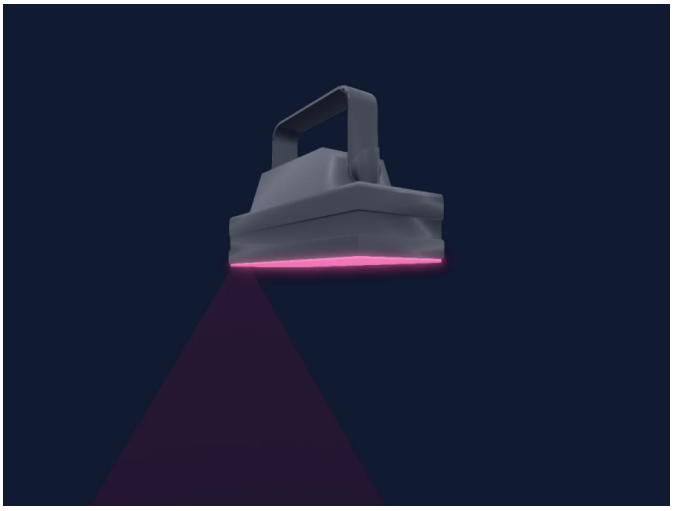
EK Lights

# Radiant 3000 Plus



| | |
|---|---|
| Manufacturer | **EK Lights** |
| Type | **Effect light** |
| DMX modes | **20** |
| DMX footprint | **5, 6, 13, 21, 25, 29, 33, 57, 81, 129, 153, 241, 269 channels** |
| Beam angle | **60°** |
| Heads / cells | **36** |
| Size (W × H × D) | **322 × 164 × 55 mm** |
| GDTF fixture type | **BF1D1C60-AF0C-4C05-9A97-81…** |

## Controls

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

## Safety-relevant functions

Fixture reset · Built-in effect programmes

## DMX modes

| | |
|---|---|
| Basic - Static | 5 ch |
| Basic - Strobe | 6 ch |
| Basic - RGBW Strobe | 13 ch |
| Pixels - 1 | 13 ch |
| Pixels - 60 | 13 ch |
| Advanced 1 | 21 ch |
| Advanced 2 | 21 ch |
| Pixels - 3-1 | 21 ch |
| Pixels - 3-2 | 21 ch |
| Pixels - 4 | 25 ch |
| Pixels - 5 | 29 ch |
| Advanced 3 | 33 ch |
| Pixels - 6 | 33 ch |
| Pixels - 12-1 | 57 ch |
| Pixels - 12-2 | 57 ch |
| Pixels - 18 | 81 ch |
| Pixels - 30 | 129 ch |
| Pixels - 36 | 153 ch |
| Basic - Pixel | 241 ch |
| Advanced 4 | 269 ch |

## Basic - Static

5 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | White | 255 | |
| 5 | Control1 | 0 | 0–5 No Function<br>6–10 Dimmer Mode Off<br>11–15 Dimmer Mode 1<br>16–20 Dimmer Mode 2<br>21–25 Dimmer Mode 3<br>26–30 Dimmer Mode Auto<br>31–35 S Curve<br>36–40 Linear<br>41–45 Square<br>46–50 Inverse<br>51–55 1000Hz<br>56–60 2000Hz<br>61–65 4000Hz<br>66–70 6000Hz<br>71–75 25000Hz<br>76–80 Auto<br>81–85 On<br>86–90 Off<br>91–95 Silent<br>96–100 Reserved<br>101–105 Invert Off<br>106–110 Invert On<br>111–250 Reserved<br>251–255 All Reset |

## Basic - Strobe

6 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 | Strobe Duration | 128 | 0–127 15ms<br>128–254 570ms<br>255–255 990ms |
| 4 | Strobe Rate | 0 | 0–10 Open<br>11–132 Slow<br>133–254 Medium<br>255–255 Fast |
| 5 | Shutter1Strobe Effect | 3 | 0–2 No Effects<br>3–5 Static<br>6–42 Pulse Open<br>43–85 Pulse Close<br>86–128 Pulse<br>129–171 Pulse Random<br>172–214 Lightning<br>215–255 Spikes |

### Basic - Strobe (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **6** | Control1 | 0 | 0–5 No Function<br>6–10 Dimmer Mode Off<br>11–15 Dimmer Mode 1<br>16–20 Dimmer Mode 2<br>21–25 Dimmer Mode 3<br>26–30 Dimmer Mode Auto<br>31–35 S Curve<br>36–40 Linear<br>41–45 Square<br>46–50 Inverse<br>51–55 1000Hz<br>56–60 2000Hz<br>61–65 4000Hz<br>66–70 6000Hz<br>71–75 25000Hz<br>76–80 Auto<br>81–85 On<br>86–90 Off<br>91–95 Silent<br>96–100 Reserved<br>101–105 Invert Off<br>106–110 Invert On<br>111–250 Reserved<br>251–255 All Reset |

## Basic - RGBW Strobe

13 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Red | 255 | |
| **2** | Green | 255 | |
| **3** | Blue | 255 | |
| **4** | White | 255 | |
| **5** | C TO | 0 | 0–5 Open<br>6–225 2800K<br>226–226 10000K<br>227–255 NoFeature 1 |
| **6** | Tint | 128 | 0–127 Red Max<br>128–254 Tint Off<br>255–255 Green Max |
| **7** | C TCRGB | 255 | 0–254 CTC<br>255–255 RGB |
| **8** | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| **9** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **10** | Strobe Duration | 128 | 0–127 15ms<br>128–254 570ms<br>255–255 990ms |
| **11** | Strobe Rate | 128 | 0–10 Open<br>11–127 Slow<br>128–254 Medium<br>255–255 Fast |

### Basic - RGBW Strobe (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 12 | Shutter1Strobe Effect | 3 | 0–2 No Effects<br>3–5 Static<br>6–42 Pulse Open<br>43–85 Pulse Close<br>86–128 Pulse<br>129–171 Pulse Random<br>172–214 Lightning<br>215–255 Spikes |
| 13 | Control1 | 0 | 0–5 No Function<br>6–10 Dimmer Mode Off<br>11–15 Dimmer Mode 1<br>16–20 Dimmer Mode 2<br>21–25 Dimmer Mode 3<br>26–30 Dimmer Mode Auto<br>31–35 S Curve<br>36–40 Linear<br>41–45 Square<br>46–50 Inverse<br>51–55 1000Hz<br>56–60 2000Hz<br>61–65 4000Hz<br>66–70 6000Hz<br>71–75 25000Hz<br>76–80 Auto<br>81–85 On<br>86–90 Off<br>91–95 Silent<br>96–100 Reserved<br>101–105 Invert Off<br>106–110 Invert On<br>111–250 Reserved<br>251–255 All Reset |

## Pixels - 1

13 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 | Strobe Duration | 128 | 0–127 15ms<br>128–254 570ms<br>255–255 990ms |
| 4 | Strobe Rate | 128 | 0–10 Open<br>11–127 Slow<br>128–254 Medium<br>255–255 Fast |
| 5 | Shutter1Strobe Effect | 3 | 0–2 No Effects<br>3–5 Static<br>6–42 Pulse Open<br>43–85 Pulse Close<br>86–128 Pulse<br>129–171 Pulse Random<br>172–214 Lightning<br>215–255 Spikes |
| 6 | C TO | 0 | 0–5 Open<br>6–225 2800K<br>226–226 10000K<br>227–255 NoFeature 1 |

### Pixels - 1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **7** | Tint | 128 | 0–127 Red Max<br>128–254 Tint Off<br>255–255 Green Max |
| **8** | C TCRGB | 255 | 0–254 CTC<br>255–255 RGB |
| **9** | Control1 | 0 | 0–5 No Function<br>6–10 Dimmer Mode Off<br>11–15 Dimmer Mode 1<br>16–20 Dimmer Mode 2<br>21–25 Dimmer Mode 3<br>26–30 Dimmer Mode Auto<br>31–35 S Curve<br>36–40 Linear<br>41–45 Square<br>46–50 Inverse<br>51–55 1000Hz<br>56–60 2000Hz<br>61–65 4000Hz<br>66–70 6000Hz<br>71–75 25000Hz<br>76–80 Auto<br>81–85 On<br>86–90 Off<br>91–95 Silent<br>96–100 Reserved<br>101–105 Invert Off<br>106–110 Invert On<br>111–250 Reserved<br>251–255 All Reset |
| **10** | Red | 255 | |
| **11** | Green | 255 | |
| **12** | Blue | 255 | |
| **13** | White | 255 | |

## Pixels - 60

13 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** | Strobe Duration | 128 | 0–127 15ms<br>128–254 570ms<br>255–255 990ms |
| **4** | Strobe Rate | 0 | 0–10 Open<br>11–127 Slow<br>128–254 Medium<br>255–255 Fast |
| **5** | Shutter1Strobe Effect | 3 | 0–2 No Effects<br>3–5 Static<br>6–42 Pulse Open<br>43–85 Pulse Close<br>86–128 Pulse<br>129–171 Pulse Random<br>172–214 Lightning<br>215–255 Spikes |

### Pixels - 60 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **6** | C TO | 0 | 0–5 Open<br>6–225 2800K<br>226–226 10000K<br>227–255 NoFeature 1 |
| **7** | Tint | 128 | 0–127 Red Max<br>128–254 Tint Off<br>255–255 Green Max |
| **8** | C TCRGB | 255 | 0–254 CTC<br>255–255 RGB |
| **9** | Control1 | 0 | 0–5 No Function<br>6–10 Dimmer Mode Off<br>11–15 Dimmer Mode 1<br>16–20 Dimmer Mode 2<br>21–25 Dimmer Mode 3<br>26–30 Dimmer Mode Auto<br>31–35 S Curve<br>36–40 Linear<br>41–45 Square<br>46–50 Inverse<br>51–55 1000Hz<br>56–60 2000Hz<br>61–65 4000Hz<br>66–70 6000Hz<br>71–75 25000Hz<br>76–80 Auto<br>81–85 On<br>86–90 Off<br>91–95 Silent<br>96–100 Reserved<br>101–105 Invert Off<br>106–110 Invert On<br>111–250 Reserved<br>251–255 All Reset |
| **10** | Red | 255 | |
| **11** | Green | 255 | |
| **12** | Blue | 255 | |
| **13** | White | 255 | |

## Advanced 1

21 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** | Dimmer | 255 | 0–254 Closed<br>255–255 Open |
| **4** | Shutter / Strobe | 255 | 0–30 FG Closed<br>31–53 FG Strobe Slow<br>54–76 FG Strobe Med<br>77–100 FG Strobe Fast<br>101–130 FG Open 1<br>131–153 Random Strobe · FG Rand Slow 1–10.6 Hz<br>154–176 Random Strobe · FG Rand Med 11–20.6 Hz<br>177–200 Random Strobe · FG Rand Fast 21–31 Hz<br>201–255 FG Open 2 |
| **5** | Red | 255 | |
| **6** | Green | 255 | |

