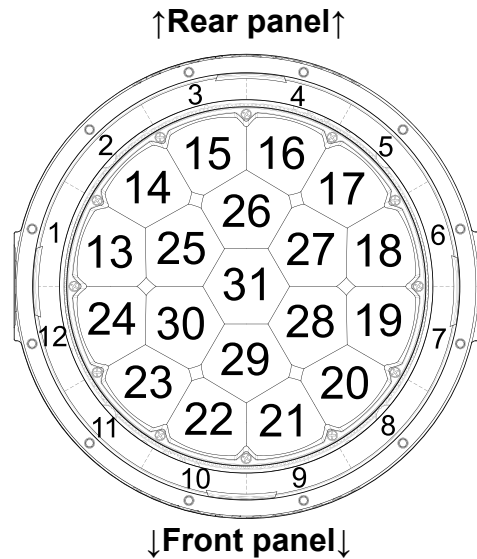


## Control Channel Assignments and Value

### Pixel Chart



### Single Control

#### Tour (325 channels)

| Channel | Function                         | Value     | Percent/Setting                               |
|---------|----------------------------------|-----------|---|
| 1       | Pan                              | 000 ⇔ 255 | 0–100%  |
| 2       | Fine pan                         | 000 ⇔ 255 | 0–100%  |
| 3       | Tilt                             | 000 ⇔ 255 | 0–100%  |
| 4       | Fine tilt                        | 000 ⇔ 255 | 0–100%  |
| 5       | Pan/tilt speed                   | 000 ⇔ 255 | Pan/tilt speed, fast to slow                  |
| 6       | Ring CTC                         | 000       | No function                                   |
|         |                                  | 001 ⇔ 255 | Color temperature correction, 19000K to 2700K |
| 7       | Main CTC                         | 000       | No function                                   |
|         |                                  | 001 ⇔ 255 | Color temperature correction, 19000K to 2700K |
| 8       | Ring foreground color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>           |
| 9       | Main foreground color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>           |
| 10      | Ring gobo                        | 000 ⇔ 004 | No function                                   |
|         |                                  | 005 ⇔ 255 | Gobos (indexed)                               |
| 11      | Main gobo                        | 000       | No function                                   |
|         |                                  | 001 ⇔ 255 | Gobos (indexed)                               |
| 12      | Ring LED macro/Automatic program | 000 ⇔ 005 | No function                                   |
|         |                                  | 006 ⇔ 115 | LED macros                                    |
|         |                                  | 116 ⇔ 215 | Automatic programs                            |
|         |                                  | 216 ⇔ 255 | No function                                   |
| 13      | Ring macro/program speed         | 000 ⇔ 127 | Macro/program speed, fast to slow             |
|         |                                  | 128       | Stop  |
|         |                                  | 129 ⇔ 255 | Reverse macro/program, slow to fast           |
| 14      | Ring LED delay                   | 000 ⇔ 255 | Built-in LED delay, short to long             |
| 15      | Main LED macro/Automatic program | 000 ⇔ 015 | No function                                   |
|         |                                  | 016 ⇔ 135 | LED macros                                    |
|         |                                  | 136 ⇔ 255 | Automatic programs                            |

| Channel | Function                    | Value     | Percent/Setting                       |
|---------|-----------------------------|-----------|---------------------------------------|
| 16      | Main macro/program speed    | 000 ⇔ 127 | Macro/program speed, fast to slow     |
|         |                             | 128       | Stop                                  |
|         |                             | 129 ⇔ 255 | Reverse macro/program, slow to fast   |
| 17      | Main LED delay              | 000 ⇔ 255 | Built-in LED delay, short to long     |
| 18      | Ring background color       | 000 ⇔ 255 | See the <a href="#">Color Chart</a>   |
| 19      | Ring background dimmer      | 000 ⇔ 255 | 0–100%                                |
| 20      | Ring background fine dimmer | 000 ⇔ 255 | 0–100%                                |
| 21      | Main background color       | 000 ⇔ 255 | See the <a href="#">Color Chart</a>   |
| 22      | Main background dimmer      | 000 ⇔ 255 | 0–100%                                |
| 23      | Main background fine dimmer | 000 ⇔ 255 | 0–100%                                |
| 24      | Ring foreground dimmer      | 000 ⇔ 255 | 0–100%                                |
| 25      | Ring foreground fine dimmer | 000 ⇔ 255 | 0–100%                                |
| 26      | Main foreground dimmer      | 000 ⇔ 255 | 0–100%                                |
| 27      | Main foreground fine dimmer | 000 ⇔ 255 | 0–100%                                |
| 28      | Ring strobe                 | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>  |
| 29      | Main strobe                 | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>  |
| 30      | Zoom                        | 000 ⇔ 255 | Zoom, narrow to wide                  |
| 31      | Control                     | 000 ⇔ 255 | See the <a href="#">Control Chart</a> |
| 32      | All foreground red          | 000 ⇔ 255 | 0–100%                                |
| 33      | All foreground fine red     | 000 ⇔ 255 | 0–100%                                |
| 34      | All foreground green        | 000 ⇔ 255 | 0–100%                                |
| 35      | All foreground fine green   | 000 ⇔ 255 | 0–100%                                |
| 36      | All foreground blue         | 000 ⇔ 255 | 0–100%                                |
| 37      | All foreground fine blue    | 000 ⇔ 255 | 0–100%                                |
| 38      | All foreground white        | 000 ⇔ 255 | 0–100%                                |
| 39      | All foreground fine white   | 000 ⇔ 255 | 0–100%                                |
| 40      | Dimmer 1                    | 000 ⇔ 255 | 0–100%                                |
| 41      | Fine dimmer 1               | 000 ⇔ 255 | 0–100%                                |
| 42      | Red 1                       | 000 ⇔ 255 | 0–100%                                |
| 43      | Fine red 1                  | 000 ⇔ 255 | 0–100%                                |
| 44      | Green 1                     | 000 ⇔ 255 | 0–100%                                |
| 45      | Fine green 1                | 000 ⇔ 255 | 0–100%                                |
| 46      | Blue 1                      | 000 ⇔ 255 | 0–100%                                |
| 47      | Fine blue 1                 | 000 ⇔ 255 | 0–100%                                |
| 48      | Dimmer 2                    | 000 ⇔ 255 | 0–100%                                |
| 49      | Fine dimmer 2               | 000 ⇔ 255 | 0–100%                                |
| 50      | Red 2                       | 000 ⇔ 255 | 0–100%                                |
| 51      | Fine red 2                  | 000 ⇔ 255 | 0–100%                                |
| 52      | Green 2                     | 000 ⇔ 255 | 0–100%                                |
| 53      | Fine green 2                | 000 ⇔ 255 | 0–100%                                |
| 54      | Blue 2                      | 000 ⇔ 255 | 0–100%                                |
| 55      | Fine blue 2                 | 000 ⇔ 255 | 0–100%                                |
| 56      | Dimmer 3                    | 000 ⇔ 255 | 0–100%                                |
| 57      | Fine dimmer 3               | 000 ⇔ 255 | 0–100%                                |
| 58      | Red 3                       | 000 ⇔ 255 | 0–100%                                |
| 59      | Fine red 3                  | 000 ⇔ 255 | 0–100%                                |
| 60      | Green 3                     | 000 ⇔ 255 | 0–100%                                |
| 61      | Fine green 3                | 000 ⇔ 255 | 0–100%                                |

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| Channel | Function      | Value     | Percent/Setting |
|---------|---------------|-----------|-----------------|
| 62      | Blue 3        | 000 ⇔ 255 | 0–100%          |
| 63      | Fine blue 3   | 000 ⇔ 255 | 0–100%          |
| 64      | Dimmer 4      | 000 ⇔ 255 | 0–100%          |
| 65      | Fine dimmer 4 | 000 ⇔ 255 | 0–100%          |
| 66      | Red 4         | 000 ⇔ 255 | 0–100%          |
| 67      | Fine red 4    | 000 ⇔ 255 | 0–100%          |
| 68      | Green 4       | 000 ⇔ 255 | 0–100%          |
| 69      | Fine green 4  | 000 ⇔ 255 | 0–100%          |
| 70      | Blue 4        | 000 ⇔ 255 | 0–100%          |
| 71      | Fine blue 4   | 000 ⇔ 255 | 0–100%          |
| 72      | Dimmer 5      | 000 ⇔ 255 | 0–100%          |
| 73      | Fine dimmer 5 | 000 ⇔ 255 | 0–100%          |
| 74      | Red 5         | 000 ⇔ 255 | 0–100%          |
| 75      | Fine red 5    | 000 ⇔ 255 | 0–100%          |
| 76      | Green 5       | 000 ⇔ 255 | 0–100%          |
| 77      | Fine green 5  | 000 ⇔ 255 | 0–100%          |
| 78      | Blue 5        | 000 ⇔ 255 | 0–100%          |
| 79      | Fine blue 5   | 000 ⇔ 255 | 0–100%          |
| 80      | Dimmer 6      | 000 ⇔ 255 | 0–100%          |
| 81      | Fine dimmer 6 | 000 ⇔ 255 | 0–100%          |
| 82      | Red 6         | 000 ⇔ 255 | 0–100%          |
| 83      | Fine red 6    | 000 ⇔ 255 | 0–100%          |
| 84      | Green 6       | 000 ⇔ 255 | 0–100%          |
| 85      | Fine green 6  | 000 ⇔ 255 | 0–100%          |
| 86      | Blue 6        | 000 ⇔ 255 | 0–100%          |
| 87      | Fine blue 6   | 000 ⇔ 255 | 0–100%          |
| 88      | Dimmer 7      | 000 ⇔ 255 | 0–100%          |
| 89      | Fine dimmer 7 | 000 ⇔ 255 | 0–100%          |
| 90      | Red 7         | 000 ⇔ 255 | 0–100%          |
| 91      | Fine red 7    | 000 ⇔ 255 | 0–100%          |
| 92      | Green 7       | 000 ⇔ 255 | 0–100%          |
| 93      | Fine green 7  | 000 ⇔ 255 | 0–100%          |
| 94      | Blue 7        | 000 ⇔ 255 | 0–100%          |
| 95      | Fine blue 7   | 000 ⇔ 255 | 0–100%          |
| 96      | Dimmer 8      | 000 ⇔ 255 | 0–100%          |
| 97      | Fine dimmer 8 | 000 ⇔ 255 | 0–100%          |
| 98      | Red 8         | 000 ⇔ 255 | 0–100%          |
| 99      | Fine red 8    | 000 ⇔ 255 | 0–100%          |
| 100     | Green 8       | 000 ⇔ 255 | 0–100%          |
| 101     | Fine green 8  | 000 ⇔ 255 | 0–100%          |
| 102     | Blue 8        | 000 ⇔ 255 | 0–100%          |
| 103     | Fine blue 8   | 000 ⇔ 255 | 0–100%          |
| 104     | Dimmer 9      | 000 ⇔ 255 | 0–100%          |
| 105     | Fine dimmer 9 | 000 ⇔ 255 | 0–100%          |
| 106     | Red 9         | 000 ⇔ 255 | 0–100%          |
| 107     | Fine red 9    | 000 ⇔ 255 | 0–100%          |
| 108     | Green 9       | 000 ⇔ 255 | 0–100%          |
| 109     | Fine green 9  | 000 ⇔ 255 | 0–100%          |

| Channel | Function       | Value     | Percent/Setting |
|---------|----------------|-----------|-----------------|
| 110     | Blue 9         | 000 ⇄ 255 | 0–100%          |
| 111     | Fine blue 9    | 000 ⇄ 255 | 0–100%          |
| 112     | Dimmer 10      | 000 ⇄ 255 | 0–100%          |
| 113     | Fine dimmer 10 | 000 ⇄ 255 | 0–100%          |
| 114     | Red 10         | 000 ⇄ 255 | 0–100%          |
| 115     | Fine red 10    | 000 ⇄ 255 | 0–100%          |
| 116     | Green 10       | 000 ⇄ 255 | 0–100%          |
| 117     | Fine green 10  | 000 ⇄ 255 | 0–100%          |
| 118     | Blue 10        | 000 ⇄ 255 | 0–100%          |
| 119     | Fine blue 10   | 000 ⇄ 255 | 0–100%          |
| 120     | Dimmer 11      | 000 ⇄ 255 | 0–100%          |
| 121     | Fine dimmer 11 | 000 ⇄ 255 | 0–100%          |
| 122     | Red 11         | 000 ⇄ 255 | 0–100%          |
| 123     | Fine red 11    | 000 ⇄ 255 | 0–100%          |
| 124     | Green 1        | 000 ⇄ 255 | 0–100%          |
| 125     | Fine green 11  | 000 ⇄ 255 | 0–100%          |
| 126     | Blue 11        | 000 ⇄ 255 | 0–100%          |
| 127     | Fine blue 11   | 000 ⇄ 255 | 0–100%          |
| 128     | Dimmer 12      | 000 ⇄ 255 | 0–100%          |
| 129     | Fine dimmer 12 | 000 ⇄ 255 | 0–100%          |
| 130     | Red 12         | 000 ⇄ 255 | 0–100%          |
| 131     | Fine red 12    | 000 ⇄ 255 | 0–100%          |
| 132     | Green 12       | 000 ⇄ 255 | 0–100%          |
| 133     | Fine green 12  | 000 ⇄ 255 | 0–100%          |
| 134     | Blue 12        | 000 ⇄ 255 | 0–100%          |
| 135     | Fine blue 12   | 000 ⇄ 255 | 0–100%          |
| 136     | Dimmer 13      | 000 ⇄ 255 | 0–100%          |
| 137     | Fine dimmer 13 | 000 ⇄ 255 | 0–100%          |
| 138     | Red 13         | 000 ⇄ 255 | 0–100%          |
| 139     | Fine red 13    | 000 ⇄ 255 | 0–100%          |
| 140     | Green 13       | 000 ⇄ 255 | 0–100%          |
| 141     | Fine green 13  | 000 ⇄ 255 | 0–100%          |
| 142     | Blue 13        | 000 ⇄ 255 | 0–100%          |
| 143     | Fine blue 13   | 000 ⇄ 255 | 0–100%          |
| 144     | White 13       | 000 ⇄ 255 | 0–100%          |
| 145     | Fine white 13  | 000 ⇄ 255 | 0–100%          |
| 146     | Dimmer 14      | 000 ⇄ 255 | 0–100%          |
| 147     | Fine dimmer 14 | 000 ⇄ 255 | 0–100%          |
| 148     | Red 14         | 000 ⇄ 255 | 0–100%          |
| 149     | Fine red 14    | 000 ⇄ 255 | 0–100%          |
| 150     | Green 14       | 000 ⇄ 255 | 0–100%          |
| 151     | Fine green 14  | 000 ⇄ 255 | 0–100%          |
| 152     | Blue 14        | 000 ⇄ 255 | 0–100%          |
| 153     | Fine blue 14   | 000 ⇄ 255 | 0–100%          |
| 154     | White 14       | 000 ⇄ 255 | 0–100%          |
| 155     | Fine white 14  | 000 ⇄ 255 | 0–100%          |
| 156     | Dimmer 15      | 000 ⇄ 255 | 0–100%          |
| 157     | Fine dimmer 15 | 000 ⇄ 255 | 0–100%          |

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| Channel | Function       | Value     | Percent/Setting |
|---------|----------------|-----------|-----------------|
| 158     | Red 15         | 000 ⇔ 255 | 0–100%          |
| 159     | Fine red 15    | 000 ⇔ 255 | 0–100%          |
| 160     | Green 15       | 000 ⇔ 255 | 0–100%          |
| 161     | Fine green 15  | 000 ⇔ 255 | 0–100%          |
| 162     | Blue 15        | 000 ⇔ 255 | 0–100%          |
| 163     | Fine blue 15   | 000 ⇔ 255 | 0–100%          |
| 164     | White 15       | 000 ⇔ 255 | 0–100%          |
| 165     | Fine white 15  | 000 ⇔ 255 | 0–100%          |
| 166     | Dimmer 16      | 000 ⇔ 255 | 0–100%          |
| 167     | Fine dimmer 16 | 000 ⇔ 255 | 0–100%          |
| 168     | Red 16         | 000 ⇔ 255 | 0–100%          |
| 169     | Fine red 16    | 000 ⇔ 255 | 0–100%          |
| 170     | Green 16       | 000 ⇔ 255 | 0–100%          |
| 171     | Fine green 16  | 000 ⇔ 255 | 0–100%          |
| 172     | Blue 16        | 000 ⇔ 255 | 0–100%          |
| 173     | Fine blue 16   | 000 ⇔ 255 | 0–100%          |
| 174     | White 16       | 000 ⇔ 255 | 0–100%          |
| 175     | Fine white 16  | 000 ⇔ 255 | 0–100%          |
| 176     | Dimmer 17      | 000 ⇔ 255 | 0–100%          |
| 177     | Fine dimmer 17 | 000 ⇔ 255 | 0–100%          |
| 178     | Red 17         | 000 ⇔ 255 | 0–100%          |
| 179     | Fine red 17    | 000 ⇔ 255 | 0–100%          |
| 180     | Green 17       | 000 ⇔ 255 | 0–100%          |
| 181     | Fine green 17  | 000 ⇔ 255 | 0–100%          |
| 182     | Blue 17        | 000 ⇔ 255 | 0–100%          |
| 183     | Fine blue 17   | 000 ⇔ 255 | 0–100%          |
| 184     | White 17       | 000 ⇔ 255 | 0–100%          |
| 185     | Fine white 17  | 000 ⇔ 255 | 0–100%          |
| 186     | Dimmer 18      | 000 ⇔ 255 | 0–100%          |
| 187     | Fine dimmer 18 | 000 ⇔ 255 | 0–100%          |
| 188     | Red 18         | 000 ⇔ 255 | 0–100%          |
| 189     | Fine red 18    | 000 ⇔ 255 | 0–100%          |
| 190     | Green 18       | 000 ⇔ 255 | 0–100%          |
| 191     | Fine green 18  | 000 ⇔ 255 | 0–100%          |
| 192     | Blue 18        | 000 ⇔ 255 | 0–100%          |
| 193     | Fine blue 18   | 000 ⇔ 255 | 0–100%          |
| 194     | White 18       | 000 ⇔ 255 | 0–100%          |
| 195     | Fine white 18  | 000 ⇔ 255 | 0–100%          |
| 196     | Dimmer 19      | 000 ⇔ 255 | 0–100%          |
| 197     | Fine dimmer 19 | 000 ⇔ 255 | 0–100%          |
| 198     | Red 19         | 000 ⇔ 255 | 0–100%          |
| 199     | Fine red 19    | 000 ⇔ 255 | 0–100%          |
| 200     | Green 19       | 000 ⇔ 255 | 0–100%          |
| 201     | Fine green 19  | 000 ⇔ 255 | 0–100%          |
| 202     | Blue 19        | 000 ⇔ 255 | 0–100%          |
| 203     | Fine blue 19   | 000 ⇔ 255 | 0–100%          |
| 204     | White 19       | 000 ⇔ 255 | 0–100%          |
| 205     | Fine white 19  | 000 ⇔ 255 | 0–100%          |

| Channel | Function       | Value     | Percent/Setting |
|---------|----------------|-----------|-----------------|
| 206     | Dimmer 20      | 000 ⇄ 255 | 0–100%          |
| 207     | Fine dimmer 20 | 000 ⇄ 255 | 0–100%          |
| 208     | Red 20         | 000 ⇄ 255 | 0–100%          |
| 209     | Fine red 20    | 000 ⇄ 255 | 0–100%          |
| 210     | Green 20       | 000 ⇄ 255 | 0–100%          |
| 211     | Fine green 20  | 000 ⇄ 255 | 0–100%          |
| 212     | Blue 20        | 000 ⇄ 255 | 0–100%          |
| 213     | Fine blue 20   | 000 ⇄ 255 | 0–100%          |
| 214     | White 20       | 000 ⇄ 255 | 0–100%          |
| 215     | Fine white 20  | 000 ⇄ 255 | 0–100%          |
| 216     | Dimmer 21      | 000 ⇄ 255 | 0–100%          |
| 217     | Fine dimmer 21 | 000 ⇄ 255 | 0–100%          |
| 218     | Red 21         | 000 ⇄ 255 | 0–100%          |
| 219     | Fine red 21    | 000 ⇄ 255 | 0–100%          |
| 220     | Green 21       | 000 ⇄ 255 | 0–100%          |
| 221     | Fine green 21  | 000 ⇄ 255 | 0–100%          |
| 222     | Blue 21        | 000 ⇄ 255 | 0–100%          |
| 223     | Fine blue 21   | 000 ⇄ 255 | 0–100%          |
| 224     | White 21       | 000 ⇄ 255 | 0–100%          |
| 225     | Fine white 21  | 000 ⇄ 255 | 0–100%          |
| 226     | Dimmer 22      | 000 ⇄ 255 | 0–100%          |
| 227     | Fine dimmer 22 | 000 ⇄ 255 | 0–100%          |
| 228     | Red 22         | 000 ⇄ 255 | 0–100%          |
| 229     | Fine red 22    | 000 ⇄ 255 | 0–100%          |
| 230     | Green 22       | 000 ⇄ 255 | 0–100%          |
| 231     | Fine green 22  | 000 ⇄ 255 | 0–100%          |
| 232     | Blue 22        | 000 ⇄ 255 | 0–100%          |
| 233     | Fine blue 22   | 000 ⇄ 255 | 0–100%          |
| 234     | White 22       | 000 ⇄ 255 | 0–100%          |
| 235     | Fine white 22  | 000 ⇄ 255 | 0–100%          |
| 236     | Dimmer 23      | 000 ⇄ 255 | 0–100%          |
| 237     | Fine dimmer 23 | 000 ⇄ 255 | 0–100%          |
| 238     | Red 23         | 000 ⇄ 255 | 0–100%          |
| 239     | Fine red 23    | 000 ⇄ 255 | 0–100%          |
| 240     | Green 23       | 000 ⇄ 255 | 0–100%          |
| 241     | Fine green 23  | 000 ⇄ 255 | 0–100%          |
| 242     | Blue 23        | 000 ⇄ 255 | 0–100%          |
| 243     | Fine blue 23   | 000 ⇄ 255 | 0–100%          |
| 244     | White 23       | 000 ⇄ 255 | 0–100%          |
| 245     | Fine white 23  | 000 ⇄ 255 | 0–100%          |
| 246     | Dimmer 24      | 000 ⇄ 255 | 0–100%          |
| 247     | Fine dimmer 24 | 000 ⇄ 255 | 0–100%          |
| 248     | Red 24         | 000 ⇄ 255 | 0–100%          |
| 249     | Fine red 24    | 000 ⇄ 255 | 0–100%          |
| 250     | Green 24       | 000 ⇄ 255 | 0–100%          |
| 251     | Fine green 24  | 000 ⇄ 255 | 0–100%          |
| 252     | Blue 24        | 000 ⇄ 255 | 0–100%          |
| 253     | Fine blue 24   | 000 ⇄ 255 | 0–100%          |

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| Channel | Function       | Value     | Percent/Setting |
|---------|----------------|-----------|-----------------|
| 254     | White 24       | 000 ⇔ 255 | 0–100%          |
| 255     | Fine white 24  | 000 ⇔ 255 | 0–100%          |
| 256     | Dimmer 25      | 000 ⇔ 255 | 0–100%          |
| 257     | Fine dimmer 25 | 000 ⇔ 255 | 0–100%          |
| 258     | Red 25         | 000 ⇔ 255 | 0–100%          |
| 259     | Fine red 25    | 000 ⇔ 255 | 0–100%          |
| 260     | Green 25       | 000 ⇔ 255 | 0–100%          |
| 261     | Fine green 25  | 000 ⇔ 255 | 0–100%          |
| 262     | Blue 25        | 000 ⇔ 255 | 0–100%          |
| 263     | Fine blue 25   | 000 ⇔ 255 | 0–100%          |
| 264     | White 25       | 000 ⇔ 255 | 0–100%          |
| 265     | Fine white 25  | 000 ⇔ 255 | 0–100%          |
| 266     | Dimmer 26      | 000 ⇔ 255 | 0–100%          |
| 267     | Fine dimmer 26 | 000 ⇔ 255 | 0–100%          |
| 268     | Red 26         | 000 ⇔ 255 | 0–100%          |
| 269     | Fine red 26    | 000 ⇔ 255 | 0–100%          |
| 270     | Green 26       | 000 ⇔ 255 | 0–100%          |
| 271     | Fine green 26  | 000 ⇔ 255 | 0–100%          |
| 272     | Blue 26        | 000 ⇔ 255 | 0–100%          |
| 273     | Fine blue 26   | 000 ⇔ 255 | 0–100%          |
| 274     | White 26       | 000 ⇔ 255 | 0–100%          |
| 275     | Fine white 26  | 000 ⇔ 255 | 0–100%          |
| 276     | Dimmer 27      | 000 ⇔ 255 | 0–100%          |
| 277     | Fine dimmer 27 | 000 ⇔ 255 | 0–100%          |
| 278     | Red 27         | 000 ⇔ 255 | 0–100%          |
| 279     | Fine red 27    | 000 ⇔ 255 | 0–100%          |
| 280     | Green 27       | 000 ⇔ 255 | 0–100%          |
| 281     | Fine green 27  | 000 ⇔ 255 | 0–100%          |
| 282     | Blue 27        | 000 ⇔ 255 | 0–100%          |
| 283     | Fine blue 27   | 000 ⇔ 255 | 0–100%          |
| 284     | White 27       | 000 ⇔ 255 | 0–100%          |
| 285     | Fine white 27  | 000 ⇔ 255 | 0–100%          |
| 286     | Dimmer 28      | 000 ⇔ 255 | 0–100%          |
| 287     | Fine dimmer 28 | 000 ⇔ 255 | 0–100%          |
| 288     | Red 28         | 000 ⇔ 255 | 0–100%          |
| 289     | Fine red 28    | 000 ⇔ 255 | 0–100%          |
| 290     | Green 28       | 000 ⇔ 255 | 0–100%          |
| 291     | Fine green 28  | 000 ⇔ 255 | 0–100%          |
| 292     | Blue 28        | 000 ⇔ 255 | 0–100%          |
| 293     | Fine blue 28   | 000 ⇔ 255 | 0–100%          |
| 294     | White 28       | 000 ⇔ 255 | 0–100%          |
| 295     | Fine white 28  | 000 ⇔ 255 | 0–100%          |
| 296     | Dimmer 29      | 000 ⇔ 255 | 0–100%          |
| 297     | Fine dimmer 29 | 000 ⇔ 255 | 0–100%          |
| 298     | Red 29         | 000 ⇔ 255 | 0–100%          |
| 299     | Fine red 29    | 000 ⇔ 255 | 0–100%          |
| 300     | Green 29       | 000 ⇔ 255 | 0–100%          |
| 301     | Fine green 29  | 000 ⇔ 255 | 0–100%          |

| Channel | Function       | Value     | Percent/Setting |
|---------|----------------|-----------|-----------------|
| 302     | Blue 29        | 000 ⇔ 255 | 0–100%          |
| 303     | Fine blue 29   | 000 ⇔ 255 | 0–100%          |
| 304     | White 29       | 000 ⇔ 255 | 0–100%          |
| 305     | Fine white 29  | 000 ⇔ 255 | 0–100%          |
| 306     | Dimmer 30      | 000 ⇔ 255 | 0–100%          |
| 307     | Fine dimmer 30 | 000 ⇔ 255 | 0–100%          |
| 308     | Red 30         | 000 ⇔ 255 | 0–100%          |
| 309     | Fine red 30    | 000 ⇔ 255 | 0–100%          |
| 310     | Green 30       | 000 ⇔ 255 | 0–100%          |
| 311     | Fine green 30  | 000 ⇔ 255 | 0–100%          |
| 312     | Blue 30        | 000 ⇔ 255 | 0–100%          |
| 313     | Fine blue 30   | 000 ⇔ 255 | 0–100%          |
| 314     | White 30       | 000 ⇔ 255 | 0–100%          |
| 315     | Fine white 30  | 000 ⇔ 255 | 0–100%          |
| 316     | Dimmer 31      | 000 ⇔ 255 | 0–100%          |
| 317     | Fine dimmer 31 | 000 ⇔ 255 | 0–100%          |
| 318     | Red 31         | 000 ⇔ 255 | 0–100%          |
| 319     | Fine red 31    | 000 ⇔ 255 | 0–100%          |
| 320     | Green 31       | 000 ⇔ 255 | 0–100%          |
| 321     | Fine green 31  | 000 ⇔ 255 | 0–100%          |
| 322     | Blue 31        | 000 ⇔ 255 | 0–100%          |
| 323     | Fine blue 31   | 000 ⇔ 255 | 0–100%          |
| 324     | White 31       | 000 ⇔ 255 | 0–100%          |
| 325     | Fine white 31  | 000 ⇔ 255 | 0–100%          |

**Advanced (263 channels)**

| Channel | Function                         | Value     | Percent/Setting                               |
|---------|----------------------------------|-----------|---|
| 1       | Pan                              | 000 ⇔ 255 | 0–100%  |
| 2       | Fine pan                         | 000 ⇔ 255 | 0–100%  |
| 3       | Tilt                             | 000 ⇔ 255 | 0–100%  |
| 4       | Fine tilt                        | 000 ⇔ 255 | 0–100%  |
| 5       | Pan/tilt speed                   | 000 ⇔ 255 | Pan/tilt speed, fast to slow                  |
| 6       | Ring CTC                         | 000       | No function                                   |
|         |                                  | 001 ⇔ 255 | Color temperature correction, 19000K to 2700K |
| 7       | Main CTC                         | 000       | No function                                   |
|         |                                  | 001 ⇔ 255 | Color temperature correction, 19000K to 2700K |
| 8       | Ring foreground color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>           |
| 9       | Main foreground color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>           |
| 10      | Ring gobo                        | 000 ⇔ 004 | No function                                   |
|         |                                  | 005 ⇔ 255 | Gobos (indexed)                               |
| 11      | Main gobo                        | 000       | No function                                   |
|         |                                  | 001 ⇔ 255 | Gobos (indexed)                               |
| 12      | Ring LED macro/Automatic program | 000 ⇔ 005 | No function                                   |
|         |                                  | 006 ⇔ 115 | LED macros                                    |
|         |                                  | 116 ⇔ 215 | Automatic programs                            |
|         |                                  | 216 ⇔ 255 | No function                                   |



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| Channel | Function                         | Value     | Percent/Setting                       |
|---------|----------------------------------|-----------|---------------------------------------|
| 13      | Ring macro/program speed         | 000 ⇔ 127 | Macro/program speed, fast to slow     |
|         |                                  | 128       | Stop                                  |
|         |                                  | 129 ⇔ 255 | Reverse macro/program, slow to fast   |
| 14      | Ring LED delay                   | 000 ⇔ 255 | Built-in LED delay, short to long     |
| 15      | Main LED macro/Automatic program | 000 ⇔ 015 | No function                           |
|         |                                  | 016 ⇔ 135 | LED macros                            |
|         |                                  | 136 ⇔ 255 | Automatic programs                    |
| 16      | Main macro/program speed         | 000 ⇔ 127 | Macro/program speed, fast to slow     |
|         |                                  | 128       | Stop                                  |
|         |                                  | 129 ⇔ 255 | Reverse macro/program, slow to fast   |
| 17      | Main LED delay                   | 000 ⇔ 255 | Built-in LED delay, short to long     |
| 18      | Ring background color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>   |
| 19      | Ring background dimmer           | 000 ⇔ 255 | 0–100%                                |
| 20      | Ring background fine dimmer      | 000 ⇔ 255 | 0–100%                                |
| 21      | Main background color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>   |
| 22      | Main background dimmer           | 000 ⇔ 255 | 0–100%                                |
| 23      | Main background fine dimmer      | 000 ⇔ 255 | 0–100%                                |
| 24      | Ring foreground dimmer           | 000 ⇔ 255 | 0–100%                                |
| 25      | Ring foreground fine dimmer      | 000 ⇔ 255 | 0–100%                                |
| 26      | Main foreground dimmer           | 000 ⇔ 255 | 0–100%                                |
| 27      | Main foreground fine dimmer      | 000 ⇔ 255 | 0–100%                                |
| 28      | Ring strobe                      | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>  |
| 29      | Main strobe                      | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>  |
| 30      | Zoom                             | 000 ⇔ 255 | Zoom, narrow to wide                  |
| 31      | Control                          | 000 ⇔ 255 | See the <a href="#">Control Chart</a> |
| 32      | All foreground red               | 000 ⇔ 255 | 0–100%                                |
| 33      | All foreground fine red          | 000 ⇔ 255 | 0–100%                                |
| 34      | All foreground green             | 000 ⇔ 255 | 0–100%                                |
| 35      | All foreground fine green        | 000 ⇔ 255 | 0–100%                                |
| 36      | All foreground blue              | 000 ⇔ 255 | 0–100%                                |
| 37      | All foreground fine blue         | 000 ⇔ 255 | 0–100%                                |
| 38      | All foreground white             | 000 ⇔ 255 | 0–100%                                |
| 39      | All foreground fine white        | 000 ⇔ 255 | 0–100%                                |
| 40      | Red 1                            | 000 ⇔ 255 | 0–100%                                |
| 41      | Fine red 1                       | 000 ⇔ 255 | 0–100%                                |
| 42      | Green 1                          | 000 ⇔ 255 | 0–100%                                |
| 43      | Fine green 1                     | 000 ⇔ 255 | 0–100%                                |
| 44      | Blue 1                           | 000 ⇔ 255 | 0–100%                                |
| 45      | Fine blue 1                      | 000 ⇔ 255 | 0–100%                                |
| 46      | Red 2                            | 000 ⇔ 255 | 0–100%                                |
| 47      | Fine red 2                       | 000 ⇔ 255 | 0–100%                                |
| 48      | Green 2                          | 000 ⇔ 255 | 0–100%                                |
| 49      | Fine green 2                     | 000 ⇔ 255 | 0–100%                                |
| 50      | Blue 2                           | 000 ⇔ 255 | 0–100%                                |
| 51      | Fine blue 2                      | 000 ⇔ 255 | 0–100%                                |
| 52      | Red 3                            | 000 ⇔ 255 | 0–100%                                |
| 53      | Fine red 3                       | 000 ⇔ 255 | 0–100%                                |
| 54      | Green 3                          | 000 ⇔ 255 | 0–100%                                |

| Channel | Function      | Value     | Percent/Setting |
|---------|---------------|-----------|-----------------|
| 55      | Fine green 3  | 000 ⇄ 255 | 0–100%          |
| 56      | Blue 3        | 000 ⇄ 255 | 0–100%          |
| 57      | Fine blue 3   | 000 ⇄ 255 | 0–100%          |
| 58      | Red 4         | 000 ⇄ 255 | 0–100%          |
| 59      | Fine red 4    | 000 ⇄ 255 | 0–100%          |
| 60      | Green 4       | 000 ⇄ 255 | 0–100%          |
| 61      | Fine green 4  | 000 ⇄ 255 | 0–100%          |
| 62      | Blue 4        | 000 ⇄ 255 | 0–100%          |
| 63      | Fine blue 4   | 000 ⇄ 255 | 0–100%          |
| 64      | Red 5         | 000 ⇄ 255 | 0–100%          |
| 65      | Fine red 5    | 000 ⇄ 255 | 0–100%          |
| 66      | Green 5       | 000 ⇄ 255 | 0–100%          |
| 67      | Fine green 5  | 000 ⇄ 255 | 0–100%          |
| 68      | Blue 5        | 000 ⇄ 255 | 0–100%          |
| 69      | Fine blue 5   | 000 ⇄ 255 | 0–100%          |
| 70      | Red 6         | 000 ⇄ 255 | 0–100%          |
| 71      | Fine red 6    | 000 ⇄ 255 | 0–100%          |
| 72      | Green 6       | 000 ⇄ 255 | 0–100%          |
| 73      | Fine green 6  | 000 ⇄ 255 | 0–100%          |
| 74      | Blue 6        | 000 ⇄ 255 | 0–100%          |
| 75      | Fine blue 6   | 000 ⇄ 255 | 0–100%          |
| 76      | Red 7         | 000 ⇄ 255 | 0–100%          |
| 77      | Fine red 7    | 000 ⇄ 255 | 0–100%          |
| 78      | Green 7       | 000 ⇄ 255 | 0–100%          |
| 79      | Fine green 7  | 000 ⇄ 255 | 0–100%          |
| 80      | Blue 7        | 000 ⇄ 255 | 0–100%          |
| 81      | Fine blue 7   | 000 ⇄ 255 | 0–100%          |
| 82      | Red 8         | 000 ⇄ 255 | 0–100%          |
| 83      | Fine red 8    | 000 ⇄ 255 | 0–100%          |
| 84      | Green 8       | 000 ⇄ 255 | 0–100%          |
| 85      | Fine green 8  | 000 ⇄ 255 | 0–100%          |
| 86      | Blue 8        | 000 ⇄ 255 | 0–100%          |
| 87      | Fine blue 8   | 000 ⇄ 255 | 0–100%          |
| 88      | Red 9         | 000 ⇄ 255 | 0–100%          |
| 89      | Fine red 9    | 000 ⇄ 255 | 0–100%          |
| 90      | Green 9       | 000 ⇄ 255 | 0–100%          |
| 91      | Fine green 9  | 000 ⇄ 255 | 0–100%          |
| 92      | Blue 9        | 000 ⇄ 255 | 0–100%          |
| 93      | Fine blue 9   | 000 ⇄ 255 | 0–100%          |
| 94      | Red 10        | 000 ⇄ 255 | 0–100%          |
| 95      | Fine red 10   | 000 ⇄ 255 | 0–100%          |
| 96      | Green 10      | 000 ⇄ 255 | 0–100%          |
| 97      | Fine green 10 | 000 ⇄ 255 | 0–100%          |
| 98      | Blue 10       | 000 ⇄ 255 | 0–100%          |
| 99      | Fine blue 10  | 000 ⇄ 255 | 0–100%          |
| 100     | Red 11        | 000 ⇄ 255 | 0–100%          |
| 101     | Fine red 11   | 000 ⇄ 255 | 0–100%          |
| 102     | Green 1       | 000 ⇄ 255 | 0–100%          |

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| Channel | Function      | Value     | Percent/Setting |
|---------|---------------|-----------|-----------------|
| 103     | Fine green 11 | 000 ⇔ 255 | 0–100%          |
| 104     | Blue 11       | 000 ⇔ 255 | 0–100%          |
| 105     | Fine blue 11  | 000 ⇔ 255 | 0–100%          |
| 106     | Red 12        | 000 ⇔ 255 | 0–100%          |
| 107     | Fine red 12   | 000 ⇔ 255 | 0–100%          |
| 108     | Green 12      | 000 ⇔ 255 | 0–100%          |
| 109     | Fine green 12 | 000 ⇔ 255 | 0–100%          |
| 110     | Blue 12       | 000 ⇔ 255 | 0–100%          |
| 111     | Fine blue 12  | 000 ⇔ 255 | 0–100%          |
| 112     | Red 13        | 000 ⇔ 255 | 0–100%          |
| 113     | Fine red 13   | 000 ⇔ 255 | 0–100%          |
| 114     | Green 13      | 000 ⇔ 255 | 0–100%          |
| 115     | Fine green 13 | 000 ⇔ 255 | 0–100%          |
| 116     | Blue 13       | 000 ⇔ 255 | 0–100%          |
| 117     | Fine blue 13  | 000 ⇔ 255 | 0–100%          |
| 118     | White 13      | 000 ⇔ 255 | 0–100%          |
| 119     | Fine white 13 | 000 ⇔ 255 | 0–100%          |
| 120     | Red 14        | 000 ⇔ 255 | 0–100%          |
| 121     | Fine red 14   | 000 ⇔ 255 | 0–100%          |
| 122     | Green 14      | 000 ⇔ 255 | 0–100%          |
| 123     | Fine green 14 | 000 ⇔ 255 | 0–100%          |
| 124     | Blue 14       | 000 ⇔ 255 | 0–100%          |
| 125     | Fine blue 14  | 000 ⇔ 255 | 0–100%          |
| 126     | White 14      | 000 ⇔ 255 | 0–100%          |
| 127     | Fine white 14 | 000 ⇔ 255 | 0–100%          |
| 128     | Red 15        | 000 ⇔ 255 | 0–100%          |
| 129     | Fine red 15   | 000 ⇔ 255 | 0–100%          |
| 130     | Green 15      | 000 ⇔ 255 | 0–100%          |
| 131     | Fine green 15 | 000 ⇔ 255 | 0–100%          |
| 132     | Blue 15       | 000 ⇔ 255 | 0–100%          |
| 133     | Fine blue 15  | 000 ⇔ 255 | 0–100%          |
| 134     | White 15      | 000 ⇔ 255 | 0–100%          |
| 135     | Fine white 15 | 000 ⇔ 255 | 0–100%          |
| 136     | Red 16        | 000 ⇔ 255 | 0–100%          |
| 137     | Fine red 16   | 000 ⇔ 255 | 0–100%          |
| 138     | Green 16      | 000 ⇔ 255 | 0–100%          |
| 139     | Fine green 16 | 000 ⇔ 255 | 0–100%          |
| 140     | Blue 16       | 000 ⇔ 255 | 0–100%          |
| 141     | Fine blue 16  | 000 ⇔ 255 | 0–100%          |
| 142     | White 16      | 000 ⇔ 255 | 0–100%          |
| 143     | Fine white 16 | 000 ⇔ 255 | 0–100%          |
| 144     | Red 17        | 000 ⇔ 255 | 0–100%          |
| 145     | Fine red 17   | 000 ⇔ 255 | 0–100%          |
| 146     | Green 17      | 000 ⇔ 255 | 0–100%          |
| 147     | Fine green 17 | 000 ⇔ 255 | 0–100%          |
| 148     | Blue 17       | 000 ⇔ 255 | 0–100%          |
| 149     | Fine blue 17  | 000 ⇔ 255 | 0–100%          |
| 150     | White 17      | 000 ⇔ 255 | 0–100%          |

| Channel | Function      | Value     | Percent/Setting |
|---------|---------------|-----------|-----------------|
| 151     | Fine white 17 | 000 ⇔ 255 | 0–100%          |
| 152     | Red 18        | 000 ⇔ 255 | 0–100%          |
| 153     | Fine red 18   | 000 ⇔ 255 | 0–100%          |
| 154     | Green 18      | 000 ⇔ 255 | 0–100%          |
| 155     | Fine green 18 | 000 ⇔ 255 | 0–100%          |
| 156     | Blue 18       | 000 ⇔ 255 | 0–100%          |
| 157     | Fine blue 18  | 000 ⇔ 255 | 0–100%          |
| 158     | White 18      | 000 ⇔ 255 | 0–100%          |
| 159     | Fine white 18 | 000 ⇔ 255 | 0–100%          |
| 160     | Red 19        | 000 ⇔ 255 | 0–100%          |
| 161     | Fine red 19   | 000 ⇔ 255 | 0–100%          |
| 162     | Green 19      | 000 ⇔ 255 | 0–100%          |
| 163     | Fine green 19 | 000 ⇔ 255 | 0–100%          |
| 164     | Blue 19       | 000 ⇔ 255 | 0–100%          |
| 165     | Fine blue 19  | 000 ⇔ 255 | 0–100%          |
| 166     | White 19      | 000 ⇔ 255 | 0–100%          |
| 167     | Fine white 19 | 000 ⇔ 255 | 0–100%          |
| 168     | Red 20        | 000 ⇔ 255 | 0–100%          |
| 169     | Fine red 20   | 000 ⇔ 255 | 0–100%          |
| 170     | Green 20      | 000 ⇔ 255 | 0–100%          |
| 171     | Fine green 20 | 000 ⇔ 255 | 0–100%          |
| 172     | Blue 20       | 000 ⇔ 255 | 0–100%          |
| 173     | Fine blue 20  | 000 ⇔ 255 | 0–100%          |
| 174     | White 20      | 000 ⇔ 255 | 0–100%          |
| 175     | Fine white 20 | 000 ⇔ 255 | 0–100%          |
| 176     | Red 21        | 000 ⇔ 255 | 0–100%          |
| 177     | Fine red 21   | 000 ⇔ 255 | 0–100%          |
| 178     | Green 21      | 000 ⇔ 255 | 0–100%          |
| 179     | Fine green 21 | 000 ⇔ 255 | 0–100%          |
| 180     | Blue 21       | 000 ⇔ 255 | 0–100%          |
| 181     | Fine blue 21  | 000 ⇔ 255 | 0–100%          |
| 182     | White 21      | 000 ⇔ 255 | 0–100%          |
| 183     | Fine white 21 | 000 ⇔ 255 | 0–100%          |
| 184     | Red 22        | 000 ⇔ 255 | 0–100%          |
| 185     | Fine red 22   | 000 ⇔ 255 | 0–100%          |
| 186     | Green 22      | 000 ⇔ 255 | 0–100%          |
| 187     | Fine green 22 | 000 ⇔ 255 | 0–100%          |
| 188     | Blue 22       | 000 ⇔ 255 | 0–100%          |
| 189     | Fine blue 22  | 000 ⇔ 255 | 0–100%          |
| 190     | White 22      | 000 ⇔ 255 | 0–100%          |
| 191     | Fine white 22 | 000 ⇔ 255 | 0–100%          |
| 192     | Red 23        | 000 ⇔ 255 | 0–100%          |
| 193     | Fine red 23   | 000 ⇔ 255 | 0–100%          |
| 194     | Green 23      | 000 ⇔ 255 | 0–100%          |
| 195     | Fine green 23 | 000 ⇔ 255 | 0–100%          |
| 196     | Blue 23       | 000 ⇔ 255 | 0–100%          |
| 197     | Fine blue 23  | 000 ⇔ 255 | 0–100%          |
| 198     | White 23      | 000 ⇔ 255 | 0–100%          |

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| Channel | Function      | Value     | Percent/Setting |
|---------|---------------|-----------|-----------------|
| 199     | Fine white 23 | 000 ⇔ 255 | 0–100%          |
| 200     | Red 24        | 000 ⇔ 255 | 0–100%          |
| 201     | Fine red 24   | 000 ⇔ 255 | 0–100%          |
| 202     | Green 24      | 000 ⇔ 255 | 0–100%          |
| 203     | Fine green 24 | 000 ⇔ 255 | 0–100%          |
| 204     | Blue 24       | 000 ⇔ 255 | 0–100%          |
| 205     | Fine blue 24  | 000 ⇔ 255 | 0–100%          |
| 206     | White 24      | 000 ⇔ 255 | 0–100%          |
| 207     | Fine white 24 | 000 ⇔ 255 | 0–100%          |
| 208     | Red 25        | 000 ⇔ 255 | 0–100%          |
| 209     | Fine red 25   | 000 ⇔ 255 | 0–100%          |
| 210     | Green 25      | 000 ⇔ 255 | 0–100%          |
| 211     | Fine green 25 | 000 ⇔ 255 | 0–100%          |
| 212     | Blue 25       | 000 ⇔ 255 | 0–100%          |
| 213     | Fine blue 25  | 000 ⇔ 255 | 0–100%          |
| 214     | White 25      | 000 ⇔ 255 | 0–100%          |
| 215     | Fine white 25 | 000 ⇔ 255 | 0–100%          |
| 216     | Red 26        | 000 ⇔ 255 | 0–100%          |
| 217     | Fine red 26   | 000 ⇔ 255 | 0–100%          |
| 218     | Green 26      | 000 ⇔ 255 | 0–100%          |
| 219     | Fine green 26 | 000 ⇔ 255 | 0–100%          |
| 220     | Blue 26       | 000 ⇔ 255 | 0–100%          |
| 221     | Fine blue 26  | 000 ⇔ 255 | 0–100%          |
| 222     | White 26      | 000 ⇔ 255 | 0–100%          |
| 223     | Fine white 26 | 000 ⇔ 255 | 0–100%          |
| 224     | Red 27        | 000 ⇔ 255 | 0–100%          |
| 225     | Fine red 27   | 000 ⇔ 255 | 0–100%          |
| 226     | Green 27      | 000 ⇔ 255 | 0–100%          |
| 227     | Fine green 27 | 000 ⇔ 255 | 0–100%          |
| 228     | Blue 27       | 000 ⇔ 255 | 0–100%          |
| 229     | Fine blue 27  | 000 ⇔ 255 | 0–100%          |
| 230     | White 27      | 000 ⇔ 255 | 0–100%          |
| 231     | Fine white 27 | 000 ⇔ 255 | 0–100%          |
| 232     | Red 28        | 000 ⇔ 255 | 0–100%          |
| 233     | Fine red 28   | 000 ⇔ 255 | 0–100%          |
| 234     | Green 28      | 000 ⇔ 255 | 0–100%          |
| 235     | Fine green 28 | 000 ⇔ 255 | 0–100%          |
| 236     | Blue 28       | 000 ⇔ 255 | 0–100%          |
| 237     | Fine blue 28  | 000 ⇔ 255 | 0–100%          |
| 238     | White 28      | 000 ⇔ 255 | 0–100%          |
| 239     | Fine white 28 | 000 ⇔ 255 | 0–100%          |
| 240     | Red 29        | 000 ⇔ 255 | 0–100%          |
| 241     | Fine red 29   | 000 ⇔ 255 | 0–100%          |
| 242     | Green 29      | 000 ⇔ 255 | 0–100%          |
| 243     | Fine green 29 | 000 ⇔ 255 | 0–100%          |
| 244     | Blue 29       | 000 ⇔ 255 | 0–100%          |
| 245     | Fine blue 29  | 000 ⇔ 255 | 0–100%          |
| 246     | White 29      | 000 ⇔ 255 | 0–100%          |

| Channel | Function      | Value     | Percent/Setting |
|---------|---------------|-----------|-----------------|
| 247     | Fine white 29 | 000 ⇔ 255 | 0–100%          |
| 248     | Red 30        | 000 ⇔ 255 | 0–100%          |
| 249     | Fine red 30   | 000 ⇔ 255 | 0–100%          |
| 250     | Green 30      | 000 ⇔ 255 | 0–100%          |
| 251     | Fine green 30 | 000 ⇔ 255 | 0–100%          |
| 252     | Blue 30       | 000 ⇔ 255 | 0–100%          |
| 253     | Fine blue 30  | 000 ⇔ 255 | 0–100%          |
| 254     | White 30      | 000 ⇔ 255 | 0–100%          |
| 255     | Fine white 30 | 000 ⇔ 255 | 0–100%          |
| 256     | Red 31        | 000 ⇔ 255 | 0–100%          |
| 257     | Fine red 31   | 000 ⇔ 255 | 0–100%          |
| 258     | Green 31      | 000 ⇔ 255 | 0–100%          |
| 259     | Fine green 31 | 000 ⇔ 255 | 0–100%          |
| 260     | Blue 31       | 000 ⇔ 255 | 0–100%          |
| 261     | Fine blue 31  | 000 ⇔ 255 | 0–100%          |
| 262     | White 31      | 000 ⇔ 255 | 0–100%          |
| 263     | Fine white 31 | 000 ⇔ 255 | 0–100%          |

**Standard (143 channels)**

| Channel | Function                         | Value     | Percent/Setting                               |
|---------|----------------------------------|-----------|---|
| 1       | Pan                              | 000 ⇔ 255 | 0–100%  |
| 2       | Fine pan                         | 000 ⇔ 255 | 0–100%  |
| 3       | Tilt                             | 000 ⇔ 255 | 0–100%  |
| 4       | Fine tilt                        | 000 ⇔ 255 | 0–100%  |
| 5       | Pan/tilt speed                   | 000 ⇔ 255 | Pan/tilt speed, fast to slow                  |
| 6       | Ring CTC                         | 000       | No function                                   |
|         |                                  | 001 ⇔ 255 | Color temperature correction, 19000K to 2700K |
| 7       | Main CTC                         | 000       | No function                                   |
|         |                                  | 001 ⇔ 255 | Color temperature correction, 19000K to 2700K |
| 8       | Ring foreground color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>           |
| 9       | Main foreground color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>           |
| 10      | Ring gobo                        | 000 ⇔ 004 | No function                                   |
|         |                                  | 005 ⇔ 255 | Gobos (indexed)                               |
| 11      | Main gobo                        | 000       | No function                                   |
|         |                                  | 001 ⇔ 255 | Gobos (indexed)                               |
| 12      | Ring LED macro/Automatic program | 000 ⇔ 005 | No function                                   |
|         |                                  | 006 ⇔ 115 | LED macros                                    |
|         |                                  | 116 ⇔ 215 | Automatic programs                            |
|         |                                  | 216 ⇔ 255 | No function                                   |
| 13      | Ring macro/program speed         | 000 ⇔ 127 | Macro/program speed, fast to slow             |
|         |                                  | 128       | Stop  |
|         |                                  | 129 ⇔ 255 | Reverse macro/program, slow to fast           |
| 14      | Ring LED delay                   | 000 ⇔ 255 | Built-in LED delay, short to long             |
| 15      | Main LED macro/Automatic program | 000 ⇔ 015 | No function                                   |
|         |                                  | 016 ⇔ 135 | LED macros                                    |
|         |                                  | 136 ⇔ 255 | Automatic programs                            |

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| Channel | Function                 | Value     | Percent/Setting                       |
|---------|--------------------------|-----------|---------------------------------------|
| 16      | Main macro/program speed | 000 ⇔ 127 | Macro/program speed, fast to slow     |
|         |                          | 128       | Stop                                  |
|         |                          | 129 ⇔ 255 | Reverse macro/program, slow to fast   |
| 17      | Main LED delay           | 000 ⇔ 255 | Built-in LED delay, short to long     |
| 18      | Ring background color    | 000 ⇔ 255 | See the <a href="#">Color Chart</a>   |
| 19      | Ring background dimmer   | 000 ⇔ 255 | 0–100%                                |
| 20      | Main background color    | 000 ⇔ 255 | See the <a href="#">Color Chart</a>   |
| 21      | Main background dimmer   | 000 ⇔ 255 | 0–100%                                |
| 22      | Ring foreground dimmer   | 000 ⇔ 255 | 0–100%                                |
| 23      | Main foreground dimmer   | 000 ⇔ 255 | 0–100%                                |
| 24      | Ring strobe              | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>  |
| 25      | Main strobe              | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>  |
| 26      | Zoom                     | 000 ⇔ 255 | Zoom, narrow to wide                  |
| 27      | Control                  | 000 ⇔ 255 | See the <a href="#">Control Chart</a> |
| 28      | All foreground red       | 000 ⇔ 255 | 0–100%                                |
| 29      | All foreground green     | 000 ⇔ 255 | 0–100%                                |
| 30      | All foreground blue      | 000 ⇔ 255 | 0–100%                                |
| 31      | All foreground white     | 000 ⇔ 255 | 0–100%                                |
| 32      | Red 1                    | 000 ⇔ 255 | 0–100%                                |
| 33      | Green 1                  | 000 ⇔ 255 | 0–100%                                |
| 34      | Blue 1                   | 000 ⇔ 255 | 0–100%                                |
| 35      | Red 2                    | 000 ⇔ 255 | 0–100%                                |
| 36      | Green 2                  | 000 ⇔ 255 | 0–100%                                |
| 37      | Blue 2                   | 000 ⇔ 255 | 0–100%                                |
| 38      | Red 3                    | 000 ⇔ 255 | 0–100%                                |
| 39      | Green 3                  | 000 ⇔ 255 | 0–100%                                |
| 40      | Blue 3                   | 000 ⇔ 255 | 0–100%                                |
| 41      | Red 4                    | 000 ⇔ 255 | 0–100%                                |
| 42      | Green 4                  | 000 ⇔ 255 | 0–100%                                |
| 43      | Blue 4                   | 000 ⇔ 255 | 0–100%                                |
| 44      | Red 5                    | 000 ⇔ 255 | 0–100%                                |
| 45      | Green 5                  | 000 ⇔ 255 | 0–100%                                |
| 46      | Blue 5                   | 000 ⇔ 255 | 0–100%                                |
| 47      | Red 6                    | 000 ⇔ 255 | 0–100%                                |
| 48      | Green 6                  | 000 ⇔ 255 | 0–100%                                |
| 49      | Blue 6                   | 000 ⇔ 255 | 0–100%                                |
| 50      | Red 7                    | 000 ⇔ 255 | 0–100%                                |
| 51      | Green 7                  | 000 ⇔ 255 | 0–100%                                |
| 52      | Blue 7                   | 000 ⇔ 255 | 0–100%                                |
| 53      | Red 8                    | 000 ⇔ 255 | 0–100%                                |
| 54      | Green 8                  | 000 ⇔ 255 | 0–100%                                |
| 55      | Blue 8                   | 000 ⇔ 255 | 0–100%                                |
| 56      | Red 9                    | 000 ⇔ 255 | 0–100%                                |
| 57      | Green 9                  | 000 ⇔ 255 | 0–100%                                |
| 58      | Blue 9                   | 000 ⇔ 255 | 0–100%                                |
| 59      | Red 10                   | 000 ⇔ 255 | 0–100%                                |
| 60      | Green 10                 | 000 ⇔ 255 | 0–100%                                |
| 61      | Blue 10                  | 000 ⇔ 255 | 0–100%                                |

| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 62      | Red 11   | 000 ⇄ 255 | 0–100%          |
| 63      | Green 1  | 000 ⇄ 255 | 0–100%          |
| 64      | Blue 11  | 000 ⇄ 255 | 0–100%          |
| 65      | Red 12   | 000 ⇄ 255 | 0–100%          |
| 66      | Green 12 | 000 ⇄ 255 | 0–100%          |
| 67      | Blue 12  | 000 ⇄ 255 | 0–100%          |
| 68      | Red 13   | 000 ⇄ 255 | 0–100%          |
| 69      | Green 13 | 000 ⇄ 255 | 0–100%          |
| 70      | Blue 13  | 000 ⇄ 255 | 0–100%          |
| 71      | White 13 | 000 ⇄ 255 | 0–100%          |
| 72      | Red 14   | 000 ⇄ 255 | 0–100%          |
| 73      | Green 14 | 000 ⇄ 255 | 0–100%          |
| 74      | Blue 14  | 000 ⇄ 255 | 0–100%          |
| 75      | White 14 | 000 ⇄ 255 | 0–100%          |
| 76      | Red 15   | 000 ⇄ 255 | 0–100%          |
| 77      | Green 15 | 000 ⇄ 255 | 0–100%          |
| 78      | Blue 15  | 000 ⇄ 255 | 0–100%          |
| 79      | White 15 | 000 ⇄ 255 | 0–100%          |
| 80      | Red 16   | 000 ⇄ 255 | 0–100%          |
| 81      | Green 16 | 000 ⇄ 255 | 0–100%          |
| 82      | Blue 16  | 000 ⇄ 255 | 0–100%          |
| 83      | White 16 | 000 ⇄ 255 | 0–100%          |
| 84      | Red 17   | 000 ⇄ 255 | 0–100%          |
| 85      | Green 17 | 000 ⇄ 255 | 0–100%          |
| 86      | Blue 17  | 000 ⇄ 255 | 0–100%          |
| 87      | White 17 | 000 ⇄ 255 | 0–100%          |
| 88      | Red 18   | 000 ⇄ 255 | 0–100%          |
| 89      | Green 18 | 000 ⇄ 255 | 0–100%          |
| 90      | Blue 18  | 000 ⇄ 255 | 0–100%          |
| 91      | White 18 | 000 ⇄ 255 | 0–100%          |
| 92      | Red 19   | 000 ⇄ 255 | 0–100%          |
| 93      | Green 19 | 000 ⇄ 255 | 0–100%          |
| 94      | Blue 19  | 000 ⇄ 255 | 0–100%          |
| 95      | White 19 | 000 ⇄ 255 | 0–100%          |
| 96      | Red 20   | 000 ⇄ 255 | 0–100%          |
| 97      | Green 20 | 000 ⇄ 255 | 0–100%          |
| 98      | Blue 20  | 000 ⇄ 255 | 0–100%          |
| 99      | White 20 | 000 ⇄ 255 | 0–100%          |
| 100     | Red 21   | 000 ⇄ 255 | 0–100%          |
| 101     | Green 21 | 000 ⇄ 255 | 0–100%          |
| 102     | Blue 21  | 000 ⇄ 255 | 0–100%          |
| 103     | White 21 | 000 ⇄ 255 | 0–100%          |
| 104     | Red 22   | 000 ⇄ 255 | 0–100%          |
| 105     | Green 22 | 000 ⇄ 255 | 0–100%          |
| 106     | Blue 22  | 000 ⇄ 255 | 0–100%          |
| 107     | White 22 | 000 ⇄ 255 | 0–100%          |
| 108     | Red 23   | 000 ⇄ 255 | 0–100%          |
| 109     | Green 23 | 000 ⇄ 255 | 0–100%          |



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| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 110     | Blue 23  | 000 ⇔ 255 | 0–100%          |
| 111     | White 23 | 000 ⇔ 255 | 0–100%          |
| 112     | Red 24   | 000 ⇔ 255 | 0–100%          |
| 113     | Green 24 | 000 ⇔ 255 | 0–100%          |
| 114     | Blue 24  | 000 ⇔ 255 | 0–100%          |
| 115     | White 24 | 000 ⇔ 255 | 0–100%          |
| 116     | Red 25   | 000 ⇔ 255 | 0–100%          |
| 117     | Green 25 | 000 ⇔ 255 | 0–100%          |
| 118     | Blue 25  | 000 ⇔ 255 | 0–100%          |
| 119     | White 25 | 000 ⇔ 255 | 0–100%          |
| 120     | Red 26   | 000 ⇔ 255 | 0–100%          |
| 121     | Green 26 | 000 ⇔ 255 | 0–100%          |
| 122     | Blue 26  | 000 ⇔ 255 | 0–100%          |
| 123     | White 26 | 000 ⇔ 255 | 0–100%          |
| 124     | Red 27   | 000 ⇔ 255 | 0–100%          |
| 125     | Green 27 | 000 ⇔ 255 | 0–100%          |
| 126     | Blue 27  | 000 ⇔ 255 | 0–100%          |
| 127     | White 27 | 000 ⇔ 255 | 0–100%          |
| 128     | Red 28   | 000 ⇔ 255 | 0–100%          |
| 129     | Green 28 | 000 ⇔ 255 | 0–100%          |
| 130     | Blue 28  | 000 ⇔ 255 | 0–100%          |
| 131     | White 28 | 000 ⇔ 255 | 0–100%          |
| 132     | Red 29   | 000 ⇔ 255 | 0–100%          |
| 133     | Green 29 | 000 ⇔ 255 | 0–100%          |
| 134     | Blue 29  | 000 ⇔ 255 | 0–100%          |
| 135     | White 29 | 000 ⇔ 255 | 0–100%          |
| 136     | Red 30   | 000 ⇔ 255 | 0–100%          |
| 137     | Green 30 | 000 ⇔ 255 | 0–100%          |
| 138     | Blue 30  | 000 ⇔ 255 | 0–100%          |
| 139     | White 30 | 000 ⇔ 255 | 0–100%          |
| 140     | Red 31   | 000 ⇔ 255 | 0–100%          |
| 141     | Green 31 | 000 ⇔ 255 | 0–100%          |
| 142     | Blue 31  | 000 ⇔ 255 | 0–100%          |
| 143     | White 31 | 000 ⇔ 255 | 0–100%          |

### Basic2 (37 channels)

| Channel | Function              | Value     | Percent/Setting                               |
|---------|-----------------------|-----------|---|
| 1       | Pan                   | 000 ⇔ 255 | 0–100%  |
| 2       | Fine pan              | 000 ⇔ 255 | 0–100%  |
| 3       | Tilt                  | 000 ⇔ 255 | 0–100%  |
| 4       | Fine tilt             | 000 ⇔ 255 | 0–100%  |
| 5       | Pan/tilt speed        | 000 ⇔ 255 | Pan/tilt speed, fast to slow                  |
| 6       | Ring CTC              | 000       | No function                                   |
|         |                       | 001 ⇔ 255 | Color temperature correction, 19000K to 2700K |
| 7       | Main CTC              | 000       | No function                                   |
|         |                       | 001 ⇔ 255 | Color temperature correction, 19000K to 2700K |
| 8       | Ring foreground color | 000 ⇔ 255 | See the <a href="#">Color Chart</a>           |
| 9       | Main foreground color | 000 ⇔ 255 | See the <a href="#">Color Chart</a>           |

| Channel | Function                         | Value     | Percent/Setting                       |
|---------|----------------------------------|-----------|---------------------------------------|
| 10      | Ring gobo                        | 000 ⇔ 004 | No function                           |
|         |                                  | 005 ⇔ 255 | Gobos (indexed)                       |
| 11      | Main gobo                        | 000       | No function                           |
|         |                                  | 001 ⇔ 255 | Gobos (indexed)                       |
| 12      | Ring LED macro/Automatic program | 000 ⇔ 005 | No function                           |
|         |                                  | 006 ⇔ 115 | LED macros                            |
|         |                                  | 116 ⇔ 215 | Automatic programs                    |
|         |                                  | 216 ⇔ 255 | No function                           |
| 13      | Ring macro/program speed         | 000 ⇔ 127 | Macro/program speed, fast to slow     |
|         |                                  | 128       | Stop                                  |
|         |                                  | 129 ⇔ 255 | Reverse macro/program, slow to fast   |
| 14      | Ring LED delay                   | 000 ⇔ 255 | Built-in LED delay, short to long     |
| 15      | Main LED macro/Automatic program | 000 ⇔ 015 | No function                           |
|         |                                  | 016 ⇔ 135 | LED macros                            |
|         |                                  | 136 ⇔ 255 | Automatic programs                    |
| 16      | Main macro/program speed         | 000 ⇔ 127 | Macro/program speed, fast to slow     |
|         |                                  | 128       | Stop                                  |
|         |                                  | 129 ⇔ 255 | Reverse macro/program, slow to fast   |
| 17      | Main LED delay                   | 000 ⇔ 255 | Built-in LED delay, short to long     |
| 18      | Ring background color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>   |
| 19      | Ring background dimmer           | 000 ⇔ 255 | 0–100%                                |
| 20      | Main background color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>   |
| 21      | Main background dimmer           | 000 ⇔ 255 | 0–100%                                |
| 22      | Ring foreground dimmer           | 000 ⇔ 255 | 0–100%                                |
| 23      | Ring foreground fine dimmer      | 000 ⇔ 255 | 0–100%                                |
| 24      | Main foreground dimmer           | 000 ⇔ 255 | 0–100%                                |
| 25      | Main foreground fine dimmer      | 000 ⇔ 255 | 0–100%                                |
| 26      | Ring strobe                      | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>  |
| 27      | Main strobe                      | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>  |
| 28      | Zoom                             | 000 ⇔ 255 | Zoom, narrow to wide                  |
| 29      | Control                          | 000 ⇔ 255 | See the <a href="#">Control Chart</a> |
| 30      | All foreground red               | 000 ⇔ 255 | 0–100%                                |
| 31      | All foreground fine red          | 000 ⇔ 255 | 0–100%                                |
| 32      | All foreground green             | 000 ⇔ 255 | 0–100%                                |
| 33      | All foreground fine green        | 000 ⇔ 255 | 0–100%                                |
| 34      | All foreground blue              | 000 ⇔ 255 | 0–100%                                |
| 35      | All foreground fine blue         | 000 ⇔ 255 | 0–100%                                |
| 36      | All foreground white             | 000 ⇔ 255 | 0–100%                                |
| 37      | All foreground fine white        | 000 ⇔ 255 | 0–100%                                |

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### Basic (31 channels)

| Channel | Function                         | Value     | Percent/Setting                               |
|---------|----------------------------------|-----------|---|
| 1       | Pan                              | 000 ⇔ 255 | 0–100%  |
| 2       | Fine pan                         | 000 ⇔ 255 | 0–100%  |
| 3       | Tilt                             | 000 ⇔ 255 | 0–100%  |
| 4       | Fine tilt                        | 000 ⇔ 255 | 0–100%  |
| 5       | Pan/tilt speed                   | 000 ⇔ 255 | Pan/tilt speed, fast to slow                  |
| 6       | Ring CTC                         | 000       | No function                                   |
|         |                                  | 001 ⇔ 255 | Color temperature correction, 19000K to 2700K |
| 7       | Main CTC                         | 000       | No function                                   |
|         |                                  | 001 ⇔ 255 | Color temperature correction, 19000K to 2700K |
| 8       | Ring foreground color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>           |
| 9       | Main foreground color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>           |
| 10      | Ring gobo                        | 000 ⇔ 004 | No function                                   |
|         |                                  | 005 ⇔ 255 | Gobos (indexed)                               |
| 11      | Main gobo                        | 000       | No function                                   |
|         |                                  | 001 ⇔ 255 | Gobos (indexed)                               |
| 12      | Ring LED macro/Automatic program | 000 ⇔ 005 | No function                                   |
|         |                                  | 006 ⇔ 115 | LED macros                                    |
|         |                                  | 116 ⇔ 215 | Automatic programs                            |
|         |                                  | 216 ⇔ 255 | No function                                   |
| 13      | Ring macro/program speed         | 000 ⇔ 127 | Macro/program speed, fast to slow             |
|         |                                  | 128       | Stop  |
|         |                                  | 129 ⇔ 255 | Reverse macro/program, slow to fast           |
| 14      | Ring LED delay                   | 000 ⇔ 255 | Built-in LED delay, short to long             |
| 15      | Main LED macro/Automatic program | 000 ⇔ 015 | No function                                   |
|         |                                  | 016 ⇔ 135 | LED macros                                    |
|         |                                  | 136 ⇔ 255 | Automatic programs                            |
| 16      | Main macro/program speed         | 000 ⇔ 127 | Macro/program speed, fast to slow             |
|         |                                  | 128       | Stop  |
|         |                                  | 129 ⇔ 255 | Reverse macro/program, slow to fast           |
| 17      | Main LED delay                   | 000 ⇔ 255 | Built-in LED delay, short to long             |
| 18      | Ring background color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>           |
| 19      | Ring background dimmer           | 000 ⇔ 255 | 0–100%  |
| 20      | Main background color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>           |
| 21      | Main background dimmer           | 000 ⇔ 255 | 0–100%  |
| 22      | Ring foreground dimmer           | 000 ⇔ 255 | 0–100%  |
| 23      | Main foreground dimmer           | 000 ⇔ 255 | 0–100%  |
| 24      | Ring strobe                      | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>          |
| 25      | Main strobe                      | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>          |
| 26      | Zoom                             | 000 ⇔ 255 | Zoom, narrow to wide                          |
| 27      | Control                          | 000 ⇔ 255 | See the <a href="#">Control Chart</a>         |
| 28      | All foreground red               | 000 ⇔ 255 | 0–100%  |
| 29      | All foreground green             | 000 ⇔ 255 | 0–100%  |
| 30      | All foreground blue              | 000 ⇔ 255 | 0–100%  |
| 31      | All foreground white             | 000 ⇔ 255 | 0–100%  |

Busk (19 channels)

| Channel | Function                         | Value     | Percent/Setting                       |
|---------|----------------------------------|-----------|---------------------------------------|
| 1       | Pan                              | 000 ⇔ 255 | 0–100%                                |
| 2       | Tilt                             | 000 ⇔ 255 | 0–100%                                |
| 3       | Pan/tilt speed                   | 000 ⇔ 255 | Pan/tilt speed, fast to slow          |
| 4       | Ring dimmer                      | 000 ⇔ 255 | 0–100%                                |
| 5       | Ring strobe                      | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>  |
| 6       | Red                              | 000 ⇔ 255 | 0–100%                                |
| 7       | Green                            | 000 ⇔ 255 | 0–100%                                |
| 8       | Blue                             | 000 ⇔ 255 | 0–100%                                |
| 9       | White                            | 000 ⇔ 255 | 0–100%                                |
| 10      | Ring color                       | 000 ⇔ 255 | See the <a href="#">Color Chart</a>   |
| 11      | Ring LED macro/Automatic program | 000 ⇔ 005 | No function                           |
|         |                                  | 006 ⇔ 115 | LED macros                            |
|         |                                  | 116 ⇔ 215 | Automatic programs                    |
|         |                                  | 216 ⇔ 255 | No function                           |
| 12      | Ring macro/program speed         | 000 ⇔ 127 | Macro/program speed, fast to slow     |
|         |                                  | 128       | Stop                                  |
|         |                                  | 129 ⇔ 255 | Reverse macro/program, slow to fast   |
| 13      | Main dimmer                      | 000 ⇔ 255 | 0–100%                                |
| 14      | Main strobe                      | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>  |
| 15      | Main color                       | 000 ⇔ 255 | See the <a href="#">Color Chart</a>   |
| 16      | Main LED macro/Automatic program | 000 ⇔ 015 | No function                           |
|         |                                  | 016 ⇔ 135 | LED macros                            |
|         |                                  | 136 ⇔ 255 | Automatic programs                    |
| 17      | Main macro/program speed         | 000 ⇔ 127 | Macro/program speed, fast to slow     |
|         |                                  | 128       | Stop                                  |
|         |                                  | 129 ⇔ 255 | Reverse macro/program, slow to fast   |
| 18      | Zoom                             | 000 ⇔ 255 | Zoom, narrow to wide                  |
| 19      | Control                          | 000 ⇔ 255 | See the <a href="#">Control Chart</a> |

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### Basic3 (37 channels)

| Channel | Function                         | Value     | Percent/Setting                               |
|---------|----------------------------------|-----------|---|
| 1       | Pan                              | 000 ⇔ 255 | 0–100%  |
| 2       | Fine pan                         | 000 ⇔ 255 | 0–100%  |
| 3       | Tilt                             | 000 ⇔ 255 | 0–100%  |
| 4       | Fine tilt                        | 000 ⇔ 255 | 0–100%  |
| 5       | Pan/tilt speed                   | 000 ⇔ 255 | Pan/tilt speed, fast to slow                  |
| 6       | CTC                              | 000       | No function                                   |
|         |                                  | 001 ⇔ 255 | Color temperature correction, 19000K to 2700K |
| 7       | Ring foreground color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>           |
| 8       | Main foreground color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>           |
| 9       | Ring gobo                        | 000 ⇔ 004 | No function                                   |
|         |                                  | 005 ⇔ 255 | Gobos (indexed)                               |
| 10      | Ring LED macro/Automatic program | 000 ⇔ 005 | No function                                   |
|         |                                  | 006 ⇔ 115 | LED macros                                    |
|         |                                  | 116 ⇔ 215 | Automatic programs                            |
|         |                                  | 216 ⇔ 255 | No function                                   |
| 11      | Ring macro/program speed         | 000 ⇔ 127 | Macro/program speed, fast to slow             |
|         |                                  | 128       | Stop  |
|         |                                  | 129 ⇔ 255 | Reverse macro/program, slow to fast           |
| 12      | Ring LED delay                   | 000 ⇔ 255 | Built-in LED delay, short to long             |
| 13      | Ring background color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>           |
| 14      | Ring bg. dimmer                  | 000 ⇔ 255 | 0–100%  |
| 15      | Ring bg. fine dimmer             | 000 ⇔ 255 | 0–100%  |
| 16      | Ring fg. dimmer                  | 000 ⇔ 255 | 0–100%  |
| 17      | Ring fg. fine dimmer             | 000 ⇔ 255 | 0–100%  |
| 18      | Main fg. dimmer                  | 000 ⇔ 255 | 0–100%  |
| 19      | Main fg. fine dimmer             | 000 ⇔ 255 | 0–100%  |
| 20      | Ring strobe                      | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>          |
| 21      | Main strobe                      | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>          |
| 22      | Zoom                             | 000 ⇔ 255 | Zoom, narrow to wide                          |
| 23      | Control                          | 000 ⇔ 255 | See the <a href="#">Control Chart</a>         |
| 24      | Ring red                         | 000 ⇔ 255 | 0–100%  |
| 25      | Fine ring red                    | 000 ⇔ 255 | 0–100%  |
| 26      | Ring green                       | 000 ⇔ 255 | 0–100%  |
| 27      | Fine ring green                  | 000 ⇔ 255 | 0–100%  |
| 28      | Ring blue                        | 000 ⇔ 255 | 0–100%  |
| 29      | Fine ring blue                   | 000 ⇔ 255 | 0–100%  |
| 30      | Main red                         | 000 ⇔ 255 | 0–100%  |
| 31      | Fine main red                    | 000 ⇔ 255 | 0–100%  |
| 32      | Main green                       | 000 ⇔ 255 | 0–100%  |
| 33      | Fine main green                  | 000 ⇔ 255 | 0–100%  |
| 34      | Main blue                        | 000 ⇔ 255 | 0–100%  |
| 35      | Fine main blue                   | 000 ⇔ 255 | 0–100%  |
| 36      | Main white                       | 000 ⇔ 255 | 0–100%  |
| 37      | Fine main white                  | 000 ⇔ 255 | 0–100%  |

**Full PXL (Single Mode)**  
(324 channels)

| Channel   | Function                            | Value     | Percent/Setting                     |
|-----------|-------------------------------------|-----------|-------------------------------------|
| 1         | Pan                                 | 000 ⇔ 255 | 0–540                               |
| 2         | Fine pan                            | 000 ⇔ 255 | Fine pan adjustable                 |
| 3         | Tilt                                | 000 ⇔ 255 | 0–270                               |
| 4         | Fine tilt                           | 000 ⇔ 255 | Fine tilt adjustable                |
| 5         | Pan/tilt speed                      | 000 ⇔ 255 | Pan/tilt speed, fast to slow        |
| 6         | Zoom                                | 000 ⇔ 255 | 0–100%                              |
| 7         | Control                             | 000 ⇔ 009 | No function                         |
|           |                                     | 010 ⇔ 014 | Pan/tilt blackout                   |
|           |                                     | 015 ⇔ 019 | Reserved                            |
|           |                                     | 020 ⇔ 024 | Color mixing RBGW                   |
|           |                                     | 025 ⇔ 029 | Color mixing CMY                    |
|           |                                     | 030 ⇔ 034 | Combine center and ring LED         |
|           |                                     | 035 ⇔ 039 | Disable combine center and ring LED |
|           |                                     | 040 ⇔ 044 | Defrost fan on                      |
|           |                                     | 045 ⇔ 049 | Defrost fan off                     |
|           |                                     | 050 ⇔ 054 | Pan reset                           |
|           |                                     | 055 ⇔ 059 | Tilt reset                          |
|           |                                     | 060 ⇔ 064 | Zoom reset                          |
|           |                                     | 065 ⇔ 066 | TV reset mode                       |
|           |                                     | 067 ⇔ 069 | Normal reset mode                   |
|           |                                     | 070 ⇔ 074 | All reset                           |
|           |                                     | 075 ⇔ 079 | Reserved                            |
|           |                                     | 080 ⇔ 084 | Reserved                            |
|           |                                     | 085 ⇔ 089 | Pan reverse                         |
|           |                                     | 090 ⇔ 094 | Tilt reverse                        |
|           |                                     | 095 ⇔ 099 | Disable pan reverse                 |
|           |                                     | 100 ⇔ 104 | Disable tilt reverse                |
|           |                                     | 105 ⇔ 109 | Reserved                            |
|           |                                     | 110 ⇔ 114 | Color mixing HTP of                 |
|           |                                     | 115 ⇔ 119 | Color mixing HTP off                |
|           |                                     | 120 ⇔ 124 | Fan eco                             |
|           |                                     | 125 ⇔ 129 | Fan full                            |
|           |                                     | 130 ⇔ 134 | Fan auto                            |
|           |                                     | 135 ⇔ 139 | Dimmer fast                         |
|           |                                     | 140 ⇔ 144 | Dimmer smooth                       |
|           |                                     | 145 ⇔ 149 | Linear                              |
|           |                                     | 150 ⇔ 154 | Square                              |
|           |                                     | 155 ⇔ 159 | I Square                            |
|           |                                     | 160 ⇔ 164 | Scurve                              |
|           |                                     | 165 ⇔ 169 | WHITE mode                          |
| 170 ⇔ 174 | FULL mode                           |           |                                     |
| 175 ⇔ 179 | Single color, color calibration off |           |                                     |
| 180 ⇔ 184 | Single color, color calibration on  |           |                                     |
| 185 ⇔ 186 | LED PWM 600Hz                       |           |                                     |
| 187 ⇔ 188 | LED PWM 1200Hz                      |           |                                     |

| Channel      | Function                               | Value     | Percent/Setting                                   |
|--------------|--|-----------|---|
| 7<br>(Cont.) | Control<br>(Cont.)                     | 189 ⇄ 190 | LED PWM 2000Hz                                    |
|              |  | 191 ⇄ 192 | LED PWM 4000Hz                                    |
|              |  | 193 ⇄ 194 | LED PWM 6000Hz                                    |
|              |  | 195 ⇄ 196 | LED PWM 15000Hz                                   |
|              |  | 197 ⇄ 239 | No function                                       |
|              |  | 240 ⇄ 247 | Calibration on                                    |
|              |  | 248 ⇄ 250 | Calibration off                                   |
| 251 ⇄ 255    | No function                            |           |   |
| 8            | Dimmer 1                               | 000 ⇄ 255 | 0–100%  |
| 9            | Dimmer 1 fine                          | 000 ⇄ 255 | 0–100%  |
| 10           | Strobe                                 | 000 ⇄ 019 | Off   |
|              |  | 020 ⇄ 024 | On  |
|              |  | 025 ⇄ 064 | Strobe 1, fast to slow                            |
|              |  | 065 ⇄ 069 | On  |
|              |  | 070 ⇄ 084 | Strobe 2 (fast on, slow off), fast to slow        |
|              |  | 085 ⇄ 089 | On  |
|              |  | 090 ⇄ 104 | Strobe 3 (slow on, fast off), fast to slow        |
|              |  | 105 ⇄ 109 | On  |
|              |  | 110 ⇄ 124 | Strobe 4 (random), fast to slow                   |
|              |  | 125 ⇄ 129 | On  |
|              |  | 130 ⇄ 144 | Strobe 5 (random slow on, slow off), fast to slow |
|              |  | 145 ⇄ 149 | On  |
|              |  | 150 ⇄ 164 | Strobe 6 (random slow on, fast off), fast to slow |
|              |  | 165 ⇄ 169 | On  |
|              |  | 170 ⇄ 184 | Strobe 7 (pulse strobe), fast to slow             |
|              |  | 185 ⇄ 189 | On  |
|              |  | 190 ⇄ 204 | Strobe 8 (random pulse strobe), fast to slow      |
|              |  | 205 ⇄ 209 | On  |
|              |  | 210 ⇄ 224 | Strobe 9 (fade), fast to slow                     |
| 225 ⇄ 229    | On                                     |           |   |
| 230 ⇄ 244    | Strobe 10 (pulse strobe), fast to slow |           |   |
| 245 ⇄ 255    | On                                     |           |   |
| 11           | Red 1                                  | 000 ⇄ 255 | 0–100%  |
| 12           | Fine red 1                             | 000 ⇄ 255 | 0–100%  |
| 13           | Green 1                                | 000 ⇄ 255 | 0–100%  |
| 14           | Fine green 1                           | 000 ⇄ 255 | 0–100%  |
| 15           | Blue 1                                 | 000 ⇄ 255 | 0–100%  |
| 16           | Fine blue 1                            | 000 ⇄ 255 | 0–100%  |
| 17           | Dimmer 2                               | 000 ⇄ 255 | 0–100%  |
| 18           | Fine dimmer 2                          | 000 ⇄ 255 | 0–100%  |
| 19           | Strobe 2                               | 000 ⇄ 255 | See the <a href="#">Strobe channel</a>            |
| 20           | Red 2                                  | 000 ⇄ 255 | 0–100%  |
| 21           | Fine red 2                             | 000 ⇄ 255 | 0–100%  |
| 22           | Green 2                                | 000 ⇄ 255 | 0–100%  |
| 23           | Fine green 2                           | 000 ⇄ 255 | 0–100%  |
| 24           | Blue 2                                 | 000 ⇄ 255 | 0–100%  |
| 25           | Fine blue 2                            | 000 ⇄ 255 | 0–100%  |
| 26           | Dimmer 3                               | 000 ⇄ 255 | 0–100%  |

| Channel | Function      | Value     | Percent/Setting                        |
|---------|---------------|-----------|--|
| 27      | Fine dimmer 3 | 000 ⇔ 255 | 0–100%                                 |
| 28      | Strobe 3      | 000 ⇔ 255 | See the <a href="#">Strobe channel</a> |
| 29      | Red 3         | 000 ⇔ 255 | 0–100%                                 |
| 30      | Fine red 3    | 000 ⇔ 255 | 0–100%                                 |
| 31      | Green 3       | 000 ⇔ 255 | 0–100%                                 |
| 32      | Fine green 3  | 000 ⇔ 255 | 0–100%                                 |
| 33      | Blue 3        | 000 ⇔ 255 | 0–100%                                 |
| 34      | Fine blue 3   | 000 ⇔ 255 | 0–100%                                 |
| 35      | Dimmer 4      | 000 ⇔ 255 | 0–100%                                 |
| 36      | Fine dimmer 4 | 000 ⇔ 255 | 0–100%                                 |
| 37      | Strobe 4      | 000 ⇔ 255 | See the <a href="#">Strobe channel</a> |
| 38      | Red 4         | 000 ⇔ 255 | 0–100%                                 |
| 39      | Fine green 4  | 000 ⇔ 255 | 0–100%                                 |
| 40      | Green 4       | 000 ⇔ 255 | 0–100%                                 |
| 41      | Fine red 4    | 000 ⇔ 255 | 0–100%                                 |
| 42      | Blue 4        | 000 ⇔ 255 | 0–100%                                 |
| 43      | Fine blue 4   | 000 ⇔ 255 | 0–100%                                 |
| 44      | Dimmer 5      | 000 ⇔ 255 | 0–100%                                 |
| 45      | Fine dimmer 5 | 000 ⇔ 255 | 0–100%                                 |
| 46      | Strobe 5      | 000 ⇔ 255 | See the <a href="#">Strobe channel</a> |
| 47      | Red 5         | 000 ⇔ 255 | 0–100%                                 |
| 48      | Fine red 5    | 000 ⇔ 255 | 0–100%                                 |
| 49      | Green 5       | 000 ⇔ 255 | 0–100%                                 |
| 50      | Fine green 5  | 000 ⇔ 255 | 0–100%                                 |
| 51      | Blue 5        | 000 ⇔ 255 | 0–100%                                 |
| 52      | Fine blue 5   | 000 ⇔ 255 | 0–100%                                 |
| 53      | Dimmer 6      | 000 ⇔ 255 | 0–100%                                 |
| 54      | Fine dimmer 6 | 000 ⇔ 255 | 0–100%                                 |
| 55      | Strobe 6      | 000 ⇔ 255 | See the <a href="#">Strobe channel</a> |
| 56      | Red 6         | 000 ⇔ 255 | 0–100%                                 |
| 57      | Fine red 6    | 000 ⇔ 255 | 0–100%                                 |
| 58      | Green 6       | 000 ⇔ 255 | 0–100%                                 |
| 59      | Fine green 6  | 000 ⇔ 255 | 0–100%                                 |
| 60      | Blue 6        | 000 ⇔ 255 | 0–100%                                 |
| 61      | Fine blue 6   | 000 ⇔ 255 | 0–100%                                 |
| 62      | Dimmer 7      | 000 ⇔ 255 | 0–100%                                 |
| 63      | Fine dimmer 7 | 000 ⇔ 255 | 0–100%                                 |
| 64      | Strobe 7      | 000 ⇔ 255 | See the <a href="#">Strobe channel</a> |
| 65      | Red 7         | 000 ⇔ 255 | 0–100%                                 |
| 66      | Fine red 7    | 000 ⇔ 255 | 0–100%                                 |
| 67      | Green 7       | 000 ⇔ 255 | 0–100%                                 |
| 68      | Fine green 7  | 000 ⇔ 255 | 0–100%                                 |
| 69      | Blue 7        | 000 ⇔ 255 | 0–100%                                 |
| 70      | Fine blue 7   | 000 ⇔ 255 | 0–100%                                 |
| 71      | Dimmer 8      | 000 ⇔ 255 | 0–100%                                 |
| 72      | Fine dimmer 8 | 000 ⇔ 255 | 0–100%                                 |
| 73      | Strobe 8      | 000 ⇔ 255 | See the <a href="#">Strobe channel</a> |
| 74      | Red 8         | 000 ⇔ 255 | 0–100%                                 |



| Channel | Function          | Value     | Percent/Setting                        |
|---------|-------------------|-----------|--|
| 75      | Fine red 8        | 000 ⇄ 255 | 0–100%                                 |
| 76      | Green 8           | 000 ⇄ 255 | 0–100%                                 |
| 77      | Fine green 8      | 000 ⇄ 255 | 0–100%                                 |
| 78      | Blue 8            | 000 ⇄ 255 | 0–100%                                 |
| 79      | Fine blue 8       | 000 ⇄ 255 | 0–100%                                 |
| 80      | Dimmer 9          | 000 ⇄ 255 | 0–100%                                 |
| 81      | Dine dimmer 9     | 000 ⇄ 255 | 0–100%                                 |
| 82      | Strobe 9          | 000 ⇄ 255 | See the <a href="#">Strobe channel</a> |
| 83      | Red 9             | 000 ⇄ 255 | 0–100%                                 |
| 84      | Fine red 9        | 000 ⇄ 255 | 0–100%                                 |
| 85      | Green 9           | 000 ⇄ 255 | 0–100%                                 |
| 86      | Fine green 9      | 000 ⇄ 255 | 0–100%                                 |
| 87      | Blue 9            | 000 ⇄ 255 | 0–100%                                 |
| 88      | Fine blue 9       | 000 ⇄ 255 | 0–100%                                 |
| 89      | Dimmer 10         | 000 ⇄ 255 | 0–100%                                 |
| 90      | Dine dimmer 10    | 000 ⇄ 255 | 0–100%                                 |
| 91      | Strobe 10         | 000 ⇄ 255 | See the <a href="#">Strobe channel</a> |
| 92      | Red 10            | 000 ⇄ 255 | 0–100%                                 |
| 93      | Fine red 10       | 000 ⇄ 255 | 0–100%                                 |
| 94      | Green 10          | 000 ⇄ 255 | 0–100%                                 |
| 95      | Fine green 10     | 000 ⇄ 255 | 0–100%                                 |
| 96      | Blue 10           | 000 ⇄ 255 | 0–100%                                 |
| 97      | Fine blue 10      | 000 ⇄ 255 | 0–100%                                 |
| 98      | Dimmer 11         | 000 ⇄ 255 | 0–100%                                 |
| 99      | Dine dimmer 11    | 000 ⇄ 255 | 0–100%                                 |
| 100     | Strobe 11         | 000 ⇄ 255 | See the <a href="#">Strobe channel</a> |
| 101     | Red 11            | 000 ⇄ 255 | 0–100%                                 |
| 102     | Fine red 11       | 000 ⇄ 255 | 0–100%                                 |
| 103     | Green 11          | 000 ⇄ 255 | 0–100%                                 |
| 104     | Fine green 11     | 000 ⇄ 255 | 0–100%                                 |
| 105     | Blue 11           | 000 ⇄ 255 | 0–100%                                 |
| 106     | Fine blue 11      | 000 ⇄ 255 | 0–100%                                 |
| 107     | Dimmer 12         | 000 ⇄ 255 | 0–100%                                 |
| 108     | Dine dimmer 12    | 000 ⇄ 255 | 0–100%                                 |
| 109     | Strobe 12         | 000 ⇄ 255 | See the <a href="#">Strobe channel</a> |
| 110     | Red 12            | 000 ⇄ 255 | 0–100%                                 |
| 111     | Fine red 12       | 000 ⇄ 255 | 0–100%                                 |
| 112     | Green 12          | 000 ⇄ 255 | 0–100%                                 |
| 113     | Fine green 12     | 000 ⇄ 255 | 0–100%                                 |
| 114     | Blue 12           | 000 ⇄ 255 | 0–100%                                 |
| 115     | Fine blue 12      | 000 ⇄ 255 | 0–100%                                 |
| 116     | Dimmer LED 1      | 000 ⇄ 255 | 0–100%                                 |
| 117     | Fine dimmer LED 1 | 000 ⇄ 255 | 0–100%                                 |
| 118     | Strobe LED 1      | 000 ⇄ 255 | See the <a href="#">Strobe channel</a> |
| 119     | Red LED 1         | 000 ⇄ 255 | 0–100%                                 |
| 120     | Fine red LED 1    | 000 ⇄ 255 | 0–100%                                 |
| 121     | Green LED 1       | 000 ⇄ 255 | 0–100%                                 |
| 122     | Fine green LED 1  | 000 ⇄ 255 | 0–100%                                 |

| Channel | Function          | Value     | Percent/Setting                        |
|---------|-------------------|-----------|--|
| 123     | Blue LED 1        | 000 ⇔ 255 | 0–100%                                 |
| 124     | Fine blue LED 1   | 000 ⇔ 255 | 0–100%                                 |
| 125     | White LED 1       | 000 ⇔ 255 | 0–100%                                 |
| 126     | Fine white LED 1  | 000 ⇔ 255 | 0–100%                                 |
| 127     | Dimmer LED 2      | 000 ⇔ 255 | 0–100%                                 |
| 128     | Fine dimmer LED 2 | 000 ⇔ 255 | 0–100%                                 |
| 129     | Strobe LED 2      | 000 ⇔ 255 | See the <a href="#">Strobe channel</a> |
| 130     | Red LED 2         | 000 ⇔ 255 | 0–100%                                 |
| 131     | Fine red LED 2    | 000 ⇔ 255 | 0–100%                                 |
| 132     | Green LED 2       | 000 ⇔ 255 | 0–100%                                 |
| 133     | Fine green LED 2  | 000 ⇔ 255 | 0–100%                                 |
| 134     | Blue LED 2        | 000 ⇔ 255 | 0–100%                                 |
| 135     | Fine blue LED 2   | 000 ⇔ 255 | 0–100%                                 |
| 136     | White LED 2       | 000 ⇔ 255 | 0–100%                                 |
| 137     | Fine white LED 2  | 000 ⇔ 255 | 0–100%                                 |
| 138     | Dimmer LED 3      | 000 ⇔ 255 | 0–100%                                 |
| 139     | Fine dimmer LED 3 | 000 ⇔ 255 | 0–100%                                 |
| 140     | Strobe LED 2      | 000 ⇔ 255 | See the <a href="#">Strobe channel</a> |
| 141     | Red LED 3         | 000 ⇔ 255 | 0–100%                                 |
| 142     | Fine red LED 3    | 000 ⇔ 255 | 0–100%                                 |
| 143     | Green LED 3       | 000 ⇔ 255 | 0–100%                                 |
| 144     | Fine green LED 3  | 000 ⇔ 255 | 0–100%                                 |
| 145     | Blue LED 3        | 000 ⇔ 255 | 0–100%                                 |
| 146     | Fine blue LED 3   | 000 ⇔ 255 | 0–100%                                 |
| 147     | White LED 3       | 000 ⇔ 255 | 0–100%                                 |
| 148     | Fine white LED 3  | 000 ⇔ 255 | 0–100%                                 |
| 149     | Dimmer LED 4      | 000 ⇔ 255 | 0–100%                                 |
| 150     | Fine dimmer LED 4 | 000 ⇔ 255 | 0–100%                                 |
| 151     | Strobe LED 4      | 000 ⇔ 255 | See the <a href="#">Strobe channel</a> |
| 152     | Red LED 4         | 000 ⇔ 255 | 0–100%                                 |
| 153     | Fine red LED 4    | 000 ⇔ 255 | 0–100%                                 |
| 154     | Green LED 4       | 000 ⇔ 255 | 0–100%                                 |
| 155     | Fine green LED 4  | 000 ⇔ 255 | 0–100%                                 |
| 156     | Blue LED 4        | 000 ⇔ 255 | 0–100%                                 |
| 157     | Fine blue LED 4   | 000 ⇔ 255 | 0–100%                                 |
| 158     | White LED 4       | 000 ⇔ 255 | 0–100%                                 |
| 159     | Fine white LED 4  | 000 ⇔ 255 | 0–100%                                 |
| 160     | Dimmer LED 5      | 000 ⇔ 255 | 0–100%                                 |
| 161     | Fine dimmer LED 5 | 000 ⇔ 255 | 0–100%                                 |
| 162     | Strobe LED 5      | 000 ⇔ 255 | See the <a href="#">Strobe channel</a> |
| 163     | Red LED 5         | 000 ⇔ 255 | 0–100%                                 |
| 164     | Fine red LED 5    | 000 ⇔ 255 | 0–100%                                 |
| 165     | Green LED 5       | 000 ⇔ 255 | 0–100%                                 |
| 166     | Fine green LED 5  | 000 ⇔ 255 | 0–100%                                 |
| 167     | Blue LED 5        | 000 ⇔ 255 | 0–100%                                 |
| 168     | Fine blue LED 5   | 000 ⇔ 255 | 0–100%                                 |
| 169     | White LED 5       | 000 ⇔ 255 | 0–100%                                 |
| 170     | Fine white LED 5  | 000 ⇔ 255 | 0–100%                                 |

| Channel | Function           | Value     | Percent/Setting                        |
|---------|--------------------|-----------|--|
| 171     | Dimmer LED 6       | 000 ⇄ 255 | 0–100%                                 |
| 172     | Fine dimmer LED 6  | 000 ⇄ 255 | 0–100%                                 |
| 173     | Strobe LED 6       | 000 ⇄ 255 | See the <a href="#">Strobe channel</a> |
| 174     | Red LED 6          | 000 ⇄ 255 | 0–100%                                 |
| 175     | Fine red LED 6     | 000 ⇄ 255 | 0–100%                                 |
| 176     | Green LED 6        | 000 ⇄ 255 | 0–100%                                 |
| 177     | Fine green LED 6   | 000 ⇄ 255 | 0–100%                                 |
| 178     | Blue LED 6         | 000 ⇄ 255 | 0–100%                                 |
| 179     | Fine blue LED 6    | 000 ⇄ 255 | 0–100%                                 |
| 180     | White LED 6        | 000 ⇄ 255 | 0–100%                                 |
| 181     | Fine white LED 6   | 000 ⇄ 255 | 0–100%                                 |
| 182     | Dimmer LED 7       | 000 ⇄ 255 | 0–100%                                 |
| 183     | Fine dimmer LED 7  | 000 ⇄ 255 | 0–100%                                 |
| 184     | Strobe LED 7       | 000 ⇄ 255 | See the <a href="#">Strobe channel</a> |
| 185     | Red LED 7          | 000 ⇄ 255 | 0–100%                                 |
| 186     | Fine red LED 7     | 000 ⇄ 255 | 0–100%                                 |
| 187     | Green LED 7        | 000 ⇄ 255 | 0–100%                                 |
| 188     | Fine green LED 7   | 000 ⇄ 255 | 0–100%                                 |
| 189     | Blue LED 7         | 000 ⇄ 255 | 0–100%                                 |
| 190     | Fine blue LED 7    | 000 ⇄ 255 | 0–100%                                 |
| 191     | White LED 7        | 000 ⇄ 255 | 0–100%                                 |
| 192     | Fine white LED 7   | 000 ⇄ 255 | 0–100%                                 |
| 193     | Dimmer LED 8       | 000 ⇄ 255 | 0–100%                                 |
| 194     | Fine dimmer LED 8  | 000 ⇄ 255 | 0–100%                                 |
| 195     | Strobe LED 8       | 000 ⇄ 255 | See the <a href="#">Strobe channel</a> |
| 196     | Red LED 8          | 000 ⇄ 255 | 0–100%                                 |
| 197     | Fine red LED 8     | 000 ⇄ 255 | 0–100%                                 |
| 198     | Green LED 8        | 000 ⇄ 255 | 0–100%                                 |
| 199     | Fine green LED 8   | 000 ⇄ 255 | 0–100%                                 |
| 200     | Blue LED 8         | 000 ⇄ 255 | 0–100%                                 |
| 201     | Fine blue LED 8    | 000 ⇄ 255 | 0–100%                                 |
| 202     | White LED 8        | 000 ⇄ 255 | 0–100%                                 |
| 203     | Fine white LED 8   | 000 ⇄ 255 | 0–100%                                 |
| 204     | Dimmer LED 9       | 000 ⇄ 255 | 0–100%                                 |
| 205     | Fine dimmer LED 9  | 000 ⇄ 255 | 0–100%                                 |
| 206     | Strobe LED 9       | 000 ⇄ 255 | See the <a href="#">Strobe channel</a> |
| 207     | Red LED 9          | 000 ⇄ 255 | 0–100%                                 |
| 208     | Fine red LED 9     | 000 ⇄ 255 | 0–100%                                 |
| 209     | Green LED 9        | 000 ⇄ 255 | 0–100%                                 |
| 210     | Fine green LED 9   | 000 ⇄ 255 | 0–100%                                 |
| 211     | Blue LED 9         | 000 ⇄ 255 | 0–100%                                 |
| 212     | Fine blue LED 9    | 000 ⇄ 255 | 0–100%                                 |
| 213     | White LED 9        | 000 ⇄ 255 | 0–100%                                 |
| 214     | Fine white LED 9   | 000 ⇄ 255 | 0–100%                                 |
| 215     | Dimmer LED 10      | 000 ⇄ 255 | 0–100%                                 |
| 216     | Fine dimmer LED 10 | 000 ⇄ 255 | 0–100%                                 |
| 217     | Strobe LED 10      | 000 ⇄ 255 | See the <a href="#">Strobe channel</a> |
| 218     | Red 22 LED 10      | 000 ⇄ 255 | 0–100%                                 |

| Channel | Function           | Value     | Percent/Setting                        |
|---------|--------------------|-----------|--|
| 219     | Fine red LED 10    | 000 ⇔ 255 | 0–100%                                 |
| 220     | Green LED 10       | 000 ⇔ 255 | 0–100%                                 |
| 221     | Fine green LED 10  | 000 ⇔ 255 | 0–100%                                 |
| 222     | Blue LED 10        | 000 ⇔ 255 | 0–100%                                 |
| 223     | Fine blue LED 10   | 000 ⇔ 255 | 0–100%                                 |
| 224     | White LED 10       | 000 ⇔ 255 | 0–100%                                 |
| 225     | Fine white LED 10  | 000 ⇔ 255 | 0–100%                                 |
| 226     | Dimmer LED 11      | 000 ⇔ 255 | 0–100%                                 |
| 227     | Fine dimmer LED 11 | 000 ⇔ 255 | 0–100%                                 |
| 228     | Strobe LED 11      | 000 ⇔ 255 | See the <a href="#">Strobe channel</a> |
| 229     | Red LED 11         | 000 ⇔ 255 | 0–100%                                 |
| 230     | Fine red LED 11    | 000 ⇔ 255 | 0–100%                                 |
| 231     | Green LED 11       | 000 ⇔ 255 | 0–100%                                 |
| 232     | Fine green LED 11  | 000 ⇔ 255 | 0–100%                                 |
| 233     | Blue LED 11        | 000 ⇔ 255 | 0–100%                                 |
| 234     | Fine blue LED 11   | 000 ⇔ 255 | 0–100%                                 |
| 235     | White LED 11       | 000 ⇔ 255 | 0–100%                                 |
| 236     | Fine white LED 11  | 000 ⇔ 255 | 0–100%                                 |
| 237     | Dimmer LED 12      | 000 ⇔ 255 | 0–100%                                 |
| 238     | Fine dimmer LED 12 | 000 ⇔ 255 | 0–100%                                 |
| 239     | Strobe LED 12      | 000 ⇔ 255 | See the <a href="#">Strobe channel</a> |
| 240     | Red LED 12         | 000 ⇔ 255 | 0–100%                                 |
| 241     | Fine red LED 12    | 000 ⇔ 255 | 0–100%                                 |
| 242     | Green LED 12       | 000 ⇔ 255 | 0–100%                                 |
| 243     | Fine green LED 12  | 000 ⇔ 255 | 0–100%                                 |
| 244     | Blue LED 12        | 000 ⇔ 255 | 0–100%                                 |
| 245     | Fine blue LED 12   | 000 ⇔ 255 | 0–100%                                 |
| 246     | White LED 12       | 000 ⇔ 255 | 0–100%                                 |
| 247     | Fine white LED 12  | 000 ⇔ 255 | 0–100%                                 |
| 248     | Dimmer LED 13      | 000 ⇔ 255 | 0–100%                                 |
| 249     | Fine dimmer LED 13 | 000 ⇔ 255 | 0–100%                                 |
| 250     | Strobe LED 13      | 000 ⇔ 255 | See the <a href="#">Strobe channel</a> |
| 251     | Red LED 13         | 000 ⇔ 255 | 0–100%                                 |
| 252     | Fine red LED 13    | 000 ⇔ 255 | 0–100%                                 |
| 253     | Green LED 13       | 000 ⇔ 255 | 0–100%                                 |
| 254     | Fine green LED 13  | 000 ⇔ 255 | 0–100%                                 |
| 255     | Blue LED 13        | 000 ⇔ 255 | 0–100%                                 |
| 256     | Fine blue LED 13   | 000 ⇔ 255 | 0–100%                                 |
| 257     | White LED 13       | 000 ⇔ 255 | 0–100%                                 |
| 258     | Fine white LED 13  | 000 ⇔ 255 | 0–100%                                 |
| 259     | Dimmer LED 14      | 000 ⇔ 255 | 0–100%                                 |
| 260     | Fine dimmer LED 14 | 000 ⇔ 255 | 0–100%                                 |
| 261     | Strobe LED 14      | 000 ⇔ 255 | See the <a href="#">Strobe channel</a> |
| 262     | Red LED 14         | 000 ⇔ 255 | 0–100%                                 |
| 263     | Fine red LED 14    | 000 ⇔ 255 | 0–100%                                 |
| 264     | Green LED 14       | 000 ⇔ 255 | 0–100%                                 |
| 265     | Fine green LED 14  | 000 ⇔ 255 | 0–100%                                 |
| 266     | Blue LED 14        | 000 ⇔ 255 | 0–100%                                 |

| Channel | Function           | Value     | Percent/Setting                        |
|---------|--------------------|-----------|--|
| 267     | Fine blue LED 14   | 000 ⇄ 255 | 0–100%                                 |
| 268     | White LED 14       | 000 ⇄ 255 | 0–100%                                 |
| 269     | Fine white LED 14  | 000 ⇄ 255 | 0–100%                                 |
| 270     | Dimmer LED 15      | 000 ⇄ 255 | 0–100%                                 |
| 271     | Fine dimmer LED 15 | 000 ⇄ 255 | 0–100%                                 |
| 272     | Strobe LED 15      | 000 ⇄ 255 | See the <a href="#">Strobe channel</a> |
| 273     | Red LED 15         | 000 ⇄ 255 | 0–100%                                 |
| 274     | Fine red LED 15    | 000 ⇄ 255 | 0–100%                                 |
| 275     | Green LED 15       | 000 ⇄ 255 | 0–100%                                 |
| 276     | Fine green LED 15  | 000 ⇄ 255 | 0–100%                                 |
| 277     | Blue LED 15        | 000 ⇄ 255 | 0–100%                                 |
| 278     | Fine blue LED 15   | 000 ⇄ 255 | 0–100%                                 |
| 279     | White LED 15       | 000 ⇄ 255 | 0–100%                                 |
| 280     | Fine white LED 15  | 000 ⇄ 255 | 0–100%                                 |
| 281     | Dimmer LED 16      | 000 ⇄ 255 | 0–100%                                 |
| 282     | Fine dimmer LED 16 | 000 ⇄ 255 | 0–100%                                 |
| 283     | Strobe 28 LED 16   | 000 ⇄ 255 | See the <a href="#">Strobe channel</a> |
| 284     | Red LED 16         | 000 ⇄ 255 | 0–100%                                 |
| 285     | Fine red LED 16    | 000 ⇄ 255 | 0–100%                                 |
| 286     | Green LED 16       | 000 ⇄ 255 | 0–100%                                 |
| 287     | Fine green LED 16  | 000 ⇄ 255 | 0–100%                                 |
| 288     | Blue LED 16        | 000 ⇄ 255 | 0–100%                                 |
| 289     | Fine blue LED 16   | 000 ⇄ 255 | 0–100%                                 |
| 290     | White LED 16       | 000 ⇄ 255 | 0–100%                                 |
| 291     | Fine white LED 16  | 000 ⇄ 255 | 0–100%                                 |
| 292     | Dimmer LED 17      | 000 ⇄ 255 | 0–100%                                 |
| 293     | Fine dimmer LED 17 | 000 ⇄ 255 | 0–100%                                 |
| 294     | Strobe LED 17      | 000 ⇄ 255 | See the <a href="#">Strobe channel</a> |
| 295     | Red LED 17         | 000 ⇄ 255 | 0–100%                                 |
| 296     | Fine red LED 17    | 000 ⇄ 255 | 0–100%                                 |
| 297     | Green LED 17       | 000 ⇄ 255 | 0–100%                                 |
| 298     | Fine green LED 17  | 000 ⇄ 255 | 0–100%                                 |
| 299     | Blue LED 17        | 000 ⇄ 255 | 0–100%                                 |
| 300     | Fine blue LED 17   | 000 ⇄ 255 | 0–100%                                 |
| 301     | White LED 17       | 000 ⇄ 255 | 0–100%                                 |
| 302     | Fine white LED 17  | 000 ⇄ 255 | 0–100%                                 |
| 303     | Dimmer LED 18      | 000 ⇄ 255 | 0–100%                                 |
| 304     | Fine dimmer LED 18 | 000 ⇄ 255 | 0–100%                                 |
| 305     | Strobe LED 18      | 000 ⇄ 255 | See the <a href="#">Strobe channel</a> |
| 306     | Red LED 18         | 000 ⇄ 255 | 0–100%                                 |
| 307     | Fine red LED 18    | 000 ⇄ 255 | 0–100%                                 |
| 308     | Green LED 18       | 000 ⇄ 255 | 0–100%                                 |
| 309     | Fine green LED 18  | 000 ⇄ 255 | 0–100%                                 |
| 310     | Blue LED 18        | 000 ⇄ 255 | 0–100%                                 |
| 311     | Fine blue LED 18   | 000 ⇄ 255 | 0–100%                                 |
| 312     | White LED 18       | 000 ⇄ 255 | 0–100%                                 |
| 313     | Fine white LED 18  | 000 ⇄ 255 | 0–100%                                 |
| 314     | Dimmer LED 19      | 000 ⇄ 255 | 0–100%                                 |

| Channel | Function           | Value     | Percent/Setting                        |
|---------|--------------------|-----------|--|
| 315     | Fine dimmer LED 19 | 000 ⇔ 255 | 0–100%                                 |
| 316     | Strobe LED 19      | 000 ⇔ 255 | See the <a href="#">Strobe channel</a> |
| 317     | Red LED 19         | 000 ⇔ 255 | 0–100%                                 |
| 318     | Fine red LED 19    | 000 ⇔ 255 | 0–100%                                 |
| 319     | Green LED 19       | 000 ⇔ 255 | 0–100%                                 |
| 320     | Fine green LED 19  | 000 ⇔ 255 | 0–100%                                 |
| 321     | Blue LED 19        | 000 ⇔ 255 | 0–100%                                 |
| 322     | Fine blue LED 19   | 000 ⇔ 255 | 0–100%                                 |
| 323     | White LED 19       | 000 ⇔ 255 | 0–100%                                 |
| 324     | Fine white LED 19  | 000 ⇔ 255 | 0–100%                                 |

**Dual Control Mode (Movement)**
**Advanced** (45 channels)

| Channel | Function                         | Value     | Percent/Setting                                 |
|---------|----------------------------------|-----------|---|
| 1       | Pan                              | 000 ⇔ 255 | 0–100%  |
| 2       | Fine pan                         | 000 ⇔ 255 | 0–100%  |
| 3       | Tilt                             | 000 ⇔ 255 | 0–100%  |
| 4       | Fine tilt                        | 000 ⇔ 255 | 0–100%  |
| 5       | Pan/tilt speed                   | 000 ⇔ 255 | Pan/tilt speed, fast to slow                    |
| 6       | Ring CTC                         | 000       | No function                                     |
|         |                                  | 001 ⇔ 255 | Color temperature correction, 19000K to 2700K   |
| 7       | Main CTC                         | 000       | No function                                     |
|         |                                  | 001 ⇔ 255 | Color temperature correction, 19000K to 2700K   |
| 8       | Ring foreground color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>             |
| 9       | Main foreground color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>             |
| 10      | Ring gobo                        | 000 ⇔ 004 | No function                                     |
|         |                                  | 005 ⇔ 255 | Gobos (indexed)                                 |
| 11      | Main gobo                        | 000       | No function                                     |
|         |                                  | 001 ⇔ 255 | Gobos (indexed)                                 |
| 12      | Ring LED macro/Automatic program | 000 ⇔ 005 | No function                                     |
|         |                                  | 006 ⇔ 115 | LED macros                                      |
|         |                                  | 116 ⇔ 215 | Automatic programs                              |
|         |                                  | 216 ⇔ 255 | No function                                     |
| 13      | Ring macro/program speed         | 000 ⇔ 127 | LED macro/automatic program speed, fast to slow |
|         |                                  | 128       | Stop  |
|         |                                  | 129 ⇔ 255 | Reverse macro/program, slow to fast             |
| 14      | Ring LED delay                   | 000 ⇔ 255 | Built-in LED delay, short to long               |
| 15      | Main LED macro/Automatic program | 000 ⇔ 015 | No function                                     |
|         |                                  | 016 ⇔ 135 | LED macros                                      |
|         |                                  | 136 ⇔ 255 | Automatic programs                              |
| 16      | Main macro/program speed         | 000 ⇔ 127 | LED macro/automatic program speed, fast to slow |
|         |                                  | 128       | Stop  |
|         |                                  | 129 ⇔ 255 | Reverse macro/program, slow to fast             |
| 17      | Main LED delay                   | 000 ⇔ 255 | Built-in LED delay, short to long               |
| 18      | Ring background color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>             |
| 19      | Ring background dimmer           | 000 ⇔ 255 | 0–100%  |
| 20      | Ring background fine dimmer      | 000 ⇔ 255 | 0–100%  |
| 21      | Main background color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>             |
| 22      | Main background dimmer           | 000 ⇔ 255 | 0–100%  |

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| Channel | Function                    | Value     | Percent/Setting                       |
|---------|-----------------------------|-----------|---------------------------------------|
| 23      | Main background fine dimmer | 000 ⇔ 255 | 0–100%                                |
| 24      | Ring foreground dimmer      | 000 ⇔ 255 | 0–100%                                |
| 25      | Ring foreground fine dimmer | 000 ⇔ 255 | 0–100%                                |
| 26      | Main foreground dimmer      | 000 ⇔ 255 | 0–100%                                |
| 27      | Main foreground fine dimmer | 000 ⇔ 255 | 0–100%                                |
| 28      | Ring strobe                 | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>  |
| 29      | Main strobe                 | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>  |
| 30      | Zoom                        | 000 ⇔ 255 | Zoom, narrow to wide                  |
| 31      | Control                     | 000 ⇔ 255 | See the <a href="#">Control Chart</a> |
| 32      | Ring foreground red         | 000 ⇔ 255 | 0–100%                                |
| 33      | Ring foreground fine red    | 000 ⇔ 255 | 0–100%                                |
| 34      | Main foreground red         | 000 ⇔ 255 | 0–100%                                |
| 35      | Main foreground fine red    | 000 ⇔ 255 | 0–100%                                |
| 36      | Ring foreground green       | 000 ⇔ 255 | 0–100%                                |
| 37      | Ring foreground fine green  | 000 ⇔ 255 | 0–100%                                |
| 38      | Main foreground green       | 000 ⇔ 255 | 0–100%                                |
| 39      | Main foreground fine green  | 000 ⇔ 255 | 0–100%                                |
| 40      | Ring foreground blue        | 000 ⇔ 255 | 0–100%                                |
| 41      | Ring foreground fine blue   | 000 ⇔ 255 | 0–100%                                |
| 42      | Main foreground blue        | 000 ⇔ 255 | 0–100%                                |
| 43      | Main foreground fine blue   | 000 ⇔ 255 | 0–100%                                |
| 44      | Main foreground white       | 000 ⇔ 255 | 0–100%                                |
| 45      | Main foreground fine white  | 000 ⇔ 255 | 0–100%                                |

### Standard (34 channels)

| Channel | Function                         | Value     | Percent/Setting                                 |
|---------|----------------------------------|-----------|---|
| 1       | Pan                              | 000 ⇔ 255 | 0–100%  |
| 2       | Fine pan                         | 000 ⇔ 255 | 0–100%  |
| 3       | Tilt                             | 000 ⇔ 255 | 0–100%  |
| 4       | Fine tilt                        | 000 ⇔ 255 | 0–100%  |
| 5       | Pan/tilt speed                   | 000 ⇔ 255 | Pan/tilt speed, fast to slow                    |
| 6       | Ring CTC                         | 000       | No function                                     |
|         |                                  | 001 ⇔ 255 | Color temperature correction, 19000K to 2700K   |
| 7       | Main CTC                         | 000       | No function                                     |
|         |                                  | 001 ⇔ 255 | Color temperature correction, 19000K to 2700K   |
| 8       | Ring foreground color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>             |
| 9       | Main foreground color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>             |
| 10      | Ring gobo                        | 000 ⇔ 004 | No function                                     |
|         |                                  | 005 ⇔ 255 | Gobos (indexed)                                 |
| 11      | Main gobo                        | 000       | No function                                     |
|         |                                  | 001 ⇔ 255 | Gobos (indexed)                                 |
| 12      | Ring LED macro/Automatic program | 000 ⇔ 005 | No function                                     |
|         |                                  | 006 ⇔ 115 | LED macros                                      |
|         |                                  | 116 ⇔ 215 | Automatic programs                              |
|         |                                  | 216 ⇔ 255 | No function                                     |
| 13      | Ring macro/program speed         | 000 ⇔ 127 | LED macro/automatic program speed, fast to slow |
|         |                                  | 128       | Stop  |
|         |                                  | 129 ⇔ 255 | Reverse macro/program, slow to fast             |

| Channel | Function                         | Value     | Percent/Setting                                 |
|---------|----------------------------------|-----------|---|
| 14      | Ring LED delay                   | 000 ⇔ 255 | Built-in LED delay, short to long               |
| 15      | Main LED macro/Automatic program | 000 ⇔ 015 | No function                                     |
|         |                                  | 016 ⇔ 135 | LED macros                                      |
|         |                                  | 136 ⇔ 255 | Automatic programs                              |
| 16      | Main macro/program speed         | 000 ⇔ 127 | LED macro/automatic program speed, fast to slow |
|         |                                  | 128       | Stop  |
|         |                                  | 129 ⇔ 255 | Reverse macro/program, slow to fast             |
| 17      | Main LED delay                   | 000 ⇔ 255 | Built-in LED delay, short to long               |
| 18      | Ring background color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>             |
| 19      | Ring background dimmer           | 000 ⇔ 255 | 0–100%  |
| 20      | Main background color            | 000 ⇔ 255 | See the <a href="#">Color Chart</a>             |
| 21      | Main background dimmer           | 000 ⇔ 255 | 0–100%  |
| 22      | Ring foreground dimmer           | 000 ⇔ 255 | 0–100%  |
| 23      | Main foreground dimmer           | 000 ⇔ 255 | 0–100%  |
| 24      | Ring strobe                      | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>            |
| 25      | Main strobe                      | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>            |
| 26      | Zoom                             | 000 ⇔ 255 | Zoom, narrow to wide                            |
| 27      | Control                          | 000 ⇔ 255 | See the <a href="#">Control Chart</a>           |
| 28      | Ring foreground red              | 000 ⇔ 255 | 0–100%  |
| 29      | Main foreground red              | 000 ⇔ 255 | 0–100%  |
| 30      | Ring foreground green            | 000 ⇔ 255 | 0–100%  |
| 31      | Main foreground green            | 000 ⇔ 255 | 0–100%  |
| 32      | Ring foreground blue             | 000 ⇔ 255 | 0–100%  |
| 33      | Main foreground blue             | 000 ⇔ 255 | 0–100%  |
| 34      | Main foreground white            | 000 ⇔ 255 | 0–100%  |

**Basic (11 channels)**

| Channel | Function               | Value     | Percent/Setting                       |
|---------|------------------------|-----------|---------------------------------------|
| 1       | Pan                    | 000 ⇔ 255 | 0–100%                                |
| 2       | Fine pan               | 000 ⇔ 255 | 0–100%                                |
| 3       | Tilt                   | 000 ⇔ 255 | 0–100%                                |
| 4       | Fine tilt              | 000 ⇔ 255 | 0–100%                                |
| 5       | Pan/tilt speed         | 000 ⇔ 255 | Pan/tilt speed, fast to slow          |
| 6       | Ring foreground dimmer | 000 ⇔ 255 | 0–100%                                |
| 7       | Main foreground dimmer | 000 ⇔ 255 | 0–100%                                |
| 8       | Ring strobe            | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>  |
| 9       | Main strobe            | 000 ⇔ 255 | See the <a href="#">Strobe Chart</a>  |
| 10      | Zoom                   | 000 ⇔ 255 | Zoom, narrow to wide                  |
| 11      | Control                | 000 ⇔ 255 | See the <a href="#">Control Chart</a> |



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### Dual Control Mode (Pixels)

Advanced (224 channels)

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

| Channel | Function      | Value     | Percent/Setting |
|---------|---------------|-----------|-----------------|
| 47      | Blue 8        | 000 ⇔ 255 | 0–100%          |
| 48      | Fine blue 8   | 000 ⇔ 255 | 0–100%          |
| 49      | Red 9         | 000 ⇔ 255 | 0–100%          |
| 50      | Fine red 9    | 000 ⇔ 255 | 0–100%          |
| 51      | Green 9       | 000 ⇔ 255 | 0–100%          |
| 52      | Fine green 9  | 000 ⇔ 255 | 0–100%          |
| 53      | Blue 9        | 000 ⇔ 255 | 0–100%          |
| 54      | Fine blue 9   | 000 ⇔ 255 | 0–100%          |
| 55      | Red 10        | 000 ⇔ 255 | 0–100%          |
| 56      | Fine red 10   | 000 ⇔ 255 | 0–100%          |
| 57      | Green 10      | 000 ⇔ 255 | 0–100%          |
| 58      | Fine green 10 | 000 ⇔ 255 | 0–100%          |
| 59      | Blue 10       | 000 ⇔ 255 | 0–100%          |
| 60      | Fine blue 10  | 000 ⇔ 255 | 0–100%          |
| 61      | Red 11        | 000 ⇔ 255 | 0–100%          |
| 62      | Fine red 11   | 000 ⇔ 255 | 0–100%          |
| 63      | Green 11      | 000 ⇔ 255 | 0–100%          |
| 64      | Fine green 11 | 000 ⇔ 255 | 0–100%          |
| 65      | Blue 11       | 000 ⇔ 255 | 0–100%          |
| 66      | Fine blue 11  | 000 ⇔ 255 | 0–100%          |
| 67      | Red 12        | 000 ⇔ 255 | 0–100%          |
| 68      | Fine red 12   | 000 ⇔ 255 | 0–100%          |
| 69      | Green 12      | 000 ⇔ 255 | 0–100%          |
| 70      | Fine green 12 | 000 ⇔ 255 | 0–100%          |
| 71      | Blue 12       | 000 ⇔ 255 | 0–100%          |
| 72      | Fine blue 12  | 000 ⇔ 255 | 0–100%          |
| 73      | Red 13        | 000 ⇔ 255 | 0–100%          |
| 74      | Fine red 13   | 000 ⇔ 255 | 0–100%          |
| 75      | Green 13      | 000 ⇔ 255 | 0–100%          |
| 76      | Fine green 13 | 000 ⇔ 255 | 0–100%          |
| 77      | Blue 13       | 000 ⇔ 255 | 0–100%          |
| 78      | Fine blue 13  | 000 ⇔ 255 | 0–100%          |
| 79      | White 13      | 000 ⇔ 255 | 0–100%          |
| 80      | Fine white 13 | 000 ⇔ 255 | 0–100%          |
| 81      | Red 14        | 000 ⇔ 255 | 0–100%          |
| 82      | Fine red 14   | 000 ⇔ 255 | 0–100%          |
| 83      | Green 14      | 000 ⇔ 255 | 0–100%          |
| 84      | Fine green 14 | 000 ⇔ 255 | 0–100%          |
| 85      | Blue 14       | 000 ⇔ 255 | 0–100%          |
| 86      | Fine blue 14  | 000 ⇔ 255 | 0–100%          |
| 87      | White 14      | 000 ⇔ 255 | 0–100%          |
| 88      | Fine white 14 | 000 ⇔ 255 | 0–100%          |
| 89      | Red 15        | 000 ⇔ 255 | 0–100%          |
| 90      | Fine red 15   | 000 ⇔ 255 | 0–100%          |
| 91      | Green 15      | 000 ⇔ 255 | 0–100%          |
| 92      | Fine green 15 | 000 ⇔ 255 | 0–100%          |
| 93      | Blue 15       | 000 ⇔ 255 | 0–100%          |
| 94      | Fine blue 15  | 000 ⇔ 255 | 0–100%          |

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| Channel | Function      | Value     | Percent/Setting |
|---------|---------------|-----------|-----------------|
| 95      | White 15      | 000 ⇔ 255 | 0–100%          |
| 96      | Fine white 15 | 000 ⇔ 255 | 0–100%          |
| 97      | Red 16        | 000 ⇔ 255 | 0–100%          |
| 98      | Fine red 16   | 000 ⇔ 255 | 0–100%          |
| 99      | Green 16      | 000 ⇔ 255 | 0–100%          |
| 100     | Fine green 16 | 000 ⇔ 255 | 0–100%          |
| 101     | Blue 16       | 000 ⇔ 255 | 0–100%          |
| 102     | Fine blue 16  | 000 ⇔ 255 | 0–100%          |
| 103     | White 16      | 000 ⇔ 255 | 0–100%          |
| 104     | Fine white 16 | 000 ⇔ 255 | 0–100%          |
| 105     | Red 17        | 000 ⇔ 255 | 0–100%          |
| 106     | Fine red 17   | 000 ⇔ 255 | 0–100%          |
| 107     | Green 17      | 000 ⇔ 255 | 0–100%          |
| 108     | Fine green 17 | 000 ⇔ 255 | 0–100%          |
| 109     | Blue 17       | 000 ⇔ 255 | 0–100%          |
| 110     | Fine blue 17  | 000 ⇔ 255 | 0–100%          |
| 111     | White 17      | 000 ⇔ 255 | 0–100%          |
| 112     | Fine white 17 | 000 ⇔ 255 | 0–100%          |
| 113     | Red 18        | 000 ⇔ 255 | 0–100%          |
| 114     | Fine red 18   | 000 ⇔ 255 | 0–100%          |
| 115     | Green 18      | 000 ⇔ 255 | 0–100%          |
| 116     | Fine green 18 | 000 ⇔ 255 | 0–100%          |
| 117     | Blue 18       | 000 ⇔ 255 | 0–100%          |
| 118     | Fine blue 18  | 000 ⇔ 255 | 0–100%          |
| 119     | White 18      | 000 ⇔ 255 | 0–100%          |
| 120     | Fine white 18 | 000 ⇔ 255 | 0–100%          |
| 121     | Red 19        | 000 ⇔ 255 | 0–100%          |
| 122     | Fine red 19   | 000 ⇔ 255 | 0–100%          |
| 123     | Green 19      | 000 ⇔ 255 | 0–100%          |
| 124     | Fine green 19 | 000 ⇔ 255 | 0–100%          |
| 125     | Blue 19       | 000 ⇔ 255 | 0–100%          |
| 126     | Fine blue 19  | 000 ⇔ 255 | 0–100%          |
| 127     | White 19      | 000 ⇔ 255 | 0–100%          |
| 128     | Fine white 19 | 000 ⇔ 255 | 0–100%          |
| 129     | Red 20        | 000 ⇔ 255 | 0–100%          |
| 130     | Fine red 20   | 000 ⇔ 255 | 0–100%          |
| 131     | Green 20      | 000 ⇔ 255 | 0–100%          |
| 132     | Fine green 20 | 000 ⇔ 255 | 0–100%          |
| 133     | Blue 20       | 000 ⇔ 255 | 0–100%          |
| 134     | Fine blue 20  | 000 ⇔ 255 | 0–100%          |
| 135     | White 20      | 000 ⇔ 255 | 0–100%          |
| 136     | Fine white 20 | 000 ⇔ 255 | 0–100%          |
| 137     | Red 21        | 000 ⇔ 255 | 0–100%          |
| 138     | Fine red 21   | 000 ⇔ 255 | 0–100%          |
| 139     | Green 21      | 000 ⇔ 255 | 0–100%          |
| 140     | Fine green 21 | 000 ⇔ 255 | 0–100%          |
| 141     | Blue 21       | 000 ⇔ 255 | 0–100%          |
| 142     | Fine blue 21  | 000 ⇔ 255 | 0–100%          |

| Channel | Function      | Value     | Percent/Setting |
|---------|---------------|-----------|-----------------|
| 143     | White 21      | 000 ⇄ 255 | 0–100%          |
| 144     | Fine white 21 | 000 ⇄ 255 | 0–100%          |
| 145     | Red 22        | 000 ⇄ 255 | 0–100%          |
| 146     | Fine red 22   | 000 ⇄ 255 | 0–100%          |
| 147     | Green 22      | 000 ⇄ 255 | 0–100%          |
| 148     | Fine green 22 | 000 ⇄ 255 | 0–100%          |
| 149     | Blue 22       | 000 ⇄ 255 | 0–100%          |
| 150     | Fine blue 22  | 000 ⇄ 255 | 0–100%          |
| 151     | White 22      | 000 ⇄ 255 | 0–100%          |
| 152     | Fine white 22 | 000 ⇄ 255 | 0–100%          |
| 153     | Red 23        | 000 ⇄ 255 | 0–100%          |
| 154     | Fine red 23   | 000 ⇄ 255 | 0–100%          |
| 155     | Green 23      | 000 ⇄ 255 | 0–100%          |
| 156     | Fine green 23 | 000 ⇄ 255 | 0–100%          |
| 157     | Blue 23       | 000 ⇄ 255 | 0–100%          |
| 158     | Fine blue 23  | 000 ⇄ 255 | 0–100%          |
| 159     | White 23      | 000 ⇄ 255 | 0–100%          |
| 160     | Fine white 23 | 000 ⇄ 255 | 0–100%          |
| 161     | Red 24        | 000 ⇄ 255 | 0–100%          |
| 162     | Fine red 24   | 000 ⇄ 255 | 0–100%          |
| 163     | Green 24      | 000 ⇄ 255 | 0–100%          |
| 164     | Fine green 24 | 000 ⇄ 255 | 0–100%          |
| 165     | Blue 24       | 000 ⇄ 255 | 0–100%          |
| 166     | Fine blue 24  | 000 ⇄ 255 | 0–100%          |
| 167     | White 24      | 000 ⇄ 255 | 0–100%          |
| 168     | Fine white 24 | 000 ⇄ 255 | 0–100%          |
| 169     | Red 25        | 000 ⇄ 255 | 0–100%          |
| 170     | Fine red 25   | 000 ⇄ 255 | 0–100%          |
| 171     | Green 25      | 000 ⇄ 255 | 0–100%          |
| 172     | Fine green 25 | 000 ⇄ 255 | 0–100%          |
| 173     | Blue 25       | 000 ⇄ 255 | 0–100%          |
| 174     | Fine blue 25  | 000 ⇄ 255 | 0–100%          |
| 175     | White 25      | 000 ⇄ 255 | 0–100%          |
| 176     | Fine white 25 | 000 ⇄ 255 | 0–100%          |
| 177     | Red 26        | 000 ⇄ 255 | 0–100%          |
| 178     | Fine red 26   | 000 ⇄ 255 | 0–100%          |
| 179     | Green 26      | 000 ⇄ 255 | 0–100%          |
| 180     | Fine green 26 | 000 ⇄ 255 | 0–100%          |
| 181     | Blue 26       | 000 ⇄ 255 | 0–100%          |
| 182     | Fine blue 26  | 000 ⇄ 255 | 0–100%          |
| 183     | White 26      | 000 ⇄ 255 | 0–100%          |
| 184     | Fine white 26 | 000 ⇄ 255 | 0–100%          |
| 185     | Red 27        | 000 ⇄ 255 | 0–100%          |
| 186     | Fine red 27   | 000 ⇄ 255 | 0–100%          |
| 187     | Green 27      | 000 ⇄ 255 | 0–100%          |
| 188     | Fine green 27 | 000 ⇄ 255 | 0–100%          |
| 189     | Blue 27       | 000 ⇄ 255 | 0–100%          |
| 190     | Fine blue 27  | 000 ⇄ 255 | 0–100%          |

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| Channel | Function      | Value     | Percent/Setting |
|---------|---------------|-----------|-----------------|
| 191     | White 27      | 000 ⇔ 255 | 0–100%          |
| 192     | Fine white 27 | 000 ⇔ 255 | 0–100%          |
| 193     | Red 28        | 000 ⇔ 255 | 0–100%          |
| 194     | Fine red 28   | 000 ⇔ 255 | 0–100%          |
| 195     | Green 28      | 000 ⇔ 255 | 0–100%          |
| 196     | Fine green 28 | 000 ⇔ 255 | 0–100%          |
| 197     | Blue 28       | 000 ⇔ 255 | 0–100%          |
| 198     | Fine blue 28  | 000 ⇔ 255 | 0–100%          |
| 199     | White 28      | 000 ⇔ 255 | 0–100%          |
| 200     | Fine white 28 | 000 ⇔ 255 | 0–100%          |
| 201     | Red 29        | 000 ⇔ 255 | 0–100%          |
| 202     | Fine red 29   | 000 ⇔ 255 | 0–100%          |
| 203     | Green 29      | 000 ⇔ 255 | 0–100%          |
| 204     | Fine green 29 | 000 ⇔ 255 | 0–100%          |
| 205     | Blue 29       | 000 ⇔ 255 | 0–100%          |
| 206     | Fine blue 29  | 000 ⇔ 255 | 0–100%          |
| 207     | White 29      | 000 ⇔ 255 | 0–100%          |
| 208     | Fine white 29 | 000 ⇔ 255 | 0–100%          |
| 209     | Red 30        | 000 ⇔ 255 | 0–100%          |
| 210     | Fine red 30   | 000 ⇔ 255 | 0–100%          |
| 211     | Green 30      | 000 ⇔ 255 | 0–100%          |
| 212     | Fine green 30 | 000 ⇔ 255 | 0–100%          |
| 213     | Blue 30       | 000 ⇔ 255 | 0–100%          |
| 214     | Fine blue 30  | 000 ⇔ 255 | 0–100%          |
| 215     | White 30      | 000 ⇔ 255 | 0–100%          |
| 216     | Fine white 30 | 000 ⇔ 255 | 0–100%          |
| 217     | Red 31        | 000 ⇔ 255 | 0–100%          |
| 218     | Fine red 31   | 000 ⇔ 255 | 0–100%          |
| 219     | Green 31      | 000 ⇔ 255 | 0–100%          |
| 220     | Fine green 31 | 000 ⇔ 255 | 0–100%          |
| 221     | Blue 31       | 000 ⇔ 255 | 0–100%          |
| 222     | Fine blue 31  | 000 ⇔ 255 | 0–100%          |
| 223     | White 31      | 000 ⇔ 255 | 0–100%          |
| 224     | Fine white 31 | 000 ⇔ 255 | 0–100%          |

