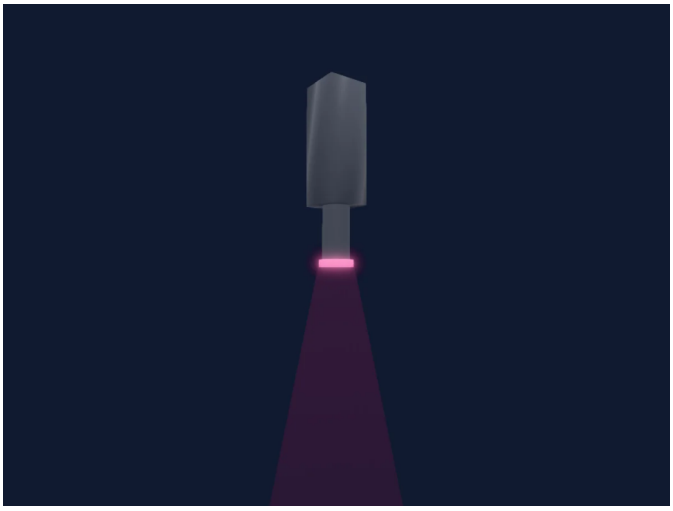
Silver Star

# Moonlite 80 Hex



| | |
|---|---|
| Manufacturer | **Silver Star** |
| Type | **Effect light** |
| DMX modes | **5** |
| DMX footprint | **8, 13, 20 channels** |
| Beam angle | **25°** |
| Size (W × H × D) | **120 × 332 × 115 mm** |
| GDTF fixture type | **804B000B-EA96-4E09-9BF3-F6…** |

## Controls

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

## Safety-relevant functions

Fixture reset · Built-in effect programmes

## DMX modes

| | |
|---|---|
| CMY | 8 ch |
| HSIC | 8 ch |
| SSP | 8 ch |
| Tour | 13 ch |
| TR16 | 20 ch |

## CMY

8 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | H SBHue | 0 | |
| 3 | H SBHue Fine | 0 | Fine byte of H SBHue |
| 4 | H SBSaturation | 0 | |
| 5 | Reserved 5 | 0 | |
| 6 | C TO | 0 | 0–9 No Function<br>10–24 1800K<br>25–39 2200K<br>40–54 2700K<br>55–69 3000K<br>70–84 3200K<br>85–99 4000K<br>100–114 4500K<br>115–129 5000K<br>130–144 5600K<br>145–159 6000K<br>160–174 6500K<br>175–189 7000K<br>190–204 8000K<br>205–254 10000K<br>255–255 1000K |
| 7 | Shutter / Strobe | 0 | 0–9 Open<br>10–99 Strobe<br>100–109 Open<br>110–179 Shutter1StrobePulse 4 · Lightning 1–15 Hz<br>180–189 Open<br>190–255 Random |
| 8 | Control1 | 0 | 0–10 No Function<br>11–100 Reserved<br>101–110 Dimmer Off<br>111–120 Dimmer Dim4<br>121–150 Reserved<br>151–160 1200Hz<br>161–170 2400Hz<br>171–180 4000Hz<br>181–190 6000Hz<br>191–200 25000Hz<br>201–210 All Reset<br>211–255 Reserved |

## HSIC

8 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | H SBHue | 0 | |
| 3 | H SBHue Fine | 0 | Fine byte of H SBHue |
| 4 | H SBSaturation | 0 | |
| 5 | Reserved 5 | 0 | |

### HSIC (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **6** | C TO | 0 | 0–9 No Function<br>10–24 1800K<br>25–39 2200K<br>40–54 2700K<br>55–69 3000K<br>70–84 3200K<br>85–99 4000K<br>100–114 4500K<br>115–129 5000K<br>130–144 5600K<br>145–159 6000K<br>160–174 6500K<br>175–189 7000K<br>190–204 8000K<br>205–255 10000K |
| **7** | Shutter / Strobe | 0 | 0–9 Open<br>10–99 Strobe<br>100–109 Open<br>110–179 Shutter1StrobePulse 4 · Lightning 1–15 Hz<br>180–189 Open<br>190–255 Random |
| **8** | Control1 | 0 | 0–10 No Function<br>11–100 Reserved<br>101–110 Dimmer Off<br>111–120 Dimmer Dim4<br>121–150 Reserved<br>151–160 1200Hz<br>161–170 2400Hz<br>171–180 4000Hz<br>181–190 6000Hz<br>191–200 25000Hz<br>201–210 All Reset<br>211–255 Reserved |

