CKC Lighting

ZB Par 7



Manufacturer	**CKC Lighting**
Type	**PAR**
DMX modes	**7**
DMX footprint	**5, 6, 12, 13, 16, 18 channels**
Beam angle	**5-40°**
Size (W × H × D)	**306 × 245 × 240 mm**
GDTF fixture type	**7E9D8493-4105-468D-B585-3D…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe

DMX modes

CCT 5CH	5 ch
RGB 8Bit 5CH	5 ch
RGBL 8Bit 6CH	6 ch
RGB+CCT 8Bit 12CH	12 ch
RGBL+CCT 8Bit 13CH	13 ch
RGB+CCT 16Bit 16CH	16 ch
RGBL+CCT 16Bit 18CH	18 ch

CCT 5CH

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0% 63–126 25% 127–191 50% 192–254 75% 255–255 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TO	0	0–17 No function 18–23 1800K 24–31 2400K 32–44 3200K 45–55 4500K 56–64 5600K 65–74 6500K 75–84 7500K 85–99 8500K 100–255 10000K
4	Tint	0	0–0 No function 1–125 100 % Magenta 126–126 0 % Magenta 127–127 0% 128–254 0% Green 255–255 100 % Green
5	Zoom	0	0–254 0% 255–255 100%

RGB 8Bit 5CH

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0% 63–126 25% 127–191 50% 192–254 75% 255–255 100%
2	Red	255	
3	Green	255	
4	Blue	255	
5	Zoom	0	0–254 0% 255–255 100%

RGBL 8Bit 6CH

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0% 63–126 25% 127–191 50% 192–254 75% 255–255 100%
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add GY	255	
6	Zoom	0	0–254 0% 255–255 100%

RGB+CCT 8Bit 12CH

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0% 63–126 25% 127–191 50% 192–254 75% 255–255 100%
2	C TO	0	0–17 No function 18–23 1800K 24–31 2400K 32–44 3200K 45–55 4500K 56–64 5600K 65–74 6500K 75–84 7500K 85–99 8500K 100–255 10000K
3	Tint	0	0–0 No function 1–125 100 % Magenta 126–126 0 % Magenta 127–127 0% 128–254 0% Green 255–255 100 % Green
4	Crossfade	0	0–254 0% COLOR CCT 255–255 100% COLOR CCT
5	Red	255	
6	Green	255	
7	Blue	255	
8	Shutter / Strobe	0	0–4 No Function 5–48 Strobe ALL Slow 49–49 Strobe ALL Fast 50–98 Lightning Strobe Slow 99–99 Lightning Strobe Fast 100–148 Random Strobe Slow 149–149 Random Strobe Fast 150–198 Ramdom Lighting Strobe Slow 199–199 Ramdom Lighting Strobe Fast 200–255 No Function
9	Color Macro1	0	
10	Color Macro1Rate	0	0–0 Stop 1–126 From slow to Fast 127–255 Fast
11	Zoom	0	0–254 0% 255–255 100%

RGB+CCT 8Bit 12CH (continued)

Ch	Function	Default	DMX values
12	Control1	0	0–4 No function 5–9 Fan Mode: Stage 10–14 Fan Mode: Auto (Default) 15–19 Fan Mode: Silent 20–29 Fan Mode: Architecural 30–39 No function 40–44 900Hz 45–49 950Hz 50–54 1000Hz 55–59 1050Hz 60–64 1100Hz 65–69 1150Hz 70–74 1200Hz 75–79 1250Hz 80–84 1300Hz 85–89 1350Hz 90–94 1400Hz 95–99 1450Hz 100–104 1500Hz 105–109 2500Hz 110–114 4000Hz 115–119 5000Hz 120–124 6000Hz 125–129 10000Hz 130–134 15000Hz 135–139 20000Hz 140–144 25000Hz 145–159 No function 160–164 Dim to Warm On 165–169 Dim to Warm Off 170–174 Dimmer Curve: Linear (Default) 175–179 Dimmer Curve: Square 180–184 Dimmer Curve: Inverse Square 185–189 Dimmer Curve: S-Curve 190–209 No function 210–219 Zoom Speed: Fast (Default) 220–224 RESET Zoom 225–229 RESET Control Values to default 230–234 RESET to default 235–239 RESET projector 240–255 No function

