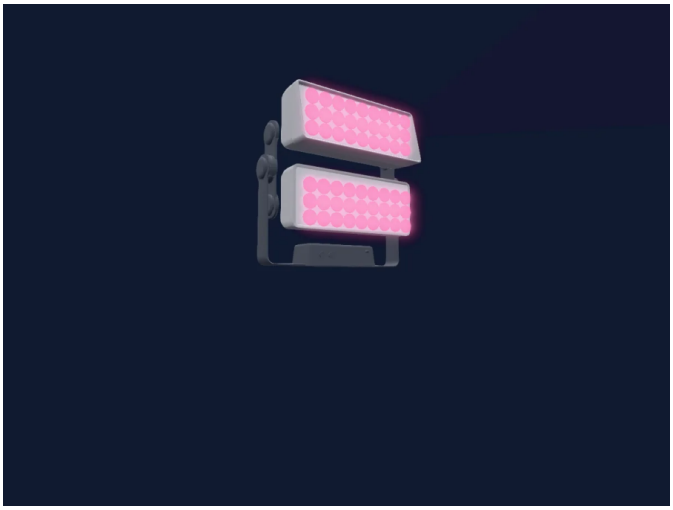
CINDY

# CL-6024 PANEL



| | |
|---|---|
| Manufacturer | **CINDY** |
| Type | **Effect light** |
| DMX modes | **5** |
| DMX footprint | **4, 6, 13, 30, 66 channels** |
| Beam angle | **25°** |
| Heads / cells | **6** |
| Size (W × H × D) | **551 × 445 × 115 mm** |
| GDTF fixture type | **52560E6D-308B-4AF4-B70C-A2…** |

## Controls

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

## Safety-relevant functions

Built-in effect programmes

## DMX modes

| | |
|---|---|
| 4CH | 4 ch |
| 6CH | 6 ch |
| 13CH | 13 ch |
| 30CH | 30 ch |
| 66CH | 66 ch |

## 4CH

4 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 2 | Green | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 3 | Blue | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 4 | White | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |

## 6CH

6 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 2 | Green | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 3 | Blue | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 4 | White | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 5 | C TC | 0 | 0–9 Open<br>10–10 1800K<br>11–24 1800K - 2200K<br>25–25 2200K<br>26–39 2200K -2700K<br>40–40 2700K<br>41–54 2700K -3000K<br>55–55 3000K<br>56–69 3000K -3200k<br>70–70 3200K<br>71–84 3200K - 4000K<br>85–85 4000K<br>86–99 4000K-4500K<br>100–100 4500K<br>101–114 4500K-5000K<br>115–115 5000K<br>116–129 5000K-5600K<br>130–130 5600K<br>131–144 5600K-6000K<br>145–145 6000K<br>146–159 6000K-6500K<br>160–160 6500K<br>161–174 6500K-7000K<br>175–175 7000K<br>176–189 7000K-8000K<br>190–190 8000K<br>191–204 8000K-10000K<br>205–255 10000K |

### 6CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 6 | Control1 | 0 | 0–19 No Func<br>20–24 RGB<br>25–79 CMY<br>80–81 Static Mode - Record and ON<br>82–83 Static Mode - ON<br>84–85 Static Mode - OFF<br>86–144 Auto Run OFF<br>145–149 Dimmer Curve - Linear<br>150–154 Dimmer Curve - Square<br>155–159 Dimmer Curve - I-Square<br>160–184 Dimmer Curve - Scurve<br>185–186 PWM 600Hz<br>187–188 PWM 1200Hz<br>189–190 PWM 2000Hz<br>191–192 PWM 4000Hz<br>193–194 PWM 6000Hz<br>195–255 PWM 15000Hz |