## SSP

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 RY | 0 | |
| **6** | Color Add GY | 0 | |
| **7** | Color Add C | 0 | |
| **8** | Shutter / Strobe | 0 | 0–9 Open<br>10–99 Strobe<br>100–109 Open<br>110–179 Shutter1StrobePulse 4 · Lightning 1–15 Hz<br>180–189 Open<br>190–255 Random |

## Tour

13 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 RY | 0 | |
| 6 | Color Add GY | 0 | |
| 7 | Color Add C | 0 | |
| 8 | Color Macro1 | 0 | |
| 9 | C TO | 0 | 0–9 No Function<br>10–24 1800K<br>25–39 2200K<br>40–54 2700K<br>55–69 3000K<br>70–84 3200K<br>85–99 4000K<br>100–114 4500K<br>115–129 5000K<br>130–144 5600K<br>145–159 6000K<br>160–174 6500K<br>175–189 7000K<br>190–204 8000K<br>205–255 10000K |
| 10 | Effect | 0 | 0–40 No Function<br>41–50 Auto 1<br>51–60 Auto 2<br>61–70 Auto 3<br>71–80 Auto 4<br>81–90 Auto 5<br>91–100 Auto 6<br>101–110 Auto 7<br>111–120 Auto 8<br>121–130 Auto 9<br>131–140 Auto 10<br>141–150 Program 1<br>151–160 Program 2<br>161–255 No Function |
| 11 | Effect Speed | 0 | |
| 12 | Shutter / Strobe | 0 | 0–9 Open<br>10–99 Strobe<br>100–109 Open<br>110–179 Shutter1StrobePulse 4 · Lightning 1–15 Hz<br>180–189 Open<br>190–255 Random |
| 13 | Control1 | 0 | 0–10 No Function<br>11–100 Reserved<br>101–110 Dimmer Off<br>111–120 Dimmer Dim4<br>121–150 Reserved<br>151–160 1200Hz<br>161–170 2400Hz<br>171–180 4000Hz<br>181–190 6000Hz<br>191–200 25000Hz<br>201–210 All Reset<br>211–255 Reserved |

## TR16

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 | 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 RY | 0 | |
| 10 | Color Add RY Fine | 0 | Fine byte of Color Add RY |
| 11 | Color Add GY | 0 | |
| 12 | Color Add GY Fine | 0 | Fine byte of Color Add GY |
| 13 | Color Add C | 0 | |
| 14 | Color Add C Fine | 0 | Fine byte of Color Add C |
| 15 | Color Macro1 | 0 | |
| 16 | C TO | 0 | 0–9 No Function<br>10–24 1800K<br>25–39 2200K<br>40–54 2700K<br>55–69 3000K<br>70–84 3200K<br>85–99 4000K<br>100–114 4500K<br>115–129 5000K<br>130–144 5600K<br>145–159 6000K<br>160–174 6500K<br>175–189 7000K<br>190–204 8000K<br>205–255 10000K |
| 17 | Effect | 0 | 0–40 No Function<br>41–50 Auto 1<br>51–60 Auto 2<br>61–70 Auto 3<br>71–80 Auto 4<br>81–90 Auto 5<br>91–100 Auto 6<br>101–110 Auto 7<br>111–120 Auto 8<br>121–130 Auto 9<br>131–140 Auto 10<br>141–150 Program 1<br>151–160 Program 2<br>161–255 No Function |
| 18 | Effect Speed | 0 | |
| 19 | Shutter / Strobe | 0 | 0–9 Open<br>10–99 Strobe<br>100–109 Open<br>110–179 Shutter1StrobePulse 4 · Lightning 1–15 Hz<br>180–189 Open<br>190–255 Random |

## TR16 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **20** | Control1 | 0 | 0–10 No Function<br>11–100 Reserved<br>101–110 Dimmer Off<br>111–120 Dimmer Dim4<br>121–150 Reserved<br>151–160 1200Hz<br>161–170 2400Hz<br>171–180 4000Hz<br>181–190 6000Hz<br>191–200 25000Hz<br>201–210 All Reset<br>211–255 Reserved |