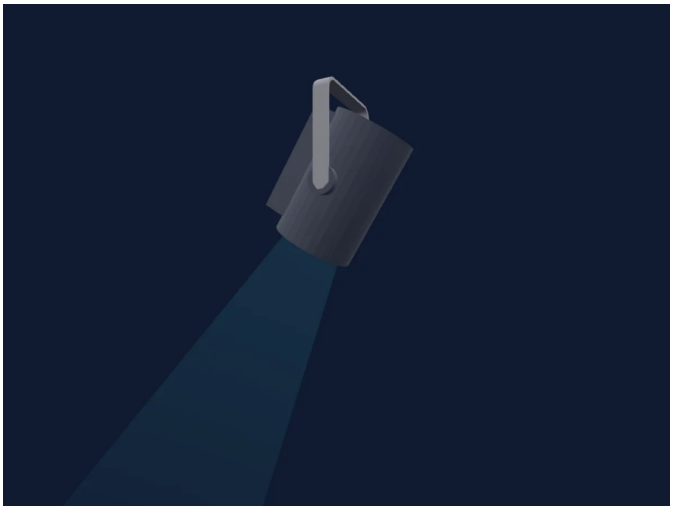
CLF Lighting

SPECTRUM F-350FC



Manufacturer	**CLF Lighting**
Type	**Moving head**
DMX modes	**8**
DMX footprint	**1, 3, 6, 9, 10, 14, 15, 22 channels**
Beam angle	**11-42°**
Pan range	**360°**
Tilt range	**270°**
Size (W × H × D)	**260 × 360 × 265 mm**
GDTF fixture type	**8578442D-AAFD-48FB-99B4-D7…**

Controls

Zoom · CMY colour mixing · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Dimmer · Pixel control · Pan and tilt

DMX modes

1CH Dim	1 ch
3CH CCT	3 ch
6CH Dim color	6 ch
9CH XY	9 ch
10Ch RGBW 16Bit	10 ch
14CH Standard	14 ch
15CH CMY	15 ch
22CH Standard+	22 ch

1CH Dim

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

3CH CCT

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Zoom	127	0–126 Narrow 127–254 Normal 255–255 Wide
3	C TO	6	0–5 BlackOut 6–254 min 255–255 max

6CH Dim color

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter1Strobe	255	0–1 closed 2–61 min 62–62 max 63–64 Open 65–124 min Pulse close 125–125 max Pulse close 126–127 open 128–187 min Pulse open 188–188 max Pulse open 189–190 open 191–250 min Rnd 251–251 max rnd 252–255 open
4	Color Macro1	155	
5	Zoom	127	0–126 Narrow 127–254 Normal 255–255 Wide
6	C TO	0	0–5 Color Macros 6–254 min 255–255 max

9CH XY

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

9CH XY (continued)

Ch	Function	Default	DMX values
3	Shutter1Strobe	255	0–1 closed 2–61 min 62–62 max 63–64 Open 65–124 min Pulse close 125–125 max Pulse close 126–127 open 128–187 min Pulse open 188–188 max Pulse open 189–190 open 191–250 min Rnd 251–251 max rnd 252–255 open
4	Control1	0	
5	Zoom	127	0–126 Narrow 127–254 Normal 255–255 Wide
6	C IEX	99	
7	C IEX Fine	99	Fine byte of C IEX
8	C IEY	99	
9	C IEY Fine	99	Fine byte of C IEY

10Ch RGBW 16Bit

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Zoom	127	0–126 Narrow 127–254 Normal 255–255 Wide
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add WW	255	
10	Color Add WW Fine	255	Fine byte of Color Add WW

14CH Standard

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

14CH Standard (continued)

Ch	Function	Default	DMX values
3	Shutter1Strobe	255	0–1 closed 2–61 min 62–62 max 63–64 Open 65–124 min Pulse close 125–125 max Pulse close 126–127 open 128–187 min Pulse open 188–188 max Pulse open 189–190 open 191–250 min Rnd 251–251 max rnd 252–255 open
4	Control1	0	

