

# ZENIT® W600 SMD

OUTDOOR SMD LED WASH LIGHT  
AND STROBE - RGBW VERSION  
DMX CONTROL TABLE



| 2 CH<br>CCT<br>Factory-<br>Calibrated | Function | Values |               |     |                        |
|---------------------------------------|----------|--------|---------------|-----|------------------------|
| 1                                     | Dimmer   | 000    | -             | 255 | 0% to 100%             |
| 2                                     | CCT      | 000    | -             | 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% |

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| 3 CH<br>Color<br>Presets | Function                       | Values |  |     |   |
|--------------------------|--------------------------------|--------|--|-----|---|
| 1                        | Dimmer                         | 000    | -  | 255 | 0% to 100%  |
| 2                        | Multi-<br>functional<br>Strobe | 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                        | Color<br>Presets               | 000    | -  | 005 | Color 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 | Color Jumping Stop                                      |
| 128                      | -                              | 191    | Color Jumping Speed slow -> fast / Color 1 -> 12 |     |   |
| 192                      | -                              | 255    | Color Fading Speed slow -> fast / Color 1 -> 12  |     |   |

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DMX CONTROL TABLE



| 10 CH<br>Full Area-<br>Access<br>8 Bit | 15 CH<br>Full Area-<br>Access<br>16 Bit | Function                  | Values |   |     | Sub<br>Group   |        |
|--|---|---------------------------|--------|---|-----|--|--------|
| 1                                      | 1                                       | Dimmer                    | 000    | - | 255 | 0% to 100%   | Dimmer |
|  | 2                                       | Dimmer fine               | 000    | - | 255 | 0% to 100%   |        |
| 2                                      | 3                                       | Multifunctional<br>Strobe | 000    | - | 005 | Strobe open  | Strobe |
|  |   |                           | 006    | - | 010 | Strobe closed  |        |
|  |   |                           | 011    | - | 033 | Pulse Random,<br>slow -> fast                                    |        |
|  |   |                           | 034    | - | 056 | Ramp up Random,<br>slow -> fast                                  |        |
|  |   |                           | 057    | - | 079 | Ramp down Ran-<br>dom, slow -> fast                              |        |
|  |   |                           | 080    | - | 102 | Random Strobe<br>Effect, slow -> fast                            |        |
|  |   |                           | 103    | - | 127 | Strobe Break<br>Effekt, 5s.....1s<br>(short burst with<br>break) |        |
|  |   |                           | 128    | - | 250 | Strobe slow -><br>fast <1Hz - 20Hz                               |        |
|  |   |                           | 251    | - | 255 | Strobe open  |        |
| 3                                      | 4                                       | Red                       | 000    | - | 255 | 0% to 100%   | Red    |
|  | 5                                       | Red fine                  | 000    | - | 255 | 0% to 100%   |        |
| 4                                      | 6                                       | Green                     | 000    | - | 255 | 0% to 100%   | Green  |
|  | 7                                       | Green fine                | 000    | - | 255 | 0% to 100%   |        |
| 5                                      | 8                                       | Blue                      | 000    | - | 255 | 0% to 100%   | Blue   |
|  | 9                                       | Blue fine                 | 000    | - | 255 | 0% to 100%   |        |
| 6                                      | 10                                      | White                     | 000    | - | 255 | 0% to 100%   | White  |
|  | 11                                      | White fine                | 000    | - | 255 | 0% to 100%   |        |

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|     |    |                                     |   |   |     |  |                  |
|-----|----|-------------------------------------|---|---|-----|--|------------------|
| 7   | 12 | Color Presets<br>(override<br>RGBW) | 000   | - | 005 | Color off  | Color<br>Presets |
|     |    |                                     | 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 | Color Jumping<br>Stop                                  |                  |
|     |    |                                     | 128   | - | 191 | Color Jumping<br>Speed slow -> fast<br>/ Color 1 -> 12 |                  |
| 192 | -  | 255                                 | Color Fading<br>Speed slow -> fast<br>/ Color 1 -> 12 |   |     |  |                  |