## Advanced 1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **7** | Blue | 255 | |
| **8** | White | 255 | |
| **9** | C TO | 0 | 0–5 Open<br>6–225 2800K<br>226–226 10000K<br>227–255 NoFeature 1 |
| **10** | Tint | 128 | 0–127 Red Max<br>128–254 Tint Off<br>255–255 Green Max |
| **11** | C TCRGB | 255 | 0–254 CTC<br>255–255 RGB |
| **12** | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| **13** | Shutter / Strobe 2 | 255 | 0–30 BG Closed<br>31–53 BG Strobe Slow<br>54–76 BG Strobe Med<br>77–100 BG Strobe Fast<br>101–130 BG Open 1<br>131–153 Random Strobe · BG Rand Slow 1–10.6 Hz<br>154–176 Random Strobe · BG Rand Med 11–20.6 Hz<br>177–200 Random Strobe · BG Rand Fast 21–31 Hz<br>201–255 BG Open 2 |
| **14** | Red | 255 | |
| **15** | Green | 255 | |
| **16** | Blue | 255 | |
| **17** | White | 255 | |

## Advanced 1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **18** | Effect | 0 | 0–10 Open<br>11–12 FX 1<br>13–14 FX 2<br>15–16 FX 3<br>17–18 FX 4<br>19–20 FX 5<br>21–22 FX 6<br>23–24 FX 7<br>25–26 FX 8<br>27–28 FX 9<br>29–30 FX 10<br>31–32 FX 11<br>33–34 FX 12<br>35–36 FX 13<br>37–38 FX 14<br>39–40 FX 15<br>41–42 FX 16<br>43–44 FX 17<br>45–46 FX 18<br>47–48 FX 19<br>49–50 FX 20<br>51–52 FX 21<br>53–54 FX 22<br>55–56 FX 23<br>57–58 FX 24<br>59–60 FX 25<br>61–62 FX 26<br>63–64 FX 27<br>65–66 FX 28<br>67–68 FX 29<br>69–70 FX 30<br>71–72 FX 31<br>73–74 FX 32<br>75–76 FX 33<br>77–78 FX 34<br>79–80 FX 35<br>81–82 FX 36<br>83–131 Random Min<br>132–132 Random Max<br>133–133 FX 37<br>134–134 FX 38<br>135–135 FX 39<br>136–136 FX 40<br>137–137 FX 41<br>138–138 FX 42<br>139–139 FX 43<br>140–140 FX 44<br>141–141 FX 45<br>142–142 FX 46<br>143–143 FX 47<br>144–144 FX 48<br>145–145 FX 49<br>146–146 FX 50<br>147–147 FX 51<br>148–148 FX 52<br>149–149 FX 53<br>150–150 FX 54<br>151–151 FX 55<br>152–152 FX 56<br>153–153 FX 57<br>154–154 FX 58<br>155–155 FX 59<br>156–156 FX 60<br>157–157 FX 61 |

### Advanced 1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **19** | Effect Speed | 153 | 0–24 Min<br>25–49 Middle<br>50–50 Max<br>51–118 Slow<br>119–186 Med<br>187–255 Fast |
| **20** | Effects1Fade | 0 | |
| **21** | Control1 | 0 | 0–5 No Function<br>6–10 Dimmer Mode Off<br>11–15 Dimmer Mode 1<br>16–20 Dimmer Mode 2<br>21–25 Dimmer Mode 3<br>26–30 Dimmer Mode Auto<br>31–35 S Curve<br>36–40 Linear<br>41–45 Square<br>46–50 Inverse<br>51–55 1000Hz<br>56–60 2000Hz<br>61–65 4000Hz<br>66–70 6000Hz<br>71–75 25000Hz<br>76–80 Auto<br>81–85 On<br>86–90 Off<br>91–95 Silent<br>96–100 Reserved<br>101–105 Invert Off<br>106–110 Invert On<br>111–250 Reserved<br>251–255 All Reset |

## Advanced 2

21 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** | Dimmer | 255 | 0–254 Closed<br>255–255 Open |
| **4** | Shutter / Strobe | 255 | 0–30 FG Closed<br>31–53 FG Strobe Slow<br>54–76 FG Strobe Med<br>77–100 FG Strobe Fast<br>101–130 FG Open 1<br>131–153 Random Strobe · FG Rand Slow 1–10.6 Hz<br>154–176 Random Strobe · FG Rand Med 11–20.6 Hz<br>177–200 Random Strobe · FG Rand Fast 21–31 Hz<br>201–255 FG Open 2 |
| **5** | Dimmer | 0 | 0–254 Closed<br>255–255 Open |

## Advanced 2 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **6** | Shutter / Strobe 2 | 255 | 0–30 BG Closed<br>31–53 BG Strobe Slow<br>54–76 BG Strobe Med<br>77–100 BG Strobe Fast<br>101–130 BG Open 1<br>131–153 Random Strobe · BG Rand Slow 1–10.6 Hz<br>154–176 Random Strobe · BG Rand Med 11–20.6 Hz<br>177–200 Random Strobe · BG Rand Fast 21–31 Hz<br>201–255 BG Open 2 |
| **7** | Red | 255 | |
| **8** | Green | 255 | |
| **9** | Blue | 255 | |
| **10** | White | 255 | |

## Advanced 2 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **11** | Effect | 0 | 0–10 Open<br>11–12 FX 1<br>13–14 FX 2<br>15–16 FX 3<br>17–18 FX 4<br>19–20 FX 5<br>21–22 FX 6<br>23–24 FX 7<br>25–26 FX 8<br>27–28 FX 9<br>29–30 FX 10<br>31–32 FX 11<br>33–34 FX 12<br>35–36 FX 13<br>37–38 FX 14<br>39–40 FX 15<br>41–42 FX 16<br>43–44 FX 17<br>45–46 FX 18<br>47–48 FX 19<br>49–50 FX 20<br>51–52 FX 21<br>53–54 FX 22<br>55–56 FX 23<br>57–58 FX 24<br>59–60 FX 25<br>61–62 FX 26<br>63–64 FX 27<br>65–66 FX 28<br>67–68 FX 29<br>69–70 FX 30<br>71–72 FX 31<br>73–74 FX 32<br>75–76 FX 33<br>77–78 FX 34<br>79–80 FX 35<br>81–82 FX 36<br>83–131 Random Min<br>132–132 Random Max<br>133–133 FX 37<br>134–134 FX 38<br>135–135 FX 39<br>136–136 FX 40<br>137–137 FX 41<br>138–138 FX 42<br>139–139 FX 43<br>140–140 FX 44<br>141–141 FX 45<br>142–142 FX 46<br>143–143 FX 47<br>144–144 FX 48<br>145–145 FX 49<br>146–146 FX 50<br>147–147 FX 51<br>148–148 FX 52<br>149–149 FX 53<br>150–150 FX 54<br>151–151 FX 55<br>152–152 FX 56<br>153–153 FX 57<br>154–154 FX 58<br>155–155 FX 59<br>156–156 FX 60<br>157–157 FX 61 |

### Advanced 2 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **12** | Effect Speed | 153 | 0–24 Min<br>25–49 Middle<br>50–50 Max<br>51–118 Slow<br>119–186 Med<br>187–255 Fast |
| **13** | Effects1Fade | 0 | |
| **14** | Control1 | 0 | 0–5 No Function<br>6–10 Dimmer Mode Off<br>11–15 Dimmer Mode 1<br>16–20 Dimmer Mode 2<br>21–25 Dimmer Mode 3<br>26–30 Dimmer Mode Auto<br>31–35 S Curve<br>36–40 Linear<br>41–45 Square<br>46–50 Inverse<br>51–55 1000Hz<br>56–60 2000Hz<br>61–65 4000Hz<br>66–70 6000Hz<br>71–75 25000Hz<br>76–80 Auto<br>81–85 On<br>86–90 Off<br>91–95 Silent<br>96–100 Reserved<br>101–105 Invert Off<br>106–110 Invert On<br>111–250 Reserved<br>251–255 All Reset |
| **15** | C TO | 0 | 0–5 Open<br>6–225 2800K<br>226–226 10000K<br>227–255 NoFeature 1 |
| **16** | Tint | 128 | 0–127 Red Max<br>128–254 Tint Off<br>255–255 Green Max |
| **17** | C TCRGB | 255 | 0–254 CTC<br>255–255 RGB |
| **18** | Red | 255 | |
| **19** | Green | 255 | |
| **20** | Blue | 255 | |
| **21** | White | 255 | |

## Pixels - 3-1

21 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** | Strobe Duration | 128 | 0–127 15ms<br>128–254 570ms<br>255–255 990ms |

## Pixels - 3-1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **4** | Strobe Rate | 0 | 0–10 Open<br>11–127 Slow<br>128–254 Medium<br>255–255 Fast |
| **5** | Shutter1Strobe Effect | 3 | 0–2 No Effects<br>3–5 Static<br>6–42 Pulse Open<br>43–85 Pulse Close<br>86–128 Pulse<br>129–171 Pulse Random<br>172–214 Lightning<br>215–255 Spikes |
| **6** | C TO | 0 | 0–5 Open<br>6–225 2800K<br>226–226 10000K<br>227–255 NoFeature 1 |
| **7** | Tint | 128 | 0–127 Red Max<br>128–254 Tint Off<br>255–255 Green Max |
| **8** | C TCRGB | 255 | 0–254 CTC<br>255–255 RGB |
| **9** | Control1 | 0 | 0–5 No Function<br>6–10 Dimmer Mode Off<br>11–15 Dimmer Mode 1<br>16–20 Dimmer Mode 2<br>21–25 Dimmer Mode 3<br>26–30 Dimmer Mode Auto<br>31–35 S Curve<br>36–40 Linear<br>41–45 Square<br>46–50 Inverse<br>51–55 1000Hz<br>56–60 2000Hz<br>61–65 4000Hz<br>66–70 6000Hz<br>71–75 25000Hz<br>76–80 Auto<br>81–85 On<br>86–90 Off<br>91–95 Silent<br>96–100 Reserved<br>101–105 Invert Off<br>106–110 Invert On<br>111–250 Reserved<br>251–255 All Reset |
| **10** | Red | 255 | |
| **11** | Green | 255 | |
| **12** | Blue | 255 | |
| **13** | White | 255 | |
| **14** | Red | 255 | |
| **15** | Green | 255 | |
| **16** | Blue | 255 | |
| **17** | White | 255 | |
| **18** | Red | 255 | |
| **19** | Green | 255 | |
| **20** | Blue | 255 | |

