K 255–255 8000K
27	Control1	0	

Standard_27ch+PixelEngine_16 PIX_64ch

27 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom
16	Color Macro1	0	
17	C TC	0	0–254 2800K 255–255 10000K
18	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
19	C CTCOLORS	255	0–254 CTC 255–255 ColorMix
20	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
21	Dimmer	0	0–254 Closed 255–255 Open
22	Dimmer Fine	0	Fine byte of Dimmer
23	C TC	0	0–254 2700K 255–255 8000K
24	Dimmer	0	0–254 Closed 255–255 Open
25	Dimmer Fine	0	Fine byte of Dimmer
26	C TC	0	0–254 2700K 255–255 8000K
27	Control1	0	

Standard_27ch+StripFullPix_32ch

28 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom
16	Color Macro1	0	
17	C TC	0	0–254 2800K 255–255 10000K
18	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
19	C CTCOLORS	255	0–254 CTC 255–255 ColorMix
20	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
21	Dimmer	0	0–254 Closed 255–255 Open
22	Dimmer Fine	0	Fine byte of Dimmer
23	C TC	0	0–254 2700K 255–255 8000K
24	Dimmer	0	0–254 Closed 255–255 Open
25	Dimmer Fine	0	Fine byte of Dimmer
26	C TC	0	0–254 2700K 255–255 8000K
27	Control1	0	
28	Dimmer	0	0–254 Closed 255–255 Open

Standard_27ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch

28 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom
16	Color Macro1	0	
17	C TC	0	0–254 2800K 255–255 10000K
18	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
19	C CTCOLORS	255	0–254 CTC 255–255 ColorMix
20	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
21	Dimmer	0	0–254 Closed 255–255 Open
22	Dimmer Fine	0	Fine byte of Dimmer
23	C TC	0	0–254 2700K 255–255 8000K
24	Dimmer	0	0–254 Closed 255–255 Open
25	Dimmer Fine	0	Fine byte of Dimmer
26	C TC	0	0–254 2700K 255–255 8000K
27	Control1	0	
28	Dimmer	0	0–254 Closed 255–255 Open

FX_45ch

45 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom
16	Color Macro1	0	
17	C TC	0	0–254 2800K 255–255 10000K
18	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
19	C CTCOLORS	255	0–254 CTC 255–255 ColorMix
20	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25

FX_45ch (continued)

Ch	Function	Default	DMX values
21	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23
22	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
23	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
24	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
25	Dimmer	255	0–254 Closed 255–255 Open
26	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
27	Dimmer	0	0–254 Closed 255–255 Open

FX_45ch (continued)

Ch	Function	Default	DMX values
28	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
29	Red	255	
30	Green	255	
31	Blue	255	
32	Color Add WW	255	
33	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23
34	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
35	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
36	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
37	Dimmer	0	0–254 Closed 255–255 Open
38	Dimmer Fine	0	Fine byte of Dimmer

FX_45ch (continued)

Ch	Function	Default	DMX values
39	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
40	C TC	0	0–254 2700K 255–255 8000K
41	Dimmer	0	0–254 Closed 255–255 Open
42	Dimmer Fine	0	Fine byte of Dimmer
43	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
44	C TC	0	0–254 2700K 255–255 8000K
45	Control1	0	

FX_45ch+PixelEngine_16 PIX_64ch

45 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green

FX_45ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom
16	Color Macro1	0	
17	C TC	0	0–254 2800K 255–255 10000K
18	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
19	C CTCOLORS	255	0–254 CTC 255–255 ColorMix
20	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
21	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23
22	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
23	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
24	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100

FX_45ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
25	Dimmer	255	0–254 Closed 255–255 Open
26	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
27	Dimmer	0	0–254 Closed 255–255 Open
28	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
29	Red	255	
30	Green	255	
31	Blue	255	
32	Color Add WW	255	
33	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23

FX_45ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
34	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
35	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
36	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
37	Dimmer	0	0–254 Closed 255–255 Open
38	Dimmer Fine	0	Fine byte of Dimmer
39	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
40	C TC	0	0–254 2700K 255–255 8000K
41	Dimmer	0	0–254 Closed 255–255 Open
42	Dimmer Fine	0	Fine byte of Dimmer
43	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
44	C TC	0	0–254 2700K 255–255 8000K
45	Control1	0	

FX_45ch+StripFullPix_32ch

46 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

FX_45ch+StripFullPix_32ch (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom
16	Color Macro1	0	
17	C TC	0	0–254 2800K 255–255 10000K
18	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
19	C CTCOLORS	255	0–254 CTC 255–255 ColorMix
20	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25

FX_45ch+StripFullPix_32ch (continued)

Ch	Function	Default	DMX values
21	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23
22	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
23	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
24	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
25	Dimmer	255	0–254 Closed 255–255 Open
26	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
27	Dimmer	0	0–254 Closed 255–255 Open

FX_45ch+StripFullPix_32ch (continued)

Ch	Function	Default	DMX values
28	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
29	Red	255	
30	Green	255	
31	Blue	255	
32	Color Add WW	255	
33	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23
34	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
35	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
36	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
37	Dimmer	0	0–254 Closed 255–255 Open
38	Dimmer Fine	0	Fine byte of Dimmer

FX_45ch+StripFullPix_32ch (continued)

Ch	Function	Default	DMX values
39	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
40	C TC	0	0–254 2700K 255–255 8000K
41	Dimmer	0	0–254 Closed 255–255 Open
42	Dimmer Fine	0	Fine byte of Dimmer
43	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
44	C TC	0	0–254 2700K 255–255 8000K
45	Control1	0	
46	Dimmer	0	0–254 Closed 255–255 Open

FX_45ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch

46 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red

FX_45ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom
16	Color Macro1	0	
17	C TC	0	0–254 2800K 255–255 10000K
18	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
19	C CTCOLORS	255	0–254 CTC 255–255 ColorMix
20	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
21	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23
22	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
23	Effects1Fade	0	0–254 No Fade 255–255 Fade 100

FX_45ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
24	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
25	Dimmer	255	0–254 Closed 255–255 Open
26	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
27	Dimmer	0	0–254 Closed 255–255 Open
28	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
29	Red	255	
30	Green	255	
31	Blue	255	
32	Color Add WW	255	

FX_45ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
33	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23
34	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
35	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
36	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
37	Dimmer	0	0–254 Closed 255–255 Open
38	Dimmer Fine	0	Fine byte of Dimmer
39	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
40	C TC	0	0–254 2700K 255–255 8000K
41	Dimmer	0	0–254 Closed 255–255 Open
42	Dimmer Fine	0	Fine byte of Dimmer

FX_45ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
43	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
44	C TC	0	0–254 2700K 255–255 8000K
45	Control1	0	
46	Dimmer	0	0–254 Closed 255–255 Open

Extended_51ch

51 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom

Extended_51ch (continued)

Ch	Function	Default	DMX values
16	Gel Category	255	0–9 LEE Color Correction 10–19 LEE Color Filters 20–29 LEE 600 Series 30–39 LEE Cosmetic Filters 40–49 LEE 700 Series 50–59 RC Color Correction 60–69 RC CalColor 70–79 RC Storaro Selection 80–89 RC Cinelux 90–99 Blackout 100–255 NoFeature
17	Gel Selector	0	
18	C TC	0	0–254 2800K 255–255 10000K
19	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
20	C CTCOLORS	255	0–254 CTC 255–255 ColorMix
21	Color Control	0	0–254 CtoOnColors OFF 255–255 CtoOnColors FULL
22	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
23	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23
24	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
25	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
26	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100

Extended_51ch (continued)

Ch	Function	Default	DMX values
27	Dimmer	255	0–254 Closed 255–255 Open
28	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
29	Dimmer	0	0–254 Closed 255–255 Open
30	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
31	Red	255	
32	Green	255	
33	Blue	255	
34	Color Add WW	255	
35	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23

Extended_51ch (continued)

