EK Lights

LED eProfile FC



Manufacturer	**EK Lights**
Type	**Profile spot**
DMX modes	**7**
DMX footprint	**4, 6, 8, 11, 13, 14, 16 channels**
Beam angle	**25°**
Size (W × H × D)	**240 × 625 × 240 mm**
GDTF fixture type	**93EBD292-58DE-452C-AE30-42…**

Controls

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

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

4 Channel	4 ch
6 Channel	6 ch
8 Channel	8 ch
11 Channel	11 ch
13 Channel	13 ch
14 Channel	14 ch
16 Channel	16 ch

4 Channel

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 R4590-Cal90 Yellow (wheel slot 2) 14–21 R11-Light Straw (wheel slot 3) 22–28 R312-Canary (wheel slot 4) 29–35 R03-Dark Bastard Amber (wheel slot 5) 36–43 R18-Flame (wheel slot 6) 44–51 R20-Medium Amber (wheel slot 7) 52–59 R21-Golden Amber (wheel slot 8) 60–67 R26-Light Red (wheel slot 9) 68–75 R27-Medium Red (wheel slot 10) 76–83 R33-NoColor Pink (wheel slot 11) 84–91 R337-True Pink (wheel slot 12) 92–99 R38-Light Rose (wheel slot 13) 100–107 R41-Salmon (wheel slot 14) 108–115 R42-Deep Salmon (wheel slot 15) 116–121 R44-Middle Rose (wheel slot 16) 122–130 R349-Fisher Fuchsia (wheel slot 17) 131–138 R54- Special Lavender (wheel slot 18) 139–146 R64-Light Steel Blue (wheel slot 19) 147–154 R364-Blue Bell (wheel slot 20) 155–162 R65-Daylight Blue (wheel slot 21) 163–170 R80-Primary Blue (wheel slot 22) 171–178 R81-Urban Blue (wheel slot 23) 179–186 R82-Surprise Blue (wheel slot 24) 187–194 R382-Congo Blue (wheel slot 25) 195–202 R83-Medium Blue (wheel slot 26) 203–210 R383-Sapphire Blue (wheel slot 27) 211–218 R90-Dk Yellow Green (wheel slot 28) 219–226 R91-Primary Green (wheel slot 29) 227–234 R92-Turquoise (wheel slot 30) 235–242 R93-Blue Green (wheel slot 31) 243–250 R393-Emerald Green (wheel slot 32) 251–255 Open (wheel slot 1)
3	C TO	0	0–5 Open 6–25 2800K 26–50 3200K 51–75 3500K 76–100 4000K 101–125 4500K 126–150 5000K 151–175 5600K 176–200 6000K 201–225 6500K 226–255 No Function
4	L EDFrequency	0	0–10 Menu Set 11–50 600Hz 51–100 1200Hz 101–150 2000Hz 151–200 6000Hz 201–255 25000Hz

6 Channel

6 channels

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

6 Channel (continued)

Ch	Function	Default	DMX values
4	Color Add RY	255	
5	Color Add GY	255	
6	L EDFrequency	0	0–10 Menu Set 11–50 600Hz 51–100 1200Hz 101–150 2000Hz 151–200 6000Hz 201–255 25000Hz

8 Channel

8 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 11–132 Slow Strobe 133–254 Med Strobe 255–255 Fast Strobe
8	L EDFrequency	0	0–10 Menu Set 11–50 600Hz 51–100 1200Hz 101–150 2000Hz 151–200 6000Hz 201–255 25000Hz

11 Channel

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 11–132 Slow Strobe 133–254 Med Strobe 255–255 Fast Strobe

