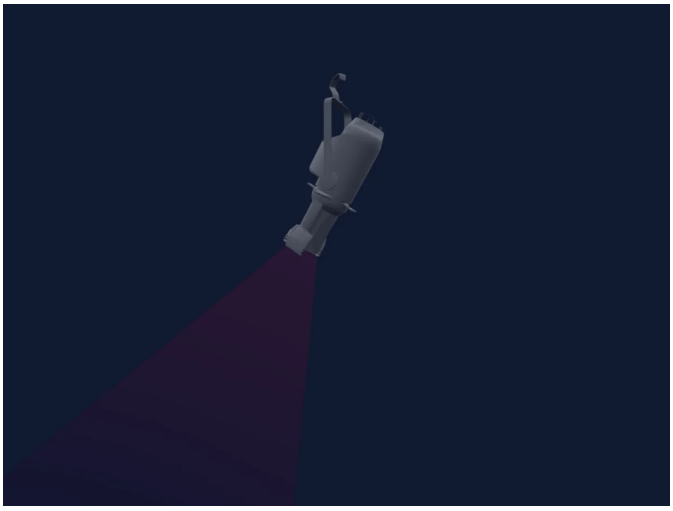
Prolights

# EclFS_50



| | |
|---|---|
| Manufacturer | **Prolights** |
| Type | **Moving head** |
| DMX modes | **14** |
| DMX footprint | **1, 2, 3, 4, 5, 8, 13, 20 channels** |
| Beam angle | **46.9°** |
| Pan range | **360°** |
| Tilt range | **360°** |
| Size (W × H × D) | **264 × 634 × 264 mm** |
| GDTF fixture type | **E842D6A1-ED91-4970-9463-7A…** |

## Controls

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

## DMX modes

| | |
|---|---|
| 1ch | 1 ch |
| 3200K | 1 ch |
| 5400K | 1 ch |
| 6500K | 1 ch |
| 2ch | 2 ch |
| 3ch | 3 ch |
| 3ch RGB | 3 ch |
| 4ch RGBL | 4 ch |
| 5ch | 5 ch |
| 5ch RGBL | 5 ch |
| 5ch Tun | 5 ch |
| 8ch | 8 ch |
| 13ch | 13 ch |
| 20ch | 20 ch |

## 1ch

1 channel

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |

## 3200K

1 channel

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |

## 5400K

1 channel

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |

## 6500K

1 channel

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |

## 2ch

2 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | C TC | 64 | 0–22 2000K<br>23–57 2000-2700K<br>58–90 2700-3200K<br>91–139 3200-4200K<br>140–185 4200-5600K<br>186–234 5600-8000K<br>235–255 8000-10000K |

## 3ch

3 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | C TC | 64 | 0–22 2000K<br>23–57 2000-2700K<br>58–90 2700-3200K<br>91–139 3200-4200K<br>140–185 4200-5600K<br>186–234 5600-8000K<br>235–255 8000-10000K |
| 3 | Dimmer Mode | 0 | 0–254 Snap<br>255–255 Smooth |

## 3ch RGB

3 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |

## 4ch RGBL

4 channels

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

## 5ch

5 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | C TC | 64 | 0–22 2000K<br>23–57 2000-2700K<br>58–90 2700-3200K<br>91–139 3200-4200K<br>140–185 4200-5600K<br>186–234 5600-8000K<br>235–255 8000-10000K |
| 4 | C TC Fine | 0 | Fine byte of C TC |
| 5 | Dimmer Mode | 0 | 0–254 Snap<br>255–255 Smooth |

## 5ch RGBL

5 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | Red | 255 | |
| 3 | Green | 255 | |
| 4 | Blue | 255 | |
| 5 | Color Add GY | 255 | |

## 5ch Tun

5 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | Red | 255 | |
| 3 | Green | 255 | |
| 4 | Blue | 255 | |
| 5 | Color Add GY | 255 | |

## 8ch

8 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | Red | 255 | |
| 3 | Green | 255 | |
| 4 | Blue | 255 | |
| 5 | Color Add GY | 255 | |
| 6 | C TC | 64 | 0–22 No Function<br>23–57 2000-2700K<br>58–90 2700-3200K<br>91–139 3200-4200K<br>140–185 4200-5600K<br>186–234 5600-8000K<br>235–255 8000-10000K |
| 7 | Shutter / Strobe | 3 | 0–3 Open<br>4–255 Strobe |
| 8 | Dimmer Mode | 0 | 0–254 Snap<br>255–255 Smooth |

## 13ch

13 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 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 GY | 255 | |
| 10 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 11 | C TC | 64 | 0–22 No Function<br>23–57 2000-2700K<br>58–90 2700-3200K<br>91–139 3200-4200K<br>140–185 4200-5600K<br>186–234 5600-8000K<br>235–255 8000-10000K |
| 12 | Shutter / Strobe | 3 | 0–3 Open<br>4–255 Strobe |
| 13 | Dimmer Mode | 0 | 0–254 Snap<br>255–255 Smooth |

## 20ch

20 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|

## 20ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Shutter / Strobe | 251 | 0–1 Close<br>2–62 ShutterStrobe · Slow2Fast 0.9–15 Hz<br>63–64 Open<br>65–125 Pulse In<br>126–127 Open<br>128–188 Pulse Out<br>189–190 Open<br>191–250 Random<br>251–255 Open |
| 2 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 3 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 4 | Dimmer Mode | 0 | 0–254 Snap<br>255–255 Smooth |
| 5 | Color Control | 0 | 0–127 CTC<br>128–255 CTC+AmberShift |
| 6 | C TC | 0 | 0–254 2000K<br>255–255 10000K |
| 7 | Tint | 128 | 0–127 -25<br>128–254 0<br>255–255 +25 |
| 8 | Color XFade | 0 | 0–254 CTC<br>255–255 ColorMix |
| 9 | Red | 255 | |
| 10 | Red Fine | 255 | Fine byte of Red |
| 11 | Green | 255 | |
| 12 | Green Fine | 255 | Fine byte of Green |
| 13 | Blue | 255 | |
| 14 | Blue Fine | 255 | Fine byte of Blue |
| 15 | Color Add GY | 255 | |
| 16 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 17 | Color Mix Mode | 0 | 0–16 NoFeature<br>17–31 WhitePresets<br>32–47 CwSpin<br>48–63 CCWSpin<br>64–79 Continuous<br>80–111 ColorBounce<br>112–255 TDB |
| 18 | Color Macro1 | 0 | 0–0 CW RainbowFX Slow<br>1–1 Red<br>2–2 Green<br>3–3 Blue<br>4–4 Lime<br>5–5 LED All<br>6–66 Red up Green down Blue full Lime full<br>67–128 Red full Green up Blue down Lime full<br>129–191 Red full Green full Blue up Lime down<br>192–254 Red down Green full Blue full Lime up<br>255–255 CW RainbowFX Fast |

## 20ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **19** | Color Macro2 | 0 | 0–0 Black<br>1–1 Red<br>2–2 Green<br>3–3 Blue<br>4–4 Lime<br>5–5 LED All<br>6–66 Red up Green down Blue full Lime full<br>67–128 Red full Green up Blue down Lime full<br>129–191 Red full Green full Blue up Lime down<br>192–255 Red down Green full Blue full Lime up |
| **20** | C TO | 0 | 0–254 Cto On Colors 0<br>255–255 Cto On Colors 100 |