

# ZENIT® W300 SMD

COMPACT IP65 SMD LED

WASH LIGHT & STROBE · DMX CONTROL TABLE



| 2 CH<br>CCT Factory-<br>Calibrated | Function | Values |   |     |                        |
|------------------------------------|----------|--------|---|-----|------------------------|
| 1                                  | Dimmer   | 000    | - | 005 | 0% to 100%             |
| 2                                  | CCT      | 006    | - | 006 | Warm white             |
|                                    |          | 007    | - | 046 | Warm white -> 2700K    |
|                                    |          | 047    | - | 047 | Bulb White (2700K)     |
|                                    |          | 048    | - | 087 | 2700K -> 3200K         |
|                                    |          | 088    | - | 088 | Halogen White (3200K)  |
|                                    |          | 089    | - | 128 | 3200K -> 4000K         |
|                                    |          | 129    | - | 129 | Neutral White (4000K)  |
|                                    |          | 130    | - | 169 | 4000K -> 5600K         |
|                                    |          | 170    | - | 170 | Studio-White (5600K)   |
|                                    |          | 171    | - | 210 | 5600K -> 6500K         |
|                                    |          | 211    | - | 211 | Daylight White (6500K) |
|                                    |          | 212    | - | 251 | 6500K -> Cold Daylight |
|                                    |          | 252    | - | 255 | Cold Daylight          |

| 3 CH<br>Factory-<br>Calibrated<br>8 Bit | 4 CH<br>User-<br>Calibrated | 6 CH<br>Factory-<br>Calibrated<br>16 Bit | 8 CH<br>User-<br>Calibrated<br>16 Bit | Function   | Values |   |     |            |
|---|-----------------------------|--|---------------------------------------|------------|--------|---|-----|------------|
| 1                                       | 1                           | 1  | 1                                     | Red        | 000    | - | 255 | 0% to 100% |
|   |                             | 2  | 2                                     | Red fine   | 000    | - | 255 | 0% to 100% |
| 2                                       | 2                           | 3  | 3                                     | Green      | 000    | - | 255 | 0% to 100% |
|   |                             | 4  | 4                                     | Green fine | 000    | - | 255 | 0% to 100% |
| 3                                       | 3                           | 5  | 5                                     | Blue       | 000    | - | 255 | 0% to 100% |
|   |                             | 6  | 6                                     | Blue fine  | 000    | - | 255 | 0% to 100% |
|   | 4                           |  | 7                                     | White      | 000    | - | 255 | 0% to 100% |
|   |                             |  | 8                                     | White fine | 000    | - | 255 | 0% to 100% |

| 3 CH<br>Colour<br>Macros | Function | Values |   |     |            |
|--------------------------|----------|--------|---|-----|------------|
| 1                        | Dimmer   | 000    | - | 255 | 0% to 100% |

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|           |  |           |   |
|-----------|--|-----------|---|
| 2         | Multifunctional Strobe functions                   | 000 - 005 | Strobe open   |
|           |  | 006 - 010 | Strobe closed   |
|           |  | 011 - 033 | Pulse Random, slow -> fast                              |
|           |  | 034 - 056 | Ramp up Random, slow -> fast                            |
|           |  | 057 - 079 | Ramp down Random, slow -> fast                          |
|           |  | 080 - 102 | Random Strobe Effect, slow -> fast                      |
|           |  | 103 - 127 | Strobe Break Effekt, 5s.....1s (short burst with break) |
|           |  | 128 - 250 | Strobe slow -> fast <1Hz - 20Hz                         |
|           |  | 251 - 255 | Strobe open   |
| 3         | Colour Macro                                       | 000 - 005 | Colour off  |
|           |  | 006 - 013 | Red   |
|           |  | 014 - 021 | Amber   |
|           |  | 022 - 029 | Yellow warm   |
|           |  | 030 - 037 | Yellow  |
|           |  | 038 - 045 | Green   |
|           |  | 046 - 053 | Turquoise   |
|           |  | 054 - 061 | Cyan  |
|           |  | 062 - 069 | Blue  |
|           |  | 070 - 077 | Lavender  |
|           |  | 078 - 085 | Mauve   |
|           |  | 086 - 093 | Magenta   |
|           |  | 094 - 101 | Pink  |
|           |  | 102 - 109 | Warm White  |
|           |  | 110 - 117 | White   |
|           |  | 118 - 125 | Cold White  |
|           |  | 126 - 127 | Colour Jumping Stop                                     |
| 128 - 191 | Colour Jumping Speed slow -> fast / Colour 1 -> 12 |           |   |
| 192 - 255 | Colour Fading Speed slow -> fast / Colour 1 -> 12  |           |   |

| 10 CH<br>Full Area-<br>Access<br>8 Bit | 15 CH<br>Full Area-<br>Access<br>16 Bit | Function    | Values |   |     |            |
|--|---|-------------|--------|---|-----|------------|
| 1                                      | 1                                       | Dimmer      | 000    | - | 255 | 0% to 100% |
|  | 2                                       | Dimmer fine | 000    | - | 255 | 0% to 100% |