RGBL+CCT 8Bit 13CH

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0% 63–126 25% 127–191 50% 192–254 75% 255–255 100%
2	C TO	0	0–17 No function 18–23 1800K 24–31 2400K 32–44 3200K 45–55 4500K 56–64 5600K 65–74 6500K 75–84 7500K 85–99 8500K 100–255 10000K

RGBL+CCT 8Bit 13CH (continued)

Ch	Function	Default	DMX values
3	Tint	0	0–0 No function 1–125 100 % Magenta 126–126 0 % Magenta 127–127 0% 128–254 0% Green 255–255 100 % Green
4	Crossfade	0	0–254 0% COLOR CCT 255–255 100% COLOR CCT
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add GY	255	
9	Shutter / Strobe	0	0–4 No Function 5–48 Strobe ALL Slow 49–49 Strobe ALL Fast 50–98 Lightning Strobe Slow 99–99 Lightning Strobe Fast 100–148 Random Strobe Slow 149–149 Random Strobe Fast 150–198 Ramdom Lighting Strobe Slow 199–199 Ramdom Lighting Strobe Fast 200–255 No Function
10	Color Macro1	0	
11	Color Macro1Rate	0	0–0 Stop 1–126 From slow to Fast 127–255 Fast
12	Zoom	0	0–254 0% 255–255 100%

RGBL+CCT 8Bit 13CH (continued)

Ch	Function	Default	DMX values
13	Control1	0	0–4 No function 5–9 Fan Mode: Stage 10–14 Fan Mode: Auto (Default) 15–19 Fan Mode: Silent 20–29 Fan Mode: Architecural 30–39 No function 40–44 900Hz 45–49 950Hz 50–54 1000Hz 55–59 1050Hz 60–64 1100Hz 65–69 1150Hz 70–74 1200Hz 75–79 1250Hz 80–84 1300Hz 85–89 1350Hz 90–94 1400Hz 95–99 1450Hz 100–104 1500Hz 105–109 2500Hz 110–114 4000Hz 115–119 5000Hz 120–124 6000Hz 125–129 10000Hz 130–134 15000Hz 135–139 20000Hz 140–144 25000Hz 145–159 No function 160–164 Dim to Warm On 165–169 Dim to Warm Off 170–174 Dimmer Curve: Linear (Default) 175–179 Dimmer Curve: Square 180–184 Dimmer Curve: Inverse Square 185–189 Dimmer Curve: S-Curve 190–209 No function 210–219 Zoom Speed: Fast (Default) 220–224 RESET Zoom 225–229 RESET Control Values to default 230–234 RESET to default 235–239 RESET projector 240–255 No function

RGB+CCT 16Bit 16CH

16 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0% 63–126 25% 127–191 50% 192–254 75% 255–255 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TO	0	0–17 No function 18–23 1800K 24–31 2400K 32–44 3200K 45–55 4500K 56–64 5600K 65–74 6500K 75–84 7500K 85–99 8500K 100–255 10000K

RGB+CCT 16Bit 16CH (continued)

Ch	Function	Default	DMX values
4	Tint	0	0–0 No function 1–125 100 % Magenta 126–126 0 % Magenta 127–127 0% 128–254 0% Green 255–255 100 % Green
5	Crossfade	0	0–254 0% COLOR CCT 255–255 100% COLOR CCT
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	Shutter / Strobe	0	0–4 No Function 5–48 Strobe ALL Slow 49–49 Strobe ALL Fast 50–98 Lightning Strobe Slow 99–99 Lightning Strobe Fast 100–148 Random Strobe Slow 149–149 Random Strobe Fast 150–198 Ramdom Lighting Strobe Slow 199–199 Ramdom Lighting Strobe Fast 200–255 No Function
13	Color Macro1	0	
14	Color Macro1Rate	0	0–0 Stop 1–126 From slow to Fast 127–255 Fast
15	Zoom	0	0–254 0% 255–255 100%

RGB+CCT 16Bit 16CH (continued)

Ch	Function	Default	DMX values
16	Control1	0	0–4 No function 5–9 Fan Mode: Stage 10–14 Fan Mode: Auto (Default) 15–19 Fan Mode: Silent 20–29 Fan Mode: Architecural 30–39 No function 40–44 900Hz 45–49 950Hz 50–54 1000Hz 55–59 1050Hz 60–64 1100Hz 65–69 1150Hz 70–74 1200Hz 75–79 1250Hz 80–84 1300Hz 85–89 1350Hz 90–94 1400Hz 95–99 1450Hz 100–104 1500Hz 105–109 2500Hz 110–114 4000Hz 115–119 5000Hz 120–124 6000Hz 125–129 10000Hz 130–134 15000Hz 135–139 20000Hz 140–144 25000Hz 145–159 No function 160–164 Dim to Warm On 165–169 Dim to Warm Off 170–174 Dimmer Curve: Linear (Default) 175–179 Dimmer Curve: Square 180–184 Dimmer Curve: Inverse Square 185–189 Dimmer Curve: S-Curve 190–209 No function 210–219 Zoom Speed: Fast (Default) 220–224 RESET Zoom 225–229 RESET Control Values to default 230–234 RESET to default 235–239 RESET projector 240–255 No function

RGBL+CCT 16Bit 18CH

18 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0% 63–126 25% 127–191 50% 192–254 75% 255–255 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TO	0	0–17 No function 18–23 1800K 24–31 2400K 32–44 3200K 45–55 4500K 56–64 5600K 65–74 6500K 75–84 7500K 85–99 8500K 100–255 10000K

RGBL+CCT 16Bit 18CH (continued)

Ch	Function	Default	DMX values
4	Tint	0	0–0 No function 1–125 100 % Magenta 126–126 0 % Magenta 127–127 0% 128–254 0% Green 255–255 100 % Green
5	Crossfade	0	0–254 0% COLOR CCT 255–255 100% COLOR CCT
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	Color Add GY	255	
13	Color Add GY Fine	255	Fine byte of Color Add GY
14	Shutter / Strobe	0	0–4 No Function 5–48 Strobe ALL Slow 49–49 Strobe ALL Fast 50–98 Lightning Strobe Slow 99–99 Lightning Strobe Fast 100–148 Random Strobe Slow 149–149 Random Strobe Fast 150–198 Ramdom Lighting Strobe Slow 199–199 Ramdom Lighting Strobe Fast 200–255 No Function
15	Color Macro1	0	
16	Color Macro1Rate	0	0–0 Stop 1–126 From slow to Fast 127–255 Fast
17	Zoom	0	0–254 0% 255–255 100%

RGBL+CCT 16Bit 18CH (continued)

Ch	Function	Default	DMX values
18	Control1	0	0–4 No function 5–9 Fan Mode: Stage 10–14 Fan Mode: Auto (Default) 15–19 Fan Mode: Silent 20–29 Fan Mode: Architecural 30–39 No function 40–44 900Hz 45–49 950Hz 50–54 1000Hz 55–59 1050Hz 60–64 1100Hz 65–69 1150Hz 70–74 1200Hz 75–79 1250Hz 80–84 1300Hz 85–89 1350Hz 90–94 1400Hz 95–99 1450Hz 100–104 1500Hz 105–109 2500Hz 110–114 4000Hz 115–119 5000Hz 120–124 6000Hz 125–129 10000Hz 130–134 15000Hz 135–139 20000Hz 140–144 25000Hz 145–159 No function 160–164 Dim to Warm On 165–169 Dim to Warm Off 170–174 Dimmer Curve: Linear (Default) 175–179 Dimmer Curve: Square 180–184 Dimmer Curve: Inverse Square 185–189 Dimmer Curve: S-Curve 190–209 No function 210–219 Zoom Speed: Fast (Default) 220–224 RESET Zoom 225–229 RESET Control Values to default 230–234 RESET to default 235–239 RESET projector 240–255 No function