Ch	Function	Default	DMX values
36	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
37	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
38	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
39	Dimmer	0	0–254 Closed 255–255 Open
40	Dimmer Fine	0	Fine byte of Dimmer
41	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
42	C TC	0	0–254 2700K 255–255 8000K
43	Dimmer	0	0–254 Closed 255–255 Open
44	Dimmer Fine	0	Fine byte of Dimmer
45	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
46	C TC	0	0–254 2700K 255–255 8000K
47	Dimmer	0	0–254 Closed 255–255 Open
48	Dimmer Fine	0	Fine byte of Dimmer

Extended_51ch (continued)

Ch	Function	Default	DMX values
49	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
50	C TC	0	0–254 2700K 255–255 8000K
51	Control1	0	

Extended_51ch+PixelEngine_16 PIX_64ch

51 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom

Extended_51ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
16	Gel Category	255	0–9 LEE Color Correction 10–19 LEE Color Filters 20–29 LEE 600 Series 30–39 LEE Cosmetic Filters 40–49 LEE 700 Series 50–59 RC Color Correction 60–69 RC CalColor 70–79 RC Storaro Selection 80–89 RC Cinelux 90–99 Blackout 100–255 NoFeature
17	Gel Selector	0	
18	C TC	0	0–254 2800K 255–255 10000K
19	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
20	C CTCOLORS	255	0–254 CTC 255–255 ColorMix
21	Color Control	0	0–254 CtoOnColors OFF 255–255 CtoOnColors FULL
22	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
23	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23
24	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
25	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
26	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100

Extended_51ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
27	Dimmer	255	0–254 Closed 255–255 Open
28	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
29	Dimmer	0	0–254 Closed 255–255 Open
30	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
31	Red	255	
32	Green	255	
33	Blue	255	
34	Color Add WW	255	
35	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23

Extended_51ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
36	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
37	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
38	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
39	Dimmer	0	0–254 Closed 255–255 Open
40	Dimmer Fine	0	Fine byte of Dimmer
41	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
42	C TC	0	0–254 2700K 255–255 8000K
43	Dimmer	0	0–254 Closed 255–255 Open
44	Dimmer Fine	0	Fine byte of Dimmer
45	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
46	C TC	0	0–254 2700K 255–255 8000K
47	Dimmer	0	0–254 Closed 255–255 Open
48	Dimmer Fine	0	Fine byte of Dimmer

Extended_51ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
49	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
50	C TC	0	0–254 2700K 255–255 8000K
51	Control1	0	

Extended_51ch+StripFullPix_32ch

52 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	255	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom

Extended_51ch+StripFullPix_32ch (continued)

Ch	Function	Default	DMX values
16	Gel Category	255	0–9 LEE Color Correction 10–19 LEE Color Filters 20–29 LEE 600 Series 30–39 LEE Cosmetic Filters 40–49 LEE 700 Series 50–59 RC Color Correction 60–69 RC CalColor 70–79 RC Storaro Selection 80–89 RC Cinelux 90–99 Blackout 100–255 NoFeature
17	Gel Selector	0	
18	C TC	0	0–254 2800K 255–255 10000K
19	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
20	C CTCOLORS	255	0–254 CTC 255–255 ColorMix
21	Color Control	0	0–254 CtoOnColors OFF 255–255 CtoOnColors FULL
22	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
23	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23
24	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
25	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
26	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100

Extended_51ch+StripFullPix_32ch (continued)

Ch	Function	Default	DMX values
27	Dimmer	255	0–254 Closed 255–255 Open
28	Shutter / Strobe	255	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
29	Dimmer	0	0–254 Closed 255–255 Open
30	Shutter / Strobe	255	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
31	Red	255	
32	Green	255	
33	Blue	255	
34	Color Add WW	255	
35	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23

Extended_51ch+StripFullPix_32ch (continued)