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|   |    |   |     |   |     |                               |                           |
|---|----|---|-----|---|-----|-------------------------------|---------------------------|
| 8 | 13 | Color Temperature<br>(works only if<br>RGBW are set<br>to 100%) | 000 | - | 005 | Off                           | Color<br>Tempera-<br>ture |
|   |    |   | 006 | - | 006 | Warm white                    |                           |
|   |    |   | 007 | - | 046 | Warm white -><br>2700K        |                           |
|   |    |   | 047 | - | 047 | Bulb White (2700K)            |                           |
|   |    |   | 048 | - | 087 | 2700K -> 3200K                |                           |
|   |    |   | 088 | - | 088 | Halogen White<br>(3200K)      |                           |
|   |    |   | 089 | - | 128 | 3200K -> 4000K                |                           |
|   |    |   | 129 | - | 129 | Neutral White<br>(4000K)      |                           |
|   |    |   | 130 | - | 169 | 4000K -> 5600K                |                           |
|   |    |   | 170 | - | 170 | Studio-White<br>(5600K)       |                           |
|   |    |   | 171 | - | 210 | 5600K -> 6500K                |                           |
|   |    |   | 211 | - | 211 | Daylight White<br>(6500K)     |                           |
|   |    |   | 212 | - | 251 | 6500K -> cold<br>Daylight     |                           |
|   |    |   | 252 | - | 255 | Cold Daylight                 |                           |
| 9 | 14 | Dimmer Curve  | 000 |   | 005 | no function                   | Dimmer<br>Curve           |
|   |    |   | 006 | - | 063 | Linear Dimmer<br>Curve        |                           |
|   |    |   | 064 | - | 127 | Exponential Dim-<br>mer Curve |                           |
|   |    |   | 128 | - | 191 | Logarithmic Dim-<br>mer Curve |                           |
|   |    |   | 192 | - | 255 | S-Curve Dimmer<br>Curve       |                           |

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|    |    |   |     |   |     |   |         |
|----|----|---|-----|---|-----|---|---------|
| 10 | 15 | Device Settings<br>(please read<br>remark 1*) | 000 | - | 057 | no function   | Control |
|    |    |   | 058 | - | 059 | Pixel Mirroring Off<br>(hold 3s)                      |         |
|    |    |   | 060 | - | 061 | Pixel Mirroring Verti-<br>cal (hold 3s)               |         |
|    |    |   | 062 | - | 063 | Pixel Mirroring Hori-<br>zontal (hold 3s)             |         |
|    |    |   | 064 | - | 065 | Pixel Mirroring<br>Vertical + Horizontal<br>(hold 3s) |         |
|    |    |   | 066 | - | 077 | no function   |         |
|    |    |   | 078 | - | 079 | Dimmer Response<br>LED (hold 1,5s)                    |         |
|    |    |   | 080 | - | 081 | Dimmer Response<br>Halogen (hold 1,5s)                |         |
|    |    |   | 082 | - | 085 | No function   |         |
|    |    |   | 086 | - | 087 | Power Mode -<br>Normal                                |         |
|    |    |   | 088 | - | 089 | No function   |         |
|    |    |   | 090 | - | 091 | Power Mode - Boost                                    |         |
|    |    |   | 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<br>800Hz (hold 3s)                      |         |
|    |    |   | 122 | - | 123 | LED Frequency<br>1200Hz (hold 3s)                     |         |
|    |    |   | 124 | - | 125 | LED Frequency<br>2000Hz (hold 3s)                     |         |
|    |    |   | 126 | - | 127 | LED Frequency<br>3600Hz (hold 3s)                     |         |
|    |    |   | 128 | - | 129 | LED Frequency<br>12kHz (hold 3s)                      |         |
|    |    |   | 130 | - | 131 | LED Frequency<br>25kHz (hold 3s)                      |         |
|    |    |   | 132 | - | 133 | RAW (hold 3s)   |         |
|    |    |   | 134 | - | 135 | Factory Calibration<br>(hold 3s)                      |         |
|    |    |   | 136 | - | 137 | User Calibration (hold<br>3s)                         |         |
|    |    |   | 138 | - | 139 | Smart Calibration<br>(hold 3s)                        |         |
|    |    |   | 140 | - | 141 | Display on (hold 3s)                                  |         |
|    |    |   | 142 | - | 143 | Display off (hold 3s)                                 |         |
|    |    |   | 144 | - | 255 | No function   |         |

