Prolights

EclFresnel2KTW



Manufacturer	**Prolights**
Type	**Spot**
DMX modes	**14**
DMX footprint	**1, 2, 5, 7, 8, 9, 11, 12, 13, 16, 19, 21 channels**
Beam angle	**17-52°**
Size (W × H × D)	**280 × 456 × 364 mm**
GDTF fixture type	**498FE623-BCAC-4CF6-A183-BA…**

Controls

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

DMX modes

1ch	1 ch
2ch	2 ch
5ch1	5 ch
5ch2	5 ch
7ch1	7 ch
7ch2	7 ch
8ch	8 ch
9ch	9 ch
11ch	11 ch
12ch	12 ch
13ch	13 ch
16ch	16 ch
19ch	19 ch
21ch	21 ch

1ch

1 channel

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

2ch

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

5ch1

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	0	0–10 2800K-3000K (wheel slot 1) 11–17 3000K-3200K (wheel slot 2) 18–24 3200K-3400K (wheel slot 3) 25–31 3400K-3600K (wheel slot 4) 32–38 3600K-3800K (wheel slot 5) 39–45 3800K-4000K (wheel slot 6) 46–52 4000K-4200K (wheel slot 7) 53–59 4200K-4400K (wheel slot 8) 60–66 4400K-4600K (wheel slot 9) 67–73 4600K-4800K (wheel slot 10) 74–80 4800K-5000K (wheel slot 11) 81–87 5000K-5200K (wheel slot 12) 88–94 5200K-5400K (wheel slot 13) 95–101 5400K-5600K (wheel slot 14) 102–108 5600K-5800K (wheel slot 15) 109–115 5800K-6000K (wheel slot 16) 116–122 6000K-6200K (wheel slot 17) 123–129 6200K-6400K (wheel slot 18) 130–136 6400K-6600K (wheel slot 19) 137–143 6600K-6800K (wheel slot 20) 144–150 6800K-7000K (wheel slot 21) 151–157 7000K-7200K (wheel slot 22) 158–164 7200K-7400K (wheel slot 23) 165–171 7400K-7600K (wheel slot 24) 172–178 7600K-7800K (wheel slot 25) 179–185 7800K-8000K (wheel slot 26) 186–192 8000K-8200K (wheel slot 27) 193–199 8200K-8400K (wheel slot 28) 200–206 8400K-8600K (wheel slot 29) 207–213 8600K-8800K (wheel slot 30) 214–220 8800K-9000K (wheel slot 31) 221–227 9000K-9200K (wheel slot 32) 228–234 9200K-9400K (wheel slot 33) 235–241 9400K-9600K (wheel slot 34) 242–249 9600K-98000K (wheel slot 35) 250–252 9800K-10000K (wheel slot 36) 253–255 ColorMIx

5ch1 (continued)

Ch	Function	Default	DMX values
3	Tint	0	0–0 Tint 0 1–126 Tint -25 127–127 Tint 0 128–254 Tint 0 255–255 Tint 25
4	Color Macro1	0	0–2 NoFunction 3–5 AmberShiftOn 6–40 Red (wheel slot 1) 41–75 Red+Green (wheel slot 2) 76–109 Green (wheel slot 3) 110–145 Green + Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue + Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
5	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

5ch2

5 channels

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

5ch2 (continued)

Ch	Function	Default	DMX values
3	C TC	0	0–10 2800K-3000K (wheel slot 1) 11–17 3000K-3200K (wheel slot 2) 18–24 3200K-3400K (wheel slot 3) 25–31 3400K-3600K (wheel slot 4) 32–38 3600K-3800K (wheel slot 5) 39–45 3800K-4000K (wheel slot 6) 46–52 4000K-4200K (wheel slot 7) 53–59 4200K-4400K (wheel slot 8) 60–66 4400K-4600K (wheel slot 9) 67–73 4600K-4800K (wheel slot 10) 74–80 4800K-5000K (wheel slot 11) 81–87 5000K-5200K (wheel slot 12) 88–94 5200K-5400K (wheel slot 13) 95–101 5400K-5600K (wheel slot 14) 102–108 5600K-5800K (wheel slot 15) 109–115 5800K-6000K (wheel slot 16) 116–122 6000K-6200K (wheel slot 17) 123–129 6200K-6400K (wheel slot 18) 130–136 6400K-6600K (wheel slot 19) 137–143 6600K-6800K (wheel slot 20) 144–150 6800K-7000K (wheel slot 21) 151–157 7000K-7200K (wheel slot 22) 158–164 7200K-7400K (wheel slot 23) 165–171 7400K-7600K (wheel slot 24) 172–178 7600K-7800K (wheel slot 25) 179–185 7800K-8000K (wheel slot 26) 186–192 8000K-8200K (wheel slot 27) 193–199 8200K-8400K (wheel slot 28) 200–206 8400K-8600K (wheel slot 29) 207–213 8600K-8800K (wheel slot 30) 214–220 8800K-9000K (wheel slot 31) 221–227 9000K-9200K (wheel slot 32) 228–234 9200K-9400K (wheel slot 33) 235–241 9400K-9600K (wheel slot 34) 242–249 9600K-98000K (wheel slot 35) 250–252 9800K-10000K (wheel slot 36) 253–255 ColorMIx
4	Color Macro1	0	0–2 NoFunction 3–5 AmberShiftOn 6–40 Red (wheel slot 1) 41–75 Red+Green (wheel slot 2) 76–109 Green (wheel slot 3) 110–145 Green + Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue + Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
5	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