## 13CH

13 channels

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

## 13CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **2** | Shutter / Strobe | 22 | 0–19 Shutter Closed<br>20–24 Shutter Open<br>25–25 STROBE · Fast 20 Hz<br>26–63 STROBE · Fast > Slow 19.5–0.61 Hz<br>64–64 STROBE · Slow 0.1 Hz<br>65–69 Shutter Open<br>70–70 STROBE 100-0% · Fast 20 Hz<br>71–83 STROBE 100-0% · Fast > Slow 18.6–1.52 Hz<br>84–84 STROBE 100-0% · Slow 0.1 Hz<br>85–89 Shutter Open<br>90–90 STROBE 0-100% · Fast 20 Hz<br>91–103 STROBE 0-100% · Fast > Slow 18.6–1.52 Hz<br>104–104 STROBE 0-100% · Slow 0.1 Hz<br>105–109 Shutter Open<br>110–110 RANDOM STROBE · Fast 20 Hz<br>111–123 RANDOM STROBE · Fast > Slow 18.6–1.52 Hz<br>124–124 RANDOM STROBE · Slow 0.1 Hz<br>125–129 Shutter Open<br>130–130 RANDOM STROBE 100-0% · Fast 20 Hz<br>131–143 RANDOM STROBE 100-0% · Fast > Slow 18.6–1.52 Hz<br>144–144 RANDOM STROBE 100-0% · Slow 0.1 Hz<br>145–149 Shutter Open<br>150–150 RANDOM STROBE 0-100% · Fast 20 Hz<br>151–163 RANDOM STROBE 0-100% · Fast > Slow 18.6–1.52 Hz<br>164–164 RANDOM STROBE 0-100% · Slow 0.1 Hz<br>165–169 Shutter Open<br>170–170 PULSE STROBE · Fast 20 Hz<br>171–183 PULSE STROBE · Fast > Slow 18.6–1.52 Hz<br>184–184 PULSE STROBE · Slow 0.1 Hz<br>185–189 Shutter Open<br>190–190 RANDOM PULSE STROBE · Fast 20 Hz<br>191–203 RANDOM PULSE STROBE · Fast > Slow 18.6–1.52 Hz<br>204–204 RANDOM PULSE STROBE · Slow 0.1 Hz<br>205–209 Shutter Open<br>210–210 STROBE 0-100-0% · Fast 20 Hz<br>211–223 STROBE 0-100-0% · Fast > Slow 18.6–1.52 Hz<br>224–224 STROBE 0-100-0% · Slow 0.1 Hz<br>225–229 Shutter Open<br>230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz<br>231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 …<br>244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz<br>245–255 Shutter Open |
| **3** | Color Wheel | 0 | 0–10 Open<br>11–11 Blue (wheel slot 2)<br>12–48 G+<br>49–49 Cyan (wheel slot 3)<br>50–86 B-<br>87–87 Green (wheel slot 4)<br>88–124 R+<br>125–125 Yellow (wheel slot 5)<br>126–162 G-<br>163–163 Red (wheel slot 6)<br>164–200 B+<br>201–201 Magenta (wheel slot 7)<br>202–238 R-<br>239–239 Blue (wheel slot 8)<br>240–240 Fast<br>241–246 Fast > Slow<br>247–247 Slow<br>248–248 Fast<br>249–254 Fast > Slow<br>255–255 Slow |

## 13CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **4** | C TC | 0 | 0–9 Open<br>10–10 1800K<br>11–24 1800K - 2200K<br>25–25 2200K<br>26–39 2200K -2700K<br>40–40 2700K<br>41–54 2700K -3000K<br>55–55 3000K<br>56–69 3000K -3200k<br>70–70 3200K<br>71–84 3200K - 4000K<br>85–85 4000K<br>86–99 4000K-4500K<br>100–100 4500K<br>101–114 4500K-5000K<br>115–115 5000K<br>116–129 5000K-5600K<br>130–130 5600K<br>131–144 5600K-6000K<br>145–145 6000K<br>146–159 6000K-6500K<br>160–160 6500K<br>161–174 6500K-7000K<br>175–175 7000K<br>176–189 7000K-8000K<br>190–190 8000K<br>191–204 8000K-10000K<br>205–255 10000K |
| **5** | Effect | 0 | 0–0 Open<br>1–46 Patterns<br>47–255 Build-in |
| **6** | Step Chennel | 0 | |
| **7** | Auto Run Hold Time | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **8** | Auto Run Hold Time1 | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **9** | Control1 | 0 | 0–19 No Func<br>20–24 RGB<br>25–79 CMY<br>80–81 Programming<br>82–83 Check Steps<br>84–85 Auto Run<br>86–87 Auto Run OFF<br>88–89 Delete Current Step<br>90–91 Delete All Steps<br>92–93 Step Jump<br>94–144 5sec Fade<br>145–149 Dimmer Curve - Linear<br>150–154 Dimmer Curve - Square<br>155–159 Dimmer Curve - I-Square<br>160–184 Dimmer Curve - Scurve<br>185–186 PWM 600Hz<br>187–188 PWM 1200Hz<br>189–190 PWM 2000Hz<br>191–192 PWM 4000Hz<br>193–194 PWM 6000Hz<br>195–255 PWM 15000Hz |

