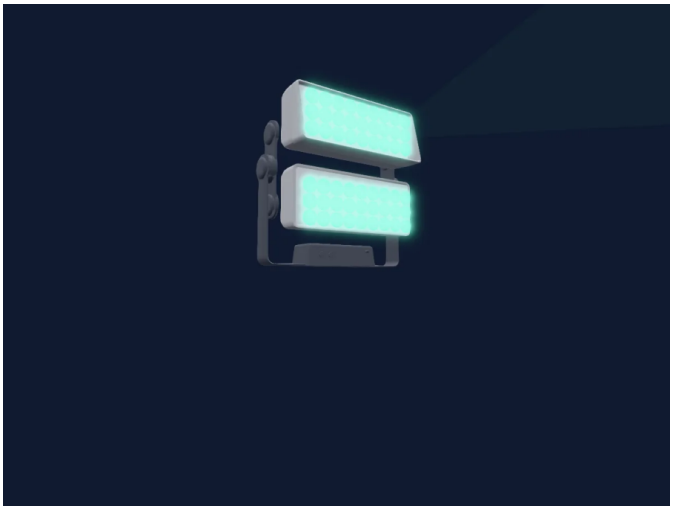
CINDY

CL-12024 PANEL



Manufacturer	**CINDY**
Type	**Effect light**
DMX modes	**5**
DMX footprint	**4, 6, 13, 30, 66 channels**
Beam angle	**25°**
Heads / cells	**6**
Size (W × H × D)	**551 × 445 × 115 mm**
GDTF fixture type	**D14225F8-881A-4714-AA19-88…**

Controls

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

Safety-relevant functions

Built-in effect programmes

DMX modes

4CH Mode	4 ch
6CH Mode	6 ch
13CH Mode	13 ch
30CH Mode	30 ch
66CH Mode	66 ch

4CH Mode

4 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	White	255	0–0 Min 1–254 Min > Max 255–255 Max

6CH Mode

6 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	White	255	0–0 Min 1–254 Min > Max 255–255 Max
5	C TC	0	0–9 Open 10–10 1800K 11–24 1800K - 2200K 25–25 2200K 26–39 2200K -2700K 40–40 2700K 41–54 2700K -3000K 55–55 3000K 56–69 3000K -3200k 70–70 3200K 71–84 3200K - 4000K 85–85 4000K 86–99 4000K-4500K 100–100 4500K 101–114 4500K-5000K 115–115 5000K 116–129 5000K-5600K 130–130 5600K 131–144 5600K-6000K 145–145 6000K 146–159 6000K-6500K 160–160 6500K 161–174 6500K-7000K 175–175 7000K 176–189 7000K-8000K 190–190 8000K 191–204 8000K-10000K 205–255 10000K

6CH Mode (continued)

Ch	Function	Default	DMX values
6	Control1	0	0–19 No Func 20–24 RGB 25–79 CMY 80–81 Static Mode - Record and ON 82–83 Static Mode - ON 84–85 Static Mode - OFF 86–144 Auto Run OFF 145–149 Dimmer Curve - Linear 150–154 Dimmer Curve - Square 155–159 Dimmer Curve - I-Square 160–184 Dimmer Curve - Scurve 185–186 PWM 600Hz 187–188 PWM 1200Hz 189–190 PWM 2000Hz 191–192 PWM 4000Hz 193–194 PWM 6000Hz 195–255 PWM 15000Hz

13CH Mode

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

13CH Mode (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–63 STROBE · Fast > Slow 19.5–0.61 Hz 64–64 STROBE · Slow 0.1 Hz 65–69 Shutter Open 70–70 STROBE 100-0% · Fast 20 Hz 71–83 STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 84–84 STROBE 100-0% · Slow 0.1 Hz 85–89 Shutter Open 90–90 STROBE 0-100% · Fast 20 Hz 91–103 STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 104–104 STROBE 0-100% · Slow 0.1 Hz 105–109 Shutter Open 110–110 RANDOM STROBE · Fast 20 Hz 111–123 RANDOM STROBE · Fast > Slow 18.6–1.52 Hz 124–124 RANDOM STROBE · Slow 0.1 Hz 125–129 Shutter Open 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–143 RANDOM STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 144–144 RANDOM STROBE 100-0% · Slow 0.1 Hz 145–149 Shutter Open 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–163 RANDOM STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 164–164 RANDOM STROBE 0-100% · Slow 0.1 Hz 165–169 Shutter Open 170–170 PULSE STROBE · Fast 20 Hz 171–183 PULSE STROBE · Fast > Slow 18.6–1.52 Hz 184–184 PULSE STROBE · Slow 0.1 Hz 185–189 Shutter Open 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–203 RANDOM PULSE STROBE · Fast > Slow 18.6–1.52 Hz 204–204 RANDOM PULSE STROBE · Slow 0.1 Hz 205–209 Shutter Open 210–210 STROBE 0-100-0% · Fast 20 Hz 211–223 STROBE 0-100-0% · Fast > Slow 18.6–1.52 Hz 224–224 STROBE 0-100-0% · Slow 0.1 Hz 225–229 Shutter Open 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open
3	Color Wheel	0	0–10 Open 11–11 Blue (wheel slot 2) 12–48 G+ 49–49 Cyan (wheel slot 3) 50–86 B- 87–87 Green (wheel slot 4) 88–124 R+ 125–125 Yellow (wheel slot 5) 126–162 G- 163–163 Red (wheel slot 6) 164–200 B+ 201–201 Magenta (wheel slot 7) 202–238 R- 239–239 Blue (wheel slot 8) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow

13CH Mode (continued)

Ch	Function	Default	DMX values
4	C TC	0	0–9 Open 10–10 1800K 11–24 1800K - 2200K 25–25 2200K 26–39 2200K -2700K 40–40 2700K 41–54 2700K -3000K 55–55 3000K 56–69 3000K -3200k 70–70 3200K 71–84 3200K - 4000K 85–85 4000K 86–99 4000K-4500K 100–100 4500K 101–114 4500K-5000K 115–115 5000K 116–129 5000K-5600K 130–130 5600K 131–144 5600K-6000K 145–145 6000K 146–159 6000K-6500K 160–160 6500K 161–174 6500K-7000K 175–175 7000K 176–189 7000K-8000K 190–190 8000K 191–204 8000K-10000K 205–255 10000K
5	Effect	0	0–0 Open 1–46 Patterns 47–255 Build-in
6	Step Chennel	0	
7	Auto Run Hold Time	0	0–0 Min 1–254 Min > Max 255–255 Max
8	Auto Run Hold Time1	0	0–0 Min 1–254 Min > Max 255–255 Max
9	Control1	0	0–19 No Func 20–24 RGB 25–79 CMY 80–81 Programming 82–83 Check Steps 84–85 Auto Run 86–87 Auto Run OFF 88–89 Delete Current Step 90–91 Delete All Steps 92–93 Step Jump 94–144 5sec Fade 145–149 Dimmer Curve - Linear 150–154 Dimmer Curve - Square 155–159 Dimmer Curve - I-Square 160–184 Dimmer Curve - Scurve 185–186 PWM 600Hz 187–188 PWM 1200Hz 189–190 PWM 2000Hz 191–192 PWM 4000Hz 193–194 PWM 6000Hz 195–255 PWM 15000Hz

13CH Mode (continued)

Ch	Function	Default	DMX values
10	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
11	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
12	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
13	White	255	0–0 Min 1–254 Min > Max 255–255 Max

30CH Mode

30 channels

Ch	Function	Default	DMX values
1	Dimmer	255	
2	Dimmer Fine	255	Fine byte of Dimmer