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| 36 CH<br>RGB Pixel-<br>control<br>calibrated | 42 CH RGB<br>Pixelcontrol<br>calibrated<br>& Master-<br>dim | Function                  | Values |          |     | Sub<br>Group  |        |
|--|---|---------------------------|--------|----------|-----|---|--------|
|  | 1   | Dimmer                    | 000    | -        | 255 | 0% to 100%  | Dimmer |
|  | 2   | Dimmer fine               | 000    | -        | 255 | 0% to 100%  |        |
|  | 3   | Multifunctional<br>Strobe | 000    | -        | 005 | Strobe open   | Strobe |
|  |   |                           | 006    | -        | 010 | Strobe closed   |        |
|  |   |                           | 011    | -        | 033 | Pulse Random, slow<br>-> fast                                 |        |
|  |   |                           | 034    | -        | 056 | Ramp up Random,<br>slow -> fast                               |        |
|  |   |                           | 057    | -        | 079 | Ramp down Ran-<br>dom, slow -> fast                           |        |
|  |   |                           | 080    | -        | 102 | Random Strobe<br>Effect, slow -> fast                         |        |
|  |   |                           | 103    | -        | 127 | Strobe Break Effekt,<br>5s.....1s (short<br>burst with break) |        |
|  |   |                           | 128    | -        | 250 | Strobe slow -> fast<br><1Hz - 20Hz                            |        |
|  |   |                           | 251    | -        | 255 | Strobe open   |        |
|  |   |                           | 4      | Duration | 000 | -   |        |

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|       |       |            |       |   |       |                                      |                      |
|-------|-------|------------|-------|---|-------|--------------------------------------|----------------------|
| 1     | 5     | Pixel 1 R  | 000   | - | 255   | 0% to 100%                           | Single Pixel Control |
| 2     | 6     | Pixel 1 G  | 000   | - | 255   | 0% to 100%                           |                      |
| 3     | 7     | Pixel 1 B  | 000   | - | 255   | 0% to 100%                           |                      |
| -     | -     | Pixel 1 W  | 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%                           |                      |
| -     | -     | Pixel 2 W  | 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%                           |                      |
| -     | -     | Pixel 3 W  | 000   | - | 255   | 0% to 100%                           |                      |
| ..... | ..... | .....      | ..... | - | ..... | ..... In same order<br>Pixel 4 to 11 |                      |
| 34    | 38    | Pixel 12 R | 000   | - | 255   | 0% to 100%                           |                      |
| 35    | 39    | Pixel 12 G | 000   | - | 255   | 0% to 100%                           |                      |
| 36    | 40    | Pixel 12 B | 000   | - | 255   | 0% to 100%                           |                      |
| -     | -     | Pixel 12 W | 000   | - | 255   | 0% to 100%                           |                      |



