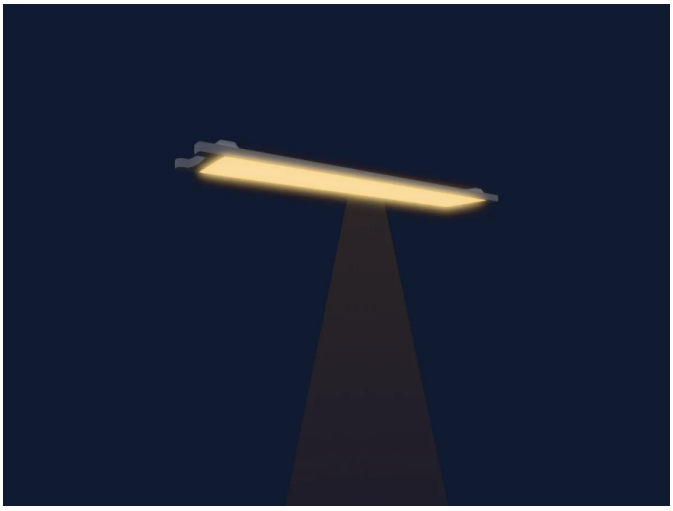
OGSON fixtures

# Rosco LUMIERE DMG SL1MIX



| | |
|---|---|
| Manufacturer | **OGSON fixtures** |
| Type | **Effect light** |
| DMX modes | **8** |
| DMX footprint | **3, 4, 12, 16, 20, 22, 23, 41 channels** |
| Beam angle | **25°** |
| Size (W × H × D) | **204 × 46 × 1124 mm** |
| GDTF fixture type | **65D2333C-4B5F-43AA-8491-68…** |

## Controls

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

## DMX modes

| | |
|---|---|
| Mode 1 : White 8B CCT + GM | 3 ch |
| Mode 2 : COLOR 8B CCT + HSI | 4 ch |
| Mode 6 Full 8B RGBWAL | 12 ch |
| Mode 4 : Pro 8B: CCT HSI XY | 16 ch |
| Mode 5 : Pro 16B: CCT HSI XY 1 | 20 ch |
| Mode 7 Full 16B RGBWAL 1 | 22 ch |
| Mode 15 : Global 8B: ALL IN ONE | 23 ch |
| Mode 16 : Global 16B: ALL IN ONE | 41 ch |

## Mode 1 : White 8B CCT + GM

3 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | C TC | 128 | |
| 3 | Tint | 128 | 0–3 No function<br>4–127 Full Minus<br>128–254 Neutral<br>255–255 Full Plus |

## Mode 2 : COLOR 8B CCT + HSI

4 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | C TC | 128 | |
| 3 | H SBHue | 0 | |
| 4 | H SBSaturation | 0 | |

## Mode 6 Full 8B RGBWAL

12 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | C TC | 128 | |
| 3 | Tint | 128 | 0–3 No function<br>4–127 Full Minus<br>128–254 Neutral<br>255–255 Full Plus |
| 4 | Crossfade | 0 | 0–254 White<br>255–255 Color |
| 5 | Red | 255 | |
| 6 | Green | 255 | |
| 7 | Blue | 255 | |
| 8 | White | 255 | |
| 9 | Color Add RY | 0 | |
| 10 | Color Add GY | 0 | |
| 11 | Shutter / Strobe | 0 | 0–4 Open<br>5–254 Shutter1Strobe 2 · Min 0.5–24.9 Hz<br>255–255 Shutter1Strobe 2 · Max 25 Hz |

### Mode 6 Full 8B RGBWAL (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **12** | Control1 | 0 | 0–10 Reserved<br>11–20 Linear Curve<br>21–30 Square Law<br>31–40 S Curve<br>41–50 Tungsten Emulate<br>51–60 Reserved<br>61–80 CRMX Unlink<br>81–90 Reserved<br>91–100 Bluetooth ON<br>101–110 Bluetooth OFF<br>111–120 Reserved<br>121–130 RDM ON<br>131–140 RDM OFF<br>141–150 DMX SMOOTHING OFF<br>151–160 DMX SMOOTHING ON<br>161–255 SAVE COLORS TO MIX LIBRARY |

