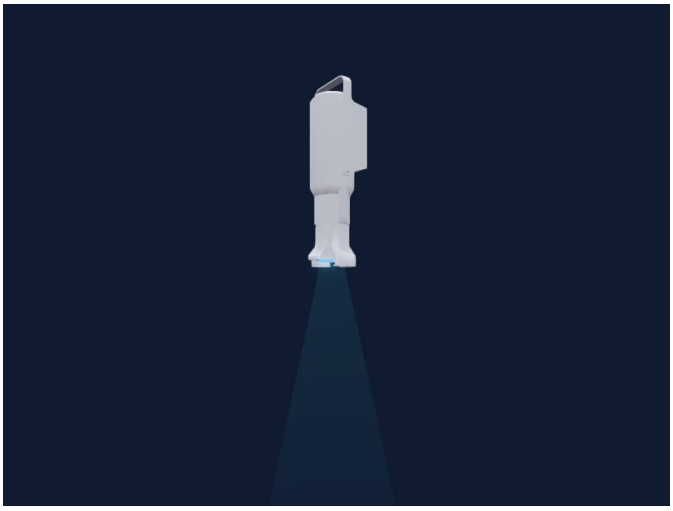
EK Lights

eProfile VW 500



Manufacturer	**EK Lights**
Type	**Profile spot**
DMX modes	**9**
DMX footprint	**1, 3, 4, 5, 7, 11, 13, 17 channels**
Beam angle	**25°**
Size (W × H × D)	**213 × 374 × 35 mm**
GDTF fixture type	**12AC4E5D-962E-4329-85FE-F9…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

1CH	1 ch
HSV	3 ch
4CH	4 ch
5CH	5 ch
7CH	7 ch
11CH	11 ch
13CH1	13 ch
13CH2	13 ch
17CH	17 ch

1CH

1 channel

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

HSV

3 channels

Ch	Function	Default	DMX values
1	H SBHue	0	
2	H SBSaturation	0	
3	Dimmer	0	0–254 Closed 255–255 Open

4CH

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Color Macro1	0	0–5 Open 6–13 C3050 Md Yelllow 14–21 C3040 Lt Yellow 22–28 C3240 Amb Yellow 29–35 C2340 VLt Amber 36–43 C2040 Lt Amber 44–51 C2050 Md Amber 52–59 C2060 Dk Amber 60–67 C1050 Lt Red 68–75 C1080 Md Red 76–83 C1020 NC Pink 84–91 C1030 Md Pink 92–99 C1630 Dk Pink 100–107 C1250 Md Red Amber 108–115 C1060 Dk Red Amber 116–121 C1650 Magenta 122–130 C6170 Dk Magenta 131–138 C6020 Lt Lavender 139–146 C5030 Lt Blue 147–154 C5020 VLt Blue 155–162 C5430 Lt Blue 2 163–170 C5070 Blue 171–178 C5050 Md Blue 179–186 C5060 Dk Blue 187–194 C5690 Indigo 195–202 C5080 VDk Blue 203–210 C5081 VDk Blue 2 211–218 C4370 Yel Green 219–226 C4070 Green 227–234 C4550 Turquoise 235–242 C4560 Aqua 243–254 C4570 Blue Green 255–255 No Function

4CH (continued)

Ch	Function	Default	DMX values
3	C TO	0	0–5 Open 6–12 2800K - 2900K 13–19 2900K - 3000K 20–26 3000K - 3100K 27–33 3100K - 3200K 34–40 3200K - 3300K 41–47 3300K - 3400K 48–54 3400K - 3500K 55–61 3500K - 3600K 62–68 3600K - 3700K 69–75 3700K - 3800K 76–82 3800K - 3900K 83–89 3900K - 4000K 90–96 4000K - 4100K 97–103 4100K - 4200K 104–110 4200K - 4300K 111–117 4300K - 4400K 118–124 4400K - 4500K 125–131 4500K - 4600K 132–138 4600K - 4700K 139–145 4700K - 4800K 146–152 4800K - 4900K 153–159 4900K - 5000K 160–166 5000K - 5100K 167–173 5100K - 5200K 174–180 5200K - 5300K 181–187 5300K - 5400K 188–194 5400K - 5500K 195–201 5500K - 5600K 202–208 5600K - 5700K 209–215 5700K - 6000K 216–222 6000K - 6500K 223–229 6500K - 7000K 230–236 7000K - 7500K 237–243 7500K - 8000K 244–255 8000K
4	Video Hue Shift	0	0–0 0 1–127 -25 degrees 128–254 Centre 255–255 25 degrees

5CH

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	255	
5	Color Add GY	255	

7CH

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	

7CH (continued)

Ch	Function	Default	DMX values
4	Blue	255	
5	Color Add RY	255	
6	Color Add GY	255	
7	Shutter / Strobe	0	0–10 Open 11–255 Strobe

