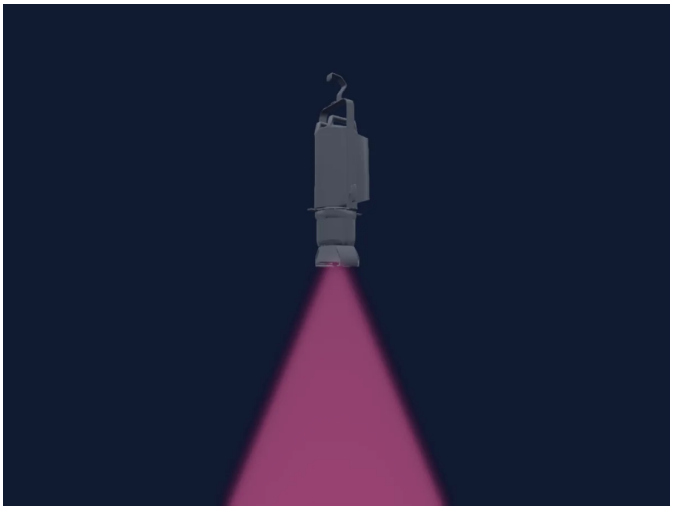
Prolights

EclProfileTWC_50



Manufacturer	**Prolights**
Type	**Profile spot**
DMX modes	**13**
DMX footprint	**1, 2, 5, 7, 8, 9, 12, 13, 16, 19, 21 channels**
Beam angle	**45.8°**
Pan range	**360°**
Tilt range	**320°**
Size (W × H × D)	**30 × 122 × 84 mm**
GDTF fixture type	**AE7BB404-A03A-47B0-949C-2C…**

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
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	
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) 250–255 9800K-10000K (wheel slot 36)

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 6–255 ColorMacro
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
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) 250–255 9800K-10000K (wheel slot 36)
4	Color Macro1	0	0–2 NoFunction 3–5 AmberShiftOn 6–255 ColorMacro

5ch2 (continued)

Ch	Function	Default	DMX values
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	0	
3	Green	255	
4	Color Add BC	0	
5	Blue	255	
6	Color Add GY	0	
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	0	
4	Green	255	
5	Color Add BC	0	
6	Blue	255	
7	Color Add GY	0	

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	0	
5	Green	255	
6	Color Add BC	0	
7	Blue	255	
8	Color Add GY	0	

9ch

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Color Add RY	0	
4	Green	255	
5	Color Add BC	0	
6	Blue	255	
7	Color Add GY	0	
8	Shutter / Strobe	10	0–10 Open 11–127 Shutter1Strobe · Slow 1–14.8 Hz 128–254 Shutter1Strobe · Mid 14.9–29.9 Hz 255–255 Shutter1Strobe · Fast 30 Hz
9	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow

12ch

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	10	0–10 Open 11–127 Shutter1Strobe · Slow 1–14.8 Hz 128–254 Shutter1Strobe · Mid 14.9–29.9 Hz 255–255 Shutter1Strobe · Fast 30 Hz
3	Red	255	
4	Color Add RY	0	
5	Green	255	
6	Color Add BC	0	
7	Blue	255	
8	Color Add GY	0	

12ch (continued)

Ch	Function	Default	DMX values
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
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 6–255 ColorMacro
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	0	
4	Color Add RY Fine	0	Fine byte of Color Add RY
5	Green	255	

13ch (continued)

Ch	Function	Default	DMX values
6	Green Fine	255	Fine byte of Green
7	Color Add BC	0	
8	Color Add BC Fine	0	Fine byte of Color Add BC
9	Blue	255	
10	Blue Fine	255	Fine byte of Blue
11	Color Add GY	0	
12	Color Add GY Fine	0	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	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 11–127 Shutter1Strobe · Slow 1–14.8 Hz 128–254 Shutter1Strobe · Mid 14.9–29.9 Hz 255–255 Shutter1Strobe · Fast 30 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

19ch (continued)

Ch	Function	Default	DMX values
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 11–127 Shutter1Strobe · Slow 1–14.8 Hz 128–254 Shutter1Strobe · Mid 14.9–29.9 Hz 255–255 Shutter1Strobe · Fast 30 Hz
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

19ch (continued)

Ch	Function	Default	DMX values
18	Color Macro1	0	0–2 NoFunction 3–5 AmberShiftOn 6–255 ColorMacro
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	10	0–10 Open 11–127 Shutter1Strobe · Slow 1–14.8 Hz 128–254 Shutter1Strobe · Mid 14.9–29.9 Hz 255–255 Shutter1Strobe · Fast 30 Hz
4	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) 250–255 9800K-10000K (wheel slot 36)

21ch (continued)

Ch	Function	Default	DMX values
5	Tint	0	0–125 Tint 0 126–126 Tint -25 127–127 Tint 0 128–254 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	0	
10	Color Add RY Fine	0	Fine byte of Color Add RY
11	Green	255	
12	Green Fine	255	Fine byte of Green
13	Color Add BC	0	
14	Color Add BC Fine	0	Fine byte of Color Add BC
15	Blue	255	
16	Blue Fine	255	Fine byte of Blue
17	Color Add GY	0	
18	Color Add GY Fine	0	Fine byte of Color Add GY
19	Color Macro1	0	0–2 NoFunction 3–5 AmberShiftOn 6–255 ColorMacro
20	Color Control	0	
21	Dimmer Mode	0	0–51 AsFromMenu 52–101 DimmerCurveOff 102–152 DimmerCurveFast 153–203 DimmerCurveMiddle 204–255 DimmerCurveSlow