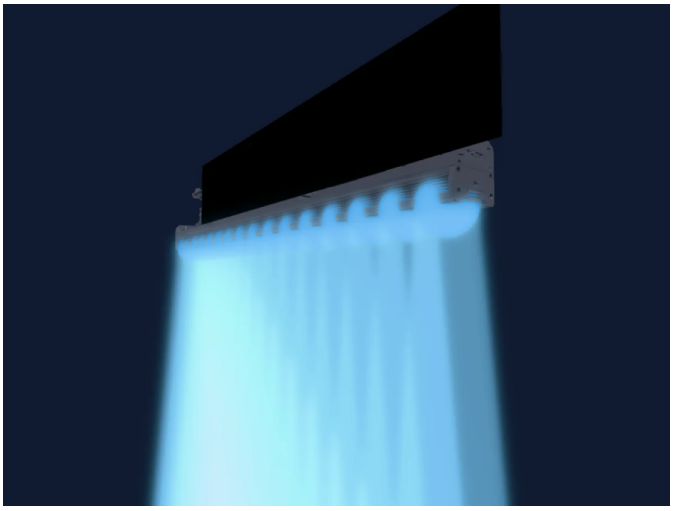
Eagle Lite

Falcon Bar400



Manufacturer	**Eagle Lite**
Type	**LED bar**
DMX modes	**8**
DMX footprint	**3, 4, 9, 13 channels**
Beam angle	**10°**
Size (W × H × D)	**1025 × 110 × 68 mm**
GDTF fixture type	**34C7B61E-3BA3-46A3-A1F1-69…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer

Safety-relevant functions

Strobe

DMX modes

Basic Macro/CTO 3CH	3 ch
Basic 32CH	4 ch
Basic 64CH	4 ch
RGBW 4CH	4 ch
16 pix dimmer 25ch	9 ch
73Ch	9 ch
RGBW+ 9CH	9 ch
RGBW++ 13CH	13 ch

Basic Macro/CTO 3CH

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Color Macro1	0	
3	C TO	0	0–7 No Function / Open 8–29 2700K (wheel slot 2) 30–51 3200K (wheel slot 3) 52–73 3500K (wheel slot 4) 74–95 4000K (wheel slot 5) 96–117 4500K (wheel slot 6) 118–139 5000K (wheel slot 7) 140–161 5600K (wheel slot 8) 162–183 6000K (wheel slot 9) 184–205 6500K (wheel slot 10) 206–227 7000K (wheel slot 11) 228–249 7500K (wheel slot 12) 250–255 8000K (wheel slot 13)

Basic 32CH

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	

Basic 64CH

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	

RGBW 4CH

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	

16 pix dimmer 25ch

9 channels

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

16 pix dimmer 25ch (continued)

Ch	Function	Default	DMX values
2	Function	0	0–44 NO FUNCTION / Open 45–49 Pixel On Orientation 50–54 Pixel Off Orientation 55–59 Dimmer Curve Linear 60–64 Dimmer Curve Square Law 65–69 Dimmer Curve Inverse Square Law 70–74 Dimmer Curve S-Curve 75–89 No Function 90–94 COLOR CAL ON 95–99 COLOR CAL OFF 100–114 No Function 115–119 Refresh Rate 600Hz 120–124 Refresh Rate 1200Hz 125–129 Refresh Rate 2400Hz 130–134 Refresh Rate 4800Hz 135–139 Refresh Rate 9800Hz 140–144 Refresh Rate 12000Hz 145–149 Refresh Rate 18000Hz 150–154 Record user color 1 (Hold 3S) 155–159 Record user color 2 (Hold 3S) 160–164 Record user color 3 (Hold 3S) 165–169 Record user color 4 (Hold 3S) 170–174 Record user color 5 (Hold 3S) 175–179 Record user color 6 (Hold 3S) 180–184 Record user color 7 (Hold 3S) 185–189 Record user color 8 (Hold 3S) 190–249 No Function/Open 250–255 Illuminate display
3	Red	255	
4	Green	255	
5	Blue	255	
6	White	0	
7	Shutter / Strobe	1	0–9 No function 10–81 Strobe Slow -> Fast 82–91 No function/Open 92–163 Strobe Pulse Slow -> Fast 164–173 No function/Open 174–245 Random Strobe 246–255 No function/Open
8	Color Macro1	0	
9	Dimmer Mode	0	0–49 No Function / Open 50–99 Dimmer Speed 1 (fade time 0s) 100–149 Dimmer Speed 2 (fade time 2s) 150–199 Dimmer Speed 3 (fade time 3s) 200–255 Dimmer Speed 4 (fade time 4s)

