

NANLITE

PavoSlim 60C/120C DMX REFERENCE GUIDE

This DMX reference guide has been compiled according to the rigorous testing of Nanlite product. Product designs are subject to change without prior notice. The latest version of the DMX reference guide for this product is downloadable at www.nanlite.com.

CCT & RGBW 8bit

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|--|--|--|-------|
| 1 | 0-255 | 0-100 | DIMMER 0% to 100% | |
| 2 | 0-255 | 0-100 | CCT (2700K-7500K) | |
| 3 | 0-10 11-20 21-119 120-145 146-244 245-255 | 0-4 5-8 9-47 48-57 58-96 97-100 | GREEN/MAGENTA Neutral/No Effect -150 Green -149 to -1 Green Neutral/No Effect +1 to +149 Green +150 Green | |
| 4 | 0-255 | 0-100 | CROSSFADE CCT to RGBW | |
| 5 | 0-255 | 0-100 | Red Intensity | |
| 6 | 0-255 | 0-100 | Green Intensity | |
| 7 | 0-255 | 0-100 | Blue Intensity | |
| 8 | 0-255 | 0-100 | White Intensity | |

When "DMX Reduced Channels" is ON, the following channels are reduced in all DMX modes except ULTIMATE DMX MODE.

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------------------------------|---|--|-------|
| 9 | 0 - 3 4 5 6 7-255 | 0 - 1.2 1.6 2.0 2.4 2.7 - 100 | STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz) | |
| 10-11 | | | RESERVED | |

CCT & RGBW 16bit

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|--|--|--|-------|
| 1-2 | 0-65535 | 0-100 | DIMMER 0% to 100% | |
| 3-4 | 0-65535 | 0-100 | CCT (2700K-7500K) | |
| 5-6 | 0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535 | 0-4 5-8 9-47 48-57 58-96 97-100 | GREEN/MAGENTA Neutral/No Effect -150 Green -149 to -1 Green Neutral/No Effect +1 to +149 Green +150 Green | |
| 7 | 0-255 | 0-100 | CROSSFADE CCT to RGBW | |
| 8-9 | 0-65535 | 0-100 | Red Intensity | |
| 10-11 | 0-65535 | 0-100 | Green Intensity | |
| 12-13 | 0-65535 | 0-100 | Blue Intensity | |
| 14-15 | 0-65535 | 0-100 | White Intensity | |

When "DMX Reduced Channels" is ON, the following channels are reduced in all DMX modes except ULTIMATE DMX MODE.

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------------------------------|---|--|-------|
| 16 | 0 - 3 4 5 6 7-255 | 0 - 1.2 1.6 2.0 2.4 2.7 - 100 | STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz) | |
| 17-20 | | | RESERVED | |

CCT & HSI 8bit

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|--|--|--|-------|
| 1 | 0-255 | 0-100 | DIMMER 0% to 100% | |
| 2 | 0-255 | 0-100 | CCT (2700K-7500K) | |
| 3 | 0-10 11-20 21-119 120-145 146-244 245-255 | 0-4 5-8 9-47 48-57 58-96 97-100 | GREEN/MAGENTA Neutral/No Effect -150 Green -149 to -1 Green Neutral/No Effect +1 to +149 Green +150 Green | |
| 4 | 0-255 | 0-100 | CROSSFADE CCT to HSI | |
| 5 | 0-255 | 0-100 | HUE 0 to 359 Degrees | |
| 6 | 0-255 | 0-100 | SAT 0 to Full Saturation | |

When "DMX Reduced Channels" is ON, the following channels are reduced in all DMX modes except ULTIMATE DMX MODE.

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------|-----------|--|-------|
| 7 | 0 - 3 | 0 - 1.2 | STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz) | |
| | 4 | 1.6 | | |
| | 5 | 2.0 | | |
| | 6 | 2.4 | | |
| | 7-255 | 2.7 - 100 | | |
| 8-9 | | | RESERVED | |

CCT & HSI 16bit

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------------|--------|--|-------|
| 1-2 | 0-65535 | 0-100 | DIMMER 0% to 100% | |
| 3-4 | 0-65535 | 0-100 | CCT (2700K-7500K) | |
| 5-6 | 0-5000 | 0-4 | GREEN/MAGENTA Neutral/No Effect -150 Green -149 to -1 Green Neutral/No Effect +1 to +149 Green +150 Green | |
| | 5001-10000 | 5-8 | | |
| | 10001-29999 | 9-47 | | |
| | 30000-40000 | 48-57 | | |
| | 40001-59999 | 58-96 | | |
| | 60000-65535 | 97-100 | | |
| 7 | 0-255 | 0-100 | CROSSFADE CCT to HSI | |
| 8-9 | 0-65535 | 0-100 | HUE 0 to 359 Degrees | |
| 10-11 | 0-65535 | 0-100 | SAT 0 to Full Saturation | |

When "DMX Reduced Channels" is ON, the following channels are reduced in all DMX modes except ULTIMATE DMX MODE.