### 13CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Red | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **11** | Green | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **12** | Blue | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **13** | White | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |

## 30CH

30 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 255 | |
| **2** | Dimmer Fine | 255 | Fine byte of Dimmer |

## 30CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **3** | Shutter / Strobe | 22 | 0–19 Shutter Closed<br>20–24 Shutter Open<br>25–25 STROBE · Fast 20 Hz<br>26–63 STROBE · Fast > Slow 19.5–0.61 Hz<br>64–64 STROBE · Slow 0.1 Hz<br>65–69 Shutter Open<br>70–70 STROBE 100-0% · Fast 20 Hz<br>71–83 STROBE 100-0% · Fast > Slow 18.6–1.52 Hz<br>84–84 STROBE 100-0% · Slow 0.1 Hz<br>85–89 Shutter Open<br>90–90 STROBE 0-100% · Fast 20 Hz<br>91–103 STROBE 0-100% · Fast > Slow 18.6–1.52 Hz<br>104–104 STROBE 0-100% · Slow 0.1 Hz<br>105–109 Shutter Open<br>110–110 RANDOM STROBE · Fast 20 Hz<br>111–123 RANDOM STROBE · Fast > Slow 18.6–1.52 Hz<br>124–124 RANDOM STROBE · Slow 0.1 Hz<br>125–129 Shutter Open<br>130–130 RANDOM STROBE 100-0% · Fast 20 Hz<br>131–143 RANDOM STROBE 100-0% · Fast > Slow 18.6–1.52 Hz<br>144–144 RANDOM STROBE 100-0% · Slow 0.1 Hz<br>145–149 Shutter Open<br>150–150 RANDOM STROBE 0-100% · Fast 20 Hz<br>151–163 RANDOM STROBE 0-100% · Fast > Slow 18.6–1.52 Hz<br>164–164 RANDOM STROBE 0-100% · Slow 0.1 Hz<br>165–169 Shutter Open<br>170–170 PULSE STROBE · Fast 20 Hz<br>171–183 PULSE STROBE · Fast > Slow 18.6–1.52 Hz<br>184–184 PULSE STROBE · Slow 0.1 Hz<br>185–189 Shutter Open<br>190–190 RANDOM PULSE STROBE · Fast 20 Hz<br>191–203 RANDOM PULSE STROBE · Fast > Slow 18.6–1.52 Hz<br>204–204 RANDOM PULSE STROBE · Slow 0.1 Hz<br>205–209 Shutter Open<br>210–210 STROBE 0-100-0% · Fast 20 Hz<br>211–223 STROBE 0-100-0% · Fast > Slow 18.6–1.52 Hz<br>224–224 STROBE 0-100-0% · Slow 0.1 Hz<br>225–229 Shutter Open<br>230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz<br>231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 …<br>244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz<br>245–255 Shutter Open |
| **4** | Color Wheel | 0 | 0–10 Open<br>11–11 Blue (wheel slot 2)<br>12–48 G+<br>49–49 Cyan (wheel slot 3)<br>50–86 B-<br>87–87 Green (wheel slot 4)<br>88–124 R+<br>125–125 Yellow (wheel slot 5)<br>126–162 G-<br>163–163 Red (wheel slot 6)<br>164–200 B+<br>201–201 Magenta (wheel slot 7)<br>202–238 R-<br>239–239 Blue (wheel slot 8)<br>240–240 Fast<br>241–246 Fast > Slow<br>247–247 Slow<br>248–248 Fast<br>249–254 Fast > Slow<br>255–255 Slow |