### Pixels - 3-1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **21** | White | 255 | |

## Pixels - 3-2

21 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** | Strobe Duration | 128 | 0–127 15ms<br>128–254 570ms<br>255–255 990ms |
| **4** | Strobe Rate | 0 | 0–10 Open<br>11–127 Slow<br>128–254 Medium<br>255–255 Fast |
| **5** | Shutter1Strobe Effect | 3 | 0–2 No Effects<br>3–5 Static<br>6–42 Pulse Open<br>43–85 Pulse Close<br>86–128 Pulse<br>129–171 Pulse Random<br>172–214 Lightning<br>215–255 Spikes |
| **6** | C TO | 0 | 0–5 Open<br>6–225 2800K<br>226–226 10000K<br>227–255 NoFeature 1 |
| **7** | Tint | 128 | 0–127 Red Max<br>128–254 Tint Off<br>255–255 Green Max |
| **8** | C TCRGB | 255 | 0–254 CTC<br>255–255 RGB |
| **9** | Control1 | 0 | 0–5 No Function<br>6–10 Dimmer Mode Off<br>11–15 Dimmer Mode 1<br>16–20 Dimmer Mode 2<br>21–25 Dimmer Mode 3<br>26–30 Dimmer Mode Auto<br>31–35 S Curve<br>36–40 Linear<br>41–45 Square<br>46–50 Inverse<br>51–55 1000Hz<br>56–60 2000Hz<br>61–65 4000Hz<br>66–70 6000Hz<br>71–75 25000Hz<br>76–80 Auto<br>81–85 On<br>86–90 Off<br>91–95 Silent<br>96–100 Reserved<br>101–105 Invert Off<br>106–110 Invert On<br>111–250 Reserved<br>251–255 All Reset |
| **10** | Red | 255 | |

### Pixels - 3-2 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **11** | Green | 255 | |
| **12** | Blue | 255 | |
| **13** | White | 255 | |
| **14** | Red | 255 | |
| **15** | Green | 255 | |
| **16** | Blue | 255 | |
| **17** | White | 255 | |
| **18** | Red | 255 | |
| **19** | Green | 255 | |
| **20** | Blue | 255 | |
| **21** | White | 255 | |

## Pixels - 4

25 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** | Strobe Duration | 128 | 0–127 15ms<br>128–254 570ms<br>255–255 990ms |
| **4** | Strobe Rate | 0 | 0–10 Open<br>11–127 Slow<br>128–254 Medium<br>255–255 Fast |
| **5** | Shutter1Strobe Effect | 3 | 0–2 No Effects<br>3–5 Static<br>6–42 Pulse Open<br>43–85 Pulse Close<br>86–128 Pulse<br>129–171 Pulse Random<br>172–214 Lightning<br>215–255 Spikes |
| **6** | C TO | 0 | 0–5 Open<br>6–225 2800K<br>226–226 10000K<br>227–255 NoFeature 1 |
| **7** | Tint | 128 | 0–127 Red Max<br>128–254 Tint Off<br>255–255 Green Max |
| **8** | C TCRGB | 255 | 0–254 CTC<br>255–255 RGB |

### Pixels - 4 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **9** | Control1 | 0 | 0–5 No Function<br>6–10 Dimmer Mode Off<br>11–15 Dimmer Mode 1<br>16–20 Dimmer Mode 2<br>21–25 Dimmer Mode 3<br>26–30 Dimmer Mode Auto<br>31–35 S Curve<br>36–40 Linear<br>41–45 Square<br>46–50 Inverse<br>51–55 1000Hz<br>56–60 2000Hz<br>61–65 4000Hz<br>66–70 6000Hz<br>71–75 25000Hz<br>76–80 Auto<br>81–85 On<br>86–90 Off<br>91–95 Silent<br>96–100 Reserved<br>101–105 Invert Off<br>106–110 Invert On<br>111–250 Reserved<br>251–255 All Reset |
| **10** | Red | 255 | |
| **11** | Green | 255 | |
| **12** | Blue | 255 | |
| **13** | White | 255 | |
| **14** | Red | 255 | |
| **15** | Green | 255 | |
| **16** | Blue | 255 | |
| **17** | White | 255 | |
| **18** | Red | 255 | |
| **19** | Green | 255 | |
| **20** | Blue | 255 | |
| **21** | White | 255 | |
| **22** | Red | 255 | |
| **23** | Green | 255 | |
| **24** | Blue | 255 | |
| **25** | White | 255 | |

## Pixels - 5

29 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** | Strobe Duration | 128 | 0–127 15ms<br>128–254 570ms<br>255–255 990ms |
| **4** | Strobe Rate | 0 | 0–10 Open<br>11–127 Slow<br>128–254 Medium<br>255–255 Fast |

## Pixels - 5 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **5** | Shutter1Strobe Effect | 3 | 0–2 No Effects<br>3–5 Static<br>6–42 Pulse Open<br>43–85 Pulse Close<br>86–128 Pulse<br>129–171 Pulse Random<br>172–214 Lightning<br>215–255 Spikes |
| **6** | C TO | 0 | 0–5 Open<br>6–225 2800K<br>226–226 10000K<br>227–255 NoFeature 1 |
| **7** | Tint | 128 | 0–127 Red Max<br>128–254 Tint Off<br>255–255 Green Max |
| **8** | C TCRGB | 255 | 0–254 CTC<br>255–255 RGB |
| **9** | Control1 | 0 | 0–5 No Function<br>6–10 Dimmer Mode Off<br>11–15 Dimmer Mode 1<br>16–20 Dimmer Mode 2<br>21–25 Dimmer Mode 3<br>26–30 Dimmer Mode Auto<br>31–35 S Curve<br>36–40 Linear<br>41–45 Square<br>46–50 Inverse<br>51–55 1000Hz<br>56–60 2000Hz<br>61–65 4000Hz<br>66–70 6000Hz<br>71–75 25000Hz<br>76–80 Auto<br>81–85 On<br>86–90 Off<br>91–95 Silent<br>96–100 Reserved<br>101–105 Invert Off<br>106–110 Invert On<br>111–250 Reserved<br>251–255 All Reset |
| **10** | Red | 255 | |
| **11** | Green | 255 | |
| **12** | Blue | 255 | |
| **13** | White | 255 | |
| **14** | Red | 255 | |
| **15** | Green | 255 | |
| **16** | Blue | 255 | |
| **17** | White | 255 | |
| **18** | Red | 255 | |
| **19** | Green | 255 | |
| **20** | Blue | 255 | |
| **21** | White | 255 | |
| **22** | Red | 255 | |
| **23** | Green | 255 | |

### Pixels - 5 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **24** | Blue | 255 | |
| **25** | White | 255 | |
| **26** | Red | 255 | |
| **27** | Green | 255 | |
| **28** | Blue | 255 | |
| **29** | White | 255 | |

## Advanced 3

33 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** | Dimmer | 255 | 0–254 Closed<br>255–255 Open |
| **4** | Shutter / Strobe | 255 | 0–30 FG Closed<br>31–53 FG Strobe Slow<br>54–76 FG Strobe Med<br>77–100 FG Strobe Fast<br>101–130 FG Open 1<br>131–153 Random Strobe · FG Rand Slow 1–10.6 Hz<br>154–176 Random Strobe · FG Rand Med 11–20.6 Hz<br>177–200 Random Strobe · FG Rand Fast 21–31 Hz<br>201–255 FG Open 2 |
| **5** | Red | 255 | |
| **6** | Green | 255 | |
| **7** | Blue | 255 | |
| **8** | White | 255 | |
| **9** | C TO | 0 | 0–5 Open<br>6–225 2800K<br>226–226 10000K<br>227–255 NoFeature 1 |
| **10** | Tint | 128 | 0–127 Red Max<br>128–254 Tint Off<br>255–255 Green Max |
| **11** | C TCRGB | 255 | 0–254 CTC<br>255–255 RGB |
| **12** | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| **13** | Shutter / Strobe 2 | 255 | 0–30 BG Closed<br>31–53 BG Strobe Slow<br>54–76 BG Strobe Med<br>77–100 BG Strobe Fast<br>101–130 BG Open 1<br>131–153 Random Strobe · BG Rand Slow 1–10.6 Hz<br>154–176 Random Strobe · BG Rand Med 11–20.6 Hz<br>177–200 Random Strobe · BG Rand Fast 21–31 Hz<br>201–255 BG Open 2 |
| **14** | Red | 255 | |
| **15** | Green | 255 | |
| **16** | Blue | 255 | |
| **17** | White | 255 | |

## Advanced 3 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **18** | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| **19** | Shutter / Strobe 3 | 255 | 0–30 L1 Closed<br>31–53 L1 Strobe Slow<br>54–76 L1 Strobe Med<br>77–100 L1 Strobe Fast<br>101–130 L1 Open 1<br>131–153 Random Strobe · L1 Rand Slow 1–10.6 Hz<br>154–176 Random Strobe · L1 Rand Med 11–20.6 Hz<br>177–200 Random Strobe · L1 Rand Fast 21–31 Hz<br>201–255 L1 Open 2 |
| **20** | Red | 255 | |
| **21** | Green | 255 | |
| **22** | Blue | 255 | |
| **23** | White | 255 | |

## Advanced 3 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **24** | Effect 2 | 0 | 0–10 Open<br>11–12 FX 1<br>13–14 FX 2<br>15–16 FX 3<br>17–18 FX 4<br>19–20 FX 5<br>21–22 FX 6<br>23–24 FX 7<br>25–26 FX 8<br>27–28 FX 9<br>29–30 FX 10<br>31–32 FX 11<br>33–34 FX 12<br>35–36 FX 13<br>37–38 FX 14<br>39–40 FX 15<br>41–42 FX 16<br>43–44 FX 17<br>45–46 FX 18<br>47–48 FX 19<br>49–50 FX 20<br>51–52 FX 21<br>53–54 FX 22<br>55–56 FX 23<br>57–58 FX 24<br>59–60 FX 25<br>61–62 FX 26<br>63–64 FX 27<br>65–66 FX 28<br>67–68 FX 29<br>69–70 FX 30<br>71–72 FX 31<br>73–74 FX 32<br>75–76 FX 33<br>77–78 FX 34<br>79–80 FX 35<br>81–82 FX 36<br>83–131 Random Min<br>132–132 Random Max<br>133–133 FX 37<br>134–134 FX 38<br>135–135 FX 39<br>136–136 FX 40<br>137–137 FX 41<br>138–138 FX 42<br>139–139 FX 43<br>140–140 FX 44<br>141–141 FX 45<br>142–142 FX 46<br>143–143 FX 47<br>144–144 FX 48<br>145–145 FX 49<br>146–146 FX 50<br>147–147 FX 51<br>148–148 FX 52<br>149–149 FX 53<br>150–150 FX 54<br>151–151 FX 55<br>152–152 FX 56<br>153–153 FX 57<br>154–154 FX 58<br>155–155 FX 59<br>156–156 FX 60<br>157–157 FX 61 |

## Advanced 3 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **25** | Effect Speed 2 | 153 | 0–24 Min<br>25–49 Middle<br>50–50 Max<br>51–118 Slow<br>119–186 Med<br>187–255 Fast |
| **26** | Effects Sync | 0 | 0–199 L1 Min<br>200–200 L1 Max<br>201–254 L1 Min<br>255–255 L1 Max |

## Advanced 3 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **27** | Effect | 0 | 0–10 Open<br>11–12 FX 1<br>13–14 FX 2<br>15–16 FX 3<br>17–18 FX 4<br>19–20 FX 5<br>21–22 FX 6<br>23–24 FX 7<br>25–26 FX 8<br>27–28 FX 9<br>29–30 FX 10<br>31–32 FX 11<br>33–34 FX 12<br>35–36 FX 13<br>37–38 FX 14<br>39–40 FX 15<br>41–42 FX 16<br>43–44 FX 17<br>45–46 FX 18<br>47–48 FX 19<br>49–50 FX 20<br>51–52 FX 21<br>53–54 FX 22<br>55–56 FX 23<br>57–58 FX 24<br>59–60 FX 25<br>61–62 FX 26<br>63–64 FX 27<br>65–66 FX 28<br>67–68 FX 29<br>69–70 FX 30<br>71–72 FX 31<br>73–74 FX 32<br>75–76 FX 33<br>77–78 FX 34<br>79–80 FX 35<br>81–82 FX 36<br>83–131 Random Min<br>132–132 Random Max<br>133–133 FX 37<br>134–134 FX 38<br>135–135 FX 39<br>136–136 FX 40<br>137–137 FX 41<br>138–138 FX 42<br>139–139 FX 43<br>140–140 FX 44<br>141–141 FX 45<br>142–142 FX 46<br>143–143 FX 47<br>144–144 FX 48<br>145–145 FX 49<br>146–146 FX 50<br>147–147 FX 51<br>148–148 FX 52<br>149–149 FX 53<br>150–150 FX 54<br>151–151 FX 55<br>152–152 FX 56<br>153–153 FX 57<br>154–154 FX 58<br>155–155 FX 59<br>156–156 FX 60<br>157–157 FX 61 |

### Advanced 3 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **28** | Effect Speed | 153 | 0–24 Min<br>25–49 Middle<br>50–50 Max<br>51–118 Slow<br>119–186 Med<br>187–255 Fast |
| **29** | Effects Sync | 0 | 0–199 FG Min<br>200–200 FG Max<br>201–254 FG Min<br>255–255 FG Max |
| **30** | Effects1Fade | 0 | |
| **31** | No Feature | 0 | |
| **32** | No Feature | 0 | |
| **33** | Control1 | 0 | 0–5 No Function<br>6–10 Dimmer Mode Off<br>11–15 Dimmer Mode 1<br>16–20 Dimmer Mode 2<br>21–25 Dimmer Mode 3<br>26–30 Dimmer Mode Auto<br>31–35 S Curve<br>36–40 Linear<br>41–45 Square<br>46–50 Inverse<br>51–55 1000Hz<br>56–60 2000Hz<br>61–65 4000Hz<br>66–70 6000Hz<br>71–75 25000Hz<br>76–80 Auto<br>81–85 On<br>86–90 Off<br>91–95 Silent<br>96–100 Reserved<br>101–105 Invert Off<br>106–110 Invert On<br>111–250 Reserved<br>251–255 All Reset |

## Pixels - 6

33 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** | Strobe Duration | 128 | 0–127 15ms<br>128–254 570ms<br>255–255 990ms |
| **4** | Strobe Rate | 0 | 0–10 Open<br>11–127 Slow<br>128–254 Medium<br>255–255 Fast |

## Pixels - 6 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **5** | Shutter1Strobe Effect | 3 | 0–2 No Effects<br>3–5 Static<br>6–42 Pulse Open<br>43–85 Pulse Close<br>86–128 Pulse<br>129–171 Pulse Random<br>172–214 Lightning<br>215–255 Spikes |
| **6** | C TO | 0 | 0–5 Open<br>6–225 2800K<br>226–226 10000K<br>227–255 NoFeature 1 |
| **7** | Tint | 128 | 0–127 Red Max<br>128–254 Tint Off<br>255–255 Green Max |
| **8** | C TCRGB | 255 | 0–254 CTC<br>255–255 RGB |
| **9** | Control1 | 0 | 0–5 No Function<br>6–10 Dimmer Mode Off<br>11–15 Dimmer Mode 1<br>16–20 Dimmer Mode 2<br>21–25 Dimmer Mode 3<br>26–30 Dimmer Mode Auto<br>31–35 S Curve<br>36–40 Linear<br>41–45 Square<br>46–50 Inverse<br>51–55 1000Hz<br>56–60 2000Hz<br>61–65 4000Hz<br>66–70 6000Hz<br>71–75 25000Hz<br>76–80 Auto<br>81–85 On<br>86–90 Off<br>91–95 Silent<br>96–100 Reserved<br>101–105 Invert Off<br>106–110 Invert On<br>111–250 Reserved<br>251–255 All Reset |
| **10** | Red | 255 | |
| **11** | Green | 255 | |
| **12** | Blue | 255 | |
| **13** | White | 255 | |
| **14** | Red | 255 | |
| **15** | Green | 255 | |
| **16** | Blue | 255 | |
| **17** | White | 255 | |
| **18** | Red | 255 | |
| **19** | Green | 255 | |
| **20** | Blue | 255 | |
| **21** | White | 255 | |
| **22** | Red | 255 | |
| **23** | Green | 255 | |

### Pixels - 6 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **24** | Blue | 255 | |
| **25** | White | 255 | |
| **26** | Red | 255 | |
| **27** | Green | 255 | |
| **28** | Blue | 255 | |
| **29** | White | 255 | |
| **30** | Red | 255 | |
| **31** | Green | 255 | |
| **32** | Blue | 255 | |
| **33** | White | 255 | |

## Pixels - 12-1

57 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** | Strobe Duration | 128 | 0–127 15ms<br>128–254 570ms<br>255–255 990ms |
| **4** | Strobe Rate | 0 | 0–10 Open<br>11–127 Slow<br>128–254 Medium<br>255–255 Fast |
| **5** | Shutter1Strobe Effect | 3 | 0–2 No Effects<br>3–5 Static<br>6–42 Pulse Open<br>43–85 Pulse Close<br>86–128 Pulse<br>129–171 Pulse Random<br>172–214 Lightning<br>215–255 Spikes |
| **6** | C TO | 0 | 0–5 Open<br>6–225 2800K<br>226–226 10000K<br>227–255 NoFeature 1 |
| **7** | Tint | 128 | 0–127 Red Max<br>128–254 Tint Off<br>255–255 Green Max |
| **8** | C TCRGB | 255 | 0–254 CTC<br>255–255 RGB |

## Pixels - 12-1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 9 | Control1 | 0 | 0–5 No Function<br>6–10 Dimmer Mode Off<br>11–15 Dimmer Mode 1<br>16–20 Dimmer Mode 2<br>21–25 Dimmer Mode 3<br>26–30 Dimmer Mode Auto<br>31–35 S Curve<br>36–40 Linear<br>41–45 Square<br>46–50 Inverse<br>51–55 1000Hz<br>56–60 2000Hz<br>61–65 4000Hz<br>66–70 6000Hz<br>71–75 25000Hz<br>76–80 Auto<br>81–85 On<br>86–90 Off<br>91–95 Silent<br>96–100 Reserved<br>101–105 Invert Off<br>106–110 Invert On<br>111–250 Reserved<br>251–255 All Reset |
| 10 | Red | 255 | |
| 11 | Green | 255 | |
| 12 | Blue | 255 | |
| 13 | White | 255 | |
| 14 | Red | 255 | |
| 15 | Green | 255 | |
| 16 | Blue | 255 | |
| 17 | White | 255 | |
| 18 | Red | 255 | |
| 19 | Green | 255 | |
| 20 | Blue | 255 | |
| 21 | White | 255 | |
| 22 | Red | 255 | |
| 23 | Green | 255 | |
| 24 | Blue | 255 | |
| 25 | White | 255 | |
| 26 | Red | 255 | |
| 27 | Green | 255 | |
| 28 | Blue | 255 | |
| 29 | White | 255 | |
| 30 | Red | 255 | |
| 31 | Green | 255 | |
| 32 | Blue | 255 | |
| 33 | White | 255 | |
| 34 | Red | 255 | |
| 35 | Green | 255 | |
| 36 | Blue | 255 | |
| 37 | White | 255 | |

### Pixels - 12-1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **38** | Red | 255 | |
| **39** | Green | 255 | |
| **40** | Blue | 255 | |
| **41** | White | 255 | |
| **42** | Red | 255 | |
| **43** | Green | 255 | |
| **44** | Blue | 255 | |
| **45** | White | 255 | |
| **46** | Red | 255 | |
| **47** | Green | 255 | |
| **48** | Blue | 255 | |
| **49** | White | 255 | |
| **50** | Red | 255 | |
| **51** | Green | 255 | |
| **52** | Blue | 255 | |
| **53** | White | 255 | |
| **54** | Red | 255 | |
| **55** | Green | 255 | |
| **56** | Blue | 255 | |
| **57** | White | 255 | |

## Pixels - 12-2

57 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** | Strobe Duration | 128 | 0–127 15ms<br>128–254 570ms<br>255–255 990ms |
| **4** | Strobe Rate | 0 | 0–10 Open<br>11–127 Slow<br>128–254 Medium<br>255–255 Fast |
| **5** | Shutter1Strobe Effect | 3 | 0–2 No Effects<br>3–5 Static<br>6–42 Pulse Open<br>43–85 Pulse Close<br>86–128 Pulse<br>129–171 Pulse Random<br>172–214 Lightning<br>215–255 Spikes |
| **6** | C TO | 0 | 0–5 Open<br>6–225 2800K<br>226–226 10000K<br>227–255 NoFeature 1 |
| **7** | Tint | 128 | 0–127 Red Max<br>128–254 Tint Off<br>255–255 Green Max |
| **8** | C TCRGB | 255 | 0–254 CTC<br>255–255 RGB |

## Pixels - 12-2 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 9 | Control1 | 0 | 0–5 No Function<br>6–10 Dimmer Mode Off<br>11–15 Dimmer Mode 1<br>16–20 Dimmer Mode 2<br>21–25 Dimmer Mode 3<br>26–30 Dimmer Mode Auto<br>31–35 S Curve<br>36–40 Linear<br>41–45 Square<br>46–50 Inverse<br>51–55 1000Hz<br>56–60 2000Hz<br>61–65 4000Hz<br>66–70 6000Hz<br>71–75 25000Hz<br>76–80 Auto<br>81–85 On<br>86–90 Off<br>91–95 Silent<br>96–100 Reserved<br>101–105 Invert Off<br>106–110 Invert On<br>111–250 Reserved<br>251–255 All Reset |
| 10 | Red | 255 | |
| 11 | Green | 255 | |
| 12 | Blue | 255 | |
| 13 | White | 255 | |
| 14 | Red | 255 | |
| 15 | Green | 255 | |
| 16 | Blue | 255 | |
| 17 | White | 255 | |
| 18 | Red | 255 | |
| 19 | Green | 255 | |
| 20 | Blue | 255 | |
| 21 | White | 255 | |
| 22 | Red | 255 | |
| 23 | Green | 255 | |
| 24 | Blue | 255 | |
| 25 | White | 255 | |
| 26 | Red | 255 | |
| 27 | Green | 255 | |
| 28 | Blue | 255 | |
| 29 | White | 255 | |
| 30 | Red | 255 | |
| 31 | Green | 255 | |
| 32 | Blue | 255 | |
| 33 | White | 255 | |
| 34 | Red | 255 | |
| 35 | Green | 255 | |
| 36 | Blue | 255 | |
| 37 | White | 255 | |

### Pixels - 12-2 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **38** | Red | 255 | |
| **39** | Green | 255 | |
| **40** | Blue | 255 | |
| **41** | White | 255 | |
| **42** | Red | 255 | |
| **43** | Green | 255 | |
| **44** | Blue | 255 | |
| **45** | White | 255 | |
| **46** | Red | 255 | |
| **47** | Green | 255 | |
| **48** | Blue | 255 | |
| **49** | White | 255 | |
| **50** | Red | 255 | |
| **51** | Green | 255 | |
| **52** | Blue | 255 | |
| **53** | White | 255 | |
| **54** | Red | 255 | |
| **55** | Green | 255 | |
| **56** | Blue | 255 | |
| **57** | White | 255 | |

## Pixels - 18

81 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | |
| **2** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **3** | Strobe Duration | 128 | |
| **4** | Strobe Rate | 0 | |
| **5** | Shutter1Strobe Effect | 3 | |
| **6** | C TO | 0 | |
| **7** | Tint | 128 | |
| **8** | C TCRGB | 255 | |
| **9** | Control1 | 0 | |
| **10** | Red | 255 | |
| **11** | Green | 255 | |
| **12** | Blue | 255 | |
| **13** | White | 255 | |
| **14** | Red | 255 | |
| **15** | Green | 255 | |
| **16** | Blue | 255 | |
| **17** | White | 255 | |
| **18** | Red | 255 | |
| **19** | Green | 255 | |
| **20** | Blue | 255 | |
| **21** | White | 255 | |

## Pixels - 18 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 22 | Red | 255 | |
| 23 | Green | 255 | |
| 24 | Blue | 255 | |
| 25 | White | 255 | |
| 26 | Red | 255 | |
| 27 | Green | 255 | |
| 28 | Blue | 255 | |
| 29 | White | 255 | |
| 30 | Red | 255 | |
| 31 | Green | 255 | |
| 32 | Blue | 255 | |
| 33 | White | 255 | |
| 34 | Red | 255 | |
| 35 | Green | 255 | |
| 36 | Blue | 255 | |
| 37 | White | 255 | |
| 38 | Red | 255 | |
| 39 | Green | 255 | |
| 40 | Blue | 255 | |
| 41 | White | 255 | |
| 42 | Red | 255 | |
| 43 | Green | 255 | |
| 44 | Blue | 255 | |
| 45 | White | 255 | |
| 46 | Red | 255 | |
| 47 | Green | 255 | |
| 48 | Blue | 255 | |
| 49 | White | 255 | |
| 50 | Red | 255 | |
| 51 | Green | 255 | |
| 52 | Blue | 255 | |
| 53 | White | 255 | |
| 54 | Red | 255 | |
| 55 | Green | 255 | |
| 56 | Blue | 255 | |
| 57 | White | 255 | |
| 58 | Red | 255 | |
| 59 | Green | 255 | |
| 60 | Blue | 255 | |
| 61 | White | 255 | |
| 62 | Red | 255 | |
| 63 | Green | 255 | |
| 64 | Blue | 255 | |
| 65 | White | 255 | |
| 66 | Red | 255 | |

### Pixels - 18 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 67 | Green | 255 | |
| 68 | Blue | 255 | |
| 69 | White | 255 | |
| 70 | Red | 255 | |
| 71 | Green | 255 | |
| 72 | Blue | 255 | |
| 73 | White | 255 | |
| 74 | Red | 255 | |
| 75 | Green | 255 | |
| 76 | Blue | 255 | |
| 77 | White | 255 | |
| 78 | Red | 255 | |
| 79 | Green | 255 | |
| 80 | Blue | 255 | |
| 81 | White | 255 | |

## Pixels - 30

129 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | Strobe Duration | 128 | |
| 4 | Strobe Rate | 0 | |
| 5 | Shutter1Strobe Effect | 3 | |
| 6 | C TO | 0 | |
| 7 | Tint | 128 | |
| 8 | C TCRGB | 255 | |
| 9 | Control1 | 0 | |
| 10 | Red | 255 | |
| 11 | Green | 255 | |
| 12 | Blue | 255 | |
| 13 | White | 255 | |
| 14 | Red | 255 | |
| 15 | Green | 255 | |
| 16 | Blue | 255 | |
| 17 | White | 255 | |
| 18 | Red | 255 | |
| 19 | Green | 255 | |
| 20 | Blue | 255 | |
| 21 | White | 255 | |
| 22 | Red | 255 | |
| 23 | Green | 255 | |
| 24 | Blue | 255 | |
| 25 | White | 255 | |
| 26 | Red | 255 | |

## Pixels - 30 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **27** | Green | 255 | |
| **28** | Blue | 255 | |
| **29** | White | 255 | |
| **30** | Red | 255 | |
| **31** | Green | 255 | |
| **32** | Blue | 255 | |
| **33** | White | 255 | |
| **34** | Red | 255 | |
| **35** | Green | 255 | |
| **36** | Blue | 255 | |
| **37** | White | 255 | |
| **38** | Red | 255 | |
| **39** | Green | 255 | |
| **40** | Blue | 255 | |
| **41** | White | 255 | |
| **42** | Red | 255 | |
| **43** | Green | 255 | |
| **44** | Blue | 255 | |
| **45** | White | 255 | |
| **46** | Red | 255 | |
| **47** | Green | 255 | |
| **48** | Blue | 255 | |
| **49** | White | 255 | |
| **50** | Red | 255 | |
| **51** | Green | 255 | |
| **52** | Blue | 255 | |
| **53** | White | 255 | |
| **54** | Red | 255 | |
| **55** | Green | 255 | |
| **56** | Blue | 255 | |
| **57** | White | 255 | |
| **58** | Red | 255 | |
| **59** | Green | 255 | |
| **60** | Blue | 255 | |
| **61** | White | 255 | |
| **62** | Red | 255 | |
| **63** | Green | 255 | |
| **64** | Blue | 255 | |
| **65** | White | 255 | |
| **66** | Red | 255 | |
| **67** | Green | 255 | |
| **68** | Blue | 255 | |
| **69** | White | 255 | |
| **70** | Red | 255 | |
| **71** | Green | 255 | |

## Pixels - 30 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **72** | Blue | 255 | |
| **73** | White | 255 | |
| **74** | Red | 255 | |
| **75** | Green | 255 | |
| **76** | Blue | 255 | |
| **77** | White | 255 | |
| **78** | Red | 255 | |
| **79** | Green | 255 | |
| **80** | Blue | 255 | |
| **81** | White | 255 | |
| **82** | Red | 255 | |
| **83** | Green | 255 | |
| **84** | Blue | 255 | |
| **85** | White | 255 | |
| **86** | Red | 255 | |
| **87** | Green | 255 | |
| **88** | Blue | 255 | |
| **89** | White | 255 | |
| **90** | Red | 255 | |
| **91** | Green | 255 | |
| **92** | Blue | 255 | |
| **93** | White | 255 | |
| **94** | Red | 255 | |
| **95** | Green | 255 | |
| **96** | Blue | 255 | |
| **97** | White | 255 | |
| **98** | Red | 255 | |
| **99** | Green | 255 | |
| **100** | Blue | 255 | |
| **101** | White | 255 | |
| **102** | Red | 255 | |
| **103** | Green | 255 | |
| **104** | Blue | 255 | |
| **105** | White | 255 | |
| **106** | Red | 255 | |
| **107** | Green | 255 | |
| **108** | Blue | 255 | |
| **109** | White | 255 | |
| **110** | Red | 255 | |
| **111** | Green | 255 | |
| **112** | Blue | 255 | |
| **113** | White | 255 | |
| **114** | Red | 255 | |
| **115** | Green | 255 | |
| **116** | Blue | 255 | |

### Pixels - 30 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 117 | White | 255 | |
| 118 | Red | 255 | |
| 119 | Green | 255 | |
| 120 | Blue | 255 | |
| 121 | White | 255 | |
| 122 | Red | 255 | |
| 123 | Green | 255 | |
| 124 | Blue | 255 | |
| 125 | White | 255 | |
| 126 | Red | 255 | |
| 127 | Green | 255 | |
| 128 | Blue | 255 | |
| 129 | White | 255 | |

## Pixels - 36

153 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | Strobe Duration | 128 | |
| 4 | Strobe Rate | 0 | |
| 5 | Shutter1Strobe Effect | 3 | |
| 6 | C TO | 0 | |
| 7 | Tint | 128 | |
| 8 | C TCRGB | 255 | |
| 9 | Control1 | 0 | |
| 10 | Red | 255 | |
| 11 | Green | 255 | |
| 12 | Blue | 255 | |
| 13 | White | 255 | |
| 14 | Red | 255 | |
| 15 | Green | 255 | |
| 16 | Blue | 255 | |
| 17 | White | 255 | |
| 18 | Red | 255 | |
| 19 | Green | 255 | |
| 20 | Blue | 255 | |
| 21 | White | 255 | |
| 22 | Red | 255 | |
| 23 | Green | 255 | |
| 24 | Blue | 255 | |
| 25 | White | 255 | |
| 26 | Red | 255 | |
| 27 | Green | 255 | |
| 28 | Blue | 255 | |