## Mode 4 : Pro 8B: CCT HSI XY

16 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| **2** | Mem100 | 0 | 0–24 0<br>25–49 100<br>50–74 200<br>75–99 300<br>100–124 400<br>125–149 500<br>150–174 600<br>175–199 700<br>200–224 800<br>225–255 900 |
| **3** | Mem10 | 0 | 0–24 0<br>25–49 10<br>50–74 20<br>75–99 30<br>100–124 40<br>125–149 50<br>150–174 60<br>175–199 70<br>200–224 80<br>225–255 90 |
| **4** | Mem1 | 0 | 0–24 0<br>25–49 1<br>50–74 2<br>75–99 3<br>100–124 4<br>125–149 5<br>150–174 6<br>175–199 7<br>200–224 8<br>225–255 9 |
| **5** | C TC | 128 | |
| **6** | Tint | 128 | 0–3 No function<br>4–127 Full Minus<br>128–254 Neutral<br>255–255 Full Plus |
| **7** | H SBHue | 0 | |
| **8** | H SBSaturation | 0 | |

### Mode 4 : Pro 8B: CCT HSI XY (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **9** | Gel CCT | 0 | 0–127 3200<br>128–255 5600 |
| **10** | Gel Hue | 0 | 0–3 neutral<br>4–4 -10 deg<br>5–127 -9 deg to -1 deg<br>128–128 neutral<br>129–254 +1 deg to +9 deg<br>255–255 +10 deg |
| **11** | Gel Sat | 0 | 0–3 neutral<br>4–4 -20%<br>5–127 -19% to -1%<br>128–128 neutral<br>129–254 +1% to + 19%<br>255–255 +20% |
| **12** | Effect Speed | 128 | 0–0 -100<br>1–127 -99 to -1<br>128–128 0<br>129–254 1 to 99<br>255–255 100 |
| **13** | C IEX | 0 | |
| **14** | C IEY | 0 | |
| **15** | Shutter / Strobe | 0 | 0–4 Open<br>5–254 Shutter1Strobe 2 · Min 0.5–24.9 Hz<br>255–255 Shutter1Strobe 2 · Max 25 Hz |
| **16** | Control1 | 0 | 0–10 Reserved<br>11–20 Linear Curve<br>21–30 Square Law<br>31–40 S Curve<br>41–50 Tungsten Emulate<br>51–60 Reserved<br>61–80 CRMX Unlink<br>81–90 Reserved<br>91–100 Bluetooth ON<br>101–110 Bluetooth OFF<br>111–120 Reserved<br>121–130 RDM ON<br>131–140 RDM OFF<br>141–150 DMX SMOOTHING OFF<br>151–160 DMX SMOOTHING ON<br>161–255 SAVE COLORS TO MIX LIBRARY |

## Mode 5 : Pro 16B: CCT HSI XY 1

20 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** | Mem100 | 0 | 0–24 0<br>25–49 100<br>50–74 200<br>75–99 300<br>100–124 400<br>125–149 500<br>150–174 600<br>175–199 700<br>200–224 800<br>225–255 900 |

## Mode 5 : Pro 16B: CCT HSI XY 1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **4** | Mem10 | 0 | 0–24 0<br>25–49 10<br>50–74 20<br>75–99 30<br>100–124 40<br>125–149 50<br>150–174 60<br>175–199 70<br>200–224 80<br>225–255 90 |
| **5** | Mem1 | 0 | 0–24 0<br>25–49 1<br>50–74 2<br>75–99 3<br>100–124 4<br>125–149 5<br>150–174 6<br>175–199 7<br>200–224 8<br>225–255 9 |
| **6** | C TC | 128 | |
| **7** | Tint | 128 | 0–3 No function<br>4–127 Full Minus<br>128–254 Neutral<br>255–255 Full Plus |
| **8** | H SBHue | 0 | |
| **9** | H SBHue Fine | 0 | Fine byte of H SBHue |
| **10** | H SBSaturation | 0 | |
| **11** | Gel CCT | 0 | 0–127 3200<br>128–255 5600 |
| **12** | Gel Hue | 0 | 0–3 neutral<br>4–4 -10 deg<br>5–127 -9 deg to -1 deg<br>128–128 neutral<br>129–254 +1 deg to +9 deg<br>255–255 +10 deg |
| **13** | Gel Sat | 0 | 0–3 neutral<br>4–4 -20%<br>5–127 -19% to -1%<br>128–128 neutral<br>129–254 +1% to + 19%<br>255–255 +20% |
| **14** | Effect Speed | 128 | 0–0 -100<br>1–127 -99 to -1<br>128–128 0<br>129–254 1 to 99<br>255–255 100 |
| **15** | C IEX | 0 | |
| **16** | C IEX Fine | 0 | Fine byte of C IEX |
| **17** | C IEY | 0 | |
| **18** | C IEY Fine | 0 | Fine byte of C IEY |
| **19** | Shutter / Strobe | 0 | 0–4 Open<br>5–254 Shutter1Strobe 2 · Min 0.5–24.9 Hz<br>255–255 Shutter1Strobe 2 · Max 25 Hz |

