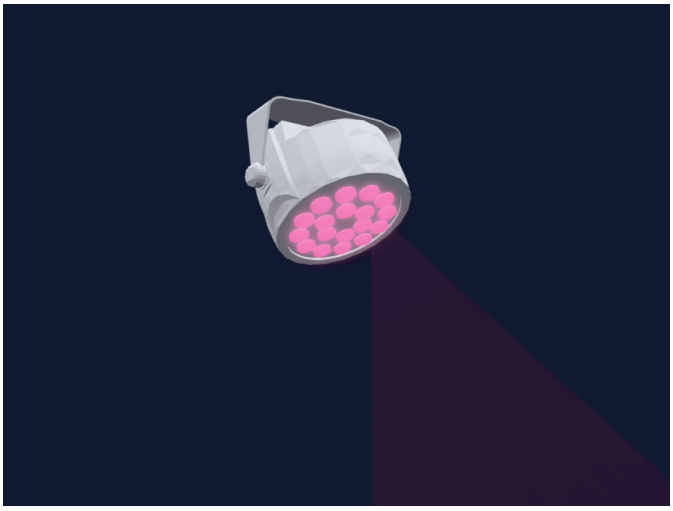
Krypton

LP 1820-IP



Manufacturer	**Krypton**
Type	**Moving head**
DMX modes	**6**
DMX footprint	**4, 7, 8, 10, 13, 16 channels**
Beam angle	**40°**
Tilt range	**360°**
Size (W × H × D)	**233 × 157 × 233 mm**
GDTF fixture type	**011846E2-4591-4305-8FEF-728…**

Controls

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

Safety-relevant functions

Built-in effect programmes

DMX modes

4 Channels	4 ch
7 Channels	7 ch
8 Channels	8 ch
10 Channels	10 ch
13 Channels	13 ch
16 Channels	16 ch

4 Channels

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	0	

7 Channels

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	0	
5	Shutter / Strobe	50	0–31 Led OFF 32–63 Led ON 64–95 Strobe Slow to Fast 96–127 Led ON 128–158 Ramp Up strobe · Ramp Up Slow 1–14.5 Hz 159–159 Ramp Up strobe · Ramp Up Fast 15 Hz 160–191 Led ON 192–222 min Random 223–223 max Random 224–255 shutter open(4)
6	Dimmer	0	0–254 closed 255–255 open
7	Dimmer Fine	0	Fine byte of Dimmer

8 Channels

8 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	Color Add GY	0	
8	Color Add GY Fine	0	Fine byte of Color Add GY

10 Channels

10 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	0	
5	Color Macro1	0	
6	C TO	0	0–0 Off 1–255 2700K to 7000K

10 Channels (continued)

Ch	Function	Default	DMX values
7	Color1Mode	0	0–0 Idle 1–54 2700K 55–109 3200K 110–164 4000K 165–219 5600K 220–255 6000K
8	Shutter / Strobe	50	0–31 Led OFF 32–63 Led ON 64–95 Strobe Slow to Fast 96–127 Led ON 128–158 Ramp Up strobe · Ramp Up Slow 1–14.5 Hz 159–159 Ramp Up strobe · Ramp Up Fast 15 Hz 160–191 Led ON 192–222 min Random 223–223 max Random 224–255 shutter open(4)
9	Dimmer	0	0–254 closed 255–255 open
10	Dimmer Fine	0	Fine byte of Dimmer

13 Channels

13 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	0	
5	Color Macro1	0	
6	C TO	0	0–0 Off 1–255 2700K to 7000K
7	Color1Mode	0	0–0 Idle 1–54 2700K 55–109 3200K 110–164 4000K 165–219 5600K 220–255 6000K
8	Shutter / Strobe	50	0–31 Led OFF 32–63 Led ON 64–95 Strobe Slow to Fast 96–127 Led ON 128–158 Ramp Up strobe · Ramp Up Slow 1–14.5 Hz 159–159 Ramp Up strobe · Ramp Up Fast 15 Hz 160–191 Led ON 192–222 min Random 223–223 max Random 224–255 shutter open(4)
9	Dimmer	0	0–254 closed 255–255 open
10	Dimmer Fine	0	Fine byte of Dimmer

13 Channels (continued)

Ch	Function	Default	DMX values
11	Dimmer Mode	0	0–20 Default to Unit Setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–160 Dim Speed from Fast to Slow 161–255 Default to Unit Setting
12	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inv Square 61–80 S Curve 81–255 Idle
13	Control1	0	0–15 Default to Unit Setting 16–30 900Hz 31–45 1000Hz 46–60 1100Hz 61–75 1200Hz 76–90 1300Hz 91–105 1400Hz 106–120 1500Hz 121–135 2500Hz 136–150 4000Hz 151–165 5000Hz 166–180 10000Hz 181–195 15000Hz 196–210 20000Hz 211–225 25000Hz 226–255 Idle

16 Channels

16 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	0	
5	Color Macro1	0	
6	C TO	0	0–0 Off 1–255 2700K to 7000K
7	Color1Mode	0	0–0 Idle 1–54 2700K 55–109 3200K 110–164 4000K 165–219 5600K 220–255 6000K
8	Shutter / Strobe	50	0–31 Led OFF 32–63 Led ON 64–95 Strobe Slow to Fast 96–127 Led ON 128–158 Ramp Up strobe · Ramp Up Slow 1–14.5 Hz 159–159 Ramp Up strobe · Ramp Up Fast 15 Hz 160–191 Led ON 192–222 min Random 223–223 max Random 224–255 shutter open(4)

16 Channels (continued)

Ch	Function	Default	DMX values
9	Dimmer	0	0–254 closed 255–255 open
10	Dimmer Fine	0	Fine byte of Dimmer
11	Effect	0	0–31 Idle 32–63 Program 1 64–95 Program 2 96–127 Program 3 128–159 Program 4 160–191 Program 5 192–223 Program 6 224–255 Program 7
12	Color Macro1Rate	0	
13	Color Macro2Rate	0	
14	Dimmer Mode	0	0–20 Default to Unit Setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–160 Dim Speed from Fast to Slow 161–255 Default to Unit Setting
15	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inv Square 61–80 S Curve 81–255 Idle
16	Control1	0	0–15 Default to Unit Setting 16–30 900Hz 31–45 1000Hz 46–60 1100Hz 61–75 1200Hz 76–90 1300Hz 91–105 1400Hz 106–120 1500Hz 121–135 2500Hz 136–150 4000Hz 151–165 5000Hz 166–180 10000Hz 181–195 15000Hz 196–210 20000Hz 211–225 25000Hz 226–255 Idle