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	Red	255	
4	Green	255	
5	Blue	255	
6	Color Add RY	255	
7	Color Add GY	255	
8	Shutter / Strobe	0	0–10 Open 11–255 Strobe
9	Color Macro1	0	0–5 Open 6–13 C3050 Md Yelllow 14–21 C3040 Lt Yellow 22–28 C3240 Amb Yellow 29–35 C2340 VLt Amber 36–43 C2040 Lt Amber 44–51 C2050 Md Amber 52–59 C2060 Dk Amber 60–67 C1050 Lt Red 68–75 C1080 Md Red 76–83 C1020 NC Pink 84–91 C1030 Md Pink 92–99 C1630 Dk Pink 100–107 C1250 Md Red Amber 108–115 C1060 Dk Red Amber 116–121 C1650 Magenta 122–130 C6170 Dk Magenta 131–138 C6020 Lt Lavender 139–146 C5030 Lt Blue 147–154 C5020 VLt Blue 155–162 C5430 Lt Blue 2 163–170 C5070 Blue 171–178 C5050 Md Blue 179–186 C5060 Dk Blue 187–194 C5690 Indigo 195–202 C5080 VDk Blue 203–210 C5081 VDk Blue 2 211–218 C4370 Yel Green 219–226 C4070 Green 227–234 C4550 Turquoise 235–242 C4560 Aqua 243–254 C4570 Blue Green 255–255 No Function

11CH (continued)

Ch	Function	Default	DMX values
10	C TO	0	0–5 Open 6–12 2800K - 2900K 13–19 2900K - 3000K 20–26 3000K - 3100K 27–33 3100K - 3200K 34–40 3200K - 3300K 41–47 3300K - 3400K 48–54 3400K - 3500K 55–61 3500K - 3600K 62–68 3600K - 3700K 69–75 3700K - 3800K 76–82 3800K - 3900K 83–89 3900K - 4000K 90–96 4000K - 4100K 97–103 4100K - 4200K 104–110 4200K - 4300K 111–117 4300K - 4400K 118–124 4400K - 4500K 125–131 4500K - 4600K 132–138 4600K - 4700K 139–145 4700K - 4800K 146–152 4800K - 4900K 153–159 4900K - 5000K 160–166 5000K - 5100K 167–173 5100K - 5200K 174–180 5200K - 5300K 181–187 5300K - 5400K 188–194 5400K - 5500K 195–201 5500K - 5600K 202–208 5600K - 5700K 209–215 5700K - 6000K 216–222 6000K - 6500K 223–229 6500K - 7000K 230–236 7000K - 7500K 237–243 7500K - 8000K 244–255 8000K
11	Video Hue Shift	0	0–0 0 1–127 -25 degrees 128–254 Centre 255–255 25 degrees

13CH1

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	255	
6	Color Add GY	255	
7	Shutter / Strobe	0	0–10 Open 11–255 Strobe

13CH1 (continued)

Ch	Function	Default	DMX values
8	Color Macro1	0	0–5 Open 6–13 C3050 Md Yelllow 14–21 C3040 Lt Yellow 22–28 C3240 Amb Yellow 29–35 C2340 VLt Amber 36–43 C2040 Lt Amber 44–51 C2050 Md Amber 52–59 C2060 Dk Amber 60–67 C1050 Lt Red 68–75 C1080 Md Red 76–83 C1020 NC Pink 84–91 C1030 Md Pink 92–99 C1630 Dk Pink 100–107 C1250 Md Red Amber 108–115 C1060 Dk Red Amber 116–121 C1650 Magenta 122–130 C6170 Dk Magenta 131–138 C6020 Lt Lavender 139–146 C5030 Lt Blue 147–154 C5020 VLt Blue 155–162 C5430 Lt Blue 2 163–170 C5070 Blue 171–178 C5050 Md Blue 179–186 C5060 Dk Blue 187–194 C5690 Indigo 195–202 C5080 VDk Blue 203–210 C5081 VDk Blue 2 211–218 C4370 Yel Green 219–226 C4070 Green 227–234 C4550 Turquoise 235–242 C4560 Aqua 243–254 C4570 Blue Green 255–255 No Function

13CH1 (continued)

Ch	Function	Default	DMX values
9	C TO	0	0–5 Open 6–12 2800K - 2900K 13–19 2900K - 3000K 20–26 3000K - 3100K 27–33 3100K - 3200K 34–40 3200K - 3300K 41–47 3300K - 3400K 48–54 3400K - 3500K 55–61 3500K - 3600K 62–68 3600K - 3700K 69–75 3700K - 3800K 76–82 3800K - 3900K 83–89 3900K - 4000K 90–96 4000K - 4100K 97–103 4100K - 4200K 104–110 4200K - 4300K 111–117 4300K - 4400K 118–124 4400K - 4500K 125–131 4500K - 4600K 132–138 4600K - 4700K 139–145 4700K - 4800K 146–152 4800K - 4900K 153–159 4900K - 5000K 160–166 5000K - 5100K 167–173 5100K - 5200K 174–180 5200K - 5300K 181–187 5300K - 5400K 188–194 5400K - 5500K 195–201 5500K - 5600K 202–208 5600K - 5700K 209–215 5700K - 6000K 216–222 6000K - 6500K 223–229 6500K - 7000K 230–236 7000K - 7500K 237–243 7500K - 8000K 244–255 8000K
10	Video Hue Shift	0	0–0 0 1–127 -25 degrees 128–254 Centre 255–255 25 degrees
11	Effect	0	0–10 No Function 11–60 Auto Program 1 61–110 Auto Program 2 111–160 Auto Program 3 161–210 Auto Program 4 211–255 Auto Program 5
12	Effect Speed	0	

