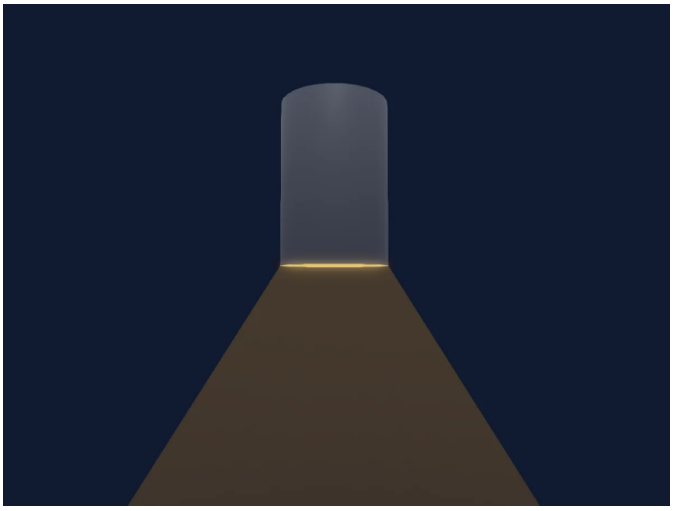
OGSON fixtures

# APUTURE LS600C



| | |
|---|---|
| Manufacturer | **OGSON fixtures** |
| Type | **PAR** |
| DMX modes | **11** |
| DMX footprint | **4, 5, 8, 9, 15 channels** |
| Beam angle | **67°** |
| Size (W × H × D) | **200 × 300 × 200 mm** |
| GDTF fixture type | **EB1233B8-750E-431B-AAC4-9D…** |

## Controls

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

## DMX modes

| | |
|---|---|
| Mode 2 CCT 8-bit | 4 ch |
| Mode 7 XY 8-bit | 4 ch |
| Mode 10 WW+RGB 8bit | 5 ch |
| Mode 4 RGB 8bit | 5 ch |
| Mode 5 HSI 8bit | 5 ch |
| Mode 8 Source 8-bit | 5 ch |
| Mode 1 CCT+RGB 8bit | 8 ch |
| Mode 3 CCT+HSI 8bit | 8 ch |
| Mode 11 Ultimate 8-bit | 9 ch |
| Mode 6 GEL 8bit | 9 ch |
| Mode 12 CCT+RGBW 16bit 1 | 15 ch |

## Mode 2 CCT 8-bit

4 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | C TC | 0 | |
| 3 | Tint | 128 | 0–10 No effect<br>11–20 -100 Green<br>21–119 -99 to -1 Green<br>120–145 Neutral/No Effect<br>146–244 +1 to +99 Green<br>245–255 +100 Green |
| 4 | Shutter / Strobe | 0 | 0–20 Open<br>21–254 Shutter1Strobe 3 · min 1–24.9 Hz<br>255–255 Shutter1Strobe 3 · max 25 Hz |

## Mode 7 XY 8-bit

4 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | C IEX | 0 | |
| 3 | C IEY | 0 | |
| 4 | Shutter / Strobe | 0 | 0–20 Open<br>21–254 Shutter1Strobe 3 · min 1–24.9 Hz<br>255–255 Shutter1Strobe 3 · max 25 Hz |

## Mode 10 WW+RGB 8bit

5 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Color Add WW | 0 | |
| 2 | Color Add CW | 0 | |
| 3 | Red | 255 | |
| 4 | Green | 255 | |
| 5 | Blue | 255 | |

## Mode 4 RGB 8bit

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 | Shutter / Strobe | 0 | 0–20 Open<br>21–254 Shutter1Strobe 3 · min 1–24.9 Hz<br>255–255 Shutter1Strobe 3 · max 25 Hz |

## Mode 5 HSI 8bit

5 channels

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

### Mode 5 HSI 8bit (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 2 | H SBHue | 0 | |
| 3 | H SBSaturation | 0 | |
| 4 | H SIBase | 0 | |
| 5 | Shutter / Strobe | 0 | 0–20 Open<br>21–254 Shutter1Strobe 3 · min 1–24.9 Hz<br>255–255 Shutter1Strobe 3 · max 25 Hz |

## Mode 8 Source 8-bit

5 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | Color Macro1 | 0 | |
| 3 | C IEX | 0 | |
| 4 | C IEY | 0 | |
| 5 | Shutter / Strobe | 0 | 0–20 Open<br>21–254 Shutter1Strobe 3 · min 1–24.9 Hz<br>255–255 Shutter1Strobe 3 · max 25 Hz |

## Mode 1 CCT+RGB 8bit

8 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | C TC | 0 | |
| 3 | Tint | 128 | 0–10 No effect<br>11–20 -100 Green<br>21–119 -99 to -1 Green<br>120–145 Neutral/No Effect<br>146–244 +1 to +99 Green<br>245–255 +100 Green |
| 4 | Crossfade | 0 | 0–254 White<br>255–255 Color |
| 5 | Red | 255 | |
| 6 | Green | 255 | |
| 7 | Blue | 255 | |
| 8 | Shutter / Strobe | 0 | 0–20 Open<br>21–254 Shutter1Strobe 3 · min 1–24.9 Hz<br>255–255 Shutter1Strobe 3 · max 25 Hz |