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------|-----------|--|-------|
| 12 | 0 - 3 | 0 - 1.2 | STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz) | |
| | 4 | 1.6 | | |
| | 5 | 2.0 | | |
| | 6 | 2.4 | | |
| | 7-255 | 2.7 - 100 | | |
| 13-16 | | | RESERVED | |

CCT 8bit

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|--|--|--|-------|
| 1 | 0-255 | 0-100 | DIMMER 0% to 100% | |
| 2 | 0-255 | 0-100 | CCT (2700K-7500K) | |
| 3 | 0-10 11-20 21-119 120-145 146-244 245-255 | 0-4 5-8 9-47 48-57 58-96 97-100 | GREEN/MAGENTA Neutral/No Effect -150 Green -149 to -1 Green Neutral/No Effect +1 to +149 Green +150 Green | |

When "DMX Reduced Channels" is ON, the following channels are reduced in all DMX modes except ULTIMATE DMX MODE.

| CHANNEL | VALUE | % | FUNCTION | 0-65535 NOTES |
|---------|-------------------------------|---|--|---------------|
| 4 | 0 - 3 4 5 6 7-255 | 0 - 1.2 1.6 2.0 2.4 2.7 - 100 | STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz) | |
| 5-6 | | | RESERVED | |

CCT 16bit

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|--|--|--|-------|
| 1-2 | 0-65535 | 0-100 | DIMMER 0% to 100% | |
| 3-4 | 0-65535 | 0-100 | CCT (2700K-7500K) | |
| 5-6 | 0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535 | 0-4 5-8 9-47 48-57 58-96 97-100 | GREEN/MAGENTA Neutral/No Effect -150 Green -149 to -1 Green Neutral/No Effect +1 to +149 Green +150 Green | |

When "DMX Reduced Channels" is ON, the following channels are reduced in all DMX modes except ULTIMATE DMX MODE.

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------------------------------|---|--|-------|
| 7 | 0 - 3 4 5 6 7-255 | 0 - 1.2 1.6 2.0 2.4 2.7 - 100 | STROBE OFF Random Fast Random Medium Random Slow Variable Strobe(0.4Hz --> 25Hz) | |
| 8-11 | | | RESERVED | |

HSI 8bit

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------|-------|------------------------------------|-------|
| 1 | 0-255 | 0-100 | DIMMER 0% to 100% | |
| 2 | 0-255 | 0-100 | HUE 0 to 359 Degrees | |
| 3 | 0-255 | 0-100 | SAT 0 to Full Saturation | |

When "DMX Reduced Channels" is ON, the following channels are reduced in all DMX modes except ULTIMATE DMX MODE.

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------|-----------|---------------------------------|-------|
| 4 | 0 - 3 | 0 - 1.2 | STROBE OFF | |
| | 4 | 1.6 | Random Fast | |
| | 5 | 2.0 | Random Medium | |
| | 6 | 2.4 | Random Slow | |
| | 7-255 | 2.7 - 100 | Variable Strobe(0.4Hz --> 25Hz) | |
| 5-6 | | | RESERVED | |

HSI 16bit

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|---------|-------|------------------------------------|-------|
| 1-2 | 0-65535 | 0-100 | DIMMER 0% to 100% | |
| 3-4 | 0-65535 | 0-100 | HUE 0 to 359 Degrees | |
| 5-6 | 0-65535 | 0-100 | SAT 0 to Full Saturation | |

When "DMX Reduced Channels" is ON, the following channels are reduced in all DMX modes except ULTIMATE DMX MODE.

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------|-----------|---------------------------------|-------|
| 7 | 0 - 3 | 0 - 1.2 | STROBE OFF | |
| | 4 | 1.6 | Random Fast | |
| | 5 | 2.0 | Random Medium | |
| | 6 | 2.4 | Random Slow | |
| | 7-255 | 2.7 - 100 | Variable Strobe(0.4Hz --> 25Hz) | |
| 8-11 | | | RESERVED | |

RGBW 8bit

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------|-------|-----------------------------|-------|
| 1 | 0-255 | 0-100 | DIMMER 0% to 100% | |
| 2 | 0-255 | 0-100 | Red Intensity | |
| 3 | 0-255 | 0-100 | Green Intensity | |
| 4 | 0-255 | 0-100 | Blue Intensity | |
| 5 | 0-255 | 0-100 | White Intensity | |

When "DMX Reduced Channels" is ON, the following channels are reduced in all DMX modes except ULTIMATE DMX MODE.

