CKC Lighting

PAR Z60 IP



Manufacturer	**CKC Lighting**
Type	**Effect light**
DMX modes	**12**
DMX footprint	**4, 5, 6, 7, 8, 9, 10, 12, 13 channels**
Beam angle	**7-38°**
Size (W × H × D)	**263 × 210 × 35 mm**
GDTF fixture type	**5A29A7AB-288A-4E06-9727-4B…**

Controls

Zoom · Extra LED colours · Hue and saturation · RGB colour mixing · Colour wheel · Effect speed · Strobe · Dimmer

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

HSI 4CH	4 ch
RGBW 4CH	4 ch
HSI+ 5CH	5 ch
RGBW 6CH	6 ch
RGBW 7CH	7 ch
sRGBWI 7CH	7 ch
RGBW 8CH	8 ch
RGBW 9CH	9 ch
10CH RGBW	10 ch
HSI 10CH	10 ch
sRGBWI 12CH	12 ch
RGBW 13CH	13 ch

HSI 4CH

4 channels

Ch	Function	Default	DMX values
1	H SBHue	0	
2	H SBSaturation	0	
3	H SBBrightness	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
4	Zoom	128	

RGBW 4CH

4 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	

HSI+ 5CH

5 channels

Ch	Function	Default	DMX values
1	H SBHue	0	
2	H SBSaturation	0	
3	H SBBrightness	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
4	Zoom	128	
5	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting

RGBW 6CH

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
6	Zoom	128	

RGBW 7CH

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
6	Dimmer Fine	0	Fine byte of Dimmer
7	Zoom	128	

sRGBWI 7CH

7 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–95 Strobe Min to Max 96–127 Open 128–159 Strobe Pulse Min to Max 160–191 Open 192–223 Random Strobe Min to Max 224–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	255	
6	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
7	Zoom	128	

RGBW 8CH

8 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–95 Strobe Min to Max 96–127 Open2 128–159 Strobe Pulse Min to Max 160–191 Open3 192–223 Random Strobe Min to Max 224–255 Open4

RGBW 8CH (continued)

Ch	Function	Default	DMX values
6	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
7	Dimmer Fine	0	Fine byte of Dimmer
8	Zoom	128	

RGBW 9CH

9 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–95 Strobe Min to Max 96–127 Open2 128–159 Strobe Pulse Min to Max 160–191 Open3 192–223 Random Strobe Min to Max 224–255 Open4
6	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
7	Dimmer Fine	0	Fine byte of Dimmer
8	Zoom	128	
9	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting

10CH RGBW

10 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	255	
8	White Fine	255	Fine byte of White
9	Zoom	128	
10	Zoom Fine	0	Fine byte of Zoom

HSI 10CH

10 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	50	0–31 Closed 32–63 Open1 64–95 Strobe Min to Max 96–127 Open2 128–159 Strobe Pulse Min to Max 160–191 Open3 192–223 Random Strobe Min to Max 224–255 Open4
2	H SBHue	0	
3	H SBSaturation	0	
4	H SBBrightness	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
5	Color Macro1	0	
6	Zoom	128	
7	Effect	0	0–0 NO FUNCTION 1–20 COLOR MACRO 01 21–40 COLOR MACRO 02 41–60 COLOR MACRO 03 61–80 COLOR MACRO 04 81–100 COLOR MACRO 05 101–120 COLOR MACRO 06 121–140 COLOR MACRO 07 141–160 COLOR MACRO 08 161–180 COLOR MACRO 09 181–200 COLOR MACRO 10 201–220 COLOR MACRO 11 221–240 COLOR MACRO 12 241–250 COLOR MACRO 13 251–255 GRADIENT COLOR MACRO
8	Effect Speed	0	0–254 Slow 255–255 Fast
9	Effects1Fade	0	
10	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting

sRGBWI 12CH

12 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	50	0–31 Closed 32–63 Open1 64–95 Strobe Min to Max 96–127 Open2 128–159 Strobe Pulse Min to Max 160–191 Open3 192–223 Random Strobe Min to Max 224–255 Open4
2	Red	255	
3	Green	255	
4	Blue	255	

sRGBWI 12CH (continued)

Ch	Function	Default	DMX values
5	White	255	
6	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
7	Color Macro1	0	
8	Zoom	127	
9	Effect	0	0–0 NO FUNCTION 1–20 COLOR MACRO 01 21–40 COLOR MACRO 02 41–60 COLOR MACRO 03 61–80 COLOR MACRO 04 81–100 COLOR MACRO 05 101–120 COLOR MACRO 06 121–140 COLOR MACRO 07 141–160 COLOR MACRO 08 161–180 COLOR MACRO 09 181–200 COLOR MACRO 10 201–220 COLOR MACRO 11 221–240 COLOR MACRO 12 241–250 COLOR MACRO 13 251–255 GRADIENT COLOR MACRO
10	Effect Speed	0	0–254 Slow 255–255 Fast
11	Effects1Fade	0	
12	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting

RGBW 13CH

13 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Color Macro1	0	
6	Shutter / Strobe	50	0–31 Closed 32–63 Open1 64–95 Strobe Min to Max 96–127 Open2 128–159 Strobe Pulse Min to Max 160–191 Open3 192–223 Random Strobe Min to Max 224–255 Open4
7	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
8	Dimmer Fine	0	Fine byte of Dimmer

RGBW 13CH (continued)

Ch	Function	Default	DMX values
9	Zoom	128	
10	Effect	0	0–0 NO FUNCTION 1–20 COLOR MACRO 01 21–40 COLOR MACRO 02 41–60 COLOR MACRO 03 61–80 COLOR MACRO 04 81–100 COLOR MACRO 05 101–120 COLOR MACRO 06 121–140 COLOR MACRO 07 141–160 COLOR MACRO 08 161–180 COLOR MACRO 09 181–200 COLOR MACRO 10 201–220 COLOR MACRO 11 221–240 COLOR MACRO 12 241–250 COLOR MACRO 13 251–255 GRADIENT COLOR MACRO
11	Effect Speed	0	0–254 Slow 255–255 Fast
12	Effects1Fade	0	
13	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting