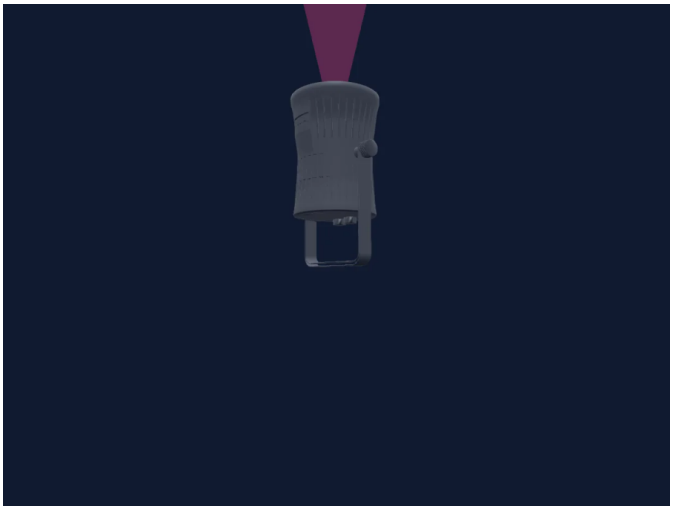
CINDY

TOUGH 350 PAR



Manufacturer	**CINDY**
Type	**PAR**
DMX modes	**3**
DMX footprint	**9, 10, 14 channels**
Beam angle	**3.9-49.8°**
Size (W × H × D)	**255 × 255 × 35 mm**
GDTF fixture type	**38050EEA-19DC-4AE6-9F91-2B...**

Controls

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

Safety-relevant functions

Fixture reset · Service functions · Strobe

DMX modes

9CH Mode	9 ch
10CH Mode	10 ch
14Ch Mode	14 ch

9CH Mode

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Shutter / Strobe	22	0–19 Closed 20–24 Open 25–25 Fast 26–68 Fast > Slow 69–69 Slow 70–70 Fast 71–88 Fast > Slow 89–89 Slow 90–90 Fast 91–108 Fast > Slow 109–109 Slow 110–110 Fast 111–128 Fast > Slow 129–129 Slow 130–130 Fast 131–148 Fast > Slow 149–150 Fast 151–168 Fast > Slow 169–169 Slow 170–170 Fast 171–188 Fast > Slow 189–189 Slow 190–190 Fast 191–208 Fast > Slow 209–209 Slow 210–210 Fast 211–228 Fast > Slow 229–229 Slow 230–230 Fast 231–243 Fast > Slow 244–244 Slow 245–255 Open
3	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
6	White	255	0–0 Min 1–254 Min > Max 255–255 Max

9CH Mode (continued)

Ch	Function	Default	DMX values
7	Color Macro1	0	0–4 No Function - Custom 5–9 Color 1 - Color (wheel slot 1) 10–14 Color 2 - Color (wheel slot 2) 15–19 Color 3 - Color (wheel slot 3) 20–24 Color 4 - Color (wheel slot 4) 25–29 Color 5 - Color (wheel slot 5) 30–34 Color 6 - Color (wheel slot 6) 35–39 Color 7 - Color (wheel slot 7) 40–44 Color 8 - Color (wheel slot 8) 45–49 Color 9 - Color (wheel slot 9) 50–54 Color 10 - Color (wheel slot 10) 55–59 Color 11 - Color (wheel slot 11) 60–64 Color 12 - Color (wheel slot 12) 65–69 Color 13 - Color (wheel slot 13) 70–74 Color 14 - Color (wheel slot 14) 75–79 Color 15 - Color (wheel slot 15) 80–84 Color 16 - Color (wheel slot 16) 85–89 Color 17 - Color (wheel slot 17) 90–94 Color 18 - Color (wheel slot 18) 95–99 Color 19 - Color (wheel slot 19) 100–104 Color 20 - Color (wheel slot 20) 105–109 Color 21 - Color (wheel slot 21) 110–114 Color 22 - Color (wheel slot 22) 115–119 Color 23 - Color (wheel slot 23) 120–124 Color 24 - Color (wheel slot 24) 125–129 Color 25 - Color (wheel slot 25) 130–134 Color 26 - Color (wheel slot 26) 135–139 Color 27 - Color (wheel slot 27) 140–144 Color 28 - Color (wheel slot 28) 145–149 Color 29 - Color (wheel slot 29) 150–154 Color 30 - Color (wheel slot 30) 155–159 Color 31 - Color (wheel slot 31) 160–164 Color 32 - Color (wheel slot 32) 165–169 Color 33 - Color (wheel slot 33) 170–174 Color 34 - Color (wheel slot 34) 175–179 No Function - Custom 180–201 Color Fade F > S - Rotate CW 202–207 Stop Loop - Stop Loop 208–229 Reverse Color Fade F > S - Rotate CCW 230–234 No Function - Custom 235–249 Color Jump F > S - Custom 250–255 No Function - Custom
8	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide

9CH Mode (continued)

Ch	Function	Default	DMX values
9	Control1	0	0–9 Default 10–39 No Function 40–44 Defrost fan on 45–49 Defrost fan off 50–59 Reserved 60–64 Zoom Reset 65–69 Reserved 70–74 All Reset 75–119 Reserved 120–124 Fan Mode Eco 125–129 Fan Mode Full 130–134 Fan Mode Auto 135–139 Fast Dimmer Mode 140–144 Smooth Dimmer Mode 145–149 Linear Dimmer Curve 150–154 Square Dimmer Curve 155–159 Inverse Square Dimmer Curve 160–164 S-Curve Dimmer Curve 165–169 White Mode 170–174 Full Mode 175–179 Single-Color Calibration Off 180–184 Single-Color Calibration On 185–239 No Function 240–247 Calibration On 248–255 Calibration Off

10CH Mode

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

10CH Mode (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	22	0–19 Closed 20–24 Open 25–25 Fast 26–68 Fast > Slow 69–69 Slow 70–70 Fast 71–88 Fast > Slow 89–89 Slow 90–90 Fast 91–108 Fast > Slow 109–109 Slow 110–110 Fast 111–128 Fast > Slow 129–129 Slow 130–130 Fast 131–148 Fast > Slow 149–150 Fast 151–168 Fast > Slow 169–169 Slow 170–170 Fast 171–188 Fast > Slow 189–189 Slow 190–190 Fast 191–208 Fast > Slow 209–209 Slow 210–210 Fast 211–228 Fast > Slow 229–229 Slow 230–230 Fast 231–243 Fast > Slow 244–244 Slow 245–255 Open
4	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
7	White	255	0–0 Min 1–254 Min > Max 255–255 Max

10CH Mode (continued)

Ch	Function	Default	DMX values
8	Color Macro1	0	0–4 No Function - Custom 5–9 Color 1 - Color (wheel slot 1) 10–14 Color 2 - Color (wheel slot 2) 15–19 Color 3 - Color (wheel slot 3) 20–24 Color 4 - Color (wheel slot 4) 25–29 Color 5 - Color (wheel slot 5) 30–34 Color 6 - Color (wheel slot 6) 35–39 Color 7 - Color (wheel slot 7) 40–44 Color 8 - Color (wheel slot 8) 45–49 Color 9 - Color (wheel slot 9) 50–54 Color 10 - Color (wheel slot 10) 55–59 Color 11 - Color (wheel slot 11) 60–64 Color 12 - Color (wheel slot 12) 65–69 Color 13 - Color (wheel slot 13) 70–74 Color 14 - Color (wheel slot 14) 75–79 Color 15 - Color (wheel slot 15) 80–84 Color 16 - Color (wheel slot 16) 85–89 Color 17 - Color (wheel slot 17) 90–94 Color 18 - Color (wheel slot 18) 95–99 Color 19 - Color (wheel slot 19) 100–104 Color 20 - Color (wheel slot 20) 105–109 Color 21 - Color (wheel slot 21) 110–114 Color 22 - Color (wheel slot 22) 115–119 Color 23 - Color (wheel slot 23) 120–124 Color 24 - Color (wheel slot 24) 125–129 Color 25 - Color (wheel slot 25) 130–134 Color 26 - Color (wheel slot 26) 135–139 Color 27 - Color (wheel slot 27) 140–144 Color 28 - Color (wheel slot 28) 145–149 Color 29 - Color (wheel slot 29) 150–154 Color 30 - Color (wheel slot 30) 155–159 Color 31 - Color (wheel slot 31) 160–164 Color 32 - Color (wheel slot 32) 165–169 Color 33 - Color (wheel slot 33) 170–174 Color 34 - Color (wheel slot 34) 175–179 No Function - Custom 180–201 Color Fade F > S - Rotate CW 202–207 Stop Loop - Stop Loop 208–229 Reverse Color Fade F > S - Rotate CCW 230–234 No Function - Custom 235–249 Color Jump F > S - Custom 250–255 No Function - Custom
9	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide

10CH Mode (continued)

Ch	Function	Default	DMX values
10	Control1	0	0–9 Default 10–39 No Function 40–44 Defrost fan on 45–49 Defrost fan off 50–59 Reserved 60–64 Zoom Reset 65–69 Reserved 70–74 All Reset 75–119 Reserved 120–124 Fan Mode Eco 125–129 Fan Mode Full 130–134 Fan Mode Auto 135–139 Fast Dimmer Mode 140–144 Smooth Dimmer Mode 145–149 Linear Dimmer Curve 150–154 Square Dimmer Curve 155–159 Inverse Square Dimmer Curve 160–164 S-Curve Dimmer Curve 165–169 White Mode 170–174 Full Mode 175–179 Single-Color Calibration Off 180–184 Single-Color Calibration On 185–239 No Function 240–247 Calibration On 248–255 Calibration Off

14Ch Mode

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

14Ch Mode (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	22	0–19 Closed 20–24 Open 25–25 Fast 26–68 Fast > Slow 69–69 Slow 70–70 Fast 71–88 Fast > Slow 89–89 Slow 90–90 Fast 91–108 Fast > Slow 109–109 Slow 110–110 Fast 111–128 Fast > Slow 129–129 Slow 130–130 Fast 131–148 Fast > Slow 149–150 Fast 151–168 Fast > Slow 169–169 Slow 170–170 Fast 171–188 Fast > Slow 189–189 Slow 190–190 Fast 191–208 Fast > Slow 209–209 Slow 210–210 Fast 211–228 Fast > Slow 229–229 Slow 230–230 Fast 231–243 Fast > Slow 244–244 Slow 245–255 Open
4	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Red Fine	255	Fine byte of Red
6	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Green Fine	255	Fine byte of Green
8	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Blue Fine	255	Fine byte of Blue
10	White	255	0–0 Min 1–254 Min > Max 255–255 Max
11	White Fine	255	Fine byte of White

14Ch Mode (continued)

Ch	Function	Default	DMX values
12	Color Macro1	0	0–4 No Function - Custom 5–9 Color 1 - Color (wheel slot 1) 10–14 Color 2 - Color (wheel slot 2) 15–19 Color 3 - Color (wheel slot 3) 20–24 Color 4 - Color (wheel slot 4) 25–29 Color 5 - Color (wheel slot 5) 30–34 Color 6 - Color (wheel slot 6) 35–39 Color 7 - Color (wheel slot 7) 40–44 Color 8 - Color (wheel slot 8) 45–49 Color 9 - Color (wheel slot 9) 50–54 Color 10 - Color (wheel slot 10) 55–59 Color 11 - Color (wheel slot 11) 60–64 Color 12 - Color (wheel slot 12) 65–69 Color 13 - Color (wheel slot 13) 70–74 Color 14 - Color (wheel slot 14) 75–79 Color 15 - Color (wheel slot 15) 80–84 Color 16 - Color (wheel slot 16) 85–89 Color 17 - Color (wheel slot 17) 90–94 Color 18 - Color (wheel slot 18) 95–99 Color 19 - Color (wheel slot 19) 100–104 Color 20 - Color (wheel slot 20) 105–109 Color 21 - Color (wheel slot 21) 110–114 Color 22 - Color (wheel slot 22) 115–119 Color 23 - Color (wheel slot 23) 120–124 Color 24 - Color (wheel slot 24) 125–129 Color 25 - Color (wheel slot 25) 130–134 Color 26 - Color (wheel slot 26) 135–139 Color 27 - Color (wheel slot 27) 140–144 Color 28 - Color (wheel slot 28) 145–149 Color 29 - Color (wheel slot 29) 150–154 Color 30 - Color (wheel slot 30) 155–159 Color 31 - Color (wheel slot 31) 160–164 Color 32 - Color (wheel slot 32) 165–169 Color 33 - Color (wheel slot 33) 170–174 Color 34 - Color (wheel slot 34) 175–179 No Function - Custom 180–201 Color Fade F > S - Rotate CW 202–207 Stop Loop - Stop Loop 208–229 Reverse Color Fade F > S - Rotate CCW 230–234 No Function - Custom 235–249 Color Jump F > S - Custom 250–255 No Function - Custom
13	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide

14Ch Mode (continued)

Ch	Function	Default	DMX values
14	Control1	0	0–9 Default 10–39 No Function 40–44 Defrost fan on 45–49 Defrost fan off 50–59 Reserved 60–64 Zoom Reset 65–69 Reserved 70–74 All Reset 75–119 Reserved 120–124 Fan Mode Eco 125–129 Fan Mode Full 130–134 Fan Mode Auto 135–139 Fast Dimmer Mode 140–144 Smooth Dimmer Mode 145–149 Linear Dimmer Curve 150–154 Square Dimmer Curve 155–159 Inverse Square Dimmer Curve 160–164 S-Curve Dimmer Curve 165–169 White Mode 170–174 Full Mode 175–179 Single-Color Calibration Off 180–184 Single-Color Calibration On 185–239 No Function 240–247 Calibration On 248–255 Calibration Off