### Mode 5 : Pro 16B: CCT HSI XY 1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **20** | Control1 | 0 | 0–10 Reserved<br>11–20 Linear Curve<br>21–30 Square Law<br>31–40 S Curve<br>41–50 Tungsten Emulate<br>51–60 Reserved<br>61–80 CRMX Unlink<br>81–90 Reserved<br>91–100 Bluetooth ON<br>101–110 Bluetooth OFF<br>111–120 Reserved<br>121–130 RDM ON<br>131–140 RDM OFF<br>141–150 DMX SMOOTHING OFF<br>151–160 DMX SMOOTHING ON<br>161–255 SAVE COLORS TO MIX LIBRARY |

## Mode 7 Full 16B RGBWAL 1

22 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 | 128 | |
| **4** | C TC Fine | 128 | Fine byte of C TC |
| **5** | Tint | 128 | 0–3 No function<br>4–127 Full Minus<br>128–254 Neutral<br>255–255 Full Plus |
| **6** | Tint Fine | 128 | 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 | |
| **12** | Green Fine | 255 | Fine byte of Green |
| **13** | Blue | 255 | |
| **14** | Blue Fine | 255 | Fine byte of Blue |
| **15** | White | 255 | |
| **16** | White Fine | 255 | Fine byte of White |
| **17** | Color Add GY | 0 | |
| **18** | Color Add GY Fine | 0 | Fine byte of Color Add GY |
| **19** | Color Add RY | 255 | |
| **20** | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| **21** | Shutter / Strobe | 0 | 0–4 Open<br>5–255 Shutter1Strobe 2 |

### Mode 7 Full 16B RGBWAL 1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 22 | Control1 | 0 | 0–10 Reserved<br>11–20 Linear Curve<br>21–30 Square Law<br>31–40 S Curve<br>41–50 Tungsten Emulate<br>51–60 Reserved<br>61–80 CRMX Unlink<br>81–90 Reserved<br>91–100 Bluetooth ON<br>101–110 Bluetooth OFF<br>111–120 Reserved<br>121–130 RDM ON<br>131–140 RDM OFF<br>141–150 DMX SMOOTHING OFF<br>151–160 DMX SMOOTHING ON<br>161–255 SAVE COLORS TO MIX LIBRARY |

## Mode 15 : Global 8B: ALL IN ONE

23 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | Color Mix Mode | 0 | 0–9 White<br>10–19 HSI<br>20–29 RGBWAL<br>30–39 GEL<br>40–49 Source Match<br>50–59 XY<br>60–69 Effects<br>70–255 Reserved |
| 3 | Color Parameter | 255 | |
| 4 | Color Parameter2 | 255 | |
| 5 | Color Parameter3 | 255 | |
| 6 | Color Parameter4 | 255 | |
| 7 | Color Parameter5 | 255 | |
| 8 | Color Parameter6 | 255 | |
| 9 | Color Parameter7 | 255 | |
| 10 | Color Parameter8 | 255 | |
| 11 | C CTColor Crossfade | 0 | |
| 12 | Color Mix Mode2 | 0 | 0–9 White<br>10–19 HSI<br>20–29 RGBWAL<br>30–39 GEL<br>40–49 Source Match<br>50–59 XY<br>60–69 Effects<br>70–255 Reserved |
| 13 | Color Parameter1A | 255 | |
| 14 | Color Parameter2A | 255 | |
| 15 | Color Parameter3A | 255 | |
| 16 | Color Parameter4A | 255 | |
| 17 | Color Parameter5A | 255 | |
| 18 | Color Parameter6A | 255 | |
| 19 | Color Parameter7A | 255 | |

### Mode 15 : Global 8B: ALL IN ONE (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **20** | Color Parameter8A | 255 | |
| **21** | Color Memory | 0 | 0–0 Reserved<br>1–30 1 to 30<br>31–255 Reserved |
| **22** | Shutter / Strobe | 0 | 0–4 Open<br>5–254 Shutter1Strobe 2 · Min 0.5–24.9 Hz<br>255–255 Shutter1Strobe 2 · Max 25 Hz |
| **23** | Control1 | 0 | 0–10 Reserved<br>11–20 Linear Curve<br>21–30 Square Law<br>31–40 S Curve<br>41–50 Tungsten Emulate<br>51–60 Reserved<br>61–80 CRMX Unlink<br>81–90 Reserved<br>91–100 Bluetooth ON<br>101–110 Bluetooth OFF<br>111–120 Reserved<br>121–130 RDM ON<br>131–140 RDM OFF<br>141–150 DMX SMOOTHING OFF<br>151–160 DMX SMOOTHING ON<br>161–255 SAVE COLORS TO MIX LIBRARY |