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------|-----------|--|-------|
| 6 | 0 - 3 | 0 - 1.2 | STROBE | |
| | 4 | 1.6 | OFF | |
| | 5 | 2.0 | Random Fast | |
| | 6 | 2.4 | Random Medium | |
| | 7-255 | 2.7 - 100 | Random Slow Variable Strobe(0.4Hz --> 25Hz) | |
| 7-8 | | | RESERVED | |

RGBW 16bit

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|---------|-------|-----------------------------|-------|
| 1-2 | 0-65535 | 0-100 | DIMMER 0% to 100% | |
| 3-4 | 0-65535 | 0-100 | Red Intensity | |
| 5-6 | 0-65535 | 0-100 | Green Intensity | |
| 7-8 | 0-65535 | 0-100 | Blue Intensity | |
| 9-10 | 0-65535 | 0-100 | White Intensity | |

When "DMX Reduced Channels" is ON, the following channels are reduced in all DMX modes except ULTIMATE DMX MODE.

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------|-----------|--|-------|
| 11 | 0 - 3 | 0 - 1.2 | STROBE | |
| | 4 | 1.6 | OFF | |
| | 5 | 2.0 | Random Fast | |
| | 6 | 2.4 | Random Medium | |
| | 7-255 | 2.7 - 100 | Random Slow Variable Strobe(0.4Hz --> 25Hz) | |
| 12-15 | | | RESERVED | |

RGB 8bit

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------|-------|-----------------|-------|
| 1 | 0-255 | 0-100 | Red Intensity | |
| 2 | 0-255 | 0-100 | Green Intensity | |
| 3 | 0-255 | 0-100 | Blue Intensity | |

When "DMX Reduced Channels" is ON, the following channels are reduced in all DMX modes except ULTIMATE DMX MODE.

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------|-----------|--|-------|
| 4 | 0 - 3 | 0 - 1.2 | STROBE | |
| | 4 | 1.6 | OFF | |
| | 5 | 2.0 | Random Fast | |
| | 6 | 2.4 | Random Medium | |
| | 7-255 | 2.7 - 100 | Random Slow Variable Strobe(0.4Hz --> 25Hz) | |
| 5-6 | | | RESERVED | |

RGB 16bit

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|---------|-------|-----------------|-------|
| 1-2 | 0-65535 | 0-100 | Red Intensity | |
| 3-4 | 0-65535 | 0-100 | Green Intensity | |
| 5-6 | 0-65535 | 0-100 | Blue Intensity | |

When "DMX Reduced Channels" is ON, the following channels are reduced in all DMX modes except ULTIMATE DMX MODE.

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|-------|-----------|--|-------|
| 7 | 0 - 3 | 0 - 1.2 | STROBE | |
| | 4 | 1.6 | OFF | |
| | 5 | 2.0 | Random Fast | |
| | 6 | 2.4 | Random Medium | |
| | 7-255 | 2.7 - 100 | Random Slow Variable Strobe(0.4Hz --> 25Hz) | |
| 8-11 | | | RESERVED | |

ULTIMATE DMX 8bit - CCT MODE

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|--|--|--|----------------|
| 1 | 0-255 | 0-100 | DIMMER 0% to 100% | |
| 2 | 0-42 43-84 85-126 127-168 169-210 212-255 | 0-16 17-32 33-48 49-64 65-80 81-100 | MODE CCT HSI RGBW GEL EFFECT RESERVED | 0 ≤ value ≤ 42 |
| 3 | 0-255 | 0-100 | CCT (2700K-7500K) | |
| 4 | 0-10 11-20 21-119 120-145 146-244 245-255 | 0-4 5-8 9-47 48-57 58-96 97-100 | GREEN/MAGENTA Neutral/No Effect -150 Green -149 to -1 Green Neutral/No Effect +1 to +149 Green +150 Green | |
| 5-14 | | | N/A | |

ULTIMATE DMX 8bit - HSI MODE

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|--|--|--|-----------------|
| 1 | 0-255 | 0-100 | DIMMER 0% to 100% | |
| 2 | 0-42 43-84 85-126 127-168 169-210 212-255 | 0-16 17-32 33-48 49-64 65-80 81-100 | MODE CCT HSI RGBW GEL EFFECT RESERVED | 43 