73Ch

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

73Ch (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	1	0–9 No function 10–81 Strobe Slow -> Fast 82–91 No function/Open 92–163 Strobe Pulse Slow -> Fast 164–173 No function/Open 174–245 Random Strobe 246–255 No function/Open
4	Function	0	0–44 NO FUNCTION / Open 45–49 Pixel On Orientation 50–54 Pixel Off Orientation 55–59 Dimmer Curve Linear 60–64 Dimmer Curve Square Law 65–69 Dimmer Curve Inverse Square Law 70–74 Dimmer Curve S-Curve 75–89 No Function 90–94 COLOR CAL ON 95–99 COLOR CAL OFF 100–114 No Function 115–119 Refresh Rate 600Hz 120–124 Refresh Rate 1200Hz 125–129 Refresh Rate 2400Hz 130–134 Refresh Rate 4800Hz 135–139 Refresh Rate 9800Hz 140–144 Refresh Rate 12000Hz 145–149 Refresh Rate 18000Hz 150–154 Record user color 1 (Hold 3S) 155–159 Record user color 2 (Hold 3S) 160–164 Record user color 3 (Hold 3S) 165–169 Record user color 4 (Hold 3S) 170–174 Record user color 5 (Hold 3S) 175–179 Record user color 6 (Hold 3S) 180–184 Record user color 7 (Hold 3S) 185–189 Record user color 8 (Hold 3S) 190–249 No Function/Open 250–255 Illuminate display
5	Dimmer Mode	0	0–49 No Function / Open 50–99 Dimmer Speed 1 (fade time 0s) 100–149 Dimmer Speed 2 (fade time 2s) 150–199 Dimmer Speed 3 (fade time 3s) 200–255 Dimmer Speed 4 (fade time 4s)
6	Color Macro1	0	

73Ch (continued)

Ch	Function	Default	DMX values
7	Auto	0	0–5 No Function / Open 6–10 Auto 1 11–16 Auto 2 17–22 Auto 3 23–28 Auto 4 29–34 Auto 5 35–40 Auto 6 41–46 Auto 7 47–52 Auto 8 53–58 Auto 9 59–64 Auto 10 65–70 Auto 11 71–76 Auto 12 77–82 Auto 13 83–88 Auto 14 89–94 Auto 15 95–100 Auto 16 101–106 Auto 17 107–112 Auto 18 113–118 Auto 19 119–125 Auto 20 126–130 Auto 21 131–255 Auto 22
8	Auto Speedconm	0	0–1 No Function / Open 2–27 Speed 1 28–55 Speed 2 56–83 Speed 3 84–111 Speed 4 112–139 Speed 5 140–167 Speed 6 168–195 Speed 7 196–223 Speed 8 224–251 Speed 9 252–255 Speed 10
9	Effects1Fade	0	

RGBW+ 9CH

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Green	255	
5	Blue	255	
6	White	0	
7	Shutter / Strobe	1	0–9 No function 10–81 Strobe Slow -> Fast 82–91 No function/Open 92–163 Strobe Pulse Slow -> Fast 164–173 No function/Open 174–245 Random Strobe 246–255 No function/Open
8	Dimmer Mode	0	0–49 No Function / Open 50–99 Dimmer Speed 1 (fade time 0s) 100–149 Dimmer Speed 2 (fade time 2s) 150–199 Dimmer Speed 3 (fade time 3s) 200–255 Dimmer Speed 4 (fade time 4s)

RGBW+ 9CH (continued)