## 30CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **5** | C TC | 0 | 0–9 Open<br>10–10 1800K<br>11–24 1800K - 2200K<br>25–25 2200K<br>26–39 2200K -2700K<br>40–40 2700K<br>41–54 2700K -3000K<br>55–55 3000K<br>56–69 3000K -3200k<br>70–70 3200K<br>71–84 3200K - 4000K<br>85–85 4000K<br>86–99 4000K-4500K<br>100–100 4500K<br>101–114 4500K-5000K<br>115–115 5000K<br>116–129 5000K-5600K<br>130–130 5600K<br>131–144 5600K-6000K<br>145–145 6000K<br>146–159 6000K-6500K<br>160–160 6500K<br>161–174 6500K-7000K<br>175–175 7000K<br>176–189 7000K-8000K<br>190–190 8000K<br>191–204 8000K-10000K<br>205–255 10000K |
| **6** | Control1 | 0 | 0–19 No Func<br>20–24 RGB<br>25–79 CMY<br>80–81 Static Mode - Record and ON<br>82–83 Static Mode - ON<br>84–85 Static Mode - OFF<br>86–144 Auto Run OFF<br>145–149 Dimmer Curve - Linear<br>150–154 Dimmer Curve - Square<br>155–159 Dimmer Curve - I-Square<br>160–184 Dimmer Curve - Scurve<br>185–186 PWM 600Hz<br>187–188 PWM 1200Hz<br>189–190 PWM 2000Hz<br>191–192 PWM 4000Hz<br>193–194 PWM 6000Hz<br>195–255 PWM 15000Hz |
| **7** | Red | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **8** | Green | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **9** | Blue | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **10** | White | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **11** | Red | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |

## 30CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 12 | Green | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 13 | Blue | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 14 | White | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 15 | Red | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 16 | Green | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 17 | Blue | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 18 | White | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 19 | Red | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 20 | Green | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 21 | Blue | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 22 | White | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 23 | Red | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 24 | Green | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 25 | Blue | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 26 | White | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 27 | Red | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 28 | Green | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 29 | Blue | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |

### 30CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **30** | White | 255 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |

## 66CH

66 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 255 | |
| **2** | Dimmer Fine | 255 | Fine byte of Dimmer |
| **3** | Shutter / Strobe | 22 | 0–19 Shutter Closed<br>20–24 Shutter Open<br>25–25 STROBE · Fast 20 Hz<br>26–63 STROBE · Fast > Slow 19.5–0.61 Hz<br>64–64 STROBE · Slow 0.1 Hz<br>65–69 Shutter Open<br>70–70 STROBE 100-0% · Fast 20 Hz<br>71–83 STROBE 100-0% · Fast > Slow 18.6–1.52 Hz<br>84–84 STROBE 100-0% · Slow 0.1 Hz<br>85–89 Shutter Open<br>90–90 STROBE 0-100% · Fast 20 Hz<br>91–103 STROBE 0-100% · Fast > Slow 18.6–1.52 Hz<br>104–104 STROBE 0-100% · Slow 0.1 Hz<br>105–109 Shutter Open<br>110–110 RANDOM STROBE · Fast 20 Hz<br>111–123 RANDOM STROBE · Fast > Slow 18.6–1.52 Hz<br>124–124 RANDOM STROBE · Slow 0.1 Hz<br>125–129 Shutter Open<br>130–130 RANDOM STROBE 100-0% · Fast 20 Hz<br>131–143 RANDOM STROBE 100-0% · Fast > Slow 18.6–1.52 Hz<br>144–144 RANDOM STROBE 100-0% · Slow 0.1 Hz<br>145–149 Shutter Open<br>150–150 RANDOM STROBE 0-100% · Fast 20 Hz<br>151–163 RANDOM STROBE 0-100% · Fast > Slow 18.6–1.52 Hz<br>164–164 RANDOM STROBE 0-100% · Slow 0.1 Hz<br>165–169 Shutter Open<br>170–170 PULSE STROBE · Fast 20 Hz<br>171–183 PULSE STROBE · Fast > Slow 18.6–1.52 Hz<br>184–184 PULSE STROBE · Slow 0.1 Hz<br>185–189 Shutter Open<br>190–190 RANDOM PULSE STROBE · Fast 20 Hz<br>191–203 RANDOM PULSE STROBE · Fast > Slow 18.6–1.52 Hz<br>204–204 RANDOM PULSE STROBE · Slow 0.1 Hz<br>205–209 Shutter Open<br>210–210 STROBE 0-100-0% · Fast 20 Hz<br>211–223 STROBE 0-100-0% · Fast > Slow 18.6–1.52 Hz<br>224–224 STROBE 0-100-0% · Slow 0.1 Hz<br>225–229 Shutter Open<br>230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz<br>231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 …<br>244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz<br>245–255 Shutter Open |