## Mode 3 CCT+HSI 8bit

8 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | C TC | 0 | |
| 3 | Tint | 128 | 0–10 No effect<br>11–20 -100 Green<br>21–119 -99 to -1 Green<br>120–145 Neutral/No Effect<br>146–244 +1 to +99 Green<br>245–255 +100 Green |

### Mode 3 CCT+HSI 8bit (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 4 | Crossfade | 0 | 0–254 White<br>255–255 Color |
| 5 | H SBHue | 0 | |
| 6 | H SBSaturation | 0 | |
| 7 | H SIBase | 0 | |
| 8 | Shutter / Strobe | 0 | 0–20 Open<br>21–254 Shutter1Strobe 3 · min 1–24.9 Hz<br>255–255 Shutter1Strobe 3 · max 25 Hz |

## Mode 11 Ultimate 8-bit

9 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | Color Control | 0 | 0–9 CCT + RGB<br>10–19 CCT<br>20–29 CCT + HSI<br>30–39 RGB<br>40–49 HSI<br>50–59 Gel<br>60–69 XY<br>70–79 Source<br>80–89 FX<br>90–255 Reserved |
| 3 | Parametr1 | 0 | 0–9 Min<br>10–19 Paparazzi<br>20–29 Lighting<br>30–39 TV<br>40–49 Candle<br>50–59 Fire<br>60–69 Strobe<br>70–79 Explosion<br>80–89 Faulty bulb<br>90–99 Pulsing<br>100–109 Welding<br>110–119 Cop car<br>120–126 Color chase<br>127–129 5600<br>130–139 Party lights<br>140–149 Fireworks<br>150–254 Reserved<br>255–255 Max |
| 4 | Parametr2 | 0 | 0–10 Neutral<br>11–20 Full - Green<br>21–29 - green<br>30–59 Lee<br>60–119 Reserved<br>120–145 Neutral<br>146–244 + green<br>245–254 Full + green<br>255–255 Max |
| 5 | Parametr3 | 0 | 0–9 Min<br>10–19 Cal col / col filters<br>20–29 Storaro / 600 series<br>30–39 Cinelux / Cosmetic<br>40–49 Reserved / 700 series<br>50–254 Reserver<br>255–255 Max |

### Mode 11 Ultimate 8-bit (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 6 | Parametr4 | 255 | 0–19 Min<br>20–254 Shutter1Strobe 5<br>255–255 Max |
| 7 | Parametr5 | 255 | |
| 8 | Parametr6 | 255 | |
| 9 | Parametr7 | 0 | 0–19 Open<br>20–255 Shutter1Strobe 2 |

## Mode 6 GEL 8bit

9 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | Reserved 2 | 0 | |
| 3 | Reserved 3 | 0 | |
| 4 | Reserved 4 | 0 | |
| 5 | Shutter / Strobe | 0 | 0–20 Open<br>21–254 Shutter1Strobe 3 · min 1–24.9 Hz<br>255–255 Shutter1Strobe 3 · max 25 Hz |
| 6 | Gel | 0 | 0–29 Rosco<br>30–59 Lee<br>60–255 Reserved |
| 7 | Series | 0 | 0–9 Col corr<br>10–19 Cal Color<br>20–29 Storaro<br>30–39 Cinelux<br>40–255 Reserved |
| 8 | Category | 0 | |
| 9 | C TC | 0 | |

## Mode 12 CCT+RGBW 16bit 1

15 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 | 0 | |
| 4 | C TC Fine | 0 | Fine byte of C TC |
| 5 | Tint | 128 | 0–18 No effect<br>19–38 -100 Green<br>39–116 -99 to -1 Green<br>117–155 Neutral/No Effect<br>156–233 +1 to +99 Green<br>234–255 +100 Green |
| 6 | Tint Fine | 0 | Fine byte of Tint |
| 7 | Crossfade | 0 | 0–254 White<br>255–255 Color |
| 8 | Crossfade Fine | 0 | Fine byte of Crossfade |
| 9 | Red | 255 | |
| 10 | Red Fine | 255 | Fine byte of Red |
| 11 | Green | 255 | |

## Mode 12 CCT+RGBW 16bit 1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **12** | Green Fine | 255 | Fine byte of Green |
| **13** | Blue | 255 | |
| **14** | Blue Fine | 255 | Fine byte of Blue |
| **15** | Shutter / Strobe | 0 | 0–3 Open<br>4–4 random fast<br>5–5 random mid<br>6–6 random slow<br>7–254 Shutter1Strobe 3 · min 0.4–24.9 Hz<br>255–255 Shutter1Strobe 3 · max 25 Hz |