## Mode 16 : Global 16B: ALL IN ONE

41 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** | Color Mix Mode | 0 | 0–9 White<br>10–19 HSI<br>20–29 RGBWAL<br>30–39 GEL<br>40–49 Source Match<br>50–59 XY<br>60–69 Effects<br>70–255 Reserved |
| **4** | Color Parameter | 255 | |
| **5** | Color Parameter Fine | 255 | Fine byte of Color Parameter |
| **6** | Color Parameter2 | 255 | |
| **7** | Color Parameter2 Fine | 255 | Fine byte of Color Parameter2 |
| **8** | Color Parameter3 | 255 | |
| **9** | Color Parameter3 Fine | 255 | Fine byte of Color Parameter3 |
| **10** | Color Parameter4 | 255 | |
| **11** | Color Parameter4 Fine | 255 | Fine byte of Color Parameter4 |
| **12** | Color Parameter5 | 255 | |
| **13** | Color Parameter5 Fine | 255 | Fine byte of Color Parameter5 |
| **14** | Color Parameter6 | 255 | |
| **15** | Color Parameter6 Fine | 255 | Fine byte of Color Parameter6 |
| **16** | Color Parameter7 | 255 | |
| **17** | Color Parameter7 Fine | 255 | Fine byte of Color Parameter7 |
| **18** | Color Parameter8 | 255 | |

## Mode 16 : Global 16B: ALL IN ONE (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 19 | Color Parameter8 Fine | 255 | Fine byte of Color Parameter8 |
| 20 | C CTColor Crossfade | 0 | |
| 21 | C CTColor Crossfade Fine | 0 | Fine byte of C CTColor Crossfade |
| 22 | Color Mix Mode2 | 0 | 0–9 White<br>10–19 HSI<br>20–29 RGBWAL<br>30–39 GEL<br>40–49 Source Match<br>50–59 XY<br>60–69 Effects<br>70–255 Reserved |
| 23 | Color Parameter1A | 255 | |
| 24 | Color Parameter1A Fine | 255 | Fine byte of Color Parameter1A |
| 25 | Color Parameter2A | 255 | |
| 26 | Color Parameter2A Fine | 255 | Fine byte of Color Parameter2A |
| 27 | Color Parameter3A | 255 | |
| 28 | Color Parameter3A Fine | 255 | Fine byte of Color Parameter3A |
| 29 | Color Parameter4A | 255 | |
| 30 | Color Parameter4A Fine | 255 | Fine byte of Color Parameter4A |
| 31 | Color Parameter5A | 255 | |
| 32 | Color Parameter5A Fine | 255 | Fine byte of Color Parameter5A |
| 33 | Color Parameter6A | 255 | |
| 34 | Color Parameter6A Fine | 255 | Fine byte of Color Parameter6A |
| 35 | Color Parameter7A | 255 | |
| 36 | Color Parameter7A Fine | 255 | Fine byte of Color Parameter7A |
| 37 | Color Parameter8A | 255 | |
| 38 | Color Parameter8A Fine | 255 | Fine byte of Color Parameter8A |
| 39 | Color Memory | 0 | 0–0 Reserved<br>1–30 1 to 30<br>31–255 Reserved |
| 40 | Shutter / Strobe | 0 | 0–4 Open<br>5–254 Shutter1Strobe 2 · Min 0.5–24.9 Hz<br>255–255 Shutter1Strobe 2 · Max 25 Hz |
| 41 | Control1 | 0 | 0–10 Reserved<br>11–20 Linear Curve<br>21–30 Square Law<br>31–40 S Curve<br>41–50 Tungsten Emulate<br>51–60 Reserved<br>61–80 CRMX Unlink<br>81–90 Reserved<br>91–100 Bluetooth ON<br>101–110 Bluetooth OFF<br>111–120 Reserved<br>121–130 RDM ON<br>131–140 RDM OFF<br>141–150 DMX SMOOTHING OFF<br>151–160 DMX SMOOTHING ON<br>161–255 SAVE COLORS TO MIX LIBRARY |