7ch1

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Color Add RY	255	
3	Green	255	

7ch1 (continued)

Ch	Function	Default	DMX values
4	Color Add BC	255	
5	Blue	255	
6	Color Add GY	255	
7	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

7ch2

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Color Add RY	255	
4	Green	255	
5	Color Add BC	255	
6	Blue	255	
7	Color Add GY	255	

8ch

8 channels

Ch	Function	Default	DMX values
1	Color Macro1	0	
2	Dimmer	0	0–254 Closed 255–255 Open
3	Red	255	
4	Color Add RY	255	
5	Green	255	
6	Color Add BC	255	
7	Blue	255	
8	Color Add GY	255	

9ch

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Color Add RY	255	
4	Green	255	
5	Color Add BC	255	
6	Blue	255	
7	Color Add GY	255	
8	Shutter / Strobe	10	0–10 Open 11–92 Strobe · Slow 0.9–5.58 Hz 93–173 Strobe · Mid 5.64–10.3 Hz 174–255 Strobe · Fast 10.3–15 Hz

9ch (continued)

Ch	Function	Default	DMX values
9	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

11ch

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	0	0–7 2800K-3000K (wheel slot 1) 8–14 3000K-3200K (wheel slot 2) 15–21 3200K-3400K (wheel slot 3) 22–28 3400K-3600K (wheel slot 4) 29–35 3600K-3800K (wheel slot 5) 36–42 3800K-4000K (wheel slot 6) 43–49 4000K-4200K (wheel slot 7) 50–56 4200K-4400K (wheel slot 8) 57–63 4400K-4600K (wheel slot 9) 64–70 4600K-4800K (wheel slot 10) 71–77 4800K-5000K (wheel slot 11) 78–84 5000K-5200K (wheel slot 12) 85–91 5200K-5400K (wheel slot 13) 92–98 5400K-5600K (wheel slot 14) 99–105 5600K-5800K (wheel slot 15) 106–112 5800K-6000K (wheel slot 16) 113–119 6000K-6200K (wheel slot 17) 120–126 6200K-6400K (wheel slot 18) 127–133 6400K-6600K (wheel slot 19) 134–140 6600K-6800K (wheel slot 20) 141–147 6800K-7000K (wheel slot 21) 148–154 7000K-7200K (wheel slot 22) 155–161 7200K-7400K (wheel slot 23) 162–168 7400K-7600K (wheel slot 24) 169–175 7600K-7800K (wheel slot 25) 176–182 7800K-8000K (wheel slot 26) 183–189 8000K-8200K (wheel slot 27) 190–196 8200K-8400K (wheel slot 28) 197–203 8400K-8600K (wheel slot 29) 204–210 8600K-8800K (wheel slot 30) 211–217 8800K-9000K (wheel slot 31) 218–224 9000K-9200K (wheel slot 32) 225–231 9200K-9400K (wheel slot 33) 232–238 9400K-9600K (wheel slot 34) 239–245 9600K-98000K (wheel slot 35) 246–255 9800K-10000K (wheel slot 36)
4	Tint	128	0–126 Tint -25 127–254 Tint 0 255–255 Tint +25
5	Color Xfade	0	0–254 CTC 255–255 ColorMix
6	Red	255	
7	Color Add RY	255	
8	Green	255	
9	Color Add BC	255	
10	Blue	255	

11ch (continued)