14CH Standard (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–4 No Function (wheel slot 1) 5–5 LEE 002 Rose Pink (wheel slot 2) 6–6 LEE 004 Medium Bastard Amber (wheel slot 3) 7–7 LEE 007 Pale Yellow (wheel slot 4) 8–8 LEE 008 Dark Salmon (wheel slot 5) 9–9 LEE 009 Pale Amber Gold (wheel slot 6) 10–10 LEE 013 Straw Tint (wheel slot 7) 11–11 LEE 017 Surprise Peach (wheel slot 8) 12–12 LEE 020 Medium Amber (wheel slot 9) 13–13 LEE 025 Sunset Red (wheel slot 10) 14–14 LEE 036 Medium Pink (wheel slot 11) 15–15 LEE 048 Rose Purple (wheel slot 12) 16–16 LEE 058 Lavender (wheel slot 13) 17–17 LEE 063 Pale Blue (wheel slot 14) 18–18 LEE 075 Evening Blue (wheel slot 15) 19–19 LEE 088 Lime Green (wheel slot 16) 20–20 LEE 089 Moss Green (wheel slot 17) 21–21 LEE 090 Dark Yellow Green (wheel slot 18) 22–22 LEE 103 Straw (wheel slot 19) 23–23 LEE 106 Primary Red (wheel slot 20) 24–24 LEE 107 Light Rose (wheel slot 21) 25–25 LEE 108 English Rose (wheel slot 22) 26–26 LEE 109 Light Salmon (wheel slot 23) 27–27 LEE 110 Middle Rose (wheel slot 24) 28–28 LEE 111 Dark Pink (wheel slot 25) 29–29 LEE 117 Steel Blue (wheel slot 26) 30–30 LEE 121 LEE Green (wheel slot 27) 31–31 LEE 122 Fern Green (wheel slot 28) 32–32 LEE 127 Smokey Pink (wheel slot 29) 33–33 LEE 128 Bright Pink (wheel slot 30) 34–34 LEE 131 Marine Blue (wheel slot 31) 35–35 LEE 134 Golden Amber (wheel slot 32) 36–36 LEE 137 Special Lavender (wheel slot 33) 37–37 LEE 138 Pale Green (wheel slot 34) 38–38 LEE 140 Summer Blue (wheel slot 35) 39–39 LEE 142 Pale Violet (wheel slot 36) 40–40 LEE 143 Pale Navy Blue (wheel slot 37) 41–41 LEE 144 No Colour Blue (wheel slot 38) 42–42 LEE 147 Apricot (wheel slot 39) 43–43 LEE 148 Bright Rose (wheel slot 40) 44–44 LEE 151 Gold Tint (wheel slot 41) 45–45 LEE 152 Pale Gold (wheel slot 42) 46–46 LEE 153 Pale Salmon (wheel slot 43) 47–47 LEE 154 Pale Rose (wheel slot 44) 48–48 LEE 156 Chocolate (wheel slot 45) 49–49 LEE 157 Pink (wheel slot 46) 50–50 LEE 161 Slate Blue (wheel slot 47) 51–51 LEE 162 Bastard Amber (wheel slot 48) 52–52 LEE 164 Flame Red (wheel slot 49) 53–53 LEE 165 Daylight Blue (wheel slot 50) 54–54 LEE 170 Deep Lavender (wheel slot 51) 55–55 LEE 174 Dark Steel Blue (wheel slot 52) 56–56 LEE 176 Loving Amber (wheel slot 53) 57–57 LEE 180 Dark Lavender (wheel slot 54) 58–58 LEE 192 Flesh Pink (wheel slot 55) 59–59 LEE 194 Surprise Pink (wheel slot 56) 60–60 LEE 196 True Blue (wheel slot 57) 61–61 LEE 197 Alice Blue (wheel slot 58) 62–62 LEE 198 Palace Blue (wheel slot 59) 63–63 LEE 199 Regal Blue (wheel slot 60) 64–64 LEE 200 Double CTB (wheel slot 61) 65–65 LEE 201 Full CTB (wheel slot 62) 66–66 LEE 202 Half CTB (wheel slot 63) 67–67 LEE 203 Quarter CTB (wheel slot 64)

