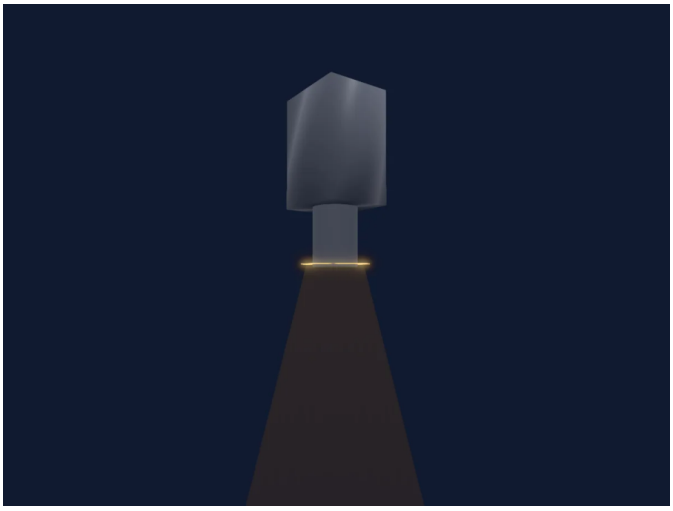
EK Lights

EPROFILE-MZ-30-FC



Manufacturer	**EK Lights**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**5, 6, 15 channels**
Beam angle	**30°**
Size (W × H × D)	**141 × 200 × 115 mm**
GDTF fixture type	**EE7A2372-F16A-43D0-BF92-D1…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe

DMX modes

BASIC	5 ch
STANDARD	6 ch
EXTENDED	15 ch

BASIC

5 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	White	255	

STANDARD

6 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	255	0–1 Closed 2–62 Strobe from slow to fast 63–64 Open1 65–125 Pulse in from slow to fast 126–127 Open2 128–188 Pulse out from slow to fast 189–190 Open3 191–251 Random from slow to fast 252–255 Open4
4	C TO	0	
5	Crossfade	0	
6	Color Macro1	0	0–1 No Function 2–135 Color Macro 136–211 No Function 212–213 2800K 214–215 3000K 216–217 3200K 218–219 3400K 220–221 3600K 222–223 3800K 224–225 4000K 226–227 4200K 228–229 4400K 230–231 4600K 232–233 4800K 234–235 5000K 236–237 5200K 238–239 5400K 240–241 5600K 242–243 6000K 244–245 6500K 246–247 7000K 248–249 8000K 250–251 9000K 252–253 10000K 254–255 Open

EXTENDED

15 channels

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

EXTENDED (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	255	0–1 Closed 2–62 Strobe from slow to fast 63–64 Open1 65–125 Pulse in from slow to fast 126–127 Open2 128–188 Pulse out from slow to fast 189–190 Open3 191–251 Random from slow to fast 252–255 Open4
4	C TO	0	
5	Crossfade	255	
6	Red	255	
7	Red Fine	255	Fine byte of Red
8	Green	255	
9	Green Fine	255	Fine byte of Green
10	Blue	255	
11	Blue Fine	255	Fine byte of Blue
12	White	255	
13	White Fine	255	Fine byte of White
14	Color Macro1	0	0–1 No Function 2–135 Color Macro 136–211 No Function 212–213 2800K 214–215 3000K 216–217 3200K 218–219 3400K 220–221 3600K 222–223 3800K 224–225 4000K 226–227 4200K 228–229 4400K 230–231 4600K 232–233 4800K 234–235 5000K 236–237 5200K 238–239 5400K 240–241 5600K 242–243 6000K 244–245 6500K 246–247 7000K 248–249 8000K 250–251 9000K 252–253 10000K 254–255 Open

EXTENDED (continued)

Ch	Function	Default	DMX values
15	Control1	0	0–1 No Function 2–3 DIMMER CURVE LINEAR 4–5 DIMMER CURVE S-CURVE 6–7 DIMMER CURVE SQUARE LAW 8–9 DIMMER CURVE INVERSE SQUARE LAW 10–11 DIMMER SPEED AUTO 12–13 DIMMER SPEED FAST 14–15 DIMMER SPEED MEDIUM 16–17 DIMMER SPEED SLOW 18–19 LED FREQUENCY 600HZ 20–21 LED FREQUENCY 1200HZ 22–23 LED FREQUENCY 2000HZ 24–25 LED FREQUENCY 4000HZ 26–27 LED FREQUENCY 6000HZ 28–29 LED FREQUENCY 25KHZ 30–31 DMX FAULT HOLD 32–33 DMX FAULT BLACKOUT 34–35 DMX FAULT STAND ALONE 36–37 STAND ALONE MASTER 38–39 STAND ALONE SLAVE 40–41 STAND ALONE STATIC COLORS 42–43 STAND ALONE WHITE PRESETS 44–45 STAND ALONE COLOR MACROS 46–47 STAND ALONE MANUAL COLORS 48–253 RESERVED 254–255 FACTORY DEFAULT OF CONTROL FUNCTIONS