## 66CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 4 | Color Wheel | 0 | 0–10 Open<br>11–11 Blue (wheel slot 2)<br>12–48 G+<br>49–49 Cyan (wheel slot 3)<br>50–86 B-<br>87–87 Green (wheel slot 4)<br>88–124 R+<br>125–125 Yellow (wheel slot 5)<br>126–162 G-<br>163–163 Red (wheel slot 6)<br>164–200 B+<br>201–201 Magenta (wheel slot 7)<br>202–238 R-<br>239–239 Blue (wheel slot 8)<br>240–240 Fast<br>241–246 Fast > Slow<br>247–247 Slow<br>248–248 Fast<br>249–254 Fast > Slow<br>255–255 Slow |
| 5 | C TC | 0 | |
| 6 | Effect | 0 | 0–0 Open<br>1–46 Patterns<br>47–255 Build-in |
| 7 | Step Chennel | 0 | |
| 8 | Auto Run Hold Time | 0 | |
| 9 | Auto Run Hold Time1 | 0 | |
| 10 | Control1 | 0 | |
| 11 | Red | 0 | |
| 12 | Red Fine | 0 | Fine byte of Red |
| 13 | Green | 0 | |
| 14 | Green Fine | 0 | Fine byte of Green |
| 15 | Blue | 0 | |
| 16 | Blue Fine | 0 | Fine byte of Blue |
| 17 | White | 0 | |
| 18 | White Fine | 0 | Fine byte of White |
| 19 | Red | 255 | |
| 20 | Red Fine | 255 | Fine byte of Red |
| 21 | Green | 255 | |
| 22 | Green Fine | 255 | Fine byte of Green |
| 23 | Blue | 255 | |
| 24 | Blue Fine | 255 | Fine byte of Blue |
| 25 | White | 255 | |
| 26 | White Fine | 255 | Fine byte of White |
| 27 | Red | 255 | |
| 28 | Red Fine | 255 | Fine byte of Red |
| 29 | Green | 255 | |
| 30 | Green Fine | 255 | Fine byte of Green |
| 31 | Blue | 255 | |
| 32 | Blue Fine | 255 | Fine byte of Blue |
| 33 | White | 255 | |

## 66CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 34 | White Fine | 255 | Fine byte of White |
| 35 | Red | 255 | |
| 36 | Red Fine | 255 | Fine byte of Red |
| 37 | Green | 255 | |
| 38 | Green Fine | 255 | Fine byte of Green |
| 39 | Blue | 255 | |
| 40 | Blue Fine | 255 | Fine byte of Blue |
| 41 | White | 255 | |
| 42 | White Fine | 255 | Fine byte of White |
| 43 | Red | 255 | |
| 44 | Red Fine | 255 | Fine byte of Red |
| 45 | Green | 255 | |
| 46 | Green Fine | 255 | Fine byte of Green |
| 47 | Blue | 255 | |
| 48 | Blue Fine | 255 | Fine byte of Blue |
| 49 | White | 255 | |
| 50 | White Fine | 255 | Fine byte of White |
| 51 | Red | 255 | |
| 52 | Red Fine | 255 | Fine byte of Red |
| 53 | Green | 255 | |
| 54 | Green Fine | 255 | Fine byte of Green |
| 55 | Blue | 255 | |
| 56 | Blue Fine | 255 | Fine byte of Blue |
| 57 | White | 255 | |
| 58 | White Fine | 255 | Fine byte of White |
| 59 | Red | 255 | |
| 60 | Red Fine | 255 | Fine byte of Red |
| 61 | Green | 255 | |
| 62 | Green Fine | 255 | Fine byte of Green |
| 63 | Blue | 255 | |
| 64 | Blue Fine | 255 | Fine byte of Blue |
| 65 | White | 255 | |
| 66 | White Fine | 255 | Fine byte of White |