Ch	Function	Default	DMX values
9	Function	0	0–44 NO FUNCTION / Open 45–49 Pixel On Orientation 50–54 Pixel Off Orientation 55–59 Dimmer Curve Linear 60–64 Dimmer Curve Square Law 65–69 Dimmer Curve Inverse Square Law 70–74 Dimmer Curve S-Curve 75–89 No Function 90–94 COLOR CAL ON 95–99 COLOR CAL OFF 100–114 No Function 115–119 Refresh Rate 600Hz 120–124 Refresh Rate 1200Hz 125–129 Refresh Rate 2400Hz 130–134 Refresh Rate 4800Hz 135–139 Refresh Rate 9800Hz 140–144 Refresh Rate 12000Hz 145–149 Refresh Rate 18000Hz 150–154 Record user color 1 (Hold 3S) 155–159 Record user color 2 (Hold 3S) 160–164 Record user color 3 (Hold 3S) 165–169 Record user color 4 (Hold 3S) 170–174 Record user color 5 (Hold 3S) 175–179 Record user color 6 (Hold 3S) 180–184 Record user color 7 (Hold 3S) 185–189 Record user color 8 (Hold 3S) 190–249 No Function/Open 250–255 Illuminate display

RGBW++ 13CH

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Green	255	
5	Blue	255	
6	White	0	
7	Shutter / Strobe	1	0–9 No function 10–81 Strobe Slow -> Fast 82–91 No function/Open 92–163 Strobe Pulse Slow -> Fast 164–173 No function/Open 174–245 Random Strobe 246–255 No function/Open
8	Color Macro1	0	
9	Dimmer Mode	0	0–49 No Function / Open 50–99 Dimmer Speed 1 (fade time 0s) 100–149 Dimmer Speed 2 (fade time 2s) 150–199 Dimmer Speed 3 (fade time 3s) 200–255 Dimmer Speed 4 (fade time 4s)

RGBW++ 13CH (continued)

Ch	Function	Default	DMX values
10	Function	0	0–44 NO FUNCTION / Open 45–49 Pixel On Orientation 50–54 Pixel Off Orientation 55–59 Dimmer Curve Linear 60–64 Dimmer Curve Square Law 65–69 Dimmer Curve Inverse Square Law 70–74 Dimmer Curve S-Curve 75–89 No Function 90–94 COLOR CAL ON 95–99 COLOR CAL OFF 100–114 No Function 115–119 Refresh Rate 600Hz 120–124 Refresh Rate 1200Hz 125–129 Refresh Rate 2400Hz 130–134 Refresh Rate 4800Hz 135–139 Refresh Rate 9800Hz 140–144 Refresh Rate 12000Hz 145–149 Refresh Rate 18000Hz 150–154 Record user color 1 (Hold 3S) 155–159 Record user color 2 (Hold 3S) 160–164 Record user color 3 (Hold 3S) 165–169 Record user color 4 (Hold 3S) 170–174 Record user color 5 (Hold 3S) 175–179 Record user color 6 (Hold 3S) 180–184 Record user color 7 (Hold 3S) 185–189 Record user color 8 (Hold 3S) 190–249 No Function/Open 250–255 Illuminate display
11	Auto	0	0–5 No Function / Open 6–10 Auto 1 11–16 Auto 2 17–22 Auto 3 23–28 Auto 4 29–34 Auto 5 35–40 Auto 6 41–46 Auto 7 47–52 Auto 8 53–58 Auto 9 59–64 Auto 10 65–70 Auto 11 71–76 Auto 12 77–82 Auto 13 83–88 Auto 14 89–94 Auto 15 95–100 Auto 16 101–106 Auto 17 107–112 Auto 18 113–118 Auto 19 119–125 Auto 20 126–130 Auto 21 131–255 Auto 22
12	Auto Speedconm	0	0–1 No Function / Open 2–27 Speed 1 28–55 Speed 2 56–83 Speed 3 84–111 Speed 4 112–139 Speed 5 140–167 Speed 6 168–195 Speed 7 196–223 Speed 8 224–251 Speed 9 252–255 Speed 10

RGBW++ 13CH (continued)

Ch	Function	Default	DMX values
13	Effects1Fade	0	