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|           |                     |                                     |           |  |
|-----------|---------------------|-------------------------------------|-----------|--|
| 2         | 3                   | Multifunctional<br>Strobe Functions | 000 - 005 | Strobe open  |
|           |                     |                                     | 006 - 010 | Strobe closed  |
|           |                     |                                     | 011 - 033 | Pulse Random, slow -> fast                                 |
|           |                     |                                     | 034 - 056 | Ramp up Random, slow -> fast                               |
|           |                     |                                     | 057 - 079 | Ramp down Random, slow -> fast                             |
|           |                     |                                     | 080 - 102 | Random Strobe Effect, slow -> fast                         |
|           |                     |                                     | 103 - 127 | Strobe Break Effekt, 5s.....1s<br>(short burst with break) |
|           |                     |                                     | 128 - 250 | Strobe slow -> fast <1Hz - 20Hz                            |
|           |                     |                                     | 251 - 255 | Strobe open  |
| 3         | 4                   | Red                                 | 000 - 255 | 0% to 100%   |
|           | 5                   | Red fine                            | 000 - 255 | 0% to 100%   |
| 4         | 6                   | Green                               | 000 - 255 | 0% to 100%   |
|           | 7                   | Green fine                          | 000 - 255 | 0% to 100%   |
| 5         | 8                   | Blue                                | 000 - 255 | 0% to 100%   |
|           | 9                   | Blue fine                           | 000 - 255 | 0% to 100%   |
| 6         | 10                  | White                               | 000 - 255 | 0% to 100%   |
|           | 11                  | White fine                          | 000 - 255 | 0% to 100%   |
| 7         | 12                  | Colour Macro<br>(override RGBW)     | 000 - 005 | Colour off   |
|           |                     |                                     | 006 - 013 | Red  |
|           |                     |                                     | 014 - 021 | Amber  |
|           |                     |                                     | 022 - 029 | Yellow warm  |
|           |                     |                                     | 030 - 037 | Yellow   |
|           |                     |                                     | 038 - 045 | Green  |
|           |                     |                                     | 046 - 053 | Turquoise  |
|           |                     |                                     | 054 - 061 | Cyan   |
|           |                     |                                     | 062 - 069 | Blue   |
|           |                     |                                     | 070 - 077 | Lavender   |
|           |                     |                                     | 078 - 085 | Mauve  |
|           |                     |                                     | 086 - 093 | Magenta  |
|           |                     |                                     | 094 - 101 | Pink   |
|           |                     |                                     | 102 - 109 | Warm White   |
|           |                     |                                     | 110 - 117 | White  |
|           |                     |                                     | 118 - 125 | Cold White   |
| 126 - 127 | Colour Jumping Stop |                                     |           |  |

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WASH LIGHT & STROBE · DMX CONTROL TABLE



|     |    |  |                              |   |     |  |
|-----|----|--|------------------------------|---|-----|--|
| 7   | 12 | Colour Macro<br>(override RGBW)                        | 128                          | - | 191 | Colour Jumping Speed slow -> fast / Colour 1 -> 12 |
|     |    |  | 192                          | - | 255 | Colour Fading Speed slow -> fast / Colour 1 -> 12  |
| 8   | 13 | Colour Temperature<br>(affects RGBW and Colour Macros) | 000                          | - | 005 | Off  |
|     |    |  | 006                          | - | 006 | Warm white   |
|     |    |  | 007                          | - | 046 | Warm white -> 2700K                                |
|     |    |  | 047                          | - | 047 | Bulb White (2700K)                                 |
|     |    |  | 048                          | - | 087 | 2700K -> 3200K                                     |
|     |    |  | 088                          | - | 088 | Halogen White (3200K)                              |
|     |    |  | 089                          | - | 128 | 3200K -> 4000K                                     |
|     |    |  | 129                          | - | 129 | Neutral White (4000K)                              |
|     |    |  | 130                          | - | 169 | 4000K -> 5600K                                     |
|     |    |  | 170                          | - | 170 | Studio-White (5600K)                               |
|     |    |  | 171                          | - | 210 | 5600K -> 6500K                                     |
|     |    |  | 211                          | - | 211 | Daylight White (6500K)                             |
|     |    |  | 212                          | - | 251 | 6500K -> Cold Daylight                             |
| 252 | -  | 255  | Cold Daylight                |   |     |  |
| 9   | 14 | Set Dimmer Curve                                       | 000                          | - | 005 | No function  |
|     |    |  | 006                          | - | 063 | Linear Dimmer Curve                                |
|     |    |  | 064                          | - | 127 | Exponential Dimmer Curve                           |
|     |    |  | 128                          | - | 191 | Logarithmic Dimmer Curve                           |
|     |    |  | 192                          | - | 255 | S-Curve Dimmer Curve                               |
| 10  | 15 | Device Settings<br>(please read remark 1*)             | 000                          | - | 057 | No function  |
|     |    |  | 058                          | - | 059 | Pixel Mirroring Off (hold 3s)                      |
|     |    |  | 060                          | - | 061 | Pixel Mirroring Vertical (hold 3s)                 |
|     |    |  | 062                          | - | 063 | Pixel Mirroring Horizontal (hold 3s)               |
|     |    |  | 064                          | - | 065 | Pixel Mirroring Vertical + Horizontal (hold 3s)    |
|     |    |  | 066                          | - | 077 | No function  |
|     |    |  | 078                          | - | 079 | Dimmer Response LED (hold 1,5s)                    |
|     |    |  | 080                          | - | 081 | Dimmer Response Halogen (hold 1,5s)                |
|     |    |  | 082                          | - | 085 | No function  |
|     |    |  | 086                          | - | 087 | Power Mode - Normal (hold 3s)                      |
|     |    |  | 088                          | - | 089 | No function  |
| 090 | -  | 091  | Power Mode - Boost (hold 3s) |   |     |  |

