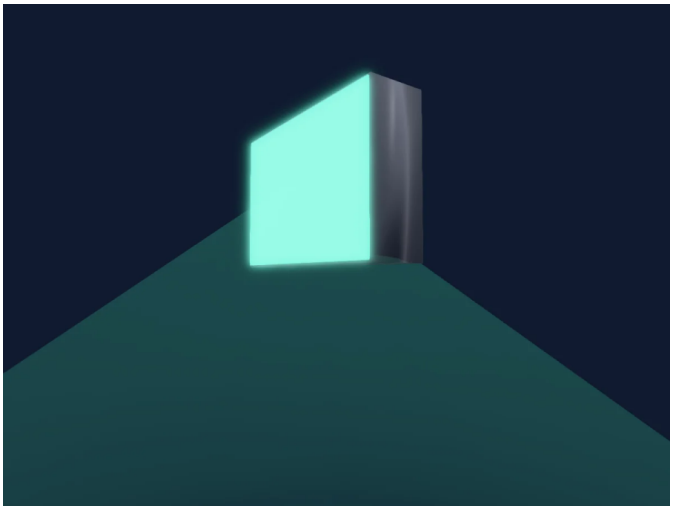
ETC

# fos/4 PD16



| | |
|---|---|
| Manufacturer | **ETC** |
| Type | **PAR** |
| DMX modes | **6** |
| DMX footprint | **1, 3, 7, 8, 10, 11 channels** |
| Beam angle | **108°** |
| Size (W × H × D) | **620 × 416 × 160 mm** |
| GDTF fixture type | **6D49DECF-D379-45E0-9B3F-FB...** |

## Controls

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

## DMX modes

| | |
|---|---|
| 1ch | 1 ch |
| 3ch RGB | 3 ch |
| Studio | 7 ch |
| HSIC | 8 ch |
| Direct | 10 ch |
| Expanded | 11 ch |

## 1ch

1 channel

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | |

## 3ch RGB

3 channels

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

## Studio

7 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | |
| 2 | C TC | 0 | 0–0 3200K<br>1–165 1900K - 6000K<br>166–254 6050K - 10450K<br>255–255 5600K |
| 3 | Tint | 128 | 0–0 Neutral<br>1–127 + Green<br>128–128 Neutral<br>129–255 - Green |
| 4 | Color RGBQuality | 0 | 0–49 Brightest<br>50–255 Spectral |
| 5 | Strobe Mode Shutter | 0 | 0–0 Open<br>1–40 Dark Strobe<br>41–80 Bright Strobe<br>81–120 Pulse<br>121–160 Random<br>161–200 Flicker<br>201–240 Open<br>241–254 Closed<br>255–255 Open |
| 6 | Dimmer Curve | 0 | 0–9 Incandescent<br>10–19 Linear<br>20–29 Incandescent Red Shift<br>30–39 Linear Red Shift<br>40–255 Quick |
| 7 | Fans | 0 | 0–9 Fan Auto<br>10–19 Fan Off<br>20–20 Fan Min<br>21–248 Fan Intensity<br>249–249 Fan Max<br>250–255 Fan Auto |

## HSIC

8 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | H SBHue | 0 | |
| 2 | H SBHue Fine | 0 | Fine byte of H SBHue |
| 3 | H SBSaturation | 0 | |
| 4 | Dimmer | 0 | |

### HSIC (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **5** | C TC | 0 | 0–0 3200K<br>1–165 1900K - 6000K<br>166–254 6050K - 10450K<br>255–255 5600K |
| **6** | Strobe Mode Shutter | 0 | 0–0 Open<br>1–40 Dark Strobe<br>41–80 Bright Strobe<br>81–120 Pulse<br>121–160 Random<br>161–200 Flicker<br>201–240 Open<br>241–254 Closed<br>255–255 Open |
| **7** | Dimmer Curve | 0 | 0–9 Incandescent<br>10–19 Linear<br>20–29 Incandescent Red Shift<br>30–39 Linear Red Shift<br>40–255 Quick |
| **8** | Fans | 0 | 0–9 Fan Auto<br>10–19 Fan Off<br>20–20 Fan Min<br>21–248 Fan Intensity<br>249–249 Fan Max<br>250–255 Fan Auto |

## Direct

10 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | |
| **2** | Color Add DR | 255 | |
| **3** | Red | 255 | |
| **4** | Color Add Mn | 255 | |
| **5** | Color Add C | 255 | |
| **6** | Blue | 255 | |
| **7** | Color Add I | 255 | |
| **8** | Strobe Mode Shutter | 0 | 0–0 Open<br>1–40 Dark Strobe<br>41–80 Bright Strobe<br>81–120 Pulse<br>121–160 Random<br>161–200 Flicker<br>201–240 Open<br>241–254 Closed<br>255–255 Open |
| **9** | Dimmer Curve | 0 | 0–9 Incandescent<br>10–19 Linear<br>20–29 Incandescent Red Shift<br>30–39 Linear Red Shift<br>40–255 Quick |
| **10** | Fans | 0 | 0–9 Fan Auto<br>10–19 Fan Off<br>20–20 Fan Min<br>21–248 Fan Intensity<br>249–249 Fan Max<br>250–255 Fan Auto |

## Expanded

11 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | |
| 2 | C TC | 0 | 0–0 3200K<br>1–165 1900K - 6000K<br>166–254 6050K - 10450K<br>255–255 5600K |
| 3 | Tint | 128 | 0–0 Neutral<br>1–127 + Green<br>128–128 Neutral<br>129–255 - Green |
| 4 | Color RGBQuality | 0 | 0–49 Brightest<br>50–255 Spectral |
| 5 | Color Mix Mode | 0 | 0–0 Color Temp<br>1–254 Color XF<br>255–255 Color Mix |
| 6 | Red | 255 | |
| 7 | Green | 255 | |
| 8 | Blue | 255 | |
| 9 | Strobe Mode Shutter | 0 | 0–0 Open<br>1–40 Dark Strobe<br>41–80 Bright Strobe<br>81–120 Pulse<br>121–160 Random<br>161–200 Flicker<br>201–240 Open<br>241–254 Closed<br>255–255 Open |
| 10 | Dimmer Curve | 0 | 0–9 Incandescent<br>10–19 Linear<br>20–29 Incandescent Red Shift<br>30–39 Linear Red Shift<br>40–255 Quick |
| 11 | Fans | 0 | 0–9 Fan Auto<br>10–19 Fan Off<br>20–20 Fan Min<br>21–248 Fan Intensity<br>249–249 Fan Max<br>250–255 Fan Auto |