14CH Standard (continued)

Ch	Function	Default	DMX values
6	Zoom	127	0–126 Narrow 127–254 Normal 255–255 Wide
7	Red	255	
8	Green	255	
9	Blue	255	
10	Color Add WW	255	
11	C TO	0	0–5 RGBW Mixing 6–254 min 255–255 max
12	Tint	0	0–0 noFuction 1–127 minus green 128–254 0 255–255 plus green
13	Pan	127	
14	Tilt	127	

15CH CMY

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter1Strobe	255	0–1 closed 2–61 min 62–62 max 63–64 Open 65–124 min Pulse close 125–125 max Pulse close 126–127 open 128–187 min Pulse open 188–188 max Pulse open 189–190 open 191–250 min Rnd 251–251 max rnd 252–255 open
4	Control1	0	
5	Zoom	127	0–126 Narrow 127–254 Normal 255–255 Wide
6	C TO	0	0–5 CMY Mixing 6–254 min 255–255 max
7	Tint	0	0–0 noFuction 1–127 minus green 128–254 0 255–255 plus green
8	Cyan	0	
9	Cyan Fine	0	Fine byte of Cyan
10	Magenta	0	
11	Magenta Fine	0	Fine byte of Magenta
12	Yellow	0	
13	Yellow Fine	0	Fine byte of Yellow

15CH CMY (continued)

Ch	Function	Default	DMX values
14	Color Macro2	0	0–10 No Function 11–39 Color Chase 40–68 Police Car 69–96 FireTruck 97–125 Fire 126–154 Clouds 155–182 Fireworks 183–211 Paparazzi 212–240 Lightning 241–255 No Function
15	Color Macro2Rate	0	0–126 Fast 127–254 Mid 255–255 Slow

22CH Standard+

22 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter1Strobe	255	0–1 closed 2–61 min 62–62 max 63–64 Open 65–124 min Pulse close 125–125 max Pulse close 126–127 open 128–187 min Pulse open 188–188 max Pulse open 189–190 open 191–250 min Rnd 251–251 max rnd 252–255 open
4	Control1	0	