## Pixels - 36 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **29** | White | 255 | |
| **30** | Red | 255 | |
| **31** | Green | 255 | |
| **32** | Blue | 255 | |
| **33** | White | 255 | |
| **34** | Red | 255 | |
| **35** | Green | 255 | |
| **36** | Blue | 255 | |
| **37** | White | 255 | |
| **38** | Red | 255 | |
| **39** | Green | 255 | |
| **40** | Blue | 255 | |
| **41** | White | 255 | |
| **42** | Red | 255 | |
| **43** | Green | 255 | |
| **44** | Blue | 255 | |
| **45** | White | 255 | |
| **46** | Red | 255 | |
| **47** | Green | 255 | |
| **48** | Blue | 255 | |
| **49** | White | 255 | |
| **50** | Red | 255 | |
| **51** | Green | 255 | |
| **52** | Blue | 255 | |
| **53** | White | 255 | |
| **54** | Red | 255 | |
| **55** | Green | 255 | |
| **56** | Blue | 255 | |
| **57** | White | 255 | |
| **58** | Red | 255 | |
| **59** | Green | 255 | |
| **60** | Blue | 255 | |
| **61** | White | 255 | |
| **62** | Red | 255 | |
| **63** | Green | 255 | |
| **64** | Blue | 255 | |
| **65** | White | 255 | |
| **66** | Red | 255 | |
| **67** | Green | 255 | |
| **68** | Blue | 255 | |
| **69** | White | 255 | |
| **70** | Red | 255 | |
| **71** | Green | 255 | |
| **72** | Blue | 255 | |
| **73** | White | 255 | |

## Pixels - 36 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **74** | Red | 255 | |
| **75** | Green | 255 | |
| **76** | Blue | 255 | |
| **77** | White | 255 | |
| **78** | Red | 255 | |
| **79** | Green | 255 | |
| **80** | Blue | 255 | |
| **81** | White | 255 | |
| **82** | Red | 255 | |
| **83** | Green | 255 | |
| **84** | Blue | 255 | |
| **85** | White | 255 | |
| **86** | Red | 255 | |
| **87** | Green | 255 | |
| **88** | Blue | 255 | |
| **89** | White | 255 | |
| **90** | Red | 255 | |
| **91** | Green | 255 | |
| **92** | Blue | 255 | |
| **93** | White | 255 | |
| **94** | Red | 255 | |
| **95** | Green | 255 | |
| **96** | Blue | 255 | |
| **97** | White | 255 | |
| **98** | Red | 255 | |
| **99** | Green | 255 | |
| **100** | Blue | 255 | |
| **101** | White | 255 | |
| **102** | Red | 255 | |
| **103** | Green | 255 | |
| **104** | Blue | 255 | |
| **105** | White | 255 | |
| **106** | Red | 255 | |
| **107** | Green | 255 | |
| **108** | Blue | 255 | |
| **109** | White | 255 | |
| **110** | Red | 255 | |
| **111** | Green | 255 | |
| **112** | Blue | 255 | |
| **113** | White | 255 | |
| **114** | Red | 255 | |
| **115** | Green | 255 | |
| **116** | Blue | 255 | |
| **117** | White | 255 | |
| **118** | Red | 255 | |

### Pixels - 36 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 119 | Green | 255 | |
| 120 | Blue | 255 | |
| 121 | White | 255 | |
| 122 | Red | 255 | |
| 123 | Green | 255 | |
| 124 | Blue | 255 | |
| 125 | White | 255 | |
| 126 | Red | 255 | |
| 127 | Green | 255 | |
| 128 | Blue | 255 | |
| 129 | White | 255 | |
| 130 | Red | 255 | |
| 131 | Green | 255 | |
| 132 | Blue | 255 | |
| 133 | White | 255 | |
| 134 | Red | 255 | |
| 135 | Green | 255 | |
| 136 | Blue | 255 | |
| 137 | White | 255 | |
| 138 | Red | 255 | |
| 139 | Green | 255 | |
| 140 | Blue | 255 | |
| 141 | White | 255 | |
| 142 | Red | 255 | |
| 143 | Green | 255 | |
| 144 | Blue | 255 | |
| 145 | White | 255 | |
| 146 | Red | 255 | |
| 147 | Green | 255 | |
| 148 | Blue | 255 | |
| 149 | White | 255 | |
| 150 | Red | 255 | |
| 151 | Green | 255 | |
| 152 | Blue | 255 | |
| 153 | White | 255 | |

## Basic - Pixel

241 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | White | 255 | |
| 5 | Reserved 5 | 0 | |
| 6 | Reserved 6 | 0 | |

## Basic - Pixel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **7** | Reserved 7 | 0 | |
| **8** | Reserved 8 | 0 | |
| **9** | Reserved 9 | 0 | |
| **10** | Reserved 10 | 0 | |
| **11** | Reserved 11 | 0 | |
| **12** | Reserved 12 | 0 | |
| **13** | Reserved 13 | 0 | |
| **14** | Reserved 14 | 0 | |
| **15** | Reserved 15 | 0 | |
| **16** | Reserved 16 | 0 | |
| **17** | Reserved 17 | 0 | |
| **18** | Reserved 18 | 0 | |
| **19** | Reserved 19 | 0 | |
| **20** | Reserved 20 | 0 | |
| **21** | Reserved 21 | 0 | |
| **22** | Reserved 22 | 0 | |
| **23** | Reserved 23 | 0 | |
| **24** | Reserved 24 | 0 | |
| **25** | Reserved 25 | 0 | |
| **26** | Reserved 26 | 0 | |
| **27** | Reserved 27 | 0 | |
| **28** | Reserved 28 | 0 | |
| **29** | Reserved 29 | 0 | |
| **30** | Reserved 30 | 0 | |
| **31** | Reserved 31 | 0 | |
| **32** | Reserved 32 | 0 | |
| **33** | Reserved 33 | 0 | |
| **34** | Reserved 34 | 0 | |
| **35** | Reserved 35 | 0 | |
| **36** | Reserved 36 | 0 | |
| **37** | Reserved 37 | 0 | |
| **38** | Reserved 38 | 0 | |
| **39** | Reserved 39 | 0 | |
| **40** | Reserved 40 | 0 | |
| **41** | Reserved 41 | 0 | |
| **42** | Reserved 42 | 0 | |
| **43** | Reserved 43 | 0 | |
| **44** | Reserved 44 | 0 | |
| **45** | Reserved 45 | 0 | |
| **46** | Reserved 46 | 0 | |
| **47** | Reserved 47 | 0 | |
| **48** | Reserved 48 | 0 | |
| **49** | Reserved 49 | 0 | |
| **50** | Reserved 50 | 0 | |
| **51** | Reserved 51 | 0 | |

## Basic - Pixel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **52** | Reserved 52 | 0 | |
| **53** | Reserved 53 | 0 | |
| **54** | Reserved 54 | 0 | |
| **55** | Reserved 55 | 0 | |
| **56** | Reserved 56 | 0 | |
| **57** | Reserved 57 | 0 | |
| **58** | Reserved 58 | 0 | |
| **59** | Reserved 59 | 0 | |
| **60** | Reserved 60 | 0 | |
| **61** | Reserved 61 | 0 | |
| **62** | Reserved 62 | 0 | |
| **63** | Reserved 63 | 0 | |
| **64** | Reserved 64 | 0 | |
| **65** | Reserved 65 | 0 | |
| **66** | Reserved 66 | 0 | |
| **67** | Reserved 67 | 0 | |
| **68** | Reserved 68 | 0 | |
| **69** | Reserved 69 | 0 | |
| **70** | Reserved 70 | 0 | |
| **71** | Reserved 71 | 0 | |
| **72** | Reserved 72 | 0 | |
| **73** | Reserved 73 | 0 | |
| **74** | Reserved 74 | 0 | |
| **75** | Reserved 75 | 0 | |
| **76** | Reserved 76 | 0 | |
| **77** | Reserved 77 | 0 | |
| **78** | Reserved 78 | 0 | |
| **79** | Reserved 79 | 0 | |
| **80** | Reserved 80 | 0 | |
| **81** | Reserved 81 | 0 | |
| **82** | Reserved 82 | 0 | |
| **83** | Reserved 83 | 0 | |
| **84** | Reserved 84 | 0 | |
| **85** | Reserved 85 | 0 | |
| **86** | Reserved 86 | 0 | |
| **87** | Reserved 87 | 0 | |
| **88** | Reserved 88 | 0 | |
| **89** | Reserved 89 | 0 | |
| **90** | Reserved 90 | 0 | |
| **91** | Reserved 91 | 0 | |
| **92** | Reserved 92 | 0 | |
| **93** | Reserved 93 | 0 | |
| **94** | Reserved 94 | 0 | |
| **95** | Reserved 95 | 0 | |
| **96** | Reserved 96 | 0 | |

## Basic - Pixel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **97** | Reserved 97 | 0 | |
| **98** | Reserved 98 | 0 | |
| **99** | Reserved 99 | 0 | |
| **100** | Reserved 100 | 0 | |
| **101** | Reserved 101 | 0 | |
| **102** | Reserved 102 | 0 | |
| **103** | Reserved 103 | 0 | |
| **104** | Reserved 104 | 0 | |
| **105** | Reserved 105 | 0 | |
| **106** | Reserved 106 | 0 | |
| **107** | Reserved 107 | 0 | |
| **108** | Reserved 108 | 0 | |
| **109** | Reserved 109 | 0 | |
| **110** | Reserved 110 | 0 | |
| **111** | Reserved 111 | 0 | |
| **112** | Reserved 112 | 0 | |
| **113** | Reserved 113 | 0 | |
| **114** | Reserved 114 | 0 | |
| **115** | Reserved 115 | 0 | |
| **116** | Reserved 116 | 0 | |
| **117** | Reserved 117 | 0 | |
| **118** | Reserved 118 | 0 | |
| **119** | Reserved 119 | 0 | |
| **120** | Reserved 120 | 0 | |
| **121** | Reserved 121 | 0 | |
| **122** | Reserved 122 | 0 | |
| **123** | Reserved 123 | 0 | |
| **124** | Reserved 124 | 0 | |
| **125** | Reserved 125 | 0 | |
| **126** | Reserved 126 | 0 | |
| **127** | Reserved 127 | 0 | |
| **128** | Reserved 128 | 0 | |
| **129** | Reserved 129 | 0 | |
| **130** | Reserved 130 | 0 | |
| **131** | Reserved 131 | 0 | |
| **132** | Reserved 132 | 0 | |
| **133** | Reserved 133 | 0 | |
| **134** | Reserved 134 | 0 | |
| **135** | Reserved 135 | 0 | |
| **136** | Reserved 136 | 0 | |
| **137** | Reserved 137 | 0 | |
| **138** | Reserved 138 | 0 | |
| **139** | Reserved 139 | 0 | |
| **140** | Reserved 140 | 0 | |
| **141** | Reserved 141 | 0 | |