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|    |   |     |     |   |              |
|----|---|-----|-----|---|--------------|
| 41 | Dimmer Curve                                  | 000 | 005 | no function                                     | Dimmer Curve |
|    |   | 006 | 063 | Linear Dimmer Curve                             |              |
|    |   | 064 | 127 | Exponential Dimmer Curve                        |              |
|    |   | 128 | 191 | Logarithmic Dimmer Curve                        |              |
|    |   | 192 | 255 | S-Curve Dimmer Curve                            |              |
| 42 | Device Settings<br>(please read<br>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                             |              |
|    |   | 088 | 089 | No function                                     |              |
|    |   | 090 | 091 | Power Mode - Boost                              |              |
|    |   | 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 12kHz (hold 3s)                   |              |
|    |   | 130 | 131 | LED Frequency 25kHz (hold 3s)                   |              |
|    |   | 132 | 133 | RAW (hold 3s)                                   |              |
|    |   | 134 | 135 | No function                                     |              |
|    |   | 136 | 137 | User Calibration (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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DMX CONTROL TABLE



| 39 CH<br>Full Area<br>Pattern<br>16 Bit | 87 CH<br>Full<br>Access<br>Pixel-<br>control<br>& Pattern | Function                       | Values |     |             | Sub<br>Group   |        |
|---|---|--------------------------------|--------|-----|-------------|--|--------|
| 1                                       | 1   | Dimmer                         | 000    | -   | 255         | 0% to 100%   | Dimmer |
| 2                                       | 2   | Dimmer<br>fine                 | 000    | -   | 255         | 0% to 100%   |        |
| 3                                       | 3   | Multi-<br>functional<br>Strobe | 000    | -   | 005         | Strobe open  | 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                             |        |
|   |   |                                | 080    | -   | 102         | Random Strobe Effect, slow -> fast                         |        |
|   |   |                                | 103    | -   | 127         | Strobe Break Effekt,<br>5s.....1s (short burst with break) |        |
|   |   |                                | 128    | -   | 250         | Strobe slow -> fast <1Hz -> 20Hz                           |        |
|   |   | 251                            | -      | 255 | Strobe open |  |        |
| 4                                       | 4   | Duration                       | 000    | -   | 255         | Flash duration (short -> long)                             |        |
| 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%   |        |

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|     |       |                                       |  |   |       |                                   |                      |
|-----|-------|---------------------------------------|--|---|-------|-----------------------------------|----------------------|
|     | 13    | Pixel 1 R                             | 000  | - | 255   | 0% to 100%                        | Single Pixel Control |
|     | 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 11 |                      |
|     | 57    | Pixel 12 R                            | 000  | - | 255   | 0% to 100%                        |                      |
|     | 58    | Pixel 12 G                            | 000  | - | 255   | 0% to 100%                        |                      |
|     | 59    | Pixel 12 B                            | 000  | - | 255   | 0% to 100%                        |                      |
|     | 60    | Pixel 12 W                            | 000  | - | 255   | 0% to 100%                        |                      |
| 13  | 61    | Color Presets (override RGBW + Pixel) | 000  | - | 005   | Color off                         | Color Pre-sets       |
|     |       |                                       | 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                                   | Color Jumping Stop                               |   |       |                                   |                      |
| 128 | -     | 191                                   | Color Jumping Speed slow -> fast / Color 1 -> 12 |   |       |                                   |                      |
| 192 | -     | 255                                   | Color Fading Speed slow -> fast / Color 1 -> 12  |   |       |                                   |                      |