11 Channel (continued)

Ch	Function	Default	DMX values
9	Color Macro1	0	0–5 Open 6–13 R4590-Cal90 Yellow (wheel slot 2) 14–21 R11-Light Straw (wheel slot 3) 22–28 R312-Canary (wheel slot 4) 29–35 R03-Dark Bastard Amber (wheel slot 5) 36–43 R18-Flame (wheel slot 6) 44–51 R20-Medium Amber (wheel slot 7) 52–59 R21-Golden Amber (wheel slot 8) 60–67 R26-Light Red (wheel slot 9) 68–75 R27-Medium Red (wheel slot 10) 76–83 R33-NoColor Pink (wheel slot 11) 84–91 R337-True Pink (wheel slot 12) 92–99 R38-Light Rose (wheel slot 13) 100–107 R41-Salmon (wheel slot 14) 108–115 R42-Deep Salmon (wheel slot 15) 116–121 R44-Middle Rose (wheel slot 16) 122–130 R349-Fisher Fuchsia (wheel slot 17) 131–138 R54- Special Lavender (wheel slot 18) 139–146 R64-Light Steel Blue (wheel slot 19) 147–154 R364-Blue Bell (wheel slot 20) 155–162 R65-Daylight Blue (wheel slot 21) 163–170 R80-Primary Blue (wheel slot 22) 171–178 R81-Urban Blue (wheel slot 23) 179–186 R82-Surprise Blue (wheel slot 24) 187–194 R382-Congo Blue (wheel slot 25) 195–202 R83-Medium Blue (wheel slot 26) 203–210 R383-Sapphire Blue (wheel slot 27) 211–218 R90-Dk Yellow Green (wheel slot 28) 219–226 R91-Primary Green (wheel slot 29) 227–234 R92-Turquoise (wheel slot 30) 235–242 R93-Blue Green (wheel slot 31) 243–250 R393-Emerald Green (wheel slot 32) 251–255 Open (wheel slot 1)
10	C TO	0	0–5 Open 6–25 2800K 26–50 3200K 51–75 3500K 76–100 4000K 101–125 4500K 126–150 5000K 151–175 5600K 176–200 6000K 201–225 6500K 226–255 No Function
11	L EDFrequency	0	0–10 Menu Set 11–50 600Hz 51–100 1200Hz 101–150 2000Hz 151–200 6000Hz 201–255 25000Hz

13 Channel

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	

13 Channel (continued)

Ch	Function	Default	DMX values
5	Color Add RY	255	
6	Color Add GY	255	
7	Shutter / Strobe	0	0–10 Open 11–132 Slow Strobe 133–254 Med Strobe 255–255 Fast Strobe
8	Color Macro1	0	0–5 Open 6–13 R4590-Cal90 Yellow (wheel slot 2) 14–21 R11-Light Straw (wheel slot 3) 22–28 R312-Canary (wheel slot 4) 29–35 R03-Dark Bastard Amber (wheel slot 5) 36–43 R18-Flame (wheel slot 6) 44–51 R20-Medium Amber (wheel slot 7) 52–59 R21-Golden Amber (wheel slot 8) 60–67 R26-Light Red (wheel slot 9) 68–75 R27-Medium Red (wheel slot 10) 76–83 R33-NoColor Pink (wheel slot 11) 84–91 R337-True Pink (wheel slot 12) 92–99 R38-Light Rose (wheel slot 13) 100–107 R41-Salmon (wheel slot 14) 108–115 R42-Deep Salmon (wheel slot 15) 116–121 R44-Middle Rose (wheel slot 16) 122–130 R349-Fisher Fuchsia (wheel slot 17) 131–138 R54- Special Lavender (wheel slot 18) 139–146 R64-Light Steel Blue (wheel slot 19) 147–154 R364-Blue Bell (wheel slot 20) 155–162 R65-Daylight Blue (wheel slot 21) 163–170 R80-Primary Blue (wheel slot 22) 171–178 R81-Urban Blue (wheel slot 23) 179–186 R82-Surprise Blue (wheel slot 24) 187–194 R382-Congo Blue (wheel slot 25) 195–202 R83-Medium Blue (wheel slot 26) 203–210 R383-Sapphire Blue (wheel slot 27) 211–218 R90-Dk Yellow Green (wheel slot 28) 219–226 R91-Primary Green (wheel slot 29) 227–234 R92-Turquoise (wheel slot 30) 235–242 R93-Blue Green (wheel slot 31) 243–250 R393-Emerald Green (wheel slot 32) 251–255 Open (wheel slot 1)
9	C TO	0	0–5 Open 6–25 2800K 26–50 3200K 51–75 3500K 76–100 4000K 101–125 4500K 126–150 5000K 151–175 5600K 176–200 6000K 201–225 6500K 226–255 No Function
10	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
11	Effect Speed	0	0–127 Slow 128–254 Med 255–255 Fast