## Basic - Pixel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **142** | Reserved 142 | 0 | |
| **143** | Reserved 143 | 0 | |
| **144** | Reserved 144 | 0 | |
| **145** | Reserved 145 | 0 | |
| **146** | Reserved 146 | 0 | |
| **147** | Reserved 147 | 0 | |
| **148** | Reserved 148 | 0 | |
| **149** | Reserved 149 | 0 | |
| **150** | Reserved 150 | 0 | |
| **151** | Reserved 151 | 0 | |
| **152** | Reserved 152 | 0 | |
| **153** | Reserved 153 | 0 | |
| **154** | Reserved 154 | 0 | |
| **155** | Reserved 155 | 0 | |
| **156** | Reserved 156 | 0 | |
| **157** | Reserved 157 | 0 | |
| **158** | Reserved 158 | 0 | |
| **159** | Reserved 159 | 0 | |
| **160** | Reserved 160 | 0 | |
| **161** | Reserved 161 | 0 | |
| **162** | Reserved 162 | 0 | |
| **163** | Reserved 163 | 0 | |
| **164** | Reserved 164 | 0 | |
| **165** | Reserved 165 | 0 | |
| **166** | Reserved 166 | 0 | |
| **167** | Reserved 167 | 0 | |
| **168** | Reserved 168 | 0 | |
| **169** | Reserved 169 | 0 | |
| **170** | Reserved 170 | 0 | |
| **171** | Reserved 171 | 0 | |
| **172** | Reserved 172 | 0 | |
| **173** | Reserved 173 | 0 | |
| **174** | Reserved 174 | 0 | |
| **175** | Reserved 175 | 0 | |
| **176** | Reserved 176 | 0 | |
| **177** | Reserved 177 | 0 | |
| **178** | Reserved 178 | 0 | |
| **179** | Reserved 179 | 0 | |
| **180** | Reserved 180 | 0 | |
| **181** | Reserved 181 | 0 | |
| **182** | Reserved 182 | 0 | |
| **183** | Reserved 183 | 0 | |
| **184** | Reserved 184 | 0 | |
| **185** | Reserved 185 | 0 | |
| **186** | Reserved 186 | 0 | |

## Basic - Pixel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **187** | Reserved 187 | 0 | |
| **188** | Reserved 188 | 0 | |
| **189** | Reserved 189 | 0 | |
| **190** | Reserved 190 | 0 | |
| **191** | Reserved 191 | 0 | |
| **192** | Reserved 192 | 0 | |
| **193** | Reserved 193 | 0 | |
| **194** | Reserved 194 | 0 | |
| **195** | Reserved 195 | 0 | |
| **196** | Reserved 196 | 0 | |
| **197** | Reserved 197 | 0 | |
| **198** | Reserved 198 | 0 | |
| **199** | Reserved 199 | 0 | |
| **200** | Reserved 200 | 0 | |
| **201** | Reserved 201 | 0 | |
| **202** | Reserved 202 | 0 | |
| **203** | Reserved 203 | 0 | |
| **204** | Reserved 204 | 0 | |
| **205** | Reserved 205 | 0 | |
| **206** | Reserved 206 | 0 | |
| **207** | Reserved 207 | 0 | |
| **208** | Reserved 208 | 0 | |
| **209** | Reserved 209 | 0 | |
| **210** | Reserved 210 | 0 | |
| **211** | Reserved 211 | 0 | |
| **212** | Reserved 212 | 0 | |
| **213** | Reserved 213 | 0 | |
| **214** | Reserved 214 | 0 | |
| **215** | Reserved 215 | 0 | |
| **216** | Reserved 216 | 0 | |
| **217** | Reserved 217 | 0 | |
| **218** | Reserved 218 | 0 | |
| **219** | Reserved 219 | 0 | |
| **220** | Reserved 220 | 0 | |
| **221** | Reserved 221 | 0 | |
| **222** | Reserved 222 | 0 | |
| **223** | Reserved 223 | 0 | |
| **224** | Reserved 224 | 0 | |
| **225** | Reserved 225 | 0 | |
| **226** | Reserved 226 | 0 | |
| **227** | Reserved 227 | 0 | |
| **228** | Reserved 228 | 0 | |
| **229** | Reserved 229 | 0 | |
| **230** | Reserved 230 | 0 | |
| **231** | Reserved 231 | 0 | |

### Basic - Pixel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **232** | Reserved 232 | 0 | |
| **233** | Reserved 233 | 0 | |
| **234** | Reserved 234 | 0 | |
| **235** | Reserved 235 | 0 | |
| **236** | Reserved 236 | 0 | |
| **237** | Reserved 237 | 0 | |
| **238** | Reserved 238 | 0 | |
| **239** | Reserved 239 | 0 | |
| **240** | Reserved 240 | 0 | |
| **241** | Control1 | 0 | |

## Advanced 4

269 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | |
| **2** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **3** | Dimmer | 255 | |
| **4** | Shutter / Strobe | 255 | 0–30 FG Closed<br>31–53 FG Strobe Slow<br>54–76 FG Strobe Med<br>77–100 FG Strobe Fast<br>101–130 FG Open 1<br>131–153 Random Strobe · FG Rand Slow 1–10.6 Hz<br>154–176 Random Strobe · FG Rand Med 11–20.6 Hz<br>177–200 Random Strobe · FG Rand Fast 21–31 Hz<br>201–255 FG Open 2 |
| **5** | Red | 255 | |
| **6** | Green | 255 | |
| **7** | Blue | 255 | |
| **8** | White | 255 | |
| **9** | Reserved 9 | 0 | |
| **10** | Reserved 10 | 0 | |
| **11** | Reserved 11 | 0 | |
| **12** | Reserved 12 | 0 | |
| **13** | Reserved 13 | 0 | |
| **14** | Reserved 14 | 0 | |
| **15** | Reserved 15 | 0 | |
| **16** | Reserved 16 | 0 | |
| **17** | Reserved 17 | 0 | |
| **18** | Reserved 18 | 0 | |
| **19** | Reserved 19 | 0 | |
| **20** | Reserved 20 | 0 | |
| **21** | Reserved 21 | 0 | |
| **22** | Reserved 22 | 0 | |
| **23** | Reserved 23 | 0 | |
| **24** | Reserved 24 | 0 | |
| **25** | Reserved 25 | 0 | |
| **26** | Reserved 26 | 0 | |

## Advanced 4 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **27** | Reserved 27 | 0 | |
| **28** | Reserved 28 | 0 | |
| **29** | Reserved 29 | 0 | |
| **30** | Reserved 30 | 0 | |
| **31** | Reserved 31 | 0 | |
| **32** | Reserved 32 | 0 | |
| **33** | Reserved 33 | 0 | |
| **34** | Reserved 34 | 0 | |
| **35** | Reserved 35 | 0 | |
| **36** | Reserved 36 | 0 | |
| **37** | Reserved 37 | 0 | |
| **38** | Reserved 38 | 0 | |
| **39** | Reserved 39 | 0 | |
| **40** | Reserved 40 | 0 | |
| **41** | Reserved 41 | 0 | |
| **42** | Reserved 42 | 0 | |
| **43** | Reserved 43 | 0 | |
| **44** | Reserved 44 | 0 | |
| **45** | Reserved 45 | 0 | |
| **46** | Reserved 46 | 0 | |
| **47** | Reserved 47 | 0 | |
| **48** | Reserved 48 | 0 | |
| **49** | Reserved 49 | 0 | |
| **50** | Reserved 50 | 0 | |
| **51** | Reserved 51 | 0 | |
| **52** | Reserved 52 | 0 | |
| **53** | Reserved 53 | 0 | |
| **54** | Reserved 54 | 0 | |
| **55** | Reserved 55 | 0 | |
| **56** | Reserved 56 | 0 | |
| **57** | Reserved 57 | 0 | |
| **58** | Reserved 58 | 0 | |
| **59** | Reserved 59 | 0 | |
| **60** | Reserved 60 | 0 | |
| **61** | Reserved 61 | 0 | |
| **62** | Reserved 62 | 0 | |
| **63** | Reserved 63 | 0 | |
| **64** | Reserved 64 | 0 | |
| **65** | Reserved 65 | 0 | |
| **66** | Reserved 66 | 0 | |
| **67** | Reserved 67 | 0 | |
| **68** | Reserved 68 | 0 | |
| **69** | Reserved 69 | 0 | |
| **70** | Reserved 70 | 0 | |
| **71** | Reserved 71 | 0 | |

## Advanced 4 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **72** | Reserved 72 | 0 | |
| **73** | Reserved 73 | 0 | |
| **74** | Reserved 74 | 0 | |
| **75** | Reserved 75 | 0 | |
| **76** | Reserved 76 | 0 | |
| **77** | Reserved 77 | 0 | |
| **78** | Reserved 78 | 0 | |
| **79** | Reserved 79 | 0 | |
| **80** | Reserved 80 | 0 | |
| **81** | Reserved 81 | 0 | |
| **82** | Reserved 82 | 0 | |
| **83** | Reserved 83 | 0 | |
| **84** | Reserved 84 | 0 | |
| **85** | Reserved 85 | 0 | |
| **86** | Reserved 86 | 0 | |
| **87** | Reserved 87 | 0 | |
| **88** | Reserved 88 | 0 | |
| **89** | Reserved 89 | 0 | |
| **90** | Reserved 90 | 0 | |
| **91** | Reserved 91 | 0 | |
| **92** | Reserved 92 | 0 | |
| **93** | Reserved 93 | 0 | |
| **94** | Reserved 94 | 0 | |
| **95** | Reserved 95 | 0 | |
| **96** | Reserved 96 | 0 | |
| **97** | Reserved 97 | 0 | |
| **98** | Reserved 98 | 0 | |
| **99** | Reserved 99 | 0 | |
| **100** | Reserved 100 | 0 | |
| **101** | Reserved 101 | 0 | |
| **102** | Reserved 102 | 0 | |
| **103** | Reserved 103 | 0 | |
| **104** | Reserved 104 | 0 | |
| **105** | Reserved 105 | 0 | |
| **106** | Reserved 106 | 0 | |
| **107** | Reserved 107 | 0 | |
| **108** | Reserved 108 | 0 | |
| **109** | Reserved 109 | 0 | |
| **110** | Reserved 110 | 0 | |
| **111** | Reserved 111 | 0 | |
| **112** | Reserved 112 | 0 | |
| **113** | Reserved 113 | 0 | |
| **114** | Reserved 114 | 0 | |
| **115** | Reserved 115 | 0 | |
| **116** | Reserved 116 | 0 | |