Ch	Function	Default	DMX values
11	Color Add GY	255	

12ch

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	10	0–10 Open 11–92 Strobe · Slow 0.9–5.58 Hz 93–173 Strobe · Mid 5.64–10.3 Hz 174–255 Strobe · Fast 10.3–15 Hz
3	Red	255	
4	Color Add RY	0	
5	Green	255	
6	Color Add BC	255	
7	Blue	255	
8	Color Add GY	255	
9	C TC	0	0–10 2800K-3000K (wheel slot 1) 11–17 3000K-3200K (wheel slot 2) 18–24 3200K-3400K (wheel slot 3) 25–31 3400K-3600K (wheel slot 4) 32–38 3600K-3800K (wheel slot 5) 39–45 3800K-4000K (wheel slot 6) 46–52 4000K-4200K (wheel slot 7) 53–59 4200K-4400K (wheel slot 8) 60–66 4400K-4600K (wheel slot 9) 67–73 4600K-4800K (wheel slot 10) 74–80 4800K-5000K (wheel slot 11) 81–87 5000K-5200K (wheel slot 12) 88–94 5200K-5400K (wheel slot 13) 95–101 5400K-5600K (wheel slot 14) 102–108 5600K-5800K (wheel slot 15) 109–115 5800K-6000K (wheel slot 16) 116–122 6000K-6200K (wheel slot 17) 123–129 6200K-6400K (wheel slot 18) 130–136 6400K-6600K (wheel slot 19) 137–143 6600K-6800K (wheel slot 20) 144–150 6800K-7000K (wheel slot 21) 151–157 7000K-7200K (wheel slot 22) 158–164 7200K-7400K (wheel slot 23) 165–171 7400K-7600K (wheel slot 24) 172–178 7600K-7800K (wheel slot 25) 179–185 7800K-8000K (wheel slot 26) 186–192 8000K-8200K (wheel slot 27) 193–199 8200K-8400K (wheel slot 28) 200–206 8400K-8600K (wheel slot 29) 207–213 8600K-8800K (wheel slot 30) 214–220 8800K-9000K (wheel slot 31) 221–227 9000K-9200K (wheel slot 32) 228–234 9200K-9400K (wheel slot 33) 235–241 9400K-9600K (wheel slot 34) 242–249 9600K-98000K (wheel slot 35) 250–252 9800K-10000K (wheel slot 36) 253–255 ColorMIx

12ch (continued)

Ch	Function	Default	DMX values
10	Tint	0	0–0 Tint 0 1–126 Tint -25 127–127 Tint 0 128–254 Tint 0 255–255 Tint 25
11	Color Macro1	0	0–2 NoFunction 3–5 AmberShiftOn 6–40 Red (wheel slot 1) 41–75 Red+Green (wheel slot 2) 76–109 Green (wheel slot 3) 110–145 Green + Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue + Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
12	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

13ch

13 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Color Add RY	255	
4	Color Add RY Fine	255	Fine byte of Color Add RY
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Color Add BC	255	
8	Color Add BC Fine	255	Fine byte of Color Add BC
9	Blue	255	
10	Blue Fine	255	Fine byte of Blue
11	Color Add GY	255	
12	Color Add GY Fine	255	Fine byte of Color Add GY
13	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

16ch

16 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	Red Fine	255	Fine byte of Red
5	Color Add RY	255	
6	Color Add RY Fine	255	Fine byte of Color Add RY

16ch (continued)

Ch	Function	Default	DMX values
7	Green	255	
8	Green Fine	255	Fine byte of Green
9	Color Add BC	255	
10	Color Add BC Fine	255	Fine byte of Color Add BC
11	Blue	255	
12	Blue Fine	255	Fine byte of Blue
13	Color Add GY	255	
14	Color Add GY Fine	255	Fine byte of Color Add GY
15	Shutter / Strobe	10	0–10 Open 11–92 Strobe · Slow 0.9–5.58 Hz 93–173 Strobe · Mid 5.64–10.3 Hz 174–255 Strobe · Fast 10.3–15 Hz
16	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

19ch

19 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	Red Fine	255	Fine byte of Red
5	Color Add RY	0	
6	Color Add RY Fine	0	Fine byte of Color Add RY
7	Green	255	
8	Green Fine	255	Fine byte of Green
9	Color Add BC	0	
10	Color Add BC Fine	0	Fine byte of Color Add BC
11	Blue	255	
12	Blue Fine	255	Fine byte of Blue
13	Color Add GY	0	
14	Color Add GY Fine	0	Fine byte of Color Add GY
15	Shutter / Strobe	10	0–10 Open 11–92 Strobe · Slow 0.9–5.58 Hz 93–173 Strobe · Mid 5.64–10.3 Hz 174–255 Strobe · Fast 10.3–15 Hz

19ch (continued)