22CH Standard+ (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–4 No Function (wheel slot 1) 5–5 LEE 002 Rose Pink (wheel slot 2) 6–6 LEE 004 Medium Bastard Amber (wheel slot 3) 7–7 LEE 007 Pale Yellow (wheel slot 4) 8–8 LEE 008 Dark Salmon (wheel slot 5) 9–9 LEE 009 Pale Amber Gold (wheel slot 6) 10–10 LEE 013 Straw Tint (wheel slot 7) 11–11 LEE 017 Surprise Peach (wheel slot 8) 12–12 LEE 020 Medium Amber (wheel slot 9) 13–13 LEE 025 Sunset Red (wheel slot 10) 14–14 LEE 036 Medium Pink (wheel slot 11) 15–15 LEE 048 Rose Purple (wheel slot 12) 16–16 LEE 058 Lavender (wheel slot 13) 17–17 LEE 063 Pale Blue (wheel slot 14) 18–18 LEE 075 Evening Blue (wheel slot 15) 19–19 LEE 088 Lime Green (wheel slot 16) 20–20 LEE 089 Moss Green (wheel slot 17) 21–21 LEE 090 Dark Yellow Green (wheel slot 18) 22–22 LEE 103 Straw (wheel slot 19) 23–23 LEE 106 Primary Red (wheel slot 20) 24–24 LEE 107 Light Rose (wheel slot 21) 25–25 LEE 108 English Rose (wheel slot 22) 26–26 LEE 109 Light Salmon (wheel slot 23) 27–27 LEE 110 Middle Rose (wheel slot 24) 28–28 LEE 111 Dark Pink (wheel slot 25) 29–29 LEE 117 Steel Blue (wheel slot 26) 30–30 LEE 121 LEE Green (wheel slot 27) 31–31 LEE 122 Fern Green (wheel slot 28) 32–32 LEE 127 Smokey Pink (wheel slot 29) 33–33 LEE 128 Bright Pink (wheel slot 30) 34–34 LEE 131 Marine Blue (wheel slot 31) 35–35 LEE 134 Golden Amber (wheel slot 32) 36–36 LEE 137 Special Lavender (wheel slot 33) 37–37 LEE 138 Pale Green (wheel slot 34) 38–38 LEE 140 Summer Blue (wheel slot 35) 39–39 LEE 142 Pale Violet (wheel slot 36) 40–40 LEE 143 Pale Navy Blue (wheel slot 37) 41–41 LEE 144 No Colour Blue (wheel slot 38) 42–42 LEE 147 Apricot (wheel slot 39) 43–43 LEE 148 Bright Rose (wheel slot 40) 44–44 LEE 151 Gold Tint (wheel slot 41) 45–45 LEE 152 Pale Gold (wheel slot 42) 46–46 LEE 153 Pale Salmon (wheel slot 43) 47–47 LEE 154 Pale Rose (wheel slot 44) 48–48 LEE 156 Chocolate (wheel slot 45) 49–49 LEE 157 Pink (wheel slot 46) 50–50 LEE 161 Slate Blue (wheel slot 47) 51–51 LEE 162 Bastard Amber (wheel slot 48) 52–52 LEE 164 Flame Red (wheel slot 49) 53–53 LEE 165 Daylight Blue (wheel slot 50) 54–54 LEE 170 Deep Lavender (wheel slot 51) 55–55 LEE 174 Dark Steel Blue (wheel slot 52) 56–56 LEE 176 Loving Amber (wheel slot 53) 57–57 LEE 180 Dark Lavender (wheel slot 54) 58–58 LEE 192 Flesh Pink (wheel slot 55) 59–59 LEE 194 Surprise Pink (wheel slot 56) 60–60 LEE 196 True Blue (wheel slot 57) 61–61 LEE 197 Alice Blue (wheel slot 58) 62–62 LEE 198 Palace Blue (wheel slot 59) 63–63 LEE 199 Regal Blue (wheel slot 60) 64–64 LEE 200 Double CTB (wheel slot 61) 65–65 LEE 201 Full CTB (wheel slot 62) 66–66 LEE 202 Half CTB (wheel slot 63) 67–67 LEE 203 Quarter CTB (wheel slot 64)

22CH Standard+ (continued)

Ch	Function	Default	DMX values
6	Zoom	127	0–126 Narrow 127–254 Normal 255–255 Wide
7	Red	255	
8	Red Fine	255	Fine byte of Red
9	Green	255	
10	Green Fine	255	Fine byte of Green
11	Blue	255	
12	Blue Fine	255	Fine byte of Blue
13	Color Add WW	255	
14	Color Add WW Fine	255	Fine byte of Color Add WW
15	C TO	0	0–5 RGBW Mixing 6–254 min 255–255 max
16	Tint	0	0–0 noFuction 1–127 minus green 128–254 0 255–255 plus green
17	Color Macro2	0	0–10 No Function 11–39 Color Chase 40–68 Police Car 69–96 FireTruck 97–125 Fire 126–154 Clouds 155–182 Fireworks 183–211 Paparazzi 212–240 Lightning 241–255 No Function
18	Color Macro2Rate	0	0–126 Fast 127–254 Mid 255–255 Slow
19	Pan	127	
20	Pan Fine	255	Fine byte of Pan
21	Tilt	127	
22	Tilt Fine	255	Fine byte of Tilt