

Single Control Values

Single Control: Tour Mode (131Ch)

| Channel | Function | Value | Percent/Setting |
|-----------|--------------------------|-----------|---------------------------------------|
| 1 | Pan | 000 ⇔ 255 | 0–100% |
| 2 | Pan Fine | 000 ⇔ 255 | 0–100% |
| 3 | Tilt | 000 ⇔ 255 | 0–100% |
| 4 | Tilt Fine | 000 ⇔ 255 | 0–100% |
| 5 | Continuous Pan | 000 | No function |
| | | 001 ⇔ 127 | Continuous pan, fast to slow |
| | | 128 | No function |
| 6 | Continuous Tilt | 129 ⇔ 255 | Reverse continuous pan, slow to fast |
| | | 000 | No function |
| | | 001 ⇔ 127 | Continuous tilt, fast to slow |
| 7 | Pan/Tilt Speed | 128 | No function |
| | | 129 ⇔ 255 | Reverse continuous tilt, slow to fast |
| | | 000 ⇔ 255 | Fast to slow |
| 8 | CTC | 000 | No function |
| | | 001 ⇔ 255 | Color temperature, 2800–10000 K |
| 9 | Ring Color | 000 | No function |
| | | 001 ⇔ 002 | 2700K R = 156 G = 118 B = 0 W = 63 |
| | | 003 ⇔ 004 | 3200K R = 156 G = 141 B = 5 W = 89 |
| | | 005 ⇔ 006 | 4200K R = 156 G = 141 B = 14 W = 255 |
| | | 007 ⇔ 008 | 5600K R = 156 G = 207 B = 54 W = 255 |
| | | 009 ⇔ 010 | 8000K R = 130 G = 255 B = 96 W = 255 |
| | | 011 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 012 ⇔ 048 | + Green R = 0 G = 0–255 B = 255 W = 0 |
| | | 049 | Cyan R = 0 G = 255 B = 255 W = 0 |
| | | 050 ⇔ 086 | - Blue R = 0 G = 255 B = 255–0 W = 0 |
| | | 087 | Green R = 0 G = 255 B = 0 W = 0 |
| | | 088 ⇔ 124 | + Red R = 0–255 G = 255 B = 0 W = 0 |
| | | 125 | Yellow R = 255 G = 255 B = 0 W = 0 |
| | | 126 ⇔ 162 | - Green R = 255 G = 255–0 B = 0 W = 0 |
| | | 163 | Red R = 255 G = 0 B = 0 W = 0 |
| | | 164 ⇔ 200 | + Blue R = 255 G = 0 B = 0–255 W = 0 |
| | | 201 | Magenta R = 255 G = 0 B = 255 W = 0 |
| | | 202 ⇔ 238 | - Red R = 255–0 G = 0 B = 255 W = 0 |
| | | 239 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 240 ⇔ 247 | Color fade, fast to slow |
| 248 ⇔ 255 | Color snap, fast to slow | | |

| Channel | Function | Value | Percent/Setting |
|-----------|--------------------------------|-----------|---|
| 10 | Beam Color | 000 | No function |
| | | 001 ⇄ 002 | 2700K R = 156 G = 118 B = 0 W = 63 |
| | | 003 ⇄ 004 | 3200K R = 156 G = 141 B = 5 W = 89 |
| | | 005 ⇄ 006 | 4200K R = 156 G = 141 B = 14 W = 255 |
| | | 007 ⇄ 008 | 5600K R = 156 G = 207 B = 54 W = 255 |
| | | 009 ⇄ 010 | 8000K R = 130 G = 255 B = 96 W = 255 |
| | | 011 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 012 ⇄ 048 | + Green R = 0 G = 0-255 B = 255 W = 0 |
| | | 049 | Cyan R = 0 G = 255 B = 255 W = 0 |
| | | 050 ⇄ 086 | - Blue R = 0 G = 255 B = 255-0 W = 0 |
| | | 087 | Green R = 0 G = 255 B = 0 W = 0 |
| | | 088 ⇄ 124 | + Red R = 0-255 G = 255 B = 0 W = 0 |
| | | 125 | Yellow R = 255 G = 255 B = 0 W = 0 |
| | | 126 ⇄ 162 | - Green R = 255 G = 255-0 B = 0 W = 0 |
| | | 163 | Red R = 255 G = 0 B = 0 W = 0 |
| | | 164 ⇄ 200 | + Blue R = 255 G = 0 B = 0-255 W = 0 |
| | | 201 | Magenta R = 255 G = 0 B = 255 W = 0 |
| | | 202 ⇄ 238 | - Red R = 255-0 G = 0 B = 255 W = 0 |
| | | 239 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 240 ⇄ 247 | Color fade, fast to slow |
| 248 ⇄ 255 | Color snap, fast to slow | | |
| 11 | Gobo | 000 | No function |
| | | 001 ⇄ 255 | Gobos (indexed) |
| 12 | LED Macro / Auto Program | 000 ⇄ 015 | No function |
| | | 016 ⇄ 135 | LED macros |
| | | 136 ⇄ 255 | Auto programs |
| 13 | LED Macro / Auto Program Speed | 000 ⇄ 127 | Auto speed, fast to slow, clockwise |
| | | 128 | Hold |
| | | 129 ⇄ 255 | Auto speed, slow to fast, counter-clockwise |
| 14 | LED Built-in Delay | 000 ⇄ 255 | Fast to slow |
| 15 | Background Color | 000 | No function |
| | | 001 ⇄ 002 | 2700K R = 156 G = 118 B = 0 W = 63 |
| | | 003 ⇄ 004 | 3200K R = 156 G = 141 B = 5 W = 89 |
| | | 005 ⇄ 006 | 4200K R = 156 G = 141 B = 14 W = 255 |
| | | 007 ⇄ 008 | 5600K R = 156 G = 207 B = 54 W = 255 |
| | | 009 ⇄ 010 | 8000K R = 130 G = 255 B = 96 W = 255 |
| | | 011 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 012 ⇄ 048 | + Green R = 0 G = 0-255 B = 255 W = 0 |
| | | 049 | Cyan R = 0 G = 255 B = 255 W = 0 |
| | | 050 ⇄ 086 | - Blue R = 0 G = 255 B = 255-0 W = 0 |
| | | 087 | Green R = 0 G = 255 B = 0 W = 0 |
| | | 088 ⇄ 124 | + Red R = 0-255 G = 255 B = 0 W = 0 |
| | | 125 | Yellow R = 255 G = 255 B = 0 W = 0 |
| | | 126 ⇄ 162 | - Green R = 255 G = 255-0 B = 0 W = 0 |
| | | 163 | Red R = 255 G = 0 B = 0 W = 0 |
| | | 164 ⇄ 200 | + Blue R = 255 G = 0 B = 0-255 W = 0 |
| | | 201 | Magenta R = 255 G = 0 B = 255 W = 0 |
| | | 202 ⇄ 238 | - Red R = 255-0 G = 0 B = 255 W = 0 |
| | | 239 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 240 ⇄ 247 | Color fade, fast to slow |
| 248 ⇄ 255 | Color snap, fast to slow | | |
| 16 | Background Dimmer | 000 ⇄ 255 | 0-100% |
| 17 | Background Fine Dimmer | 000 ⇄ 255 | 0-100% |
| 18 | Main Dimmer | 000 ⇄ 255 | 0-100% |
| 19 | Main Fine Dimmer | 000 ⇄ 255 | 0-100% |

| Channel | Function | Value | Percent/Setting |
|-----------|-------------------------|-----------|--------------------------------------|
| 20 | Ring Shutter | 000 ⇄ 019 | Off |
| | | 020 ⇄ 024 | On |
| | | 025 ⇄ 069 | Strobe, fast to slow |
| | | 070 ⇄ 089 | Strobe 100–0%, fast to slow |
| | | 090 ⇄ 109 | Strobe 0–100%, fast to slow |
| | | 110 ⇄ 129 | Random strobe, fast to slow |
| | | 130 ⇄ 149 | Random strobe 100–0%, fast to slow |
| | | 150 ⇄ 169 | Random strobe 0–100%, fast to slow |
| | | 170 ⇄ 189 | Pulse strobe, fast to slow |
| | | 190 ⇄ 209 | Random pulse strobe, fast to slow |
| | | 210 ⇄ 229 | Strobe 0–100–0%, fast to slow |
| | | 230 ⇄ 244 | Random pulse strobe, fast to slow |
| | | 245 ⇄ 255 | On |
| 21 | Beam Shutter | 000 ⇄ 019 | Off |
| | | 020 ⇄ 024 | On |
| | | 025 ⇄ 069 | Strobe, fast to slow |
| | | 070 ⇄ 089 | Strobe 100–0%, fast to slow |
| | | 090 ⇄ 109 | Strobe 0–100%, fast to slow |
| | | 110 ⇄ 129 | Random strobe, fast to slow |
| | | 130 ⇄ 149 | Random strobe 100–0%, fast to slow |
| | | 150 ⇄ 169 | Random strobe 0–100%, fast to slow |
| | | 170 ⇄ 189 | Pulse strobe, fast to slow |
| | | 190 ⇄ 209 | Random pulse strobe, fast to slow |
| | | 210 ⇄ 229 | Strobe 0–100–0%, fast to slow |
| | | 230 ⇄ 244 | Random pulse strobe, fast to slow |
| | | 245 ⇄ 255 | On |
| 22 | Zoom | 000 ⇄ 255 | Wide to narrow |
| 23 | Control | 000 ⇄ 009 | No function |
| | | 010 ⇄ 014 | Blackout on Pan/Tilt |
| | | 015 ⇄ 019 | Reserved for future use |
| | | 020 ⇄ 024 | RGBW (additive) color mixing mode |
| | | 025 ⇄ 029 | CMY (subtractive) color mixing mode |
| | | 030 ⇄ 049 | Reserved for future use |
| | | 050 ⇄ 054 | Pan reset |
| | | 055 ⇄ 059 | Tilt reset |
| | | 060 ⇄ 064 | Zoom reset |
| | | 065 ⇄ 069 | Reserved for future use |
| | | 070 ⇄ 074 | Reset all |
| | | 075 ⇄ 109 | Reserved for future use |
| | | 110 ⇄ 114 | Fast Pan/Tilt speed |
| | | 115 ⇄ 119 | Slow Pan/tilt speed |
| | | 120 ⇄ 124 | Slow fan mode |
| | | 125 ⇄ 129 | Full fan mode |
| | | 130 ⇄ 134 | Auto fan mode |
| | | 135 ⇄ 139 | Fast dimmer mode |
| 140 ⇄ 144 | Slow dimmer mode | | |
| 145 ⇄ 255 | Reserved for future use | | |
| 24 | Main Red | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 25 | Main Fine Red | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 26 | Main Green | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 27 | Main Fine Green | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 28 | Main Blue | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 29 | Main Fine Blue | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 30 | Main White | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 31 | Main Fine White | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

| Channel | Function | Value | Percent/Setting |
|---------|---------------|-----------|--------------------------------------|
| 32 | Dimmer 1 | 000 ⇄ 255 | 0–100% |
| 33 | Fine Dimmer 1 | 000 ⇄ 255 | 0–100% |
| 34 | Red 1 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 35 | Fine Red 1 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 36 | Green 1 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 37 | Fine Green 1 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 38 | Blue 1 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 39 | Fine Blue 1 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 40 | White 1 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 41 | Fine White 1 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 42 | Dimmer 2 | 000 ⇄ 255 | 0–100% |
| 43 | Fine Dimmer 2 | 000 ⇄ 255 | 0–100% |
| 44 | Red 2 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 45 | Fine Red 2 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 46 | Green 2 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 47 | Fine Green 2 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 48 | Blue 2 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 49 | Fine Blue 2 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 50 | White 2 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 51 | Fine White 2 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 52 | Dimmer 3 | 000 ⇄ 255 | 0–100% |
| 53 | Fine Dimmer 3 | 000 ⇄ 255 | 0–100% |
| 54 | Red 3 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 55 | Fine Red 3 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 56 | Green 3 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 57 | Fine Green 3 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 58 | Blue 3 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 59 | Fine Blue 3 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 60 | White 3 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 61 | Fine White 3 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 62 | Dimmer 4 | 000 ⇄ 255 | 0–100% |
| 63 | Fine Dimmer 4 | 000 ⇄ 255 | 0–100% |
| 64 | Red 4 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 65 | Fine Red 4 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 66 | Green 4 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 67 | Fine Green 4 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 68 | Blue 4 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 69 | Fine Blue 4 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 70 | White 4 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 71 | Fine White 4 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 72 | Dimmer 5 | 000 ⇄ 255 | 0–100% |
| 73 | Fine Dimmer 5 | 000 ⇄ 255 | 0–100% |
| 74 | Red 5 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 75 | Fine Red 5 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 76 | Green 5 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 77 | Fine Green 5 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 78 | Blue 5 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 79 | Fine Blue 5 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 80 | White 5 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 81 | Fine White 5 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 82 | Dimmer 6 | 000 ⇄ 255 | 0–100% |
| 83 | Fine Dimmer 6 | 000 ⇄ 255 | 0–100% |
| 84 | Red 6 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 85 | Fine Red 6 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

| Channel | Function | Value | Percent/Setting |
|---------|----------------|-----------|--------------------------------------|
| 86 | Green 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 87 | Fine Green 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 88 | Blue 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 89 | Fine Blue 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 90 | White 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 91 | Fine White 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 92 | Dimmer 7 | 000 ⇔ 255 | 0–100% |
| 93 | Fine Dimmer 7 | 000 ⇔ 255 | 0–100% |
| 94 | Red 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 95 | Fine Red 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 96 | Green 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 97 | Fine Green 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 98 | Blue 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 99 | Fine Blue 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 100 | White 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 101 | Fine White 7 | 000 ⇔ 255 | 0–100% |
| 102 | Dimmer 8 | 000 ⇔ 255 | 0–100% |
| 103 | Fine Dimmer 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 104 | Red 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 105 | Fine Red 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 106 | Green 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 107 | Fine Green 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 108 | Blue 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 109 | Fine Blue 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 110 | White 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 111 | Fine White 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 112 | Dimmer 9 | 000 ⇔ 255 | 0–100% |
| 113 | Fine Dimmer 9 | 000 ⇔ 255 | 0–100% |
| 114 | Red 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 115 | Fine Red 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 116 | Green 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 117 | Fine Green 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 118 | Blue 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 119 | Fine Blue 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 120 | White 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 121 | Fine White 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 122 | Dimmer 10 | 000 ⇔ 255 | 0–100% |
| 123 | Fine Dimmer 10 | 000 ⇔ 255 | 0–100% |
| 124 | Red 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 125 | Fine Red 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 126 | Green 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 127 | Fine Green 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 128 | Blue 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 129 | Fine Blue 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 130 | White 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 131 | Fine White 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

Single Control: Advanced Mode (113Ch)

| Channel | Function | Value | Percent/Setting |
|-----------|--------------------------|-----------|---------------------------------------|
| 1 | Pan | 000 ⇔ 255 | 0–100% |
| 2 | Pan Fine | 000 ⇔ 255 | 0–100% |
| 3 | Tilt | 000 ⇔ 255 | 0–100% |
| 4 | Tilt Fine | 000 ⇔ 255 | 0–100% |
| 5 | Continuous Pan | 000 | No function |
| | | 001 ⇔ 127 | Continuous pan, fast to slow |
| | | 128 | No function |
| | | 129 ⇔ 255 | Reverse continuous pan, slow to fast |
| 6 | Continuous Tilt | 000 | No function |
| | | 001 ⇔ 127 | Continuous tilt, fast to slow |
| | | 128 | No function |
| | | 129 ⇔ 255 | Reverse continuous tilt, slow to fast |
| 7 | Pan/Tilt Speed | 000 ⇔ 255 | Fast to slow |
| 8 | CTC | 000 | No function |
| | | 001 ⇔ 255 | Color temperature, 2800–10000 K |
| 9 | Ring Color | 000 | No function |
| | | 001 ⇔ 002 | 2700K R = 156 G = 118 B = 0 W = 63 |
| | | 003 ⇔ 004 | 3200K R = 156 G = 141 B = 5 W = 89 |
| | | 005 ⇔ 006 | 4200K R = 156 G = 141 B = 14 W = 255 |
| | | 007 ⇔ 008 | 5600K R = 156 G = 207 B = 54 W = 255 |
| | | 009 ⇔ 010 | 8000K R = 130 G = 255 B = 96 W = 255 |
| | | 011 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 012 ⇔ 048 | + Green R = 0 G = 0–255 B = 255 W = 0 |
| | | 049 | Cyan R = 0 G = 255 B = 255 W = 0 |
| | | 050 ⇔ 086 | - Blue R = 0 G = 255 B = 255–0 W = 0 |
| | | 087 | Green R = 0 G = 255 B = 0 W = 0 |
| | | 088 ⇔ 124 | + Red R = 0–255 G = 255 B = 0 W = 0 |
| | | 125 | Yellow R = 255 G = 255 B = 0 W = 0 |
| | | 126 ⇔ 162 | - Green R = 255 G = 255–0 B = 0 W = 0 |
| | | 163 | Red R = 255 G = 0 B = 0 W = 0 |
| | | 164 ⇔ 200 | + Blue R = 255 G = 0 B = 0–255 W = 0 |
| | | 201 | Magenta R = 255 G = 0 B = 255 W = 0 |
| | | 202 ⇔ 238 | - Red R = 255–0 G = 0 B = 255 W = 0 |
| | | 239 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 240 ⇔ 247 | Color fade, fast to slow |
| 248 ⇔ 255 | Color snap, fast to slow | | |

| Channel | Function | Value | Percent/Setting |
|-----------|--------------------------------|-----------|---|
| 10 | Beam Color | 000 | No function |
| | | 001 ⇔ 002 | 2700K R = 156 G = 118 B = 0 W = 63 |
| | | 003 ⇔ 004 | 3200K R = 156 G = 141 B = 5 W = 89 |
| | | 005 ⇔ 006 | 4200K R = 156 G = 141 B = 14 W = 255 |
| | | 007 ⇔ 008 | 5600K R = 156 G = 207 B = 54 W = 255 |
| | | 009 ⇔ 010 | 8000K R = 130 G = 255 B = 96 W = 255 |
| | | 011 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 012 ⇔ 048 | + Green R = 0 G = 0-255 B = 255 W = 0 |
| | | 049 | Cyan R = 0 G = 255 B = 255 W = 0 |
| | | 050 ⇔ 086 | - Blue R = 0 G = 255 B = 255-0 W = 0 |
| | | 087 | Green R = 0 G = 255 B = 0 W = 0 |
| | | 088 ⇔ 124 | + Red R = 0-255 G = 255 B = 0 W = 0 |
| | | 125 | Yellow R = 255 G = 255 B = 0 W = 0 |
| | | 126 ⇔ 162 | - Green R = 255 G = 255-0 B = 0 W = 0 |
| | | 163 | Red R = 255 G = 0 B = 0 W = 0 |
| | | 164 ⇔ 200 | + Blue R = 255 G = 0 B = 0-255 W = 0 |
| | | 201 | Magenta R = 255 G = 0 B = 255 W = 0 |
| | | 202 ⇔ 238 | - Red R = 255-0 G = 0 B = 255 W = 0 |
| | | 239 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 240 ⇔ 247 | Color fade, fast to slow |
| 248 ⇔ 255 | Color snap, fast to slow | | |
| 11 | Gobo | 000 | No function |
| | | 001 ⇔ 255 | Gobos (indexed) |
| 12 | LED Macro / Auto Program | 000 ⇔ 015 | No function |
| | | 016 ⇔ 135 | LED macros |
| | | 136 ⇔ 255 | Auto programs |
| 13 | LED Macro / Auto Program Speed | 000 ⇔ 127 | Auto speed, fast to slow, clockwise |
| | | 128 | Hold |
| | | 129 ⇔ 255 | Auto speed, slow to fast, counter-clockwise |
| 14 | LED Built-in Delay | 000 ⇔ 255 | Fast to slow |
| 15 | Background Color | 000 | No function |
| | | 001 ⇔ 002 | 2700K R = 156 G = 118 B = 0 W = 63 |
| | | 003 ⇔ 004 | 3200K R = 156 G = 141 B = 5 W = 89 |
| | | 005 ⇔ 006 | 4200K R = 156 G = 141 B = 14 W = 255 |
| | | 007 ⇔ 008 | 5600K R = 156 G = 207 B = 54 W = 255 |
| | | 009 ⇔ 010 | 8000K R = 130 G = 255 B = 96 W = 255 |
| | | 011 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 012 ⇔ 048 | + Green R = 0 G = 0-255 B = 255 W = 0 |
| | | 049 | Cyan R = 0 G = 255 B = 255 W = 0 |
| | | 050 ⇔ 086 | - Blue R = 0 G = 255 B = 255-0 W = 0 |
| | | 087 | Green R = 0 G = 255 B = 0 W = 0 |
| | | 088 ⇔ 124 | + Red R = 0-255 G = 255 B = 0 W = 0 |
| | | 125 | Yellow R = 255 G = 255 B = 0 W = 0 |
| | | 126 ⇔ 162 | - Green R = 255 G = 255-0 B = 0 W = 0 |
| | | 163 | Red R = 255 G = 0 B = 0 W = 0 |
| | | 164 ⇔ 200 | + Blue R = 255 G = 0 B = 0-255 W = 0 |
| | | 201 | Magenta R = 255 G = 0 B = 255 W = 0 |
| | | 202 ⇔ 238 | - Red R = 255-0 G = 0 B = 255 W = 0 |
| | | 239 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 240 ⇔ 247 | Color fade, fast to slow |
| 248 ⇔ 255 | Color snap, fast to slow | | |
| 16 | Background Dimmer | 000 ⇔ 255 | 0-100% |
| 17 | Background Fine Dimmer | 000 ⇔ 255 | 0-100% |
| 18 | Ring Dimmer | 000 ⇔ 255 | 0-100% |
| 19 | Ring Fine Dimmer | 000 ⇔ 255 | 0-100% |

| Channel | Function | Value | Percent/Setting |
|-----------|-------------------------|-----------|--------------------------------------|
| 20 | Beam Dimmer | 000 ⇄ 255 | 0–100% |
| 21 | Beam Fine Dimmer | 000 ⇄ 255 | 0–100% |
| 22 | Ring Shutter | 000 ⇄ 019 | Off |
| | | 020 ⇄ 024 | On |
| | | 025 ⇄ 069 | Strobe, fast to slow |
| | | 070 ⇄ 089 | Strobe 100–0%, fast to slow |
| | | 090 ⇄ 109 | Strobe 0–100%, fast to slow |
| | | 110 ⇄ 129 | Random strobe, fast to slow |
| | | 130 ⇄ 149 | Random strobe 100–0%, fast to slow |
| | | 150 ⇄ 169 | Random strobe 0–100%, fast to slow |
| | | 170 ⇄ 189 | Pulse strobe, fast to slow |
| | | 190 ⇄ 209 | Random pulse strobe, fast to slow |
| | | 210 ⇄ 229 | Strobe 0–100–0%, fast to slow |
| | | 230 ⇄ 244 | Random pulse strobe, fast to slow |
| 245 ⇄ 255 | On | | |
| 23 | Beam Shutter | 000 ⇄ 019 | Off |
| | | 020 ⇄ 024 | On |
| | | 025 ⇄ 069 | Strobe, fast to slow |
| | | 070 ⇄ 089 | Strobe 100–0%, fast to slow |
| | | 090 ⇄ 109 | Strobe 0–100%, fast to slow |
| | | 110 ⇄ 129 | Random strobe, fast to slow |
| | | 130 ⇄ 149 | Random strobe 100–0%, fast to slow |
| | | 150 ⇄ 169 | Random strobe 0–100%, fast to slow |
| | | 170 ⇄ 189 | Pulse strobe, fast to slow |
| | | 190 ⇄ 209 | Random pulse strobe, fast to slow |
| | | 210 ⇄ 229 | Strobe 0–100–0%, fast to slow |
| | | 230 ⇄ 244 | Random pulse strobe, fast to slow |
| 245 ⇄ 255 | On | | |
| 24 | Zoom | 000 ⇄ 255 | Wide to narrow |
| 25 | Control | 000 ⇄ 009 | No function |
| | | 010 ⇄ 014 | Blackout on Pan/Tilt |
| | | 015 ⇄ 019 | Reserved for future use |
| | | 020 ⇄ 024 | RGBW (additive) color mixing mode |
| | | 025 ⇄ 029 | CMY (subtractive) color mixing mode |
| | | 030 ⇄ 049 | Reserved for future use |
| | | 050 ⇄ 054 | Pan reset |
| | | 055 ⇄ 059 | Tilt reset |
| | | 060 ⇄ 064 | Zoom reset |
| | | 065 ⇄ 069 | Reserved for future use |
| | | 070 ⇄ 074 | Reset all |
| | | 075 ⇄ 109 | Reserved for future use |
| | | 110 ⇄ 114 | Fast Pan/Tilt speed |
| | | 115 ⇄ 119 | Slow Pan/tilt speed |
| | | 120 ⇄ 124 | Slow fan mode |
| | | 125 ⇄ 129 | Full fan mode |
| | | 130 ⇄ 134 | Auto fan mode |
| 135 ⇄ 139 | Fast dimmer mode | | |
| 140 ⇄ 144 | Slow dimmer mode | | |
| 145 ⇄ 255 | Reserved for future use | | |
| 26 | Main Red | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 27 | Main Fine Red | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 28 | Main Green | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 29 | Main Fine Green | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 30 | Main Blue | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 31 | Main Fine Blue | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

| Channel | Function | Value | Percent/Setting |
|---------|-----------------|-----------|--------------------------------------|
| 32 | Main White | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 33 | Main Fine White | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 34 | Red 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 35 | Fine Red 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 36 | Green 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 37 | Fine Green 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 38 | Blue 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 39 | Fine Blue 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 40 | White 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 41 | Fine White 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 42 | Red 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 43 | Fine Red 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 44 | Green 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 45 | Fine Green 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 46 | Blue 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 47 | Fine Blue 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 48 | White 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 49 | Fine White 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 50 | Red 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 51 | Fine Red 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 52 | Green 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 53 | Fine Green 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 54 | Blue 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 55 | Fine Blue 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 56 | White 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 57 | Fine White 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 58 | Red 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 59 | Fine Red 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 60 | Green 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 61 | Fine Green 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 62 | Blue 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 63 | Fine Blue 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 64 | White 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 65 | Fine White 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 66 | Red 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 67 | Fine Red 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 68 | Green 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 69 | Fine Green 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 70 | Blue 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 71 | Fine Blue 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 72 | White 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 73 | Fine White 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 74 | Red 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 75 | Fine Red 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 76 | Green 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 77 | Fine Green 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 78 | Blue 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 79 | Fine Blue 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 80 | White 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 81 | Fine White 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 82 | Red 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 83 | Fine Red 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 84 | Green 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 85 | Fine Green 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

| Channel | Function | Value | Percent/Setting |
|---------|---------------|-----------|--------------------------------------|
| 86 | Blue 7 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 87 | Fine Blue 7 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 88 | White 7 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 89 | Fine White 7 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 90 | Red 8 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 91 | Fine Red 8 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 92 | Green 8 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 93 | Fine Green 8 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 94 | Blue 8 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 95 | Fine Blue 8 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 96 | White 8 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 97 | Fine White 8 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 98 | Red 9 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 99 | Fine Red 9 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 100 | Green 9 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 101 | Fine Green 9 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 102 | Blue 9 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 103 | Fine Blue 9 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 104 | White 9 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 105 | Fine White 9 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 106 | Red 10 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 107 | Fine Red 10 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 108 | Green 10 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 109 | Fine Green 10 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 110 | Blue 10 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 111 | Fine Blue 10 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 112 | White 10 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 113 | Fine White 10 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

Single Control: Standard Mode (66Ch)

| Channel | Function | Value | Percent/Setting |
|-----------|--------------------------|-----------|---------------------------------------|
| 1 | Pan | 000 ⇔ 255 | 0–100% |
| 2 | Pan Fine | 000 ⇔ 255 | 0–100% |
| 3 | Tilt | 000 ⇔ 255 | 0–100% |
| 4 | Tilt Fine | 000 ⇔ 255 | 0–100% |
| 5 | Continuous Pan | 000 | No function |
| | | 001 ⇔ 127 | Continuous pan, fast to slow |
| | | 128 | No function |
| | | 129 ⇔ 255 | Reverse continuous pan, slow to fast |
| 6 | Continuous Tilt | 000 | No function |
| | | 001 ⇔ 127 | Continuous tilt, fast to slow |
| | | 128 | No function |
| | | 129 ⇔ 255 | Reverse continuous tilt, slow to fast |
| 7 | Pan/Tilt Speed | 000 ⇔ 255 | Fast to slow |
| 8 | CTC | 000 | No function |
| | | 001 ⇔ 255 | Color temperature, 2800–10000 K |
| 9 | Ring Color | 000 | No function |
| | | 001 ⇔ 002 | 2700K R = 156 G = 118 B = 0 W = 63 |
| | | 003 ⇔ 004 | 3200K R = 156 G = 141 B = 5 W = 89 |
| | | 005 ⇔ 006 | 4200K R = 156 G = 141 B = 14 W = 255 |
| | | 007 ⇔ 008 | 5600K R = 156 G = 207 B = 54 W = 255 |
| | | 009 ⇔ 010 | 8000K R = 130 G = 255 B = 96 W = 255 |
| | | 011 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 012 ⇔ 048 | + Green R = 0 G = 0–255 B = 255 W = 0 |
| | | 049 | Cyan R = 0 G = 255 B = 255 W = 0 |
| | | 050 ⇔ 086 | - Blue R = 0 G = 255 B = 255–0 W = 0 |
| | | 087 | Green R = 0 G = 255 B = 0 W = 0 |
| | | 088 ⇔ 124 | + Red R = 0–255 G = 255 B = 0 W = 0 |
| | | 125 | Yellow R = 255 G = 255 B = 0 W = 0 |
| | | 126 ⇔ 162 | - Green R = 255 G = 255–0 B = 0 W = 0 |
| | | 163 | Red R = 255 G = 0 B = 0 W = 0 |
| | | 164 ⇔ 200 | + Blue R = 255 G = 0 B = 0–255 W = 0 |
| | | 201 | Magenta R = 255 G = 0 B = 255 W = 0 |
| | | 202 ⇔ 238 | - Red R = 255–0 G = 0 B = 255 W = 0 |
| | | 239 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 240 ⇔ 247 | Color fade, fast to slow |
| 248 ⇔ 255 | Color snap, fast to slow | | |

| Channel | Function | Value | Percent/Setting |
|-----------|--------------------------------|-----------|---|
| 10 | Beam Color | 000 | No function |
| | | 001 ⇄ 002 | 2700K R = 156 G = 118 B = 0 W = 63 |
| | | 003 ⇄ 004 | 3200K R = 156 G = 141 B = 5 W = 89 |
| | | 005 ⇄ 006 | 4200K R = 156 G = 141 B = 14 W = 255 |
| | | 007 ⇄ 008 | 5600K R = 156 G = 207 B = 54 W = 255 |
| | | 009 ⇄ 010 | 8000K R = 130 G = 255 B = 96 W = 255 |
| | | 011 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 012 ⇄ 048 | + Green R = 0 G = 0-255 B = 255 W = 0 |
| | | 049 | Cyan R = 0 G = 255 B = 255 W = 0 |
| | | 050 ⇄ 086 | - Blue R = 0 G = 255 B = 255-0 W = 0 |
| | | 087 | Green R = 0 G = 255 B = 0 W = 0 |
| | | 088 ⇄ 124 | + Red R = 0-255 G = 255 B = 0 W = 0 |
| | | 125 | Yellow R = 255 G = 255 B = 0 W = 0 |
| | | 126 ⇄ 162 | - Green R = 255 G = 255-0 B = 0 W = 0 |
| | | 163 | Red R = 255 G = 0 B = 0 W = 0 |
| | | 164 ⇄ 200 | + Blue R = 255 G = 0 B = 0-255 W = 0 |
| | | 201 | Magenta R = 255 G = 0 B = 255 W = 0 |
| | | 202 ⇄ 238 | - Red R = 255-0 G = 0 B = 255 W = 0 |
| | | 239 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 240 ⇄ 247 | Color fade, fast to slow |
| 248 ⇄ 255 | Color snap, fast to slow | | |
| 11 | Gobo | 000 | No function |
| | | 001 ⇄ 255 | Gobos (indexed) |
| 12 | LED Macro / Auto Program | 000 ⇄ 015 | No function |
| | | 016 ⇄ 135 | LED macros |
| | | 136 ⇄ 255 | Auto programs |
| 13 | LED Macro / Auto Program Speed | 000 ⇄ 127 | Auto speed, fast to slow, clockwise |
| | | 128 | Hold |
| | | 129 ⇄ 255 | Auto speed, slow to fast, counter-clockwise |
| 14 | LED Built-in Delay | 000 ⇄ 255 | Fast to slow |
| 15 | Background Color | 000 | No function |
| | | 001 ⇄ 002 | 2700K R = 156 G = 118 B = 0 W = 63 |
| | | 003 ⇄ 004 | 3200K R = 156 G = 141 B = 5 W = 89 |
| | | 005 ⇄ 006 | 4200K R = 156 G = 141 B = 14 W = 255 |
| | | 007 ⇄ 008 | 5600K R = 156 G = 207 B = 54 W = 255 |
| | | 009 ⇄ 010 | 8000K R = 130 G = 255 B = 96 W = 255 |
| | | 011 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 012 ⇄ 048 | + Green R = 0 G = 0-255 B = 255 W = 0 |
| | | 049 | Cyan R = 0 G = 255 B = 255 W = 0 |
| | | 050 ⇄ 086 | - Blue R = 0 G = 255 B = 255-0 W = 0 |
| | | 087 | Green R = 0 G = 255 B = 0 W = 0 |
| | | 088 ⇄ 124 | + Red R = 0-255 G = 255 B = 0 W = 0 |
| | | 125 | Yellow R = 255 G = 255 B = 0 W = 0 |
| | | 126 ⇄ 162 | - Green R = 255 G = 255-0 B = 0 W = 0 |
| | | 163 | Red R = 255 G = 0 B = 0 W = 0 |
| | | 164 ⇄ 200 | + Blue R = 255 G = 0 B = 0-255 W = 0 |
| | | 201 | Magenta R = 255 G = 0 B = 255 W = 0 |
| | | 202 ⇄ 238 | - Red R = 255-0 G = 0 B = 255 W = 0 |
| | | 239 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 240 ⇄ 247 | Color fade, fast to slow |
| 248 ⇄ 255 | Color snap, fast to slow | | |
| 16 | Background Dimmer | 000 ⇄ 255 | 0-100% |
| 17 | Ring Dimmer | 000 ⇄ 255 | 0-100% |
| 18 | Beam Dimmer | 000 ⇄ 255 | 0-100% |

| Channel | Function | Value | Percent/Setting |
|-----------|-------------------------|-----------|--------------------------------------|
| 19 | Ring Shutter | 000 ⇔ 019 | Off |
| | | 020 ⇔ 024 | On |
| | | 025 ⇔ 069 | Strobe, fast to slow |
| | | 070 ⇔ 089 | Strobe 100–0%, fast to slow |
| | | 090 ⇔ 109 | Strobe 0–100%, fast to slow |
| | | 110 ⇔ 129 | Random strobe, fast to slow |
| | | 130 ⇔ 149 | Random strobe 100–0%, fast to slow |
| | | 150 ⇔ 169 | Random strobe 0–100%, fast to slow |
| | | 170 ⇔ 189 | Pulse strobe, fast to slow |
| | | 190 ⇔ 209 | Random pulse strobe, fast to slow |
| | | 210 ⇔ 229 | Strobe 0–100–0%, fast to slow |
| | | 230 ⇔ 244 | Random pulse strobe, fast to slow |
| 245 ⇔ 255 | On | | |
| 20 | Beam Shutter | 000 ⇔ 019 | Off |
| | | 020 ⇔ 024 | On |
| | | 025 ⇔ 069 | Strobe, fast to slow |
| | | 070 ⇔ 089 | Strobe 100–0%, fast to slow |
| | | 090 ⇔ 109 | Strobe 0–100%, fast to slow |
| | | 110 ⇔ 129 | Random strobe, fast to slow |
| | | 130 ⇔ 149 | Random strobe 100–0%, fast to slow |
| | | 150 ⇔ 169 | Random strobe 0–100%, fast to slow |
| | | 170 ⇔ 189 | Pulse strobe, fast to slow |
| | | 190 ⇔ 209 | Random pulse strobe, fast to slow |
| | | 210 ⇔ 229 | Strobe 0–100–0%, fast to slow |
| | | 230 ⇔ 244 | Random pulse strobe, fast to slow |
| 245 ⇔ 255 | On | | |
| 21 | Zoom | 000 ⇔ 255 | Wide to narrow |
| 22 | Control | 000 ⇔ 009 | No function |
| | | 010 ⇔ 014 | Blackout on Pan/Tilt |
| | | 015 ⇔ 019 | Reserved for future use |
| | | 020 ⇔ 024 | RGBW (additive) color mixing mode |
| | | 025 ⇔ 029 | CMY (subtractive) color mixing mode |
| | | 030 ⇔ 049 | Reserved for future use |
| | | 050 ⇔ 054 | Pan reset |
| | | 055 ⇔ 059 | Tilt reset |
| | | 060 ⇔ 064 | Zoom reset |
| | | 065 ⇔ 069 | Reserved for future use |
| | | 070 ⇔ 074 | Reset all |
| | | 075 ⇔ 109 | Reserved for future use |
| | | 110 ⇔ 114 | Fast Pan/Tilt speed |
| | | 115 ⇔ 119 | Slow Pan/tilt speed |
| | | 120 ⇔ 124 | Slow fan mode |
| | | 125 ⇔ 129 | Full fan mode |
| | | 130 ⇔ 134 | Auto fan mode |
| | | 135 ⇔ 139 | Fast dimmer mode |
| 140 ⇔ 144 | Slow dimmer mode | | |
| 145 ⇔ 255 | Reserved for future use | | |
| 23 | Main Red | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 24 | Main Green | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 25 | Main Blue | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 26 | Main White | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 27 | Red 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 28 | Green 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 29 | Blue 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 30 | White 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

| Channel | Function | Value | Percent/Setting |
|---------|----------|-----------|--------------------------------------|
| 31 | Red 2 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 32 | Green 2 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 33 | Blue 2 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 34 | White 2 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 35 | Red 3 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 36 | Green 3 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 37 | Blue 3 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 38 | White 3 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 39 | Red 4 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 40 | Green 4 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 41 | Blue 4 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 42 | White 4 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 43 | Red 5 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 44 | Green 5 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 45 | Blue 5 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 46 | White 5 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 47 | Red 6 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 48 | Green 6 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 49 | Blue 6 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 50 | White 6 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 51 | Red 7 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 52 | Green 7 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 53 | Blue 7 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 54 | White 7 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 55 | Red 8 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 56 | Green 8 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 57 | Blue 8 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 58 | White 8 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 59 | Red 9 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 60 | Green 9 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 61 | Blue 9 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 62 | White 9 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 63 | Red 10 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 64 | Green 10 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 65 | Blue 10 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 66 | White 10 | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

Single Control: Basic Mode (26Ch)

| Channel | Function | Value | Percent/Setting |
|-----------|--------------------------|-----------|---------------------------------------|
| 1 | Pan | 000 ⇔ 255 | 0–100% |
| 2 | Pan Fine | 000 ⇔ 255 | 0–100% |
| 3 | Tilt | 000 ⇔ 255 | 0–100% |
| 4 | Tilt Fine | 000 ⇔ 255 | 0–100% |
| 5 | Continuous Pan | 000 | No function |
| | | 001 ⇔ 127 | Continuous pan, fast to slow |
| | | 128 | No function |
| | | 129 ⇔ 255 | Reverse continuous pan, slow to fast |
| 6 | Continuous Tilt | 000 | No function |
| | | 001 ⇔ 127 | Continuous tilt, fast to slow |
| | | 128 | No function |
| | | 129 ⇔ 255 | Reverse continuous tilt, slow to fast |
| 7 | Pan/Tilt Speed | 000 ⇔ 255 | Fast to slow |
| 8 | CTC | 000 | No function |
| | | 001 ⇔ 255 | Color temperature, 2800–10000 K |
| 9 | Ring Color | 000 | No function |
| | | 001 ⇔ 002 | 2700K R = 156 G = 118 B = 0 W = 63 |
| | | 003 ⇔ 004 | 3200K R = 156 G = 141 B = 5 W = 89 |
| | | 005 ⇔ 006 | 4200K R = 156 G = 141 B = 14 W = 255 |
| | | 007 ⇔ 008 | 5600K R = 156 G = 207 B = 54 W = 255 |
| | | 009 ⇔ 010 | 8000K R = 130 G = 255 B = 96 W = 255 |
| | | 011 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 012 ⇔ 048 | + Green R = 0 G = 0–255 B = 255 W = 0 |
| | | 049 | Cyan R = 0 G = 255 B = 255 W = 0 |
| | | 050 ⇔ 086 | - Blue R = 0 G = 255 B = 255–0 W = 0 |
| | | 087 | Green R = 0 G = 255 B = 0 W = 0 |
| | | 088 ⇔ 124 | + Red R = 0–255 G = 255 B = 0 W = 0 |
| | | 125 | Yellow R = 255 G = 255 B = 0 W = 0 |
| | | 126 ⇔ 162 | - Green R = 255 G = 255–0 B = 0 W = 0 |
| | | 163 | Red R = 255 G = 0 B = 0 W = 0 |
| | | 164 ⇔ 200 | + Blue R = 255 G = 0 B = 0–255 W = 0 |
| | | 201 | Magenta R = 255 G = 0 B = 255 W = 0 |
| | | 202 ⇔ 238 | - Red R = 255–0 G = 0 B = 255 W = 0 |
| | | 239 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 240 ⇔ 247 | Color fade, fast to slow |
| 248 ⇔ 255 | Color snap, fast to slow | | |

| Channel | Function | Value | Percent/Setting | | | | |
|-----------|--------------------------------|-----------|---|-----------|-----------|-----------|---------|
| 10 | Beam Color | 000 | No function | | | | |
| | | 001 ⇄ 002 | 2700K | R = 156 | G = 118 | B = 0 | W = 63 |
| | | 003 ⇄ 004 | 3200K | R = 156 | G = 141 | B = 5 | W = 89 |
| | | 005 ⇄ 006 | 4200K | R = 156 | G = 141 | B = 14 | W = 255 |
| | | 007 ⇄ 008 | 5600K | R = 156 | G = 207 | B = 54 | W = 255 |
| | | 009 ⇄ 010 | 8000K | R = 130 | G = 255 | B = 96 | W = 255 |
| | | 011 | Blue | R = 0 | G = 0 | B = 255 | W = 0 |
| | | 012 ⇄ 048 | + Green | R = 0 | G = 0–255 | B = 255 | W = 0 |
| | | 049 | Cyan | R = 0 | G = 255 | B = 255 | W = 0 |
| | | 050 ⇄ 086 | - Blue | R = 0 | G = 255 | B = 255–0 | W = 0 |
| | | 087 | Green | R = 0 | G = 255 | B = 0 | W = 0 |
| | | 088 ⇄ 124 | + Red | R = 0–255 | G = 255 | B = 0 | W = 0 |
| | | 125 | Yellow | R = 255 | G = 255 | B = 0 | W = 0 |
| | | 126 ⇄ 162 | - Green | R = 255 | G = 255–0 | B = 0 | W = 0 |
| | | 163 | Red | R = 255 | G = 0 | B = 0 | W = 0 |
| | | 164 ⇄ 200 | + Blue | R = 255 | G = 0 | B = 0–255 | W = 0 |
| | | 201 | Magenta | R = 255 | G = 0 | B = 255 | W = 0 |
| | | 202 ⇄ 238 | - Red | R = 255–0 | G = 0 | B = 255 | W = 0 |
| | | 239 | Blue | R = 0 | G = 0 | B = 255 | W = 0 |
| | | 240 ⇄ 247 | Color fade, fast to slow | | | | |
| 248 ⇄ 255 | Color snap, fast to slow | | | | | | |
| 11 | Gobo | 000 | No function | | | | |
| | | 001 ⇄ 255 | Gobos (indexed) | | | | |
| 12 | LED Macro / Auto Program | 000 ⇄ 015 | No function | | | | |
| | | 016 ⇄ 135 | LED macros | | | | |
| | | 136 ⇄ 255 | Auto programs | | | | |
| 13 | LED Macro / Auto Program Speed | 000 ⇄ 127 | Auto speed, fast to slow, clockwise | | | | |
| | | 128 | Hold | | | | |
| | | 129 ⇄ 255 | Auto speed, slow to fast, counter-clockwise | | | | |
| 14 | LED Built-in Delay | 000 ⇄ 255 | Fast to slow | | | | |
| 15 | Background Color | 000 | No function | | | | |
| | | 001 ⇄ 002 | 2700K | R = 156 | G = 118 | B = 0 | W = 63 |
| | | 003 ⇄ 004 | 3200K | R = 156 | G = 141 | B = 5 | W = 89 |
| | | 005 ⇄ 006 | 4200K | R = 156 | G = 141 | B = 14 | W = 255 |
| | | 007 ⇄ 008 | 5600K | R = 156 | G = 207 | B = 54 | W = 255 |
| | | 009 ⇄ 010 | 8000K | R = 130 | G = 255 | B = 96 | W = 255 |
| | | 011 | Blue | R = 0 | G = 0 | B = 255 | W = 0 |
| | | 012 ⇄ 048 | + Green | R = 0 | G = 0–255 | B = 255 | W = 0 |
| | | 049 | Cyan | R = 0 | G = 255 | B = 255 | W = 0 |
| | | 050 ⇄ 086 | - Blue | R = 0 | G = 255 | B = 255–0 | W = 0 |
| | | 087 | Green | R = 0 | G = 255 | B = 0 | W = 0 |
| | | 088 ⇄ 124 | + Red | R = 0–255 | G = 255 | B = 0 | W = 0 |
| | | 125 | Yellow | R = 255 | G = 255 | B = 0 | W = 0 |
| | | 126 ⇄ 162 | - Green | R = 255 | G = 255–0 | B = 0 | W = 0 |
| | | 163 | Red | R = 255 | G = 0 | B = 0 | W = 0 |
| | | 164 ⇄ 200 | + Blue | R = 255 | G = 0 | B = 0–255 | W = 0 |
| | | 201 | Magenta | R = 255 | G = 0 | B = 255 | W = 0 |
| | | 202 ⇄ 238 | - Red | R = 255–0 | G = 0 | B = 255 | W = 0 |
| | | 239 | Blue | R = 0 | G = 0 | B = 255 | W = 0 |
| | | 240 ⇄ 247 | Color fade, fast to slow | | | | |
| 248 ⇄ 255 | Color snap, fast to slow | | | | | | |
| 16 | Background Dimmer | 000 ⇄ 255 | 0–100% | | | | |
| 17 | Ring Dimmer | 000 ⇄ 255 | 0–100% | | | | |
| 18 | Beam Dimmer | 000 ⇄ 255 | 0–100% | | | | |

| Channel | Function | Value | Percent/Setting |
|-----------|-------------------------|-----------|--------------------------------------|
| 19 | Ring Shutter | 000 ⇔ 019 | Off |
| | | 020 ⇔ 024 | On |
| | | 025 ⇔ 069 | Strobe, fast to slow |
| | | 070 ⇔ 089 | Strobe 100–0%, fast to slow |
| | | 090 ⇔ 109 | Strobe 0–100%, fast to slow |
| | | 110 ⇔ 129 | Random strobe, fast to slow |
| | | 130 ⇔ 149 | Random strobe 100–0%, fast to slow |
| | | 150 ⇔ 169 | Random strobe 0–100%, fast to slow |
| | | 170 ⇔ 189 | Pulse strobe, fast to slow |
| | | 190 ⇔ 209 | Random pulse strobe, fast to slow |
| | | 210 ⇔ 229 | Strobe 0–100–0%, fast to slow |
| | | 230 ⇔ 244 | Random pulse strobe, fast to slow |
| | | 245 ⇔ 255 | On |
| 20 | Beam Shutter | 000 ⇔ 019 | Off |
| | | 020 ⇔ 024 | On |
| | | 025 ⇔ 069 | Strobe, fast to slow |
| | | 070 ⇔ 089 | Strobe 100–0%, fast to slow |
| | | 090 ⇔ 109 | Strobe 0–100%, fast to slow |
| | | 110 ⇔ 129 | Random strobe, fast to slow |
| | | 130 ⇔ 149 | Random strobe 100–0%, fast to slow |
| | | 150 ⇔ 169 | Random strobe 0–100%, fast to slow |
| | | 170 ⇔ 189 | Pulse strobe, fast to slow |
| | | 190 ⇔ 209 | Random pulse strobe, fast to slow |
| | | 210 ⇔ 229 | Strobe 0–100–0%, fast to slow |
| | | 230 ⇔ 244 | Random pulse strobe, fast to slow |
| | | 245 ⇔ 255 | On |
| 21 | Zoom | 000 ⇔ 255 | Wide to narrow |
| 22 | Control | 000 ⇔ 009 | No function |
| | | 010 ⇔ 014 | Blackout on Pan/Tilt |
| | | 015 ⇔ 019 | Reserved for future use |
| | | 020 ⇔ 024 | RGBW (additive) color mixing mode |
| | | 025 ⇔ 029 | CMY (subtractive) color mixing mode |
| | | 030 ⇔ 049 | Reserved for future use |
| | | 050 ⇔ 054 | Pan reset |
| | | 055 ⇔ 059 | Tilt reset |
| | | 060 ⇔ 064 | Zoom reset |
| | | 065 ⇔ 069 | Reserved for future use |
| | | 070 ⇔ 074 | Reset all |
| | | 075 ⇔ 109 | Reserved for future use |
| | | 110 ⇔ 114 | Fast Pan/Tilt speed |
| | | 115 ⇔ 119 | Slow Pan/tilt speed |
| | | 120 ⇔ 124 | Slow fan mode |
| | | 125 ⇔ 129 | Full fan mode |
| | | 130 ⇔ 134 | Auto fan mode |
| | | 135 ⇔ 139 | Fast dimmer mode |
| | | 140 ⇔ 144 | Slow dimmer mode |
| 145 ⇔ 255 | Reserved for future use | | |
| 23 | Main Red | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 24 | Main Green | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 25 | Main Blue | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 26 | Main White | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

Dual Control Values (Movement)

Dual Control: Advanced Movement Mode (41Ch)

| Channel | Function | Value | Percent/Setting |
|-----------|--------------------------|-----------|---------------------------------------|
| 1 | Pan | 000 ⇄ 255 | 0–100% |
| 2 | Pan Fine | 000 ⇄ 255 | 0–100% |
| 3 | Tilt | 000 ⇄ 255 | 0–100% |
| 4 | Tilt Fine | 000 ⇄ 255 | 0–100% |
| 5 | Continuous Pan | 000 | No function |
| | | 001 ⇄ 127 | Continuous pan, fast to slow |
| | | 128 | No function |
| | | 129 ⇄ 255 | Reverse continuous pan, slow to fast |
| 6 | Continuous Tilt | 000 | No function |
| | | 001 ⇄ 127 | Continuous tilt, fast to slow |
| | | 128 | No function |
| | | 129 ⇄ 255 | Reverse continuous tilt, slow to fast |
| 7 | Pan/Tilt Speed | 000 ⇄ 255 | Fast to slow |
| 8 | CTC | 000 | No function |
| | | 001 ⇄ 255 | Color temperature, 2800–10000 K |
| 9 | Ring Color | 000 | No function |
| | | 001 ⇄ 002 | 2700K R = 156 G = 118 B = 0 W = 63 |
| | | 003 ⇄ 004 | 3200K R = 156 G = 141 B = 5 W = 89 |
| | | 005 ⇄ 006 | 4200K R = 156 G = 141 B = 14 W = 255 |
| | | 007 ⇄ 008 | 5600K R = 156 G = 207 B = 54 W = 255 |
| | | 009 ⇄ 010 | 8000K R = 130 G = 255 B = 96 W = 255 |
| | | 011 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 012 ⇄ 048 | + Green R = 0 G = 0–255 B = 255 W = 0 |
| | | 049 | Cyan R = 0 G = 255 B = 255 W = 0 |
| | | 050 ⇄ 086 | - Blue R = 0 G = 255 B = 255–0 W = 0 |
| | | 087 | Green R = 0 G = 255 B = 0 W = 0 |
| | | 088 ⇄ 124 | + Red R = 0–255 G = 255 B = 0 W = 0 |
| | | 125 | Yellow R = 255 G = 255 B = 0 W = 0 |
| | | 126 ⇄ 162 | - Green R = 255 G = 255–0 B = 0 W = 0 |
| | | 163 | Red R = 255 G = 0 B = 0 W = 0 |
| | | 164 ⇄ 200 | + Blue R = 255 G = 0 B = 0–255 W = 0 |
| | | 201 | Magenta R = 255 G = 0 B = 255 W = 0 |
| | | 202 ⇄ 238 | - Red R = 255–0 G = 0 B = 255 W = 0 |
| | | 239 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 240 ⇄ 247 | Color fade, fast to slow |
| 248 ⇄ 255 | Color snap, fast to slow | | |

| Channel | Function | Value | Percent/Setting |
|-----------|--------------------------------|-----------|---|
| 10 | Beam Color | 000 | No function |
| | | 001 ⇔ 002 | 2700K R = 156 G = 118 B = 0 W = 63 |
| | | 003 ⇔ 004 | 3200K R = 156 G = 141 B = 5 W = 89 |
| | | 005 ⇔ 006 | 4200K R = 156 G = 141 B = 14 W = 255 |
| | | 007 ⇔ 008 | 5600K R = 156 G = 207 B = 54 W = 255 |
| | | 009 ⇔ 010 | 8000K R = 130 G = 255 B = 96 W = 255 |
| | | 011 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 012 ⇔ 048 | + Green R = 0 G = 0-255 B = 255 W = 0 |
| | | 049 | Cyan R = 0 G = 255 B = 255 W = 0 |
| | | 050 ⇔ 086 | - Blue R = 0 G = 255 B = 255-0 W = 0 |
| | | 087 | Green R = 0 G = 255 B = 0 W = 0 |
| | | 088 ⇔ 124 | + Red R = 0-255 G = 255 B = 0 W = 0 |
| | | 125 | Yellow R = 255 G = 255 B = 0 W = 0 |
| | | 126 ⇔ 162 | - Green R = 255 G = 255-0 B = 0 W = 0 |
| | | 163 | Red R = 255 G = 0 B = 0 W = 0 |
| | | 164 ⇔ 200 | + Blue R = 255 G = 0 B = 0-255 W = 0 |
| | | 201 | Magenta R = 255 G = 0 B = 255 W = 0 |
| | | 202 ⇔ 238 | - Red R = 255-0 G = 0 B = 255 W = 0 |
| | | 239 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 240 ⇔ 247 | Color fade, fast to slow |
| 248 ⇔ 255 | Color snap, fast to slow | | |
| 11 | Gobo | 000 | No function |
| | | 001 ⇔ 255 | Gobos (indexed) |
| 12 | LED Macro / Auto Program | 000 ⇔ 015 | No function |
| | | 016 ⇔ 135 | LED macros |
| | | 136 ⇔ 255 | Auto programs |
| 13 | LED Macro / Auto Program Speed | 000 ⇔ 127 | Auto speed, fast to slow, clockwise |
| | | 128 | Hold |
| | | 129 ⇔ 255 | Auto speed, slow to fast, counter-clockwise |
| 14 | LED Built-in Delay | 000 ⇔ 255 | Fast to slow |
| 15 | Background Color | 000 | No function |
| | | 001 ⇔ 002 | 2700K R = 156 G = 118 B = 0 W = 63 |
| | | 003 ⇔ 004 | 3200K R = 156 G = 141 B = 5 W = 89 |
| | | 005 ⇔ 006 | 4200K R = 156 G = 141 B = 14 W = 255 |
| | | 007 ⇔ 008 | 5600K R = 156 G = 207 B = 54 W = 255 |
| | | 009 ⇔ 010 | 8000K R = 130 G = 255 B = 96 W = 255 |
| | | 011 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 012 ⇔ 048 | + Green R = 0 G = 0-255 B = 255 W = 0 |
| | | 049 | Cyan R = 0 G = 255 B = 255 W = 0 |
| | | 050 ⇔ 086 | - Blue R = 0 G = 255 B = 255-0 W = 0 |
| | | 087 | Green R = 0 G = 255 B = 0 W = 0 |
| | | 088 ⇔ 124 | + Red R = 0-255 G = 255 B = 0 W = 0 |
| | | 125 | Yellow R = 255 G = 255 B = 0 W = 0 |
| | | 126 ⇔ 162 | - Green R = 255 G = 255-0 B = 0 W = 0 |
| | | 163 | Red R = 255 G = 0 B = 0 W = 0 |
| | | 164 ⇔ 200 | + Blue R = 255 G = 0 B = 0-255 W = 0 |
| | | 201 | Magenta R = 255 G = 0 B = 255 W = 0 |
| | | 202 ⇔ 238 | - Red R = 255-0 G = 0 B = 255 W = 0 |
| | | 239 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 240 ⇔ 247 | Color fade, fast to slow |
| 248 ⇔ 255 | Color snap, fast to slow | | |
| 16 | Background Dimmer | 000 ⇔ 255 | 0-100% |
| 17 | Background Fine Dimmer | 000 ⇔ 255 | 0-100% |
| 18 | Ring Dimmer | 000 ⇔ 255 | 0-100% |
| 19 | Ring Fine Dimmer | 000 ⇔ 255 | 0-100% |

| Channel | Function | Value | Percent/Setting |
|-----------|-----------------------------------|-----------|--------------------------------------|
| 20 | Beam Dimmer | 000 ⇄ 255 | 0–100% |
| 21 | Beam Fine Dimmer | 000 ⇄ 255 | 0–100% |
| 22 | Ring Shutter | 000 ⇄ 019 | Off |
| | | 020 ⇄ 024 | On |
| | | 025 ⇄ 069 | Strobe, fast to slow |
| | | 070 ⇄ 089 | Strobe 100–0%, fast to slow |
| | | 090 ⇄ 109 | Strobe 0–100%, fast to slow |
| | | 110 ⇄ 129 | Random strobe, fast to slow |
| | | 130 ⇄ 149 | Random strobe 100–0%, fast to slow |
| | | 150 ⇄ 169 | Random strobe 0–100%, fast to slow |
| | | 170 ⇄ 189 | Pulse strobe, fast to slow |
| | | 190 ⇄ 209 | Random pulse strobe, fast to slow |
| | | 210 ⇄ 229 | Strobe 0–100–0%, fast to slow |
| 230 ⇄ 244 | Random pulse strobe, fast to slow | | |
| 245 ⇄ 255 | On | | |
| 23 | Beam Shutter | 000 ⇄ 019 | Off |
| | | 020 ⇄ 024 | On |
| | | 025 ⇄ 069 | Strobe, fast to slow |
| | | 070 ⇄ 089 | Strobe 100–0%, fast to slow |
| | | 090 ⇄ 109 | Strobe 0–100%, fast to slow |
| | | 110 ⇄ 129 | Random strobe, fast to slow |
| | | 130 ⇄ 149 | Random strobe 100–0%, fast to slow |
| | | 150 ⇄ 169 | Random strobe 0–100%, fast to slow |
| | | 170 ⇄ 189 | Pulse strobe, fast to slow |
| | | 190 ⇄ 209 | Random pulse strobe, fast to slow |
| | | 210 ⇄ 229 | Strobe 0–100–0%, fast to slow |
| 230 ⇄ 244 | Random pulse strobe, fast to slow | | |
| 245 ⇄ 255 | On | | |
| 24 | Zoom | 000 ⇄ 255 | Wide to narrow |
| 25 | Control | 000 ⇄ 009 | No function |
| | | 010 ⇄ 014 | Blackout on Pan/Tilt |
| | | 015 ⇄ 019 | Reserved for future use |
| | | 020 ⇄ 024 | RGBW (additive) color mixing mode |
| | | 025 ⇄ 029 | CMY (subtractive) color mixing mode |
| | | 030 ⇄ 049 | Reserved for future use |
| | | 050 ⇄ 054 | Pan reset |
| | | 055 ⇄ 059 | Tilt reset |
| | | 060 ⇄ 064 | Zoom reset |
| | | 065 ⇄ 069 | Reserved for future use |
| | | 070 ⇄ 074 | Reset all |
| | | 075 ⇄ 109 | Reserved for future use |
| | | 110 ⇄ 114 | Fast Pan/Tilt speed |
| | | 115 ⇄ 119 | Slow Pan/tilt speed |
| | | 120 ⇄ 124 | Slow fan mode |
| | | 125 ⇄ 129 | Full fan mode |
| | | 130 ⇄ 134 | Auto fan mode |
| 135 ⇄ 139 | Fast dimmer mode | | |
| 140 ⇄ 144 | Slow dimmer mode | | |
| 145 ⇄ 255 | Reserved for future use | | |
| 26 | Ring Red | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 27 | Fine Ring Red | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 28 | Beam Red | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 29 | Fine Beam Red | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 30 | Ring Green | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 31 | Fine Ring Green | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

| Channel | Function | Value | Percent/Setting |
|---------|-----------------|-----------|--------------------------------------|
| 32 | Beam Green | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 33 | Fine Beam Green | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 34 | Ring Blue | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 35 | Fine Ring Blue | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 36 | Beam Blue | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 37 | Fine Beam Blue | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 38 | Ring White | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 39 | Fine Ring White | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 40 | Beam White | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 41 | Fine Beam White | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

Dual Control: Standard Movement Mode (30Ch)

| Channel | Function | Value | Percent/Setting |
|-----------|--------------------------|-----------|---------------------------------------|
| 1 | Pan | 000 ⇔ 255 | 0–100% |
| 2 | Pan Fine | 000 ⇔ 255 | 0–100% |
| 3 | Tilt | 000 ⇔ 255 | 0–100% |
| 4 | Tilt Fine | 000 ⇔ 255 | 0–100% |
| 5 | Continuous Pan | 000 | No function |
| | | 001 ⇔ 127 | Continuous pan, fast to slow |
| | | 128 | No function |
| | | 129 ⇔ 255 | Reverse continuous pan, slow to fast |
| 6 | Continuous Tilt | 000 | No function |
| | | 001 ⇔ 127 | Continuous tilt, fast to slow |
| | | 128 | No function |
| | | 129 ⇔ 255 | Reverse continuous tilt, slow to fast |
| 7 | Pan/Tilt Speed | 000 ⇔ 255 | Fast to slow |
| 8 | CTC | 000 | No function |
| | | 001 ⇔ 255 | Color temperature, 2800–10000 K |
| 9 | Ring Color | 000 | No function |
| | | 001 ⇔ 002 | 2700K R = 156 G = 118 B = 0 W = 63 |
| | | 003 ⇔ 004 | 3200K R = 156 G = 141 B = 5 W = 89 |
| | | 005 ⇔ 006 | 4200K R = 156 G = 141 B = 14 W = 255 |
| | | 007 ⇔ 008 | 5600K R = 156 G = 207 B = 54 W = 255 |
| | | 009 ⇔ 010 | 8000K R = 130 G = 255 B = 96 W = 255 |
| | | 011 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 012 ⇔ 048 | + Green R = 0 G = 0–255 B = 255 W = 0 |
| | | 049 | Cyan R = 0 G = 255 B = 255 W = 0 |
| | | 050 ⇔ 086 | - Blue R = 0 G = 255 B = 255–0 W = 0 |
| | | 087 | Green R = 0 G = 255 B = 0 W = 0 |
| | | 088 ⇔ 124 | + Red R = 0–255 G = 255 B = 0 W = 0 |
| | | 125 | Yellow R = 255 G = 255 B = 0 W = 0 |
| | | 126 ⇔ 162 | - Green R = 255 G = 255–0 B = 0 W = 0 |
| | | 163 | Red R = 255 G = 0 B = 0 W = 0 |
| | | 164 ⇔ 200 | + Blue R = 255 G = 0 B = 0–255 W = 0 |
| | | 201 | Magenta R = 255 G = 0 B = 255 W = 0 |
| | | 202 ⇔ 238 | - Red R = 255–0 G = 0 B = 255 W = 0 |
| | | 239 | Blue R = 0 G = 0 B = 255 W = 0 |
| | | 240 ⇔ 247 | Color fade, fast to slow |
| 248 ⇔ 255 | Color snap, fast to slow | | |

| Channel | Function | Value | Percent/Setting | | | | |
|-----------|--------------------------------|-----------|---|-----------|-----------|-----------|---------|
| 10 | Beam Color | 000 | No function | | | | |
| | | 001 ⇄ 002 | 2700K | R = 156 | G = 118 | B = 0 | W = 63 |
| | | 003 ⇄ 004 | 3200K | R = 156 | G = 141 | B = 5 | W = 89 |
| | | 005 ⇄ 006 | 4200K | R = 156 | G = 141 | B = 14 | W = 255 |
| | | 007 ⇄ 008 | 5600K | R = 156 | G = 207 | B = 54 | W = 255 |
| | | 009 ⇄ 010 | 8000K | R = 130 | G = 255 | B = 96 | W = 255 |
| | | 011 | Blue | R = 0 | G = 0 | B = 255 | W = 0 |
| | | 012 ⇄ 048 | + Green | R = 0 | G = 0–255 | B = 255 | W = 0 |
| | | 049 | Cyan | R = 0 | G = 255 | B = 255 | W = 0 |
| | | 050 ⇄ 086 | - Blue | R = 0 | G = 255 | B = 255–0 | W = 0 |
| | | 087 | Green | R = 0 | G = 255 | B = 0 | W = 0 |
| | | 088 ⇄ 124 | + Red | R = 0–255 | G = 255 | B = 0 | W = 0 |
| | | 125 | Yellow | R = 255 | G = 255 | B = 0 | W = 0 |
| | | 126 ⇄ 162 | - Green | R = 255 | G = 255–0 | B = 0 | W = 0 |
| | | 163 | Red | R = 255 | G = 0 | B = 0 | W = 0 |
| | | 164 ⇄ 200 | + Blue | R = 255 | G = 0 | B = 0–255 | W = 0 |
| | | 201 | Magenta | R = 255 | G = 0 | B = 255 | W = 0 |
| | | 202 ⇄ 238 | - Red | R = 255–0 | G = 0 | B = 255 | W = 0 |
| | | 239 | Blue | R = 0 | G = 0 | B = 255 | W = 0 |
| | | 240 ⇄ 247 | Color fade, fast to slow | | | | |
| 248 ⇄ 255 | Color snap, fast to slow | | | | | | |
| 11 | Gobo | 000 | No function | | | | |
| | | 001 ⇄ 255 | Gobos (indexed) | | | | |
| 12 | LED Macro / Auto Program | 000 ⇄ 015 | No function | | | | |
| | | 016 ⇄ 135 | LED macros | | | | |
| | | 136 ⇄ 255 | Auto programs | | | | |
| 13 | LED Macro / Auto Program Speed | 000 ⇄ 127 | Auto speed, fast to slow, clockwise | | | | |
| | | 128 | Hold | | | | |
| | | 129 ⇄ 255 | Auto speed, slow to fast, counter-clockwise | | | | |
| 14 | LED Built-in Delay | 000 ⇄ 255 | Fast to slow | | | | |
| 15 | Background Color | 000 | No function | | | | |
| | | 001 ⇄ 002 | 2700K | R = 156 | G = 118 | B = 0 | W = 63 |
| | | 003 ⇄ 004 | 3200K | R = 156 | G = 141 | B = 5 | W = 89 |
| | | 005 ⇄ 006 | 4200K | R = 156 | G = 141 | B = 14 | W = 255 |
| | | 007 ⇄ 008 | 5600K | R = 156 | G = 207 | B = 54 | W = 255 |
| | | 009 ⇄ 010 | 8000K | R = 130 | G = 255 | B = 96 | W = 255 |
| | | 011 | Blue | R = 0 | G = 0 | B = 255 | W = 0 |
| | | 012 ⇄ 048 | + Green | R = 0 | G = 0–255 | B = 255 | W = 0 |
| | | 049 | Cyan | R = 0 | G = 255 | B = 255 | W = 0 |
| | | 050 ⇄ 086 | - Blue | R = 0 | G = 255 | B = 255–0 | W = 0 |
| | | 087 | Green | R = 0 | G = 255 | B = 0 | W = 0 |
| | | 088 ⇄ 124 | + Red | R = 0–255 | G = 255 | B = 0 | W = 0 |
| | | 125 | Yellow | R = 255 | G = 255 | B = 0 | W = 0 |
| | | 126 ⇄ 162 | - Green | R = 255 | G = 255–0 | B = 0 | W = 0 |
| | | 163 | Red | R = 255 | G = 0 | B = 0 | W = 0 |
| | | 164 ⇄ 200 | + Blue | R = 255 | G = 0 | B = 0–255 | W = 0 |
| | | 201 | Magenta | R = 255 | G = 0 | B = 255 | W = 0 |
| | | 202 ⇄ 238 | - Red | R = 255–0 | G = 0 | B = 255 | W = 0 |
| | | 239 | Blue | R = 0 | G = 0 | B = 255 | W = 0 |
| | | 240 ⇄ 247 | Color fade, fast to slow | | | | |
| 248 ⇄ 255 | Color snap, fast to slow | | | | | | |
| 16 | Background Dimmer | 000 ⇄ 255 | 0–100% | | | | |
| 17 | Ring Dimmer | 000 ⇄ 255 | 0–100% | | | | |
| 18 | Beam Dimmer | 000 ⇄ 255 | 0–100% | | | | |