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|           |                       |   |           |                                 |
|-----------|-----------------------|---|-----------|---------------------------------|
| 10        | 15                    | Device Settings<br>(please read<br>remark 1*) | 092 - 097 | No function                     |
|           |                       |   | 098 - 099 | Silent Fan (hold 3s)            |
|           |                       |   | 100 - 100 | Auto Fan (hold 3s)              |
|           |                       |   | 101 - 101 | Fan Off (hold 1,5s)             |
|           |                       |   | 102 - 119 | No function                     |
|           |                       |   | 120 - 121 | LED Frequency 800Hz (hold 3s)   |
|           |                       |   | 122 - 123 | LED Frequency 1200Hz (hold 3s)  |
|           |                       |   | 124 - 125 | LED Frequency 2000Hz (hold 3s)  |
|           |                       |   | 126 - 127 | LED Frequency 3600Hz (hold 3s)  |
|           |                       |   | 128 - 129 | LED Frequency 12000Hz (hold 3s) |
|           |                       |   | 130 - 131 | LED Frequency 2500Hz (hold 3s)  |
|           |                       |   | 132 - 133 | RAW (hold 3s)                   |
|           |                       |   | 134 - 135 | Calibrated (hold 3s)            |
|           |                       |   | 136 - 137 | User Calibrated (hold 3s)       |
|           |                       |   | 138 - 139 | Smart Calibrated (hold 3s)      |
|           |                       |   | 140 - 141 | Display on (hold 3s)            |
| 142 - 143 | Display off (hold 3s) |   |           |                                 |
| 144 - 255 | No function           |   |           |                                 |

| 18 CH<br>RGB<br>Pixel-<br>control<br>calibrated | 24 CH RGB<br>Pixel-<br>control<br>calibrated<br>&<br>Masterdim | Function                                    | Values    |                                   | Sub-Group                      |
|---|--|---|-----------|-----------------------------------|--------------------------------|
|   | 1  | Dimmer                                      | 000 - 255 | 0% to 100%                        | Dimmer                         |
|   | 2  | Dimmer fine                                 | 000 - 255 | 0% to 100%                        |                                |
|   | 3  | Multi-<br>functional<br>Strobe<br>Functions | 000 - 005 | Strobe open                       | Multi-<br>functional<br>Strobe |
|   |  |   | 006 - 010 | Strobe closed                     |                                |
|   |  |   | 011 - 033 | Pulse Random, slow -><br>fast     |                                |
|   |  |   | 034 - 056 | Ramp up Random, slow<br>-> fast   |                                |
|   |  |   | 057 - 079 | Ramp down Random,<br>slow -> fast |                                |
| 080 - 102                                       | Random Strobe Effect,<br>slow -> fast                          |   |           |                                   |                                |

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WASH LIGHT & STROBE · DMX CONTROL TABLE



|       |       |   |       |   |       |   |                          |
|-------|-------|---|-------|---|-------|---|--------------------------|
|       | 3     | Multi-functional Strobe Functions       | 103   | - | 127   | Strobe Break Effekt, 5s.....1s (short burst with break) | Multi-functional Strobe  |
|       |       |   | 128   | - | 250   | Strobe slow -> fast <1Hz - 20Hz                         |                          |
|       |       |   | 251   | - | 255   | Strobe open   |                          |
|       | 4     | Duration                                | 000   | - | 255   | Flash duration (0ms to 510ms)                           |                          |
| 1     | 5     | Pixel 1 R                               | 000   | - | 255   | 0% to 100%  | Singel Pixel Control 1-6 |
| 2     | 6     | Pixel 1 G                               | 000   | - | 255   | 0% to 100%  |                          |
| 3     | 7     | Pixel 1 B                               | 000   | - | 255   | 0% to 100%  |                          |
| 4     | 8     | Pixel 2 R                               | 000   | - | 255   | 0% to 100%  |                          |
| 5     | 9     | Pixel 2 G                               | 000   | - | 255   | 0% to 100%  |                          |
| 6     | 10    | Pixel 2 B                               | 000   | - | 255   | 0% to 100%  |                          |
| 7     | 11    | Pixel 3 R                               | 000   | - | 255   | 0% to 100%  |                          |
| 8     | 12    | Pixel 3 G                               | 000   | - | 255   | 0% to 100%  |                          |
| 9     | 13    | Pixel 3 B                               | 000   | - | 255   | 0% to 100%  |                          |
| ..... | ..... | .....                                   | ..... | - | ..... | ..... In same order Pixel 4 to 6                        |                          |
| 16    | 20    | Pixel 6 R                               | 000   | - | 255   | 0% to 100%  |                          |
| 17    | 21    | Pixel 6 G                               | 000   | - | 255   | 0% to 100%  |                          |
| 18    | 22    | Pixel 6 B                               | 000   | - | 255   | 0% to 100%  |                          |
|       | 23    | Set Dimmer Curve                        | 000   | - | 005   | No function   | Set Dimmer Curve         |
|       |       |   | 006   | - | 063   | Linear Dimmer Curve                                     |                          |
|       |       |   | 064   | - | 127   | Exponential Dimmer Curve                                |                          |
|       |       |   | 128   | - | 191   | Logarithmic Dimmer Curve                                |                          |
|       |       |   | 192   | - | 255   | S-Curve Dimmer Curve                                    |                          |
|       | 24    | Device Settings (please read remark 1*) | 000   | - | 057   | No function   | Control                  |
|       |       |   | 058   | - | 059   | Pixel Mirroring Off (hold 3s)                           |                          |
|       |       |   | 060   | - | 061   | Pixel Mirroring Vertical (hold 3s)                      |                          |
|       |       |   | 062   | - | 063   | Pixel Mirroring Horizontal (hold 3s)                    |                          |

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|           |  |           |   |         |
|-----------|--|-----------|---|---------|
| 24        | Device Settings<br>(please read remark 1*) | 064 - 065 | Pixel Mirroring Vertical + Horizontal (hold 3s) | Control |
|           |  | 066 - 077 | no function                                     |         |
|           |  | 078 - 079 | Dimmer Response LED (hold 1,5s)                 |         |
|           |  | 080 - 081 | Dimmer Response Halogen (hold 1,5s)             |         |
|           |  | 082 - 085 | No function                                     |         |
|           |  | 086 - 087 | Power Mode - Normal (hold 3s)                   |         |
|           |  | 088 - 089 | No function                                     |         |
|           |  | 090 - 091 | Power Mode - Boost (hold 3s)                    |         |
|           |  | 092 - 097 | No function                                     |         |
|           |  | 098 - 099 | Silent Fan (hold 3s)                            |         |
|           |  | 100 - 100 | Auto Fan (hold 3s)                              |         |
|           |  | 101 - 101 | Fan Off (hold 1,5s)                             |         |
|           |  | 102 - 119 | No function                                     |         |
|           |  | 120 - 121 | LED Frequency 800Hz (hold 3s)                   |         |
|           |  | 122 - 123 | LED Frequency 1200Hz (hold 3s)                  |         |
|           |  | 124 - 125 | LED Frequency 2000Hz (hold 3s)                  |         |
|           |  | 126 - 127 | LED Frequency 3600Hz (hold 3s)                  |         |
|           |  | 128 - 129 | LED Frequency 12000Hz (hold 3s)                 |         |
|           |  | 130 - 131 | LED Frequency 2500Hz (hold 3s)                  |         |
|           |  | 132 - 133 | RAW (hold 3s)                                   |         |
|           |  | 134 - 135 | No function                                     |         |
|           |  | 136 - 137 | User Calibrated (hold 3s)                       |         |
|           |  | 138 - 139 | No function                                     |         |
|           |  | 140 - 141 | Display on (hold 3s)                            |         |
| 142 - 143 | Display off (hold 3s)                      |           |   |         |
| 144 - 255 | No function                                |           |   |         |

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| 24 CH<br>RGBW<br>Pixel-<br>control<br>User-<br>Calibrated | 30CH<br>RGBW<br>Pixel-<br>control<br>User-<br>Calibrated<br>&<br>Masterdim | Function                                    | Values    |       | Sub-Group   |                                |
|---|--|---|-----------|-------|---|--------------------------------|
|   | 1  | Dimmer                                      | 000       | - 255 | 0% to 100%  | Dimmer                         |
|   | 2  | Dimmer fine                                 | 000       | - 255 | 0% to 100%  |                                |
|   | 3  | Multi-<br>functional<br>Strobe<br>Functions | 000       | - 005 | Strobe open   | Multi-<br>functional<br>Strobe |
|   |  |   | 006       | - 010 | Strobe closed   |                                |
|   |  |   | 011       | - 033 | Pulse Random,<br>slow -> fast                                 |                                |
|   |  |   | 034       | - 056 | Ramp up Random,<br>slow -> fast                               |                                |
|   |  |   | 057       | - 079 | Ramp down Random,<br>slow -> fast                             |                                |
|   |  |   | 080       | - 102 | Random Strobe Effect,<br>slow -> fast                         |                                |
|   |  |   | 103       | - 127 | Strobe Break Effekt,<br>5s.....1s<br>(short burst with break) |                                |
|   |  |   | 128       | - 250 | Strobe slow -> fast<br><1Hz - 20Hz                            |                                |
|   |  |   | 251       | - 255 | Strobe open   |                                |
|   | 4  | Duration                                    | 000       | - 255 | Flash duration<br>(0ms to 510ms)                              |                                |
|   | 1  | 5   | Pixel 1 R | 000   | - 255   | 0% to 100%                     |
| 2   | 6  | Pixel 1 G                                   | 000       | - 255 | 0% to 100%  |                                |
| 3   | 7  | Pixel 1 B                                   | 000       | - 255 | 0% to 100%  |                                |
| 4   | 8  | Pixel 1 W                                   | 000       | - 255 | 0% to 100%  |                                |
| 5   | 9  | Pixel 2 R                                   | 000       | - 255 | 0% to 100%  |                                |
| 6   | 10   | Pixel 2 G                                   | 000       | - 255 | 0% to 100%  |                                |
| 7   | 11   | Pixel 2 B                                   | 000       | - 255 | 0% to 100%  |                                |
| 8   | 12   | Pixel 2 W                                   | 000       | - 255 | 0% to 100%  |                                |
| 9   | 13   | Pixel 3 R                                   | 000       | - 255 | 0% to 100%  |                                |
| 10  | 14   | Pixel 3 G                                   | 000       | - 255 | 0% to 100%  |                                |



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|           |                    |  |               |   |                             |             |
|-----------|--------------------|--|---------------|---|-----------------------------|-------------|
| 11        | 15                 | Pixel 3 B                                  | 000 - 255     | 0% to 100%                                      | Singel Pixel Control<br>1-6 |             |
| 12        | 16                 | Pixel 3 W                                  | 000 - 255     | 0% to 100%                                      |                             |             |
| .....     | .....              | .....                                      | ..... - ..... | ..... In same order Pixel 4 to 6                |                             |             |
| 21        | 25                 | Pixel 6 R                                  | 000 - 255     | 0% to 100%                                      |                             |             |
| 22        | 26                 | Pixel 6 G                                  | 000 - 255     | 0% to 100%                                      |                             |             |
| 23        | 27                 | Pixel 6 B                                  | 000 - 255     | 0% to 100%                                      |                             |             |
| 24        | 28                 | Pixel 6 W                                  | 000 - 255     | 0% to 100%                                      | Set Dimmer Curve            |             |
|           | 29                 | Set Dimmer Curve                           | 000           | 005   |                             | no function |
|           |                    |  | 006 - 063     | Linear Dimmer Curve                             |                             |             |
|           |                    |  | 064 - 127     | Exponential Dimmer Curve                        |                             |             |
|           |                    |  | 128 - 191     | Logarithmic Dimmer Curve                        |                             |             |
|           |                    |  | 192 - 255     | S-Curve Dimmer Curve                            |                             |             |
|           | 30                 | Device Settings<br>(please read remark 1*) | 000 - 057     | No function                                     | Control                     |             |
|           |                    |  | 058 - 059     | Pixel Mirroring Off (hold 3s)                   |                             |             |
|           |                    |  | 060 - 061     | Pixel Mirroring Vertical (hold 3s)              |                             |             |
|           |                    |  | 062 - 063     | Pixel Mirroring Horizontal (hold 3s)            |                             |             |
|           |                    |  | 064 - 065     | Pixel Mirroring Vertical + Horizontal (hold 3s) |                             |             |
|           |                    |  | 066 - 077     | No function                                     |                             |             |
|           |                    |  | 078 - 079     | Dimmer Response LED (hold 1,5s)                 |                             |             |
|           |                    |  | 080 - 081     | Dimmer Response Halogen (hold 1,5s)             |                             |             |
|           |                    |  | 082 - 085     | No function                                     |                             |             |
|           |                    |  | 086 - 087     | Power Mode - Normal (hold 3s)                   |                             |             |
|           |                    |  | 088 - 089     | No function                                     |                             |             |
|           |                    |  | 090 - 091     | Power Mode - Boost (hold 3s)                    |                             |             |
|           |                    |  | 092 - 097     | No function                                     |                             |             |
|           |                    |  | 098 - 099     | Silent Fan (hold 3s)                            |                             |             |
| 100 - 100 | Auto Fan (hold 3s) |  |               |   |                             |             |