Ch	Function	Default	DMX values
16	C TC	0	0–10 2800K-3000K (wheel slot 1) 11–17 3000K-3200K (wheel slot 2) 18–24 3200K-3400K (wheel slot 3) 25–31 3400K-3600K (wheel slot 4) 32–38 3600K-3800K (wheel slot 5) 39–45 3800K-4000K (wheel slot 6) 46–52 4000K-4200K (wheel slot 7) 53–59 4200K-4400K (wheel slot 8) 60–66 4400K-4600K (wheel slot 9) 67–73 4600K-4800K (wheel slot 10) 74–80 4800K-5000K (wheel slot 11) 81–87 5000K-5200K (wheel slot 12) 88–94 5200K-5400K (wheel slot 13) 95–101 5400K-5600K (wheel slot 14) 102–108 5600K-5800K (wheel slot 15) 109–115 5800K-6000K (wheel slot 16) 116–122 6000K-6200K (wheel slot 17) 123–129 6200K-6400K (wheel slot 18) 130–136 6400K-6600K (wheel slot 19) 137–143 6600K-6800K (wheel slot 20) 144–150 6800K-7000K (wheel slot 21) 151–157 7000K-7200K (wheel slot 22) 158–164 7200K-7400K (wheel slot 23) 165–171 7400K-7600K (wheel slot 24) 172–178 7600K-7800K (wheel slot 25) 179–185 7800K-8000K (wheel slot 26) 186–192 8000K-8200K (wheel slot 27) 193–199 8200K-8400K (wheel slot 28) 200–206 8400K-8600K (wheel slot 29) 207–213 8600K-8800K (wheel slot 30) 214–220 8800K-9000K (wheel slot 31) 221–227 9000K-9200K (wheel slot 32) 228–234 9200K-9400K (wheel slot 33) 235–241 9400K-9600K (wheel slot 34) 242–249 9600K-98000K (wheel slot 35) 250–252 9800K-10000K (wheel slot 36) 253–255 ColorMIx
17	Tint	0	0–0 Tint 0 1–126 Tint -25 127–127 Tint 0 128–254 Tint 0 255–255 Tint 25
18	Color Macro1	0	0–2 NoFunction 3–5 AmberShiftOn 6–40 Red (wheel slot 1) 41–75 Red+Green (wheel slot 2) 76–109 Green (wheel slot 3) 110–145 Green + Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue + Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
19	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

21ch

21 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–30 Open 31–99 Strobe slow 100–100 Strobe fast 101–130 Open 131–199 Random Slow 200–200 Random Fast 201–255 Open
4	C TC	0	0–7 2800K-3000K (wheel slot 1) 8–14 3000K-3200K (wheel slot 2) 15–21 3200K-3400K (wheel slot 3) 22–28 3400K-3600K (wheel slot 4) 29–35 3600K-3800K (wheel slot 5) 36–42 3800K-4000K (wheel slot 6) 43–49 4000K-4200K (wheel slot 7) 50–56 4200K-4400K (wheel slot 8) 57–63 4400K-4600K (wheel slot 9) 64–70 4600K-4800K (wheel slot 10) 71–77 4800K-5000K (wheel slot 11) 78–84 5000K-5200K (wheel slot 12) 85–91 5200K-5400K (wheel slot 13) 92–98 5400K-5600K (wheel slot 14) 99–105 5600K-5800K (wheel slot 15) 106–112 5800K-6000K (wheel slot 16) 113–119 6000K-6200K (wheel slot 17) 120–126 6200K-6400K (wheel slot 18) 127–133 6400K-6600K (wheel slot 19) 134–140 6600K-6800K (wheel slot 20) 141–147 6800K-7000K (wheel slot 21) 148–154 7000K-7200K (wheel slot 22) 155–161 7200K-7400K (wheel slot 23) 162–168 7400K-7600K (wheel slot 24) 169–175 7600K-7800K (wheel slot 25) 176–182 7800K-8000K (wheel slot 26) 183–189 8000K-8200K (wheel slot 27) 190–196 8200K-8400K (wheel slot 28) 197–203 8400K-8600K (wheel slot 29) 204–210 8600K-8800K (wheel slot 30) 211–217 8800K-9000K (wheel slot 31) 218–224 9000K-9200K (wheel slot 32) 225–231 9200K-9400K (wheel slot 33) 232–238 9400K-9600K (wheel slot 34) 239–245 9600K-98000K (wheel slot 35) 246–255 9800K-10000K (wheel slot 36)
5	Tint	128	0–126 Tint -25 127–254 Tint 0 255–255 Tint +25
6	Color Xfade	0	0–254 CTC 255–255 ColorMix
7	Red	255	
8	Red Fine	255	Fine byte of Red
9	Color Add RY	255	
10	Color Add RY Fine	255	Fine byte of Color Add RY
11	Green	255	
12	Green Fine	255	Fine byte of Green
13	Color Add BC	255	

21ch (continued)

Ch	Function	Default	DMX values
14	Color Add BC Fine	255	Fine byte of Color Add BC
15	Blue	255	
16	Blue Fine	255	Fine byte of Blue
17	Color Add GY	255	
18	Color Add GY Fine	255	Fine byte of Color Add GY
19	Color Macro1	0	0–2 NoFunction 3–5 AmberShiftOn 6–40 Red (wheel slot 1) 41–75 Red+Green (wheel slot 2) 76–109 Green (wheel slot 3) 110–145 Green + Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue + Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
20	Color Control	0	0–254 CTO On Colors off 255–255 CTO On Colors on
21	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow