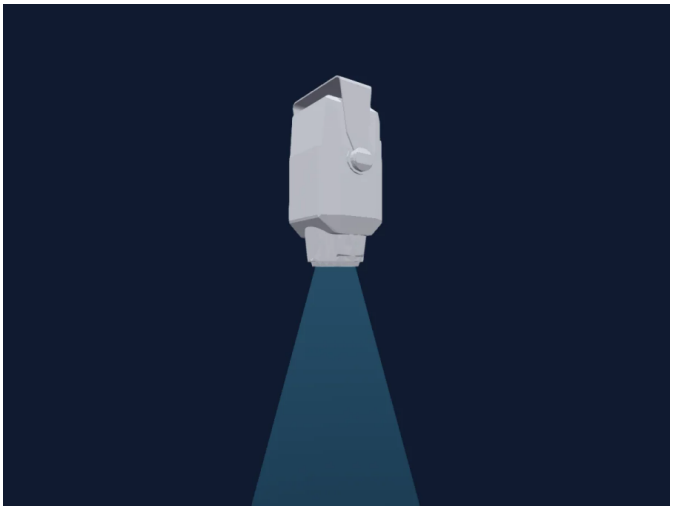
CKC Lighting

IP H2O 400



Manufacturer	**CKC Lighting**
Type	**PAR**
DMX modes	**2**
DMX footprint	**10, 12 channels**
Beam angle	**14-52°**
Size (W × H × D)	**351 × 335 × 185 mm**
GDTF fixture type	**7C4E52FA-7AE4-4DB7-B73F-BF...**

Controls

Focus · Zoom · Colour wheel · Strobe · Dimmer · Gobos

Safety-relevant functions

Fixture reset

DMX modes

Standard 10CH	10 ch
Extended 12CH	12 ch

Standard 10CH

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0% 63–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter closed 32–63 Shutter open 64–94 MIn strobe 95–95 Max strobe 96–127 Shutter open2 128–158 Min pulse 159–159 Max pulse 160–191 Shutter open3 192–222 Min random 223–223 Max random 224–255 Shutter open4
4	Color Wheel	0	0–5 Open (wheel slot 1) 6–12 Open/Color1 (wheel slot 1) 13–19 Color1 (wheel slot 2) 20–26 Color1/2 (wheel slot 2) 27–33 Color2 (wheel slot 3) 34–40 Color2/3 (wheel slot 3) 41–47 Color3 (wheel slot 4) 48–54 Color3/4 (wheel slot 4) 55–61 Color4 (wheel slot 5) 62–68 Color4/5 (wheel slot 5) 69–75 Color5 (wheel slot 6) 76–82 Color5/6 (wheel slot 6) 83–89 Color6 (wheel slot 7) 90–96 Color6/7 (wheel slot 7) 97–103 Color7 (wheel slot 8) 104–110 Color7/Open (wheel slot 8) 111–125 Open (wheel slot 1) 126–128 Rot Stop 129–254 CW slow 255–255 CW fast
5	Gobo	0	0–0 Rot Off (wheel slot 1) 1–126 CW slow (wheel slot 1) 127–127 CW fast (wheel slot 1) 128–254 CCW slow (wheel slot 1) 255–255 CCW fast (wheel slot 1)
6	Gobo 2	0	0–0 Rot Off 1–126 CW slow 127–127 CW fast 128–254 CCW slow 255–255 CCW fast
7	Focus	128	
8	Zoom	128	
9	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting

Standard 10CH (continued)

Ch	Function	Default	DMX values
10	Control1	0	0–30 No Function 31–40 Fan Mode Auto 41–50 Fan Mode High 51–60 Fan Mode Low 61–70 All motor reset 71–80 GoboWheel reset 81–100 Other motor reset 101–105 900 Hz 106–110 1000Hz 111–115 1100Hz 116–120 1200Hz 121–125 1300Hz 126–130 1400Hz 131–135 1500Hz 136–140 2500Hz 141–145 4000Hz 146–150 5000Hz 151–155 10000Hz 156–160 15000Hz 161–165 20000Hz 166–170 25000Hz 171–180 Dimmer Curve Linear 181–190 Dimmer Curve Square 191–200 Dimmer Curve Inverse Square 201–210 Dimmer Curve S-Curve 211–255 No Function

Extended 12CH

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0% 63–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter closed 32–63 Shutter open 64–94 MIn strobe 95–95 Max strobe 96–127 Shutter open2 128–158 Min pulse 159–159 Max pulse 160–191 Shutter open3 192–222 Min random 223–223 Max random 224–255 Shutter open4

Extended 12CH (continued)

Ch	Function	Default	DMX values
4	Color Wheel	0	0–5 Open (wheel slot 1) 6–12 Open/Color1 (wheel slot 1) 13–19 Color1 (wheel slot 2) 20–26 Color1/2 (wheel slot 2) 27–33 Color2 (wheel slot 3) 34–40 Color2/3 (wheel slot 3) 41–47 Color3 (wheel slot 4) 48–54 Color3/4 (wheel slot 4) 55–61 Color4 (wheel slot 5) 62–68 Color4/5 (wheel slot 5) 69–75 Color5 (wheel slot 6) 76–82 Color5/6 (wheel slot 6) 83–89 Color6 (wheel slot 7) 90–96 Color6/7 (wheel slot 7) 97–103 Color7 (wheel slot 8) 104–110 Color7/Open (wheel slot 8) 111–125 Open (wheel slot 1) 126–128 Rot Stop 129–254 CW slow 255–255 CW fast
5	Gobo	0	0–0 Rot Off (wheel slot 1) 1–126 CW slow (wheel slot 1) 127–127 CW fast (wheel slot 1) 128–254 CCW slow (wheel slot 1) 255–255 CCW fast (wheel slot 1)
6	Gobo 2	0	0–0 Rot Off 1–126 CW slow 127–127 CW fast 128–254 CCW slow 255–255 CCW fast
7	Focus	128	
8	Focus Fine	0	Fine byte of Focus
9	Zoom	128	
10	Zoom Fine	0	Fine byte of Zoom
11	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting

Extended 12CH (continued)

Ch	Function	Default	DMX values
12	Control1	0	0–30 No Function 31–40 Fan Mode Auto 41–50 Fan Mode High 51–60 Fan Mode Low 61–70 All motor reset 71–80 GoboWheel reset 81–100 Other motor reset 101–105 900 Hz 106–110 1000Hz 111–115 1100Hz 116–120 1200Hz 121–125 1300Hz 126–130 1400Hz 131–135 1500Hz 136–140 2500Hz 141–145 4000Hz 146–150 5000Hz 151–155 10000Hz 156–160 15000Hz 161–165 20000Hz 166–170 25000Hz 171–180 Dimmer Curve Linear 181–190 Dimmer Curve Square 191–200 Dimmer Curve Inverse Square 201–210 Dimmer Curve S-Curve 211–255 No Function