# ZENIT® W600 SMD

OUTDOOR SMD LED WASH LIGHT  
AND STROBE - RGBW VERSION  
DMX CONTROL TABLE



|     |    |  |               |   |     |   |                        |
|-----|----|--|---------------|---|-----|---|------------------------|
| 14  | 62 | Color Temperature<br>(works only correct if RGB + W are set to 100%) | 000           | - | 005 | Off   | Color 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                                    |                        |
|     |    |  | 211           | - | 211 | Daylight White (6500K)                            |                        |
|     |    |  | 212           | - | 251 | 6500K -> Cold Daylight                            |                        |
| 252 | -  | 255  | Cold Daylight |   |     |   |                        |
| 15  | 63 | Tint<br>(affects Color Temperature)                                  | 000           | - | 005 | Off   | Tint                   |
|     |    |  | 006           | - | 127 | Magenta -> Neutral                                |                        |
|     |    |  | 128           | - | 128 | neutral   |                        |
|     |    |  | 129           | - | 255 | Neutral -> Green                                  |                        |
| 16  | 64 | Color Preset Crossfade   | 000           | - | 005 | 0s  | Color Preset 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  | 65 | Pattern  | 000           | - | 005 | Pattern off                                       | Pattern                |
|     |    |  | 006           | - | 255 | See Tab Pattern (006-098 dynamic/ 128-234 static) |                        |
| 18  | 66 | Speed dynamic Pattern  | 000           | - | 005 | Effect Pattern Speed Stop                         | Pattern                |
|     |    |  | 006           | - | 126 | Effect Pattern Speed, fast -> slow, forward       |                        |
|     |    |  | 127           | - | 127 | Stop  |                        |
|     |    |  | 128           | - | 255 | Effect Pattern Speed, slow -> fast, back          |                        |
| 19  | 67 | Step or Fade dynamic Pattern   | 000           | - | 005 | off   | Pattern                |
|     |    |  | 006           | - | 255 | Fade Effect Pattern little -> much                |                        |
| 20  | 68 | Pattern Transition Crossfade   | 000           | - | 005 | 0s  | 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  | 69 | Stop dynamic Pattern   | 000           | - | 005 | Stop dynamic Pattern off                          | Pattern                |
|     |    |  | 006           | - | 255 | Stop dynamic Pattern after x Steps are done       |                        |

**ZENIT® W600 SMD**  
 OUTDOOR SMD LED WASH LIGHT  
 AND STROBE - RGBW VERSION  
 DMX CONTROL TABLE



|    |    |                                    |     |   |     |   |  |
|----|----|------------------------------------|-----|---|-----|---|--|
| 22 | 70 | Background Dimmer                  | 000 | - | 255 | 0-100%  | Background (all background functions are enabled with enabled pattern) |
| 23 | 71 | Background Dimmer fine             | 000 | - | 255 | 0-100%  |  |
| 24 | 72 | Background Multi-functional Strobe | 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 Effect, 5s.....1s (short burst with break) |  |
|    |    |                                    | 128 | - | 250 | Strobe slow -> fast <1Hz -> 20Hz                        |  |
|    |    |                                    | 251 | - | 255 | Strobe open   |  |
| 25 | 73 | Duration                           | 000 | - | 255 | Flash duration (short -> long)                          |  |
| 26 | 74 | Background Red                     | 000 | - | 255 | 0% to 100%  |  |
| 27 | 75 | Background Red fine                | 000 | - | 255 | 0% to 100%  |  |
| 28 | 76 | Background Green                   | 000 | - | 255 | 0% to 100%  |  |
| 29 | 77 | Background Green fine              | 000 | - | 255 | 0% to 100%  |  |

# ZENIT® W600 SMD

OUTDOOR SMD LED WASH LIGHT  
AND STROBE - RGBW VERSION  
DMX CONTROL TABLE



|     |    |  |  |   |     |                        |  |
|-----|----|--|--|---|-----|------------------------|--|
| 30  | 78 | Background Blue  | 000  | - | 255 | 0% to 100%             | Background (all background functions are enabled with enabled pattern) |
| 31  | 79 | Background Blue fine   | 000  | - | 255 | 0% to 100%             |  |
| 32  | 80 | Background White   | 000  | - | 255 | 0% to 100%             |  |
| 33  | 81 | Background White fine  | 000  | - | 255 | 0% to 100%             |  |
| 34  | 82 | Background Color Presets (override Background RGBW)                          | 000  | - | 005 | Color 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  | Color Jumping Stop                               |   |     |                        |  |
| 128 | -  | 191  | Color Jumping Speed slow -> fast / Color 1 -> 12 |   |     |                        |  |
| 192 | -  | 255  | Color Fading Speed slow -> fast / Color 1 -> 12  |   |     |                        |  |
| 35  | 83 | Background Color Temperature (works only correct if RGB + W are set to 100%) | 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          |  |

**ZENIT® W600 SMD**  
 OUTDOOR SMD LED WASH LIGHT  
 AND STROBE - RGBW VERSION  
 DMX CONTROL TABLE



|    |           |   |           |                          |  |                 |
|----|-----------|---|-----------|--------------------------|--|-----------------|
| 36 | 84        | Background<br>CCT Tint<br>(affects<br>Color Tem-<br>perature) | 000 - 005 | Off                      | Backgro-<br>und<br>(all bac-<br>kground<br>functions<br>are enabled<br>with<br>enabled<br>pattern) |                 |
|    |           |   | 006 - 127 | Magenta -> Neutral       |  |                 |
|    |           |   | 128 - 128 | Neutral                  |  |                 |
|    |           |   | 129 - 255 | Neutral -> Green         |  |                 |
| 37 | 85        | Background<br>Color Macro<br>Crossfade                        | 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 | 86        | Dimmer<br>Curve   | 000       | 005                      | No function  | Dimmer<br>Curve |
|    |           |   | 006 - 063 | Linear Dimmer Curve      |  |                 |
|    |           |   | 064 - 127 | Exponential Dimmer Curve |  |                 |
|    |           |   | 128 - 191 | Logarithmic Dimmer Curve |  |                 |
|    |           |   | 192 - 255 | S-Curve Dimmer Curve     |  |                 |

**ZENIT® W600 SMD**  
 OUTDOOR SMD LED WASH LIGHT  
 AND STROBE - RGBW VERSION  
 DMX CONTROL TABLE



|    |    |  |     |   |     |   |         |
|----|----|--|-----|---|-----|---|---------|
| 39 | 87 | Device<br>Settings<br>(please read<br>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                             |         |
|    |    |  | 088 | - | 089 | No function                                     |         |
|    |    |  | 090 | - | 091 | Power Mode - Boost                              |         |
|    |    |  | 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 12kHz (hold 3s)                   |         |
|    |    |  | 130 | - | 131 | LED Frequency 25kHz (hold 3s)                   |         |
|    |    |  | 132 | - | 133 | RAW (hold 3s)                                   |         |
|    |    |  | 134 | - | 135 | Factory Calibration (hold 3s)                   |         |
|    |    |  | 136 | - | 137 | User Calibration (hold 3s)                      |         |
|    |    |  | 138 | - | 139 | Smart Calibration (hold 3s)                     |         |
|    |    |  | 140 | - | 141 | Display on (hold 3s)                            |         |
|    |    |  | 142 | - | 143 | Display off (hold 3s)                           |         |
|    |    |  | 144 | - | 255 | No function                                     |         |



**ZENIT® W600 SMD**  
 OUTDOOR SMD LED WASH LIGHT  
 AND STROBE - RGBW VERSION  
 DMX CONTROL TABLE



| 48 CH<br>RGBW<br>Pixelcontrol<br>User-Calibrated | 54 CH<br>RGBW<br>Pixelcontrol<br>User-Calibrated<br>& Masterdim | Function                       | Values |             |     |   | Sub<br>Group |
|--|---|--------------------------------|--------|-------------|-----|---|--------------|
|  | 1   | Dimmer                         | 000    | -           | 255 | 0% to 100%  | Dimmer       |
|  | 2   | Dimmer<br>fine                 | 000    | -           | 255 | 0% to 100%  |              |
|  | 3   | Multi-<br>functional<br>Strobe | 000    | -           | 005 | Strobe open   | Strobe       |
|  |   |                                | 006    | -           | 010 | Strobe closed   |              |
|  |   |                                | 011    | -           | 033 | Pulse Random, slow<br>-> fast                                 |              |
|  |   |                                | 034    | -           | 056 | Ramp up Random,<br>slow -> fast                               |              |
|  |   |                                | 057    | -           | 079 | Ramp down Ran-<br>dom, slow -> fast                           |              |
|  |   |                                | 080    | -           | 102 | Random Strobe<br>Effect, slow -> fast                         |              |
|  |   |                                | 103    | -           | 127 | Strobe Break Effekt,<br>5s.....1s (short<br>burst with break) |              |
|  |   |                                | 128    | -           | 250 | Strobe slow -> fast<br><1Hz - 20Hz                            |              |
|  | 251   | -                              | 255    | Strobe open |     |   |              |
|  | 4   | Duration                       | 000    | -           | 255 | Flash duration (short<br>-> long)                             |              |