Ch	Function	Default	DMX values
36	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
37	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
38	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
39	Dimmer	0	0–254 Closed 255–255 Open
40	Dimmer Fine	0	Fine byte of Dimmer
41	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
42	C TC	0	0–254 2700K 255–255 8000K
43	Dimmer	0	0–254 Closed 255–255 Open
44	Dimmer Fine	0	Fine byte of Dimmer
45	Shutter / Strobe	255	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
46	C TC	0	0–254 2700K 255–255 8000K
47	Dimmer	0	0–254 Closed 255–255 Open
48	Dimmer Fine	0	Fine byte of Dimmer

Extended_51ch+StripFullPix_32ch (continued)

Ch	Function	Default	DMX values
49	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
50	C TC	0	0–254 2700K 255–255 8000K
51	Control1	0	
52	Dimmer	0	0–254 Closed 255–255 Open

Extended_51ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch

52 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	Zoom	128	0–126 Wide 127–254 Medium 255–255 Narrow
15	Zoom Fine	128	Fine byte of Zoom

Extended_51ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
16	Gel Category	255	0–9 LEE Color Correction 10–19 LEE Color Filters 20–29 LEE 600 Series 30–39 LEE Cosmetic Filters 40–49 LEE 700 Series 50–59 RC Color Correction 60–69 RC CalColor 70–79 RC Storaro Selection 80–89 RC Cinelux 90–99 Blackout 100–255 NoFeature
17	Gel Selector	0	
18	C TC	0	0–254 2800K 255–255 10000K
19	Main Pixel	0	0–254 Main Fixture 255–255 Pixel Engine
20	C CTCOLORS	255	0–254 CTC 255–255 ColorMix
21	Color Control	0	0–254 CtoOnColors OFF 255–255 CtoOnColors FULL
22	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
23	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23
24	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
25	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
26	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100

Extended_51ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
27	Dimmer	255	0–254 Closed 255–255 Open
28	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
29	Dimmer	0	0–254 Closed 255–255 Open
30	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
31	Red	255	
32	Green	255	
33	Blue	255	
34	Color Add WW	255	
35	Effect	0	0–9 NoFeature 10–14 FX1 15–19 FX2 20–24 FX3 25–29 FX4 30–34 FX5 35–39 FX6 40–44 FX7 45–49 FX8 50–54 FX9 55–59 FX10 60–64 FX11 65–69 FX12 70–74 FX13 75–79 FX14 80–84 FX15 85–89 FX16 90–94 FX17 95–99 FX18 100–104 FX19 105–109 FX20 110–114 FX21 115–119 FX22 120–255 FX23

Extended_51ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
36	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
37	Effects1Fade	0	0–254 No Fade 255–255 Fade 100
38	Effects Sync	0	0–254 TransitionFade 0 255–255 TransitionFade 100
39	Dimmer	0	0–254 Closed 255–255 Open
40	Dimmer Fine	0	Fine byte of Dimmer
41	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
42	C TC	0	0–254 2700K 255–255 8000K
43	Dimmer	0	0–254 Closed 255–255 Open
44	Dimmer Fine	0	Fine byte of Dimmer
45	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
46	C TC	0	0–254 2700K 255–255 8000K
47	Dimmer	0	0–254 Closed 255–255 Open
48	Dimmer Fine	0	Fine byte of Dimmer

Extended_51ch+StripFullPix_32ch+PixelEngine_16 PIX_64ch (continued)

Ch	Function	Default	DMX values
49	Shutter / Strobe	0	0–4 Open 5–44 Strobe 45–46 Open1 47–86 PulseInStrobe 87–88 Open2 89–128 PulseOutStrobe 129–130 Closed 131–170 RandomStrobe 171–172 Open3 173–212 RandomPixels 213–214 Open4 215–254 Spikers strobe 1–30 Hz 255–255 Open
50	C TC	0	0–254 2700K 255–255 8000K
51	Control1	0	
52	Dimmer	0	0–254 Closed 255–255 Open

PixelEngine_16 PIX + STRIPs

66 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add WW	255	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	

PixelEngine_16 PIX + STRIPs (continued)

Ch	Function	Default	DMX values
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Dimmer	0	
66	C TC	0	