## Advanced 4 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **117** | Reserved 117 | 0 | |
| **118** | Reserved 118 | 0 | |
| **119** | Reserved 119 | 0 | |
| **120** | Reserved 120 | 0 | |
| **121** | Reserved 121 | 0 | |
| **122** | Reserved 122 | 0 | |
| **123** | Reserved 123 | 0 | |
| **124** | Reserved 124 | 0 | |
| **125** | Reserved 125 | 0 | |
| **126** | Reserved 126 | 0 | |
| **127** | Reserved 127 | 0 | |
| **128** | Reserved 128 | 0 | |
| **129** | Reserved 129 | 0 | |
| **130** | Reserved 130 | 0 | |
| **131** | Reserved 131 | 0 | |
| **132** | Reserved 132 | 0 | |
| **133** | Reserved 133 | 0 | |
| **134** | Reserved 134 | 0 | |
| **135** | Reserved 135 | 0 | |
| **136** | Reserved 136 | 0 | |
| **137** | Reserved 137 | 0 | |
| **138** | Reserved 138 | 0 | |
| **139** | Reserved 139 | 0 | |
| **140** | Reserved 140 | 0 | |
| **141** | Reserved 141 | 0 | |
| **142** | Reserved 142 | 0 | |
| **143** | Reserved 143 | 0 | |
| **144** | Reserved 144 | 0 | |
| **145** | Reserved 145 | 0 | |
| **146** | Reserved 146 | 0 | |
| **147** | Reserved 147 | 0 | |
| **148** | Reserved 148 | 0 | |
| **149** | Reserved 149 | 0 | |
| **150** | Reserved 150 | 0 | |
| **151** | Reserved 151 | 0 | |
| **152** | Reserved 152 | 0 | |
| **153** | Reserved 153 | 0 | |
| **154** | Reserved 154 | 0 | |
| **155** | Reserved 155 | 0 | |
| **156** | Reserved 156 | 0 | |
| **157** | Reserved 157 | 0 | |
| **158** | Reserved 158 | 0 | |
| **159** | Reserved 159 | 0 | |
| **160** | Reserved 160 | 0 | |
| **161** | Reserved 161 | 0 | |

## Advanced 4 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **162** | Reserved 162 | 0 | |
| **163** | Reserved 163 | 0 | |
| **164** | Reserved 164 | 0 | |
| **165** | Reserved 165 | 0 | |
| **166** | Reserved 166 | 0 | |
| **167** | Reserved 167 | 0 | |
| **168** | Reserved 168 | 0 | |
| **169** | Reserved 169 | 0 | |
| **170** | Reserved 170 | 0 | |
| **171** | Reserved 171 | 0 | |
| **172** | Reserved 172 | 0 | |
| **173** | Reserved 173 | 0 | |
| **174** | Reserved 174 | 0 | |
| **175** | Reserved 175 | 0 | |
| **176** | Reserved 176 | 0 | |
| **177** | Reserved 177 | 0 | |
| **178** | Reserved 178 | 0 | |
| **179** | Reserved 179 | 0 | |
| **180** | Reserved 180 | 0 | |
| **181** | Reserved 181 | 0 | |
| **182** | Reserved 182 | 0 | |
| **183** | Reserved 183 | 0 | |
| **184** | Reserved 184 | 0 | |
| **185** | Reserved 185 | 0 | |
| **186** | Reserved 186 | 0 | |
| **187** | Reserved 187 | 0 | |
| **188** | Reserved 188 | 0 | |
| **189** | Reserved 189 | 0 | |
| **190** | Reserved 190 | 0 | |
| **191** | Reserved 191 | 0 | |
| **192** | Reserved 192 | 0 | |
| **193** | Reserved 193 | 0 | |
| **194** | Reserved 194 | 0 | |
| **195** | Reserved 195 | 0 | |
| **196** | Reserved 196 | 0 | |
| **197** | Reserved 197 | 0 | |
| **198** | Reserved 198 | 0 | |
| **199** | Reserved 199 | 0 | |
| **200** | Reserved 200 | 0 | |
| **201** | Reserved 201 | 0 | |
| **202** | Reserved 202 | 0 | |
| **203** | Reserved 203 | 0 | |
| **204** | Reserved 204 | 0 | |
| **205** | Reserved 205 | 0 | |
| **206** | Reserved 206 | 0 | |

## Advanced 4 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **207** | Reserved 207 | 0 | |
| **208** | Reserved 208 | 0 | |
| **209** | Reserved 209 | 0 | |
| **210** | Reserved 210 | 0 | |
| **211** | Reserved 211 | 0 | |
| **212** | Reserved 212 | 0 | |
| **213** | Reserved 213 | 0 | |
| **214** | Reserved 214 | 0 | |
| **215** | Reserved 215 | 0 | |
| **216** | Reserved 216 | 0 | |
| **217** | Reserved 217 | 0 | |
| **218** | Reserved 218 | 0 | |
| **219** | Reserved 219 | 0 | |
| **220** | Reserved 220 | 0 | |
| **221** | Reserved 221 | 0 | |
| **222** | Reserved 222 | 0 | |
| **223** | Reserved 223 | 0 | |
| **224** | Reserved 224 | 0 | |
| **225** | Reserved 225 | 0 | |
| **226** | Reserved 226 | 0 | |
| **227** | Reserved 227 | 0 | |
| **228** | Reserved 228 | 0 | |
| **229** | Reserved 229 | 0 | |
| **230** | Reserved 230 | 0 | |
| **231** | Reserved 231 | 0 | |
| **232** | Reserved 232 | 0 | |
| **233** | Reserved 233 | 0 | |
| **234** | Reserved 234 | 0 | |
| **235** | Reserved 235 | 0 | |
| **236** | Reserved 236 | 0 | |
| **237** | Reserved 237 | 0 | |
| **238** | Reserved 238 | 0 | |
| **239** | Reserved 239 | 0 | |
| **240** | Reserved 240 | 0 | |
| **241** | Reserved 241 | 0 | |
| **242** | Reserved 242 | 0 | |
| **243** | Reserved 243 | 0 | |
| **244** | Reserved 244 | 0 | |
| **245** | C TO | 0 | |
| **246** | Tint | 128 | |
| **247** | C TCRGB | 255 | |
| **248** | Dimmer | 0 | |

## Advanced 4 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **249** | Shutter / Strobe 2 | 255 | 0–30 BG Closed<br>31–53 BG Strobe Slow<br>54–76 BG Strobe Med<br>77–100 BG Strobe Fast<br>101–130 BG Open 1<br>131–153 Random Strobe · BG Rand Slow 1–10.6 Hz<br>154–176 Random Strobe · BG Rand Med 11–20.6 Hz<br>177–200 Random Strobe · BG Rand Fast 21–31 Hz<br>201–255 BG Open 2 |
| **250** | Red | 255 | |
| **251** | Green | 255 | |
| **252** | Blue | 255 | |
| **253** | White | 255 | |
| **254** | Dimmer | 0 | |
| **255** | Shutter / Strobe 3 | 255 | 0–30 L1 Closed<br>31–53 L1 Strobe Slow<br>54–76 L1 Strobe Med<br>77–100 L1 Strobe Fast<br>101–130 L1 Open 1<br>131–153 Random Strobe · L1 Rand Slow 1–10.6 Hz<br>154–176 Random Strobe · L1 Rand Med 11–20.6 Hz<br>177–200 Random Strobe · L1 Rand Fast 21–31 Hz<br>201–255 L1 Open 2 |
| **256** | Red | 255 | |
| **257** | Green | 255 | |
| **258** | Blue | 255 | |
| **259** | White | 255 | |

## Advanced 4 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **260** | Effect 2 | 0 | 0–10 Open<br>11–12 FX 1<br>13–14 FX 2<br>15–16 FX 3<br>17–18 FX 4<br>19–20 FX 5<br>21–22 FX 6<br>23–24 FX 7<br>25–26 FX 8<br>27–28 FX 9<br>29–30 FX 10<br>31–32 FX 11<br>33–34 FX 12<br>35–36 FX 13<br>37–38 FX 14<br>39–40 FX 15<br>41–42 FX 16<br>43–44 FX 17<br>45–46 FX 18<br>47–48 FX 19<br>49–50 FX 20<br>51–52 FX 21<br>53–54 FX 22<br>55–56 FX 23<br>57–58 FX 24<br>59–60 FX 25<br>61–62 FX 26<br>63–64 FX 27<br>65–66 FX 28<br>67–68 FX 29<br>69–70 FX 30<br>71–72 FX 31<br>73–74 FX 32<br>75–76 FX 33<br>77–78 FX 34<br>79–80 FX 35<br>81–82 FX 36<br>83–131 Random Min<br>132–132 Random Max<br>133–133 FX 37<br>134–134 FX 38<br>135–135 FX 39<br>136–136 FX 40<br>137–137 FX 41<br>138–138 FX 42<br>139–139 FX 43<br>140–140 FX 44<br>141–141 FX 45<br>142–142 FX 46<br>143–143 FX 47<br>144–144 FX 48<br>145–145 FX 49<br>146–146 FX 50<br>147–147 FX 51<br>148–148 FX 52<br>149–149 FX 53<br>150–150 FX 54<br>151–151 FX 55<br>152–152 FX 56<br>153–153 FX 57<br>154–154 FX 58<br>155–155 FX 59<br>156–156 FX 60<br>157–157 FX 61 |

## Advanced 4 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **261** | Effect Speed 2 | 153 | |
| **262** | Effects Sync | 0 | |

## Advanced 4 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **263** | Effect | 0 | 0–10 Open<br>11–12 FX 1<br>13–14 FX 2<br>15–16 FX 3<br>17–18 FX 4<br>19–20 FX 5<br>21–22 FX 6<br>23–24 FX 7<br>25–26 FX 8<br>27–28 FX 9<br>29–30 FX 10<br>31–32 FX 11<br>33–34 FX 12<br>35–36 FX 13<br>37–38 FX 14<br>39–40 FX 15<br>41–42 FX 16<br>43–44 FX 17<br>45–46 FX 18<br>47–48 FX 19<br>49–50 FX 20<br>51–52 FX 21<br>53–54 FX 22<br>55–56 FX 23<br>57–58 FX 24<br>59–60 FX 25<br>61–62 FX 26<br>63–64 FX 27<br>65–66 FX 28<br>67–68 FX 29<br>69–70 FX 30<br>71–72 FX 31<br>73–74 FX 32<br>75–76 FX 33<br>77–78 FX 34<br>79–80 FX 35<br>81–82 FX 36<br>83–131 Random Min<br>132–132 Random Max<br>133–133 FX 37<br>134–134 FX 38<br>135–135 FX 39<br>136–136 FX 40<br>137–137 FX 41<br>138–138 FX 42<br>139–139 FX 43<br>140–140 FX 44<br>141–141 FX 45<br>142–142 FX 46<br>143–143 FX 47<br>144–144 FX 48<br>145–145 FX 49<br>146–146 FX 50<br>147–147 FX 51<br>148–148 FX 52<br>149–149 FX 53<br>150–150 FX 54<br>151–151 FX 55<br>152–152 FX 56<br>153–153 FX 57<br>154–154 FX 58<br>155–155 FX 59<br>156–156 FX 60<br>157–157 FX 61 |

## Advanced 4 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **264** | Effect Speed | 153 | |
| **265** | Effects Sync | 0 | |
| **266** | Effects1Fade | 0 | |
| **267** | No Feature | 0 | |
| **268** | No Feature | 0 | |
| **269** | Control1 | 0 | |