30CH Mode (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–63 STROBE · Fast > Slow 19.5–0.61 Hz 64–64 STROBE · Slow 0.1 Hz 65–69 Shutter Open 70–70 STROBE 100-0% · Fast 20 Hz 71–83 STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 84–84 STROBE 100-0% · Slow 0.1 Hz 85–89 Shutter Open 90–90 STROBE 0-100% · Fast 20 Hz 91–103 STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 104–104 STROBE 0-100% · Slow 0.1 Hz 105–109 Shutter Open 110–110 RANDOM STROBE · Fast 20 Hz 111–123 RANDOM STROBE · Fast > Slow 18.6–1.52 Hz 124–124 RANDOM STROBE · Slow 0.1 Hz 125–129 Shutter Open 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–143 RANDOM STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 144–144 RANDOM STROBE 100-0% · Slow 0.1 Hz 145–149 Shutter Open 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–163 RANDOM STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 164–164 RANDOM STROBE 0-100% · Slow 0.1 Hz 165–169 Shutter Open 170–170 PULSE STROBE · Fast 20 Hz 171–183 PULSE STROBE · Fast > Slow 18.6–1.52 Hz 184–184 PULSE STROBE · Slow 0.1 Hz 185–189 Shutter Open 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–203 RANDOM PULSE STROBE · Fast > Slow 18.6–1.52 Hz 204–204 RANDOM PULSE STROBE · Slow 0.1 Hz 205–209 Shutter Open 210–210 STROBE 0-100-0% · Fast 20 Hz 211–223 STROBE 0-100-0% · Fast > Slow 18.6–1.52 Hz 224–224 STROBE 0-100-0% · Slow 0.1 Hz 225–229 Shutter Open 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open
4	Color Wheel	0	0–10 Open 11–11 Blue (wheel slot 2) 12–48 G+ 49–49 Cyan (wheel slot 3) 50–86 B- 87–87 Green (wheel slot 4) 88–124 R+ 125–125 Yellow (wheel slot 5) 126–162 G- 163–163 Red (wheel slot 6) 164–200 B+ 201–201 Magenta (wheel slot 7) 202–238 R- 239–239 Blue (wheel slot 8) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow

30CH Mode (continued)

Ch	Function	Default	DMX values
5	C TC	0	0–9 Open 10–10 1800K 11–24 1800K - 2200K 25–25 2200K 26–39 2200K -2700K 40–40 2700K 41–54 2700K -3000K 55–55 3000K 56–69 3000K -3200k 70–70 3200K 71–84 3200K - 4000K 85–85 4000K 86–99 4000K-4500K 100–100 4500K 101–114 4500K-5000K 115–115 5000K 116–129 5000K-5600K 130–130 5600K 131–144 5600K-6000K 145–145 6000K 146–159 6000K-6500K 160–160 6500K 161–174 6500K-7000K 175–175 7000K 176–189 7000K-8000K 190–190 8000K 191–204 8000K-10000K 205–255 10000K
6	Control1	0	0–19 No Func 20–24 RGB 25–79 CMY 80–81 Static Mode - Record and ON 82–83 Static Mode - ON 84–85 Static Mode - OFF 86–144 Auto Run OFF 145–149 Dimmer Curve - Linear 150–154 Dimmer Curve - Square 155–159 Dimmer Curve - I-Square 160–184 Dimmer Curve - Scurve 185–186 PWM 600Hz 187–188 PWM 1200Hz 189–190 PWM 2000Hz 191–192 PWM 4000Hz 193–194 PWM 6000Hz 195–255 PWM 15000Hz
7	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
8	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
10	White	255	0–0 Min 1–254 Min > Max 255–255 Max
11	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

30CH Mode (continued)

Ch	Function	Default	DMX values
12	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
14	White	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
16	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
17	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
18	White	255	0–0 Min 1–254 Min > Max 255–255 Max
19	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
20	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
21	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
22	White	255	0–0 Min 1–254 Min > Max 255–255 Max
23	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
24	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
25	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
26	White	255	0–0 Min 1–254 Min > Max 255–255 Max
27	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
28	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
29	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

30CH Mode (continued)