**ZENIT® W600 SMD**  
 OUTDOOR SMD LED WASH LIGHT  
 AND STROBE - RGBW VERSION  
 DMX CONTROL TABLE



|       |       |            |       |   |       |                                      |                      |
|-------|-------|------------|-------|---|-------|--------------------------------------|----------------------|
| 1     | 5     | Pixel 1 R  | 000   | - | 255   | 0% to 100%                           | Single Pixel Control |
| 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%                           |                      |
| 11    | 15    | Pixel 3 B  | 000   | - | 255   | 0% to 100%                           |                      |
| 12    | 16    | Pixel 3 W  | 000   | - | 255   | 0% to 100%                           |                      |
| ..... | ..... | .....      | ..... | - | ..... | ..... In same order<br>Pixel 4 to 11 |                      |
| 45    | 49    | Pixel 12 R | 000   | - | 255   | 0% to 100%                           |                      |
| 46    | 50    | Pixel 12 G | 000   | - | 255   | 0% to 100%                           |                      |
| 47    | 51    | Pixel 12 B | 000   | - | 255   | 0% to 100%                           |                      |
| 48    | 52    | Pixel 12 W | 000   | - | 255   | 0% to 100%                           |                      |

**ZENIT® W600 SMD**  
 OUTDOOR SMD LED WASH LIGHT  
 AND STROBE - RGBW VERSION  
 DMX CONTROL TABLE



|    |  |     |   |     |   |              |
|----|--|-----|---|-----|---|--------------|
| 53 | Dimmer Curve                               | 000 |   | 005 | no function                                     | Dimmer Curve |
|    |  | 006 | - | 063 | Linear Dimmer Curve                             |              |
|    |  | 064 | - | 127 | Exponential Dimmer Curve                        |              |
|    |  | 128 | - | 191 | Logarithmic Dimmer Curve                        |              |
|    |  | 192 | - | 255 | S-Curve Dimmer Curve                            |              |
| 54 | 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                             |              |
|    |  | 088 | - | 089 | No function                                     |              |
|    |  | 090 | - | 091 | Power Mode - Boost                              |              |
|    |  | 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 12kHz (hold 3s)                   |              |
|    |  | 130 | - | 131 | LED Frequency 25kHz (hold 3s)                   |              |
|    |  | 132 | - | 133 | RAW (hold 3s)                                   |              |
|    |  | 134 | - | 135 | No function                                     |              |
|    |  | 136 | - | 137 | User Calibration (hold 3s)                      |              |
|    |  | 138 | - | 139 | No function                                     |              |
|    |  | 140 | - | 141 | Display on (hold 3s)                            |              |
|    |  | 142 | - | 143 | Display off (hold 3s)                           |              |
|    |  | 144 | - | 255 | No function                                     |              |

# ZENIT® W600 SMD

OUTDOOR SMD LED WASH LIGHT  
AND STROBE - RGBW VERSION  
DMX CONTROL TABLE



**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 endless 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.

## PIXEL SEGMENTS / PIXEL SEGMENTE

12 Pixel Segments

|   |   |   |    |    |    |
|---|---|---|----|----|----|
| 1 | 2 | 3 | 4  | 5  | 6  |
| 7 | 8 | 9 | 10 | 11 | 12 |