| Channel | Function | Value | Percent/Setting |
|-----------|-------------------------|-----------|--------------------------------------|
| 19 | Ring Shutter | 000 ⇄ 019 | Off |
| | | 020 ⇄ 024 | On |
| | | 025 ⇄ 069 | Strobe, fast to slow |
| | | 070 ⇄ 089 | Strobe 100–0%, fast to slow |
| | | 090 ⇄ 109 | Strobe 0–100%, fast to slow |
| | | 110 ⇄ 129 | Random strobe, fast to slow |
| | | 130 ⇄ 149 | Random strobe 100–0%, fast to slow |
| | | 150 ⇄ 169 | Random strobe 0–100%, fast to slow |
| | | 170 ⇄ 189 | Pulse strobe, fast to slow |
| | | 190 ⇄ 209 | Random pulse strobe, fast to slow |
| | | 210 ⇄ 229 | Strobe 0–100–0%, fast to slow |
| | | 230 ⇄ 244 | Random pulse strobe, fast to slow |
| | | 245 ⇄ 255 | On |
| 20 | Beam Shutter | 000 ⇄ 019 | Off |
| | | 020 ⇄ 024 | On |
| | | 025 ⇄ 069 | Strobe, fast to slow |
| | | 070 ⇄ 089 | Strobe 100–0%, fast to slow |
| | | 090 ⇄ 109 | Strobe 0–100%, fast to slow |
| | | 110 ⇄ 129 | Random strobe, fast to slow |
| | | 130 ⇄ 149 | Random strobe 100–0%, fast to slow |
| | | 150 ⇄ 169 | Random strobe 0–100%, fast to slow |
| | | 170 ⇄ 189 | Pulse strobe, fast to slow |
| | | 190 ⇄ 209 | Random pulse strobe, fast to slow |
| | | 210 ⇄ 229 | Strobe 0–100–0%, fast to slow |
| | | 230 ⇄ 244 | Random pulse strobe, fast to slow |
| | | 245 ⇄ 255 | On |
| 21 | Zoom | 000 ⇄ 255 | Wide to narrow |
| 22 | Control | 000 ⇄ 009 | No function |
| | | 010 ⇄ 014 | Blackout on Pan/Tilt |
| | | 015 ⇄ 019 | Reserved for future use |
| | | 020 ⇄ 024 | RGBW (additive) color mixing mode |
| | | 025 ⇄ 029 | CMY (subtractive) color mixing mode |
| | | 030 ⇄ 049 | Reserved for future use |
| | | 050 ⇄ 054 | Pan reset |
| | | 055 ⇄ 059 | Tilt reset |
| | | 060 ⇄ 064 | Zoom reset |
| | | 065 ⇄ 069 | Reserved for future use |
| | | 070 ⇄ 074 | Reset all |
| | | 075 ⇄ 109 | Reserved for future use |
| | | 110 ⇄ 114 | Fast Pan/Tilt speed |
| | | 115 ⇄ 119 | Slow Pan/tilt speed |
| | | 120 ⇄ 124 | Slow fan mode |
| | | 125 ⇄ 129 | Full fan mode |
| | | 130 ⇄ 134 | Auto fan mode |
| | | 135 ⇄ 139 | Fast dimmer mode |
| 140 ⇄ 144 | Slow dimmer mode | | |
| 145 ⇄ 255 | Reserved for future use | | |
| 23 | Ring Red | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 24 | Beam Red | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 25 | Ring Green | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 26 | Beam Green | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 27 | Ring Blue | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 28 | Beam Blue | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 29 | Ring White | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 30 | Beam White | 000 ⇄ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

Dual Control: Basic Movement Mode (13Ch)

| Channel | Function | Value | Percent/Setting |
|-----------|-----------------|-----------|---------------------------------------|
| 1 | Pan | 000 ⇔ 255 | 0–100% |
| 2 | Pan Fine | 000 ⇔ 255 | 0–100% |
| 3 | Tilt | 000 ⇔ 255 | 0–100% |
| 4 | Tilt Fine | 000 ⇔ 255 | 0–100% |
| 5 | Continuous Pan | 000 | No function |
| | | 001 ⇔ 127 | Continuous pan, fast to slow |
| | | 128 | No function |
| | | 129 ⇔ 255 | Reverse continuous pan, slow to fast |
| 6 | Continuous Tilt | 000 | No function |
| | | 001 ⇔ 127 | Continuous tilt, fast to slow |
| | | 128 | No function |
| | | 129 ⇔ 255 | Reverse continuous tilt, slow to fast |
| 7 | Pan/Tilt Speed | 000 ⇔ 255 | Fast to slow |
| 8 | Ring Dimmer | 000 ⇔ 255 | 0–100% |
| 9 | Beam Dimmer | 000 ⇔ 255 | 0–100% |
| 10 | Ring Shutter | 000 ⇔ 019 | Off |
| | | 020 ⇔ 024 | On |
| | | 025 ⇔ 069 | Strobe, fast to slow |
| | | 070 ⇔ 089 | Strobe 100–0%, fast to slow |
| | | 090 ⇔ 109 | Strobe 0–100%, fast to slow |
| | | 110 ⇔ 129 | Random strobe, fast to slow |
| | | 130 ⇔ 149 | Random strobe 100–0%, fast to slow |
| | | 150 ⇔ 169 | Random strobe 0–100%, fast to slow |
| | | 170 ⇔ 189 | Pulse strobe, fast to slow |
| | | 190 ⇔ 209 | Random pulse strobe, fast to slow |
| | | 210 ⇔ 229 | Strobe 0–100–0%, fast to slow |
| | | 230 ⇔ 244 | Random pulse strobe, fast to slow |
| 245 ⇔ 255 | On | | |
| 11 | Beam Shutter | 000 ⇔ 019 | Off |
| | | 020 ⇔ 024 | On |
| | | 025 ⇔ 069 | Strobe, fast to slow |
| | | 070 ⇔ 089 | Strobe 100–0%, fast to slow |
| | | 090 ⇔ 109 | Strobe 0–100%, fast to slow |
| | | 110 ⇔ 129 | Random strobe, fast to slow |
| | | 130 ⇔ 149 | Random strobe 100–0%, fast to slow |
| | | 150 ⇔ 169 | Random strobe 0–100%, fast to slow |
| | | 170 ⇔ 189 | Pulse strobe, fast to slow |
| | | 190 ⇔ 209 | Random pulse strobe, fast to slow |
| | | 210 ⇔ 229 | Strobe 0–100–0%, fast to slow |
| | | 230 ⇔ 244 | Random pulse strobe, fast to slow |
| 245 ⇔ 255 | On | | |
| 12 | Zoom | 000 ⇔ 255 | Wide to narrow |

| Channel | Function | Value | Percent/Setting |
|---------|----------|-----------|-------------------------------------|
| 13 | Control | 000 ⇔ 009 | No function |
| | | 010 ⇔ 014 | Blackout on Pan/Tilt |
| | | 015 ⇔ 019 | Reserved for future use |
| | | 020 ⇔ 024 | RGBW (additive) color mixing mode |
| | | 025 ⇔ 029 | CMY (subtractive) color mixing mode |
| | | 030 ⇔ 049 | Reserved for future use |
| | | 050 ⇔ 054 | Pan reset |
| | | 055 ⇔ 059 | Tilt reset |
| | | 060 ⇔ 064 | Zoom reset |
| | | 065 ⇔ 069 | Reserved for future use |
| | | 070 ⇔ 074 | Reset all |
| | | 075 ⇔ 109 | Reserved for future use |
| | | 110 ⇔ 114 | Fast Pan/Tilt speed |
| | | 115 ⇔ 119 | Slow Pan/tilt speed |
| | | 120 ⇔ 124 | Slow fan mode |
| | | 125 ⇔ 129 | Full fan mode |
| | | 130 ⇔ 134 | Auto fan mode |
| | | 135 ⇔ 139 | Fast dimmer mode |
| | | 140 ⇔ 144 | Slow dimmer mode |
| | | 145 ⇔ 255 | Reserved for future use |

Dual Control Values (Pixels)

Dual Control: Advanced Pixels Mode (80Ch)

| Channel | Function | Value | Percent/Setting |
|---------|--------------|-----------|--------------------------------------|
| 1 | Red 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 2 | Fine Red 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 3 | Green 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 4 | Fine Green 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 5 | Blue 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 6 | Fine Blue 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 7 | White 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 8 | Fine White 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 9 | Red 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 10 | Fine Red 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 11 | Green 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 12 | Fine Green 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 13 | Blue 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 14 | Fine Blue 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 15 | White 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 16 | Fine White 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 17 | Red 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 18 | Fine Red 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 19 | Green 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 20 | Fine Green 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 21 | Blue 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 22 | Fine Blue 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 23 | White 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 24 | Fine White 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 25 | Red 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 26 | Fine Red 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 27 | Green 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 28 | Fine Green 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 29 | Blue 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 30 | Fine Blue 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 31 | White 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 32 | Fine White 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 33 | Red 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 34 | Fine Red 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 35 | Green 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 36 | Fine Green 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 37 | Blue 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 38 | Fine Blue 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 39 | White 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 40 | Fine White 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 41 | Red 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 42 | Fine Red 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 43 | Green 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 44 | Fine Green 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 45 | Blue 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 46 | Fine Blue 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 47 | White 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 48 | Fine White 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 49 | Red 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 50 | Fine Red 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 51 | Green 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 52 | Fine Green 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

| Channel | Function | Value | Percent/Setting |
|---------|---------------|-----------|--------------------------------------|
| 53 | Blue 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 54 | Fine Blue 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 55 | White 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 56 | Fine White 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 57 | Red 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 58 | Fine Red 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 59 | Green 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 60 | Fine Green 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 61 | Blue 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 62 | Fine Blue 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 63 | White 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 64 | Fine White 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 65 | Red 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 66 | Fine Red 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 67 | Green 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 68 | Fine Green 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 69 | Blue 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 70 | Fine Blue 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 71 | White 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 72 | Fine White 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 73 | Red 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 74 | Fine Red 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 75 | Green 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 76 | Fine Green 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 77 | Blue 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 78 | Fine Blue 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 79 | White 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 80 | Fine White 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

Dual Control: Standard Pixels Mode (40Ch)

| Channel | Function | Value | Percent/Setting |
|---------|----------|-----------|--------------------------------------|
| 1 | Red 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 2 | Green 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 3 | Blue 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 4 | White 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 5 | Red 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 6 | Green 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 7 | Blue 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 8 | White 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 9 | Red 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 10 | Green 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 11 | Blue 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 12 | White 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 13 | Red 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 14 | Green 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 15 | Blue 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 16 | White 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 17 | Red 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 18 | Green 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 19 | Blue 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 20 | White 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

| Channel | Function | Value | Percent/Setting |
|---------|----------|-----------|--------------------------------------|
| 21 | Red 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 22 | Green 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 23 | Blue 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 24 | White 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 25 | Red 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 26 | Green 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 27 | Blue 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 28 | White 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 29 | Red 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 30 | Green 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 31 | Blue 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 32 | White 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 33 | Red 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 34 | Green 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 35 | Blue 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 36 | White 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 37 | Red 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 38 | Green 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 39 | Blue 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 40 | White 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |

Dual Control: Basic Pixels Mode (30Ch)

| Channel | Function | Value | Percent/Setting |
|---------|----------|-----------|--------------------------------------|
| 1 | Red 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 2 | Green 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 3 | Blue 1 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 4 | Red 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 5 | Green 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 6 | Blue 2 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 7 | Red 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 8 | Green 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 9 | Blue 3 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 10 | Red 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 11 | Green 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 12 | Blue 4 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 13 | Red 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 14 | Green 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 15 | Blue 5 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 16 | Red 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 17 | Green 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 18 | Blue 6 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 19 | Red 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 20 | Green 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 21 | Blue 7 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 22 | Red 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 23 | Green 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 24 | Blue 8 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 25 | Red 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 26 | Green 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 27 | Blue 9 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 28 | Red 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 29 | Green 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |
| 30 | Blue 10 | 000 ⇔ 255 | RGBW Mode: 0–100% / CMY Mode: 100–0% |