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|    |  |           |                                 |         |
|----|--|-----------|---------------------------------|---------|
| 30 | Device Settings<br>(please read remark 1*) | 101 - 101 | Fan Off (hold 1,5s)             | Control |
|    |  | 102 - 119 | No function                     |         |
|    |  | 120 - 121 | LED Frequency 800Hz (hold 3s)   |         |
|    |  | 122 - 123 | LED Frequency 1200Hz (hold 3s)  |         |
|    |  | 124 - 125 | LED Frequency 2000Hz (hold 3s)  |         |
|    |  | 126 - 127 | LED Frequency 3600Hz (hold 3s)  |         |
|    |  | 128 - 129 | LED Frequency 12000Hz (hold 3s) |         |
|    |  | 130 - 131 | LED Frequency 2500Hz (hold 3s)  |         |
|    |  | 132 - 133 | RAW (hold 3s)                   |         |
|    |  | 134 - 135 | No function                     |         |
|    |  | 136 - 137 | User Calibrated (hold 3s)       |         |
|    |  | 138 - 139 | No function                     |         |
|    |  | 140 - 141 | Display on (hold 3s)            |         |
|    |  | 142 - 143 | Display off (hold 3s)           |         |
|    |  | 144 - 255 | No function                     |         |

| 39 CH Full Area Pattern 16 Bit | 63 CH Full Access Pixelcontrol & Pattern | Function                          | Values               | Sub-Group                      |                         |
|--------------------------------|--|-----------------------------------|----------------------|--------------------------------|-------------------------|
| 1                              | 1  | Dimmer                            | 000 - 255 0% to 100% | Dimmer                         |                         |
| 2                              | 2  | Dimmer fine                       | 000 - 255 0% to 100% |                                |                         |
| 3                              | 3  | Multi-functional Strobe Functions | 000 - 005            | Strobe open                    | Multi-functional Strobe |
|                                |  |                                   | 006 - 010            | Strobe closed                  |                         |
|                                |  |                                   | 011 - 033            | Pulse Random, slow -> fast     |                         |
|                                |  |                                   | 034 - 056            | Ramp up Random, slow -> fast   |                         |
|                                |  |                                   | 057 - 079            | Ramp down Random, slow -> fast |                         |

# ZENIT® W300 SMD

COMPACT IP65 SMD LED

WASH LIGHT & STROBE · DMX CONTROL TABLE



|    |           |                                   |       |     |            |   |                          |
|----|-----------|-----------------------------------|-------|-----|------------|---|--------------------------|
| 3  | 3         | Multi-functional Strobe Functions | 080   | -   | 102        | Random Strobe Effect, slow -> fast                      | Multi-functional Strobe  |
|    |           |                                   | 103   | -   | 127        | Strobe Break Effekt, 5s.....1s (short burst with break) |                          |
|    |           |                                   | 128   | -   | 250        | Strobe slow -> fast <1Hz - 20Hz                         |                          |
|    |           |                                   | 251   | -   | 255        | Strobe open   |                          |
| 4  | 4         | Duration                          | 000   | -   | 255        | Flash duration (0ms to 510ms)                           |                          |
| 5  | 5         | Red                               | 000   | -   | 255        | 0% to 100%  | Red                      |
| 6  | 6         | Red fine                          | 000   | -   | 255        | 0% to 100%  |                          |
| 7  | 7         | Green                             | 000   | -   | 255        | 0% to 100%  | Green                    |
| 8  | 8         | Green fine                        | 000   | -   | 255        | 0% to 100%  |                          |
| 9  | 9         | Blue                              | 000   | -   | 255        | 0% to 100%  | Blue                     |
| 10 | 10        | Blue fine                         | 000   | -   | 255        | 0% to 100%  |                          |
| 11 | 11        | White                             | 000   | -   | 255        | 0% to 100%  | White                    |
| 12 | 12        | White fine                        | 000   | -   | 255        | 0% to 100%  |                          |
|    | 13        | Pixel 1 R                         | 000   | -   | 255        | 0% to 100%  | Singel Pixel Control 1-6 |
|    | 14        | Pixel 1 G                         | 000   | -   | 255        | 0% to 100%  |                          |
|    | 15        | Pixel 1 B                         | 000   | -   | 255        | 0% to 100%  |                          |
|    | 16        | Pixel 1 W                         | 000   | -   | 255        | 0% to 100%  |                          |
|    | 17        | Pixel 2 R                         | 000   | -   | 255        | 0% to 100%  |                          |
|    | 18        | Pixel 2 G                         | 000   | -   | 255        | 0% to 100%  |                          |
|    | 19        | Pixel 2 B                         | 000   | -   | 255        | 0% to 100%  |                          |
|    | 20        | Pixel 2 W                         | 000   | -   | 255        | 0% to 100%  |                          |
|    | 21        | Pixel 3 R                         | 000   | -   | 255        | 0% to 100%  |                          |
|    | 22        | Pixel 3 G                         | 000   | -   | 255        | 0% to 100%  |                          |
|    | 23        | Pixel 3 B                         | 000   | -   | 255        | 0% to 100%  |                          |
|    | 24        | Pixel 3 W                         | 000   | -   | 255        | 0% to 100%  |                          |
|    | .....     | .....                             | ..... | -   | .....      | ..... In same order Pixel 4 to 6                        |                          |
|    | 33        | Pixel 6 R                         | 000   | -   | 255        | 0% to 100%  |                          |
|    | 34        | Pixel 6 G                         | 000   | -   | 255        | 0% to 100%  |                          |
|    | 35        | Pixel 6 B                         | 000   | -   | 255        | 0% to 100%  |                          |
| 36 | Pixel 6 W | 000                               | -     | 255 | 0% to 100% |   |                          |

# ZENIT® W300 SMD

COMPACT IP65 SMD LED

WASH LIGHT & STROBE · DMX CONTROL TABLE



|           |  |  |           |  |                       |
|-----------|--|--|-----------|--|-----------------------|
| 13        | 37   | Colour Macro<br>(override<br>RGBW)                                 | 000 - 005 | Colour off   | Colour Macro          |
|           |  |  | 006 - 013 | Red  |                       |
|           |  |  | 014 - 021 | Amber  |                       |
|           |  |  | 022 - 029 | Yellow warm  |                       |
|           |  |  | 030 - 037 | Yellow   |                       |
|           |  |  | 038 - 045 | Green  |                       |
|           |  |  | 046 - 053 | Turquoise  |                       |
|           |  |  | 054 - 061 | Cyan   |                       |
|           |  |  | 062 - 069 | Blue   |                       |
|           |  |  | 070 - 077 | Lavender   |                       |
|           |  |  | 078 - 085 | Mauve  |                       |
|           |  |  | 086 - 093 | Magenta  |                       |
|           |  |  | 094 - 101 | Pink   |                       |
|           |  |  | 102 - 109 | Warm White   |                       |
|           |  |  | 110 - 117 | White  |                       |
|           |  |  | 118 - 125 | Cold White   |                       |
|           |  |  | 126 - 127 | Colour Jumping Stop  |                       |
| 128 - 191 | Colour Jumping Speed<br>slow -> fast / Colour 1<br>-> 12 |  |           |  |                       |
| 192 - 255 | Colour Fading Speed<br>slow -> fast / Colour 1<br>-> 12  |  |           |  |                       |
| 14        | 38   | Colour<br>Temperature<br>(affects<br>RGBW and<br>Colour<br>Macros) | 000 - 005 | OFF (except Mode „2CH<br>CCT“ and 4CH CCT. In<br>these modes 0-5Dez is<br>2700K too) | Colour<br>Temperature |
|           |  |  | 006 - 006 | Warm white   |                       |
|           |  |  | 007 - 046 | Warm white -> 2700K  |                       |
|           |  |  | 047 - 047 | Bulb White (2700K)   |                       |
|           |  |  | 048 - 087 | 2700K -> 3200K   |                       |
|           |  |  | 088 - 088 | Halogen White (3200K)  |                       |
|           |  |  | 089 - 128 | 3200K -> 4000K   |                       |
|           |  |  | 129 - 129 | Neutral White (4000K)  |                       |
|           |  |  | 130 - 169 | 4000K -> 5600K   |                       |
|           |  |  | 170 - 170 | Studio-White (5600K)   |                       |
|           |  |  | 171 - 210 | 5600K -> 6500K   |                       |

# ZENIT® W300 SMD

COMPACT IP65 SMD LED

WASH LIGHT & STROBE · DMX CONTROL TABLE



|    |    |  |           |   |  |
|----|----|--|-----------|---|--|
| 14 | 38 | Colour Temperature (affects RGBW and Colour Macros)            | 211 - 211 | Daylight White (6500K)                          | Colour Temperature   |
|    |    |  | 212 - 251 | 6500K -> cold Daylight                          |  |
|    |    |  | 252 - 255 | Cold Daylight                                   |  |
| 15 | 39 | Tint (affects Colour Temperature)                              | 000 - 000 | Off   | Tint   |
|    |    |  | 005 - 127 | Magenta -> Neutral                              |  |
|    |    |  | 128 - 128 | neutral   |  |
|    |    |  | 129 - 255 | Neutral -> Green                                |  |
| 16 | 40 | Colour Macro Crossfade (Transition Time between Colour Macros) | 000 - 005 | 0s  | Colour Macro Crossfade   |
|    |    |  | 006 - 105 | 0,1s - 10s (0,1s Steps)                         |  |
|    |    |  | 106 - 214 | 11s - 119s (1s Steps)                           |  |
|    |    |  | 215 - 244 | 2m - 4m50s (10s Steps)                          |  |
|    |    |  | 245 - 255 | 5m - 15m (1m Steps)                             |  |
| 17 | 41 | Pattern  | 000 - 005 | Pattern of                                      | Background (all Background functions are enabled with enabled Pattern) |
|    |    |  | 006 - 255 | See Tab Pattern (6-127 dynamic/ 128-255 static) |  |
| 18 | 42 | Speed dynamic Pattern  | 000 - 005 | Effect Pattern Speed Stop                       |  |
|    |    |  | 006 - 126 | Effect Pattern Speed, fast > slow, forward      |  |
|    |    |  | 127 - 127 | Stop  |  |
|    |    |  | 128 - 255 | Effect Pattern Speed, slow > fast, back         |  |
| 19 | 43 | Step or Fade dynamic Pattern                                   | 000 - 005 | off   |  |
|    |    |  | 006 - 255 | Fade Effect Pattern little -> much              |  |

# ZENIT® W300 SMD

COMPACT IP65 SMD LED

WASH LIGHT & STROBE · DMX CONTROL TABLE



|           |                     |  |           |   |   |
|-----------|---------------------|--|-----------|---|---|
| 20        | 44                  | Pattern Transition<br>(Transition between different Pattern & Invert / Swap) | 000 - 005 | 0s  | Background<br>(all Background functions are enabled with enabled Pattern) |
|           |                     |  | 006 - 105 | 0,1s - 10s (0,1s Steps)                                 |   |
|           |                     |  | 106 - 214 | 11s - 119s (1s Steps)                                   |   |
|           |                     |  | 215 - 244 | 2m - 4m50s (10s Steps)                                  |   |
| 245 - 255 | 5m - 15m (1m Steps) |  |           |   |   |
| 21        | 45                  | Stop dynamic Pattern   | 000 - 005 | Stop dynamic Pattern of                                 |   |
|           |                     |  | 006 - 255 | Stop dynamic Pattern after x Steps are done             |   |
| 22        | 46                  | Background Dimmer  | 000 - 255 | 0-100%  |   |
| 23        | 47                  | Background Dimmer fine   | 000 - 255 | 0-100%  |   |
| 24        | 48                  | Background Multifunctional Strobe Functions                                  | 000 - 005 | Strobe open   |   |
|           |                     |  | 006 - 010 | Strobe closed   |   |
|           |                     |  | 011 - 033 | Pulse Random, slow -> fast                              |   |
|           |                     |  | 034 - 056 | Ramp up Random, slow -> fast                            |   |
|           |                     |  | 057 - 079 | Ramp down Random, slow -> fast                          |   |
|           |                     |  | 080 - 102 | Random Strobe Effect, slow -> fast                      |   |
|           |                     |  | 103 - 127 | Strobe Break Effekt, 5s.....1s (short burst with break) |   |
|           |                     |  | 128 - 250 | Strobe slow -> fast <1Hz - 20Hz                         |   |
|           |                     |  | 251 - 255 | Strobe open   |   |
| 25        | 49                  | Duration   | 000 - 255 | Flash duration (0ms to 510ms)                           |   |
| 26        | 50                  | Background Red   | 000 - 255 | 0% to 100%  |   |
| 27        | 51                  | Background Red fine  | 000 - 255 | 0% to 100%  |   |
| 28        | 52                  | Background Green   | 000 - 255 | 0% to 100%  |   |

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# ZENIT® W300 SMD

COMPACT IP65 SMD LED

WASH LIGHT & STROBE · DMX CONTROL TABLE



|     |    |  |  |   |     |             |  |
|-----|----|--|--|---|-----|-------------|--|
| 29  | 53 | Background Green fine                              | 000  | - | 255 | 0% to 100%  | Background (all Background functions are enabled with enabled Pattern) |
| 30  | 54 | Background Blue                                    | 000  | - | 255 | 0% to 100%  |  |
| 31  | 55 | Background Blue fine                               | 000  | - | 255 | 0% to 100%  |  |
| 32  | 56 | Background White                                   | 000  | - | 255 | 0% to 100%  |  |
| 33  | 57 | Background White fine                              | 000  | - | 255 | 0% to 100%  |  |
| 34  | 58 | Background Colour Macro (override Background RGBW) | 000  | - | 005 | Colour off  |  |
|     |    |  | 006  | - | 013 | Red         |  |
|     |    |  | 014  | - | 021 | Amber       |  |
|     |    |  | 022  | - | 029 | Yellow warm |  |
|     |    |  | 030  | - | 037 | Yellow      |  |
|     |    |  | 038  | - | 045 | Green       |  |
|     |    |  | 046  | - | 053 | Turquoise   |  |
|     |    |  | 054  | - | 061 | Cyan        |  |
|     |    |  | 062  | - | 069 | Blue        |  |
|     |    |  | 070  | - | 077 | Lavender    |  |
|     |    |  | 078  | - | 085 | Mauve       |  |
|     |    |  | 086  | - | 093 | Magenta     |  |
|     |    |  | 094  | - | 101 | Pink        |  |
|     |    |  | 102  | - | 109 | Warm White  |  |
| 110 | -  | 117  | White  |   |     |             |  |
| 118 | -  | 125  | Cold White   |   |     |             |  |
| 126 | -  | 127  | Colour Jumping Stop                                |   |     |             |  |
| 128 | -  | 191  | Colour Jumping Speed slow -> fast / Colour 1 -> 12 |   |     |             |  |
| 192 | -  | 255  | Colour Fading Speed slow -> fast / Colour 1 -> 12  |   |     |             |  |

# ZENIT® W300 SMD

COMPACT IP65 SMD LED

WASH LIGHT & STROBE · DMX CONTROL TABLE



|           |               |  |           |                          |  |
|-----------|---------------|--|-----------|--------------------------|--|
| 35        | 59            | Background Colour Temperature (affects Background RGBW and Background Colour Macros) | 000 - 005 | Off                      | Background (all Background functions are enabled with enabled Pattern) |
|           |               |  | 006 - 006 | Warm white               |  |
|           |               |  | 007 - 046 | Warm white -> 2700K      |  |
|           |               |  | 047 - 047 | Bulb White (2700K)       |  |
|           |               |  | 048 - 087 | 2700K -> 3200K           |  |
|           |               |  | 088 - 088 | Halogen White (3200K)    |  |
|           |               |  | 089 - 128 | 3200K -> 4000K           |  |
|           |               |  | 129 - 129 | Neutral White (4000K)    |  |
|           |               |  | 130 - 169 | 4000K -> 5600K           |  |
|           |               |  | 170 - 170 | Studio-White (5600K)     |  |
|           |               |  | 171 - 210 | 5600K -> 6500K           |  |
|           |               |  | 211 - 211 | Daylight White (6500K)   |  |
|           |               |  | 212 - 251 | 6500K -> Cold Daylight   |  |
| 252 - 255 | Cold Daylight |  |           |                          |  |
| 36        | 60            | Background CCT Tint (affects Background Colour Temperature)                          | 000 - 000 | Off                      |  |
|           |               |  | 005 - 127 | Magenta -> Neutral       |  |
|           |               |  | 128 - 128 | Neutral                  |  |
| 37        | 61            | Background Colour Macro Crossfade (Transition Time between Background Colour Macros) | 000 - 005 | 0s                       |  |
|           |               |  | 006 - 105 | 0,1s - 10s (0,1s Steps)  |  |
|           |               |  | 106 - 214 | 11s - 119s (1s Steps)    |  |
|           |               |  | 215 - 244 | 2m - 4m50s (10s Steps)   |  |
|           |               |  | 245 - 255 | 5m - 15m (1m Steps)      |  |
| 38        | 62            | Set Dimmer Curve   | 000 - 005 | No function              | Set Dimmer Curve   |
|           |               |  | 006 - 063 | Linear Dimmer Curve      |  |
|           |               |  | 064 - 127 | Exponential Dimmer Curve |  |
|           |               |  | 128 - 191 | Logarithmic Dimmer Curve |  |
|           |               |  | 192 - 255 | S-Curve Dimmer Curve     |  |



# ZENIT® W300 SMD

COMPACT IP65 SMD LED

WASH LIGHT & STROBE · DMX CONTROL TABLE



|           |                                 |  |           |   |         |
|-----------|---------------------------------|--|-----------|---|---------|
| 39        | 63                              | Device Settings<br>(please read remark 1*) | 000 - 057 | No function                                     | Control |
|           |                                 |  | 058 - 059 | Pixel Mirroring Off (hold 3s)                   |         |
|           |                                 |  | 060 - 061 | Pixel Mirroring Vertical (hold 3s)              |         |
|           |                                 |  | 062 - 063 | Pixel Mirroring Horizontal (hold 3s)            |         |
|           |                                 |  | 064 - 065 | Pixel Mirroring Vertical + Horizontal (hold 3s) |         |
|           |                                 |  | 066 - 077 | No function                                     |         |
|           |                                 |  | 078 - 079 | Dimmer Response LED (hold 1,5s)                 |         |
|           |                                 |  | 080 - 081 | Dimmer Response Halogen (hold 1,5s)             |         |
|           |                                 |  | 082 - 085 | No function                                     |         |
|           |                                 |  | 086 - 087 | Power Mode - Normal (hold 3s)                   |         |
|           |                                 |  | 088 - 089 | No function                                     |         |
|           |                                 |  | 090 - 091 | Power Mode - Boost (hold 3s)                    |         |
|           |                                 |  | 092 - 097 | No function                                     |         |
|           |                                 |  | 098 - 099 | Silent Fan (hold 3s)                            |         |
|           |                                 |  | 100 - 100 | Auto Fan (hold 3s)                              |         |
|           |                                 |  | 101 - 101 | Fan Off (hold 1,5s)                             |         |
|           |                                 |  | 102 - 119 | No function                                     |         |
|           |                                 |  | 120 - 121 | LED Frequency 800Hz (hold 3s)                   |         |
|           |                                 |  | 122 - 123 | LED Frequency 1200Hz (hold 3s)                  |         |
|           |                                 |  | 124 - 125 | LED Frequency 2000Hz (hold 3s)                  |         |
| 126 - 127 | LED Frequency 3600Hz (hold 3s)  |  |           |   |         |
| 128 - 129 | LED Frequency 12000Hz (hold 3s) |  |           |   |         |
| 130 - 131 | LED Frequency 2500Hz (hold 3s)  |  |           |   |         |

# ZENIT® W300 SMD

COMPACT IP65 SMD LED

WASH LIGHT & STROBE · DMX CONTROL TABLE



|           |             |  |           |                            |         |
|-----------|-------------|--|-----------|----------------------------|---------|
| 39        | 63          | Device Settings<br>(please read remark 1*) | 132 - 133 | RAW (hold 3s)              | Control |
|           |             |  | 134 - 135 | Calibrated (hold 3s)       |         |
|           |             |  | 136 - 137 | User Calibrated (hold 3s)  |         |
|           |             |  | 138 - 139 | Smart Calibrated (hold 3s) |         |
|           |             |  | 140 - 141 | Display on (hold 3s)       |         |
|           |             |  | 142 - 143 | Display off (hold 3s)      |         |
| 144 - 255 | No function |  |           |                            |         |

**EN:** (1\*) After the adjustments have been made, set the value to 000 to avoid disturbance by endless function call.

**DE:** (1\*) Nachdem die Einstellungen vorgenommen wurden, stellen Sie den Wert auf 000 ein, um Störungen durch endlosen Funktionsaufruf zu vermeiden.

**FR:** (1\*) Une fois les ajustements effectués, réglez la valeur sur 000 pour éviter les perturbations par appel de fonction sans fin.

**ES:** (1\*) Después de realizar los ajustes, establezca el valor en 000 para evitar perturbaciones mediante una llamada de función sin fin.

**PL:** (1\*) Po dokonaniu ustawień ustaw wartość na 000, aby uniknąć zakłóceń przez niekończące się wywołanie funkcji.

**IT:** (1\*) Dopo aver effettuato le regolazioni, impostare il valore su 000 per evitare disturbi causati da una chiamata a funzione infinita.