### Standard (112 channels)

| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 1       | Red 1    | 000 ⇔ 255 | 0–100%          |
| 2       | Green 1  | 000 ⇔ 255 | 0–100%          |
| 3       | Blue 1   | 000 ⇔ 255 | 0–100%          |
| 4       | Red 2    | 000 ⇔ 255 | 0–100%          |
| 5       | Green 2  | 000 ⇔ 255 | 0–100%          |
| 6       | Blue 2   | 000 ⇔ 255 | 0–100%          |
| 7       | Red 3    | 000 ⇔ 255 | 0–100%          |
| 8       | Green 3  | 000 ⇔ 255 | 0–100%          |
| 9       | Blue 3   | 000 ⇔ 255 | 0–100%          |
| 10      | Red 4    | 000 ⇔ 255 | 0–100%          |
| 11      | Green 4  | 000 ⇔ 255 | 0–100%          |

| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 12      | Blue 4   | 000 ⇄ 255 | 0–100%          |
| 13      | Red 5    | 000 ⇄ 255 | 0–100%          |
| 14      | Green 5  | 000 ⇄ 255 | 0–100%          |
| 15      | Blue 5   | 000 ⇄ 255 | 0–100%          |
| 16      | Red 6    | 000 ⇄ 255 | 0–100%          |
| 17      | Green 6  | 000 ⇄ 255 | 0–100%          |
| 18      | Blue 6   | 000 ⇄ 255 | 0–100%          |
| 19      | Red 7    | 000 ⇄ 255 | 0–100%          |
| 20      | Green 7  | 000 ⇄ 255 | 0–100%          |
| 21      | Blue 7   | 000 ⇄ 255 | 0–100%          |
| 22      | Red 8    | 000 ⇄ 255 | 0–100%          |
| 23      | Green 8  | 000 ⇄ 255 | 0–100%          |
| 24      | Blue 8   | 000 ⇄ 255 | 0–100%          |
| 25      | Red 9    | 000 ⇄ 255 | 0–100%          |
| 26      | Green 9  | 000 ⇄ 255 | 0–100%          |
| 27      | Blue 9   | 000 ⇄ 255 | 0–100%          |
| 28      | Red 10   | 000 ⇄ 255 | 0–100%          |
| 29      | Green 10 | 000 ⇄ 255 | 0–100%          |
| 30      | Blue 10  | 000 ⇄ 255 | 0–100%          |
| 31      | Red 11   | 000 ⇄ 255 | 0–100%          |
| 32      | Green 11 | 000 ⇄ 255 | 0–100%          |
| 33      | Blue 11  | 000 ⇄ 255 | 0–100%          |
| 34      | Red 12   | 000 ⇄ 255 | 0–100%          |
| 35      | Green 12 | 000 ⇄ 255 | 0–100%          |
| 36      | Blue 12  | 000 ⇄ 255 | 0–100%          |
| 37      | Red 13   | 000 ⇄ 255 | 0–100%          |
| 38      | Green 13 | 000 ⇄ 255 | 0–100%          |
| 39      | Blue 13  | 000 ⇄ 255 | 0–100%          |
| 40      | White 13 | 000 ⇄ 255 | 0–100%          |
| 41      | Red 14   | 000 ⇄ 255 | 0–100%          |
| 42      | Green 14 | 000 ⇄ 255 | 0–100%          |
| 43      | Blue 14  | 000 ⇄ 255 | 0–100%          |
| 44      | White 14 | 000 ⇄ 255 | 0–100%          |
| 45      | Red 15   | 000 ⇄ 255 | 0–100%          |
| 46      | Green 15 | 000 ⇄ 255 | 0–100%          |
| 47      | Blue 15  | 000 ⇄ 255 | 0–100%          |
| 48      | White 15 | 000 ⇄ 255 | 0–100%          |
| 49      | Red 16   | 000 ⇄ 255 | 0–100%          |
| 50      | Green 16 | 000 ⇄ 255 | 0–100%          |
| 51      | Blue 16  | 000 ⇄ 255 | 0–100%          |
| 52      | White 16 | 000 ⇄ 255 | 0–100%          |
| 53      | Red 17   | 000 ⇄ 255 | 0–100%          |
| 54      | Green 17 | 000 ⇄ 255 | 0–100%          |
| 55      | Blue 17  | 000 ⇄ 255 | 0–100%          |
| 56      | White 17 | 000 ⇄ 255 | 0–100%          |
| 57      | Red 18   | 000 ⇄ 255 | 0–100%          |
| 58      | Green 18 | 000 ⇄ 255 | 0–100%          |
| 59      | Blue 18  | 000 ⇄ 255 | 0–100%          |

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| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 60      | White 18 | 000 ⇔ 255 | 0–100%          |
| 61      | Red 19   | 000 ⇔ 255 | 0–100%          |
| 62      | Green 19 | 000 ⇔ 255 | 0–100%          |
| 63      | Blue 19  | 000 ⇔ 255 | 0–100%          |
| 64      | White 19 | 000 ⇔ 255 | 0–100%          |
| 65      | Red 20   | 000 ⇔ 255 | 0–100%          |
| 66      | Green 20 | 000 ⇔ 255 | 0–100%          |
| 67      | Blue 20  | 000 ⇔ 255 | 0–100%          |
| 68      | White 20 | 000 ⇔ 255 | 0–100%          |
| 69      | Red 21   | 000 ⇔ 255 | 0–100%          |
| 70      | Green 21 | 000 ⇔ 255 | 0–100%          |
| 71      | Blue 21  | 000 ⇔ 255 | 0–100%          |
| 72      | White 21 | 000 ⇔ 255 | 0–100%          |
| 73      | Red 22   | 000 ⇔ 255 | 0–100%          |
| 74      | Green 22 | 000 ⇔ 255 | 0–100%          |
| 75      | Blue 22  | 000 ⇔ 255 | 0–100%          |
| 76      | White 22 | 000 ⇔ 255 | 0–100%          |
| 77      | Red 23   | 000 ⇔ 255 | 0–100%          |
| 78      | Green 23 | 000 ⇔ 255 | 0–100%          |
| 79      | Blue 23  | 000 ⇔ 255 | 0–100%          |
| 80      | White 23 | 000 ⇔ 255 | 0–100%          |
| 81      | Red 24   | 000 ⇔ 255 | 0–100%          |
| 82      | Green 24 | 000 ⇔ 255 | 0–100%          |
| 83      | Blue 24  | 000 ⇔ 255 | 0–100%          |
| 84      | White 24 | 000 ⇔ 255 | 0–100%          |
| 85      | Red 25   | 000 ⇔ 255 | 0–100%          |
| 86      | Green 25 | 000 ⇔ 255 | 0–100%          |
| 87      | Blue 25  | 000 ⇔ 255 | 0–100%          |
| 88      | White 25 | 000 ⇔ 255 | 0–100%          |
| 89      | Red 26   | 000 ⇔ 255 | 0–100%          |
| 90      | Green 26 | 000 ⇔ 255 | 0–100%          |
| 91      | Blue 26  | 000 ⇔ 255 | 0–100%          |
| 92      | White 26 | 000 ⇔ 255 | 0–100%          |
| 93      | Red 27   | 000 ⇔ 255 | 0–100%          |
| 94      | Green 27 | 000 ⇔ 255 | 0–100%          |
| 95      | Blue 27  | 000 ⇔ 255 | 0–100%          |
| 96      | White 27 | 000 ⇔ 255 | 0–100%          |
| 97      | Red 28   | 000 ⇔ 255 | 0–100%          |
| 98      | Green 28 | 000 ⇔ 255 | 0–100%          |
| 99      | Blue 28  | 000 ⇔ 255 | 0–100%          |
| 100     | White 28 | 000 ⇔ 255 | 0–100%          |
| 101     | Red 29   | 000 ⇔ 255 | 0–100%          |
| 102     | Green 29 | 000 ⇔ 255 | 0–100%          |
| 103     | Blue 29  | 000 ⇔ 255 | 0–100%          |
| 104     | White 29 | 000 ⇔ 255 | 0–100%          |
| 105     | Red 30   | 000 ⇔ 255 | 0–100%          |
| 106     | Green 30 | 000 ⇔ 255 | 0–100%          |
| 107     | Blue 30  | 000 ⇔ 255 | 0–100%          |

| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 108     | White 30 | 000 ⇔ 255 | 0–100%          |
| 109     | Red 31   | 000 ⇔ 255 | 0–100%          |
| 110     | Green 31 | 000 ⇔ 255 | 0–100%          |
| 111     | Blue 31  | 000 ⇔ 255 | 0–100%          |
| 112     | White 31 | 000 ⇔ 255 | 0–100%          |

**Basic (93 channels)**

| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 1       | Red 1    | 000 ⇔ 255 | 0–100%          |
| 2       | Green 1  | 000 ⇔ 255 | 0–100%          |
| 3       | Blue 1   | 000 ⇔ 255 | 0–100%          |
| 4       | Red 2    | 000 ⇔ 255 | 0–100%          |
| 5       | Green 2  | 000 ⇔ 255 | 0–100%          |
| 6       | Blue 2   | 000 ⇔ 255 | 0–100%          |
| 7       | Red 3    | 000 ⇔ 255 | 0–100%          |
| 8       | Green 3  | 000 ⇔ 255 | 0–100%          |
| 9       | Blue 3   | 000 ⇔ 255 | 0–100%          |
| 10      | Red 4    | 000 ⇔ 255 | 0–100%          |
| 11      | Green 4  | 000 ⇔ 255 | 0–100%          |
| 12      | Blue 4   | 000 ⇔ 255 | 0–100%          |
| 13      | Red 5    | 000 ⇔ 255 | 0–100%          |
| 14      | Green 5  | 000 ⇔ 255 | 0–100%          |
| 15      | Blue 5   | 000 ⇔ 255 | 0–100%          |
| 16      | Red 6    | 000 ⇔ 255 | 0–100%          |
| 17      | Green 6  | 000 ⇔ 255 | 0–100%          |
| 18      | Blue 6   | 000 ⇔ 255 | 0–100%          |
| 19      | Red 7    | 000 ⇔ 255 | 0–100%          |
| 20      | Green 7  | 000 ⇔ 255 | 0–100%          |
| 21      | Blue 7   | 000 ⇔ 255 | 0–100%          |
| 22      | Red 8    | 000 ⇔ 255 | 0–100%          |
| 23      | Green 8  | 000 ⇔ 255 | 0–100%          |
| 24      | Blue 8   | 000 ⇔ 255 | 0–100%          |
| 25      | Red 9    | 000 ⇔ 255 | 0–100%          |
| 26      | Green 9  | 000 ⇔ 255 | 0–100%          |
| 27      | Blue 9   | 000 ⇔ 255 | 0–100%          |
| 28      | Red 10   | 000 ⇔ 255 | 0–100%          |
| 29      | Green 10 | 000 ⇔ 255 | 0–100%          |
| 30      | Blue 10  | 000 ⇔ 255 | 0–100%          |
| 31      | Red 11   | 000 ⇔ 255 | 0–100%          |
| 32      | Green 11 | 000 ⇔ 255 | 0–100%          |
| 33      | Blue 11  | 000 ⇔ 255 | 0–100%          |
| 34      | Red 12   | 000 ⇔ 255 | 0–100%          |
| 35      | Green 12 | 000 ⇔ 255 | 0–100%          |
| 36      | Blue 12  | 000 ⇔ 255 | 0–100%          |
| 37      | Red 13   | 000 ⇔ 255 | 0–100%          |
| 38      | Green 13 | 000 ⇔ 255 | 0–100%          |
| 39      | Blue 13  | 000 ⇔ 255 | 0–100%          |
| 40      | Red 14   | 000 ⇔ 255 | 0–100%          |



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| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 41      | Green 14 | 000 ⇔ 255 | 0–100%          |
| 42      | Blue 14  | 000 ⇔ 255 | 0–100%          |
| 43      | Red 15   | 000 ⇔ 255 | 0–100%          |
| 44      | Green 15 | 000 ⇔ 255 | 0–100%          |
| 45      | Blue 15  | 000 ⇔ 255 | 0–100%          |
| 46      | Red 16   | 000 ⇔ 255 | 0–100%          |
| 47      | Green 16 | 000 ⇔ 255 | 0–100%          |
| 48      | Blue 16  | 000 ⇔ 255 | 0–100%          |
| 49      | Red 17   | 000 ⇔ 255 | 0–100%          |
| 50      | Green 17 | 000 ⇔ 255 | 0–100%          |
| 51      | Blue 17  | 000 ⇔ 255 | 0–100%          |
| 52      | Red 18   | 000 ⇔ 255 | 0–100%          |
| 53      | Green 18 | 000 ⇔ 255 | 0–100%          |
| 54      | Blue 18  | 000 ⇔ 255 | 0–100%          |
| 55      | Red 19   | 000 ⇔ 255 | 0–100%          |
| 56      | Green 19 | 000 ⇔ 255 | 0–100%          |
| 57      | Blue 19  | 000 ⇔ 255 | 0–100%          |
| 58      | Red 20   | 000 ⇔ 255 | 0–100%          |
| 59      | Green 20 | 000 ⇔ 255 | 0–100%          |
| 60      | Blue 20  | 000 ⇔ 255 | 0–100%          |
| 61      | Red 21   | 000 ⇔ 255 | 0–100%          |
| 62      | Green 21 | 000 ⇔ 255 | 0–100%          |
| 63      | Blue 21  | 000 ⇔ 255 | 0–100%          |
| 64      | Red 22   | 000 ⇔ 255 | 0–100%          |
| 65      | Green 22 | 000 ⇔ 255 | 0–100%          |
| 66      | Blue 22  | 000 ⇔ 255 | 0–100%          |
| 67      | Red 23   | 000 ⇔ 255 | 0–100%          |
| 68      | Green 23 | 000 ⇔ 255 | 0–100%          |
| 69      | Blue 23  | 000 ⇔ 255 | 0–100%          |
| 70      | Red 24   | 000 ⇔ 255 | 0–100%          |
| 71      | Green 24 | 000 ⇔ 255 | 0–100%          |
| 72      | Blue 24  | 000 ⇔ 255 | 0–100%          |
| 73      | Red 25   | 000 ⇔ 255 | 0–100%          |
| 74      | Green 25 | 000 ⇔ 255 | 0–100%          |
| 75      | Blue 25  | 000 ⇔ 255 | 0–100%          |
| 76      | Red 26   | 000 ⇔ 255 | 0–100%          |
| 77      | Green 26 | 000 ⇔ 255 | 0–100%          |
| 78      | Blue 26  | 000 ⇔ 255 | 0–100%          |
| 79      | Red 27   | 000 ⇔ 255 | 0–100%          |
| 80      | Green 27 | 000 ⇔ 255 | 0–100%          |
| 81      | Blue 27  | 000 ⇔ 255 | 0–100%          |
| 82      | Red 28   | 000 ⇔ 255 | 0–100%          |
| 83      | Green 28 | 000 ⇔ 255 | 0–100%          |
| 84      | Blue 28  | 000 ⇔ 255 | 0–100%          |
| 85      | Red 29   | 000 ⇔ 255 | 0–100%          |
| 86      | Green 29 | 000 ⇔ 255 | 0–100%          |
| 87      | Blue 29  | 000 ⇔ 255 | 0–100%          |
| 88      | Red 30   | 000 ⇔ 255 | 0–100%          |

| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 89      | Green 30 | 000 ⇔ 255 | 0–100%          |
| 90      | Blue 30  | 000 ⇔ 255 | 0–100%          |
| 91      | Red 31   | 000 ⇔ 255 | 0–100%          |
| 92      | Green 31 | 000 ⇔ 255 | 0–100%          |
| 93      | Blue 31  | 000 ⇔ 255 | 0–100%          |

**Color Chart**

| DMX Value | Function                 | Red Value | Green Value | Blue Value | White Value |
|-----------|--------------------------|-----------|-------------|------------|-------------|
| 000       | No function              | N/A       | N/A         | N/A        | N/A         |
| 001 ⇔ 002 | 2700K                    | 156       | 118         | 000        | 063         |
| 003 ⇔ 004 | 3200K                    | 156       | 141         | 005        | 089         |
| 005 ⇔ 006 | 4200K                    | 156       | 141         | 014        | 255         |
| 007 ⇔ 008 | 5600K                    | 156       | 207         | 054        | 255         |
| 009 ⇔ 010 | 8000K                    | 130       | 255         | 096        | 255         |
| 011       | Blue                     | 000       | 000         | 255        | 000         |
| 012 ⇔ 048 | Blue to cyan             | 000       | +           | 255        | 000         |
| 049       | Cyan                     | 000       | 255         | 255        | 000         |
| 050 ⇔ 086 | Cyan to green            | 000       | 255         | -          | 000         |
| 087       | Green                    | 000       | 255         | 000        | 000         |
| 088 ⇔ 124 | Green to yellow          | +         | 255         | 000        | 000         |
| 125       | Yellow                   | 255       | 255         | 000        | 000         |
| 126 ⇔ 162 | Yellow to red            | 255       | -           | 000        | 000         |
| 163       | Red                      | 255       | 000         | 000        | 000         |
| 164 ⇔ 200 | Red to magenta           | 255       | 000         | +          | 000         |
| 201       | Magenta                  | 255       | 000         | 255        | 000         |
| 202 ⇔ 238 | Magenta to blue          | -         | 000         | 255        | 000         |
| 239       | Blue                     | 000       | 000         | 255        | 000         |
| 240 ⇔ 247 | Color fade, fast to slow | N/A       | N/A         | N/A        | N/A         |
| 248 ⇔ 255 | Color snap, fast to slow | N/A       | N/A         | N/A        | N/A         |

**Strobe Chart**

| DMX Value | Function                           | DMX Value | Function                           |
|-----------|------------------------------------|-----------|------------------------------------|
| 000 ⇔ 019 | Off                                | 145 ⇔ 149 | On                                 |
| 020 ⇔ 024 | On                                 | 150 ⇔ 164 | Random 0–100% strobe, fast to slow |
| 025 ⇔ 064 | Strobe, fast to slow               | 165 ⇔ 169 | On                                 |
| 065 ⇔ 069 | On                                 | 170 ⇔ 184 | Pulse strobe 1, fast to slow       |
| 070 ⇔ 084 | 100–0% strobe, fast to slow        | 185 ⇔ 189 | On                                 |
| 085 ⇔ 089 | On                                 | 190 ⇔ 204 | Random pulse strobe, fast to slow  |
| 090 ⇔ 104 | 0–100% strobe, fast to slow        | 205 ⇔ 209 | On                                 |
| 105 ⇔ 109 | On                                 | 210 ⇔ 224 | 100–0–100% strobe, fast to slow    |
| 110 ⇔ 124 | Random strobe, fast to slow        | 225 ⇔ 229 | On                                 |
| 125 ⇔ 129 | On                                 | 230 ⇔ 244 | Pulse strobe 2, fast to slow       |
| 130 ⇔ 144 | Random 100–0% strobe, fast to slow | 245 ⇔ 255 | On                                 |

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### Control Chart

| DMX Value | Function                      | DMX Value | Function                     |
|-----------|-------------------------------|-----------|------------------------------|
| 000 ⇔ 009 | No function                   | 120 ⇔ 124 | Fan mode ECO                 |
| 010 ⇔ 014 | Blackout on pan/tilt          | 125 ⇔ 129 | Fan mode full                |
| 015 ⇔ 019 | Reserved for future use       | 130 ⇔ 134 | Fan mode auto                |
| 020 ⇔ 024 | RGBW color mixing             | 135 ⇔ 139 | Dimmer mode fast             |
| 025 ⇔ 029 | CMY color mixing              | 140 ⇔ 144 | Dimmer mode smooth           |
| 030 ⇔ 034 | Combine main and ring         | 145 ⇔ 149 | Dimmer curve linear          |
| 035 ⇔ 039 | Disable combine main and ring | 150 ⇔ 154 | Dimmer curve square          |
| 040 ⇔ 044 | Defrost fan on                | 155 ⇔ 159 | Dimmer curve inverse square  |
| 045 ⇔ 049 | Defrost fan off               | 160 ⇔ 164 | Dimmer curve S-curve         |
| 050 ⇔ 054 | Reset pan                     | 165 ⇔ 169 | WHITE mode                   |
| 055 ⇔ 059 | Reset tilt                    | 170 ⇔ 174 | FULL mode                    |
| 060 ⇔ 064 | Zoom reset                    | 175 ⇔ 179 | Single-color calibration off |
| 065 ⇔ 069 | Reserved for future use       | 180 ⇔ 184 | Single-color calibration on  |
| 070 ⇔ 074 | Reset all                     | 185 ⇔ 186 | PWM 600 Hz                   |
| 075 ⇔ 084 | Reserved for future use       | 187 ⇔ 188 | PWM 1200 Hz                  |
| 085 ⇔ 089 | Reverse pan                   | 189 ⇔ 190 | PWM 2000 Hz                  |
| 090 ⇔ 094 | Reverse tilt                  | 191 ⇔ 192 | PWM 4000 Hz                  |
| 095 ⇔ 099 | Normal pan                    | 193 ⇔ 194 | PWM 6000 Hz                  |
| 100 ⇔ 104 | Normal tilt                   | 195 ⇔ 196 | PWM 15000 Hz                 |
| 105 ⇔ 109 | Reserved for future use       | 197 ⇔ 239 | No function                  |
| 110 ⇔ 114 | Preset color HTP on           | 240 ⇔ 247 | Calibration on               |
| 115 ⇔ 119 | Preset color HTP off          | 248 ⇔ 250 | Calibration off              |
|           |                               | 251 ⇔ 255 | No function                  |



#### **Preset Color HTP**

When preset color HTP is on, manual color controls may be used at the same time as preset color controls.  
When preset color HTP is off, preset color controls will override all manual color controls.