13 Channel (continued)

Ch	Function	Default	DMX values
12	Dimmer Mode	0	0–51 From Menu 52–101 Dim Speed Mode Off 102–152 Mode 1 (Fast) 153–203 Mode 2 (Mid) 204–255 Mode 3 (Slow)
13	L EDFrequency	0	0–10 Menu Set 11–50 600Hz 51–100 1200Hz 101–150 2000Hz 151–200 6000Hz 201–255 25000Hz

14 Channel

14 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 11–132 Slow Strobe 133–254 Med Strobe 255–255 Fast Strobe
14	L EDFrequency	0	0–10 Menu Set 11–50 600Hz 51–100 1200Hz 101–150 2000Hz 151–200 6000Hz 201–255 25000Hz

16 Channel

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	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue

16 Channel (continued)

Ch	Function	Default	DMX values
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 11–132 Slow Strobe 133–254 Med Strobe 255–255 Fast Strobe
14	Color Macro1	0	0–5 Open 6–13 R4590-Cal90 Yellow (wheel slot 2) 14–21 R11-Light Straw (wheel slot 3) 22–28 R312-Canary (wheel slot 4) 29–35 R03-Dark Bastard Amber (wheel slot 5) 36–43 R18-Flame (wheel slot 6) 44–51 R20-Medium Amber (wheel slot 7) 52–59 R21-Golden Amber (wheel slot 8) 60–67 R26-Light Red (wheel slot 9) 68–75 R27-Medium Red (wheel slot 10) 76–83 R33-NoColor Pink (wheel slot 11) 84–91 R337-True Pink (wheel slot 12) 92–99 R38-Light Rose (wheel slot 13) 100–107 R41-Salmon (wheel slot 14) 108–115 R42-Deep Salmon (wheel slot 15) 116–121 R44-Middle Rose (wheel slot 16) 122–130 R349-Fisher Fuchsia (wheel slot 17) 131–138 R54- Special Lavender (wheel slot 18) 139–146 R64-Light Steel Blue (wheel slot 19) 147–154 R364-Blue Bell (wheel slot 20) 155–162 R65-Daylight Blue (wheel slot 21) 163–170 R80-Primary Blue (wheel slot 22) 171–178 R81-Urban Blue (wheel slot 23) 179–186 R82-Surprise Blue (wheel slot 24) 187–194 R382-Congo Blue (wheel slot 25) 195–202 R83-Medium Blue (wheel slot 26) 203–210 R383-Sapphire Blue (wheel slot 27) 211–218 R90-Dk Yellow Green (wheel slot 28) 219–226 R91-Primary Green (wheel slot 29) 227–234 R92-Turquoise (wheel slot 30) 235–242 R93-Blue Green (wheel slot 31) 243–250 R393-Emerald Green (wheel slot 32) 251–255 Open (wheel slot 1)
15	C TO	0	0–5 Open 6–25 2800K 26–50 3200K 51–75 3500K 76–100 4000K 101–125 4500K 126–150 5000K 151–175 5600K 176–200 6000K 201–225 6500K 226–255 No Function
16	L EDFrequency	0	0–10 Menu Set 11–50 600Hz 51–100 1200Hz 101–150 2000Hz 151–200 6000Hz 201–255 25000Hz