13CH1 (continued)

Ch	Function	Default	DMX values
13	Control1	0	0–7 No Function 8–15 Dimmer Reset 16–23 Red Shift On 24–31 Red Shift Off 32–39 Dim S-Curve 40–47 Dim Linear 48–55 Dim Square 56–63 Dim Inverse Square 64–71 Dim Mode Off 72–79 Dim Mode 1 80–87 Dim Mode 2 88–95 Dim Mode 3 96–103 Fan Auto 104–111 Fan On 112–119 Fan Off 120–127 Fan Silent 128–255 No Function

13CH2

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	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add RY	255	
10	Color Add RY Fine	255	Fine byte of Color Add RY
11	Color Add GY	255	
12	Color Add GY Fine	255	Fine byte of Color Add GY
13	Shutter / Strobe	0	0–10 Open 11–255 Strobe

17CH

17 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	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add RY	255	
10	Color Add RY Fine	255	Fine byte of Color Add RY

17CH (continued)

Ch	Function	Default	DMX values
11	Color Add GY	255	
12	Color Add GY Fine	255	Fine byte of Color Add GY
13	Shutter / Strobe	0	0–10 Open 11–255 Strobe
14	Color Macro1	0	0–5 Open 6–13 C3050 Md Yelllow 14–21 C3040 Lt Yellow 22–28 C3240 Amb Yellow 29–35 C2340 VLt Amber 36–43 C2040 Lt Amber 44–51 C2050 Md Amber 52–59 C2060 Dk Amber 60–67 C1050 Lt Red 68–75 C1080 Md Red 76–83 C1020 NC Pink 84–91 C1030 Md Pink 92–99 C1630 Dk Pink 100–107 C1250 Md Red Amber 108–115 C1060 Dk Red Amber 116–121 C1650 Magenta 122–130 C6170 Dk Magenta 131–138 C6020 Lt Lavender 139–146 C5030 Lt Blue 147–154 C5020 VLt Blue 155–162 C5430 Lt Blue 2 163–170 C5070 Blue 171–178 C5050 Md Blue 179–186 C5060 Dk Blue 187–194 C5690 Indigo 195–202 C5080 VDk Blue 203–210 C5081 VDk Blue 2 211–218 C4370 Yel Green 219–226 C4070 Green 227–234 C4550 Turquoise 235–242 C4560 Aqua 243–254 C4570 Blue Green 255–255 No Function

17CH (continued)

Ch	Function	Default	DMX values
15	C TO	0	0–5 Open 6–12 2800K - 2900K 13–19 2900K - 3000K 20–26 3000K - 3100K 27–33 3100K - 3200K 34–40 3200K - 3300K 41–47 3300K - 3400K 48–54 3400K - 3500K 55–61 3500K - 3600K 62–68 3600K - 3700K 69–75 3700K - 3800K 76–82 3800K - 3900K 83–89 3900K - 4000K 90–96 4000K - 4100K 97–103 4100K - 4200K 104–110 4200K - 4300K 111–117 4300K - 4400K 118–124 4400K - 4500K 125–131 4500K - 4600K 132–138 4600K - 4700K 139–145 4700K - 4800K 146–152 4800K - 4900K 153–159 4900K - 5000K 160–166 5000K - 5100K 167–173 5100K - 5200K 174–180 5200K - 5300K 181–187 5300K - 5400K 188–194 5400K - 5500K 195–201 5500K - 5600K 202–208 5600K - 5700K 209–215 5700K - 6000K 216–222 6000K - 6500K 223–229 6500K - 7000K 230–236 7000K - 7500K 237–243 7500K - 8000K 244–255 8000K
16	Video Hue Shift	0	0–0 0 1–127 -25 degrees 128–254 Centre 255–255 25 degrees
17	Control1	0	0–7 No Function 8–15 Dimmer Reset 16–23 Red Shift On 24–31 Red Shift Off 32–39 Dim S-Curve 40–47 Dim Linear 48–55 Dim Square 56–63 Dim Inverse Square 64–71 Dim Mode Off 72–79 Dim Mode 1 80–87 Dim Mode 2 88–95 Dim Mode 3 96–103 Fan Auto 104–111 Fan On 112–119 Fan Off 120–127 Fan Silent 128–255 No Function