Ch	Function	Default	DMX values
30	White	255	0–0 Min 1–254 Min > Max 255–255 Max

66CH Mode

66 channels

Ch	Function	Default	DMX values
1	Dimmer	255	
2	Dimmer Fine	255	Fine byte of Dimmer
3	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–63 STROBE · Fast > Slow 19.5–0.61 Hz 64–64 STROBE · Slow 0.1 Hz 65–69 Shutter Open 70–70 STROBE 100-0% · Fast 20 Hz 71–83 STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 84–84 STROBE 100-0% · Slow 0.1 Hz 85–89 Shutter Open 90–90 STROBE 0-100% · Fast 20 Hz 91–103 STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 104–104 STROBE 0-100% · Slow 0.1 Hz 105–109 Shutter Open 110–110 RANDOM STROBE · Fast 20 Hz 111–123 RANDOM STROBE · Fast > Slow 18.6–1.52 Hz 124–124 RANDOM STROBE · Slow 0.1 Hz 125–129 Shutter Open 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–143 RANDOM STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 144–144 RANDOM STROBE 100-0% · Slow 0.1 Hz 145–149 Shutter Open 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–163 RANDOM STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 164–164 RANDOM STROBE 0-100% · Slow 0.1 Hz 165–169 Shutter Open 170–170 PULSE STROBE · Fast 20 Hz 171–183 PULSE STROBE · Fast > Slow 18.6–1.52 Hz 184–184 PULSE STROBE · Slow 0.1 Hz 185–189 Shutter Open 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–203 RANDOM PULSE STROBE · Fast > Slow 18.6–1.52 Hz 204–204 RANDOM PULSE STROBE · Slow 0.1 Hz 205–209 Shutter Open 210–210 STROBE 0-100-0% · Fast 20 Hz 211–223 STROBE 0-100-0% · Fast > Slow 18.6–1.52 Hz 224–224 STROBE 0-100-0% · Slow 0.1 Hz 225–229 Shutter Open 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open

66CH Mode (continued)

Ch	Function	Default	DMX values
4	Color Wheel	0	0–10 Open 11–11 Blue (wheel slot 2) 12–48 G+ 49–49 Cyan (wheel slot 3) 50–86 B- 87–87 Green (wheel slot 4) 88–124 R+ 125–125 Yellow (wheel slot 5) 126–162 G- 163–163 Red (wheel slot 6) 164–200 B+ 201–201 Magenta (wheel slot 7) 202–238 R- 239–239 Blue (wheel slot 8) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
5	C TC	0	
6	Effect	0	0–0 Open 1–46 Patterns 47–255 Build-in
7	Step Chennel	0	
8	Auto Run Hold Time	0	
9	Auto Run Hold Time1	0	
10	Control1	0	
11	Red	0	
12	Red Fine	0	Fine byte of Red
13	Green	0	
14	Green Fine	0	Fine byte of Green
15	Blue	0	
16	Blue Fine	0	Fine byte of Blue
17	White	0	
18	White Fine	0	Fine byte of White
19	Red	255	
20	Red Fine	255	Fine byte of Red
21	Green	255	
22	Green Fine	255	Fine byte of Green
23	Blue	255	
24	Blue Fine	255	Fine byte of Blue
25	White	255	
26	White Fine	255	Fine byte of White
27	Red	255	
28	Red Fine	255	Fine byte of Red
29	Green	255	
30	Green Fine	255	Fine byte of Green
31	Blue	255	
32	Blue Fine	255	Fine byte of Blue
33	White	255	

66CH Mode (continued)

Ch	Function	Default	DMX values
34	White Fine	255	Fine byte of White
35	Red	255	
36	Red Fine	255	Fine byte of Red
37	Green	255	
38	Green Fine	255	Fine byte of Green
39	Blue	255	
40	Blue Fine	255	Fine byte of Blue
41	White	255	
42	White Fine	255	Fine byte of White
43	Red	255	
44	Red Fine	255	Fine byte of Red
45	Green	255	
46	Green Fine	255	Fine byte of Green
47	Blue	255	
48	Blue Fine	255	Fine byte of Blue
49	White	255	
50	White Fine	255	Fine byte of White
51	Red	255	
52	Red Fine	255	Fine byte of Red
53	Green	255	
54	Green Fine	255	Fine byte of Green
55	Blue	255	
56	Blue Fine	255	Fine byte of Blue
57	White	255	
58	White Fine	255	Fine byte of White
59	Red	255	
60	Red Fine	255	Fine byte of Red
61	Green	255	
62	Green Fine	255	Fine byte of Green
63	Blue	255	
64	Blue Fine	255	Fine byte of Blue
65	White	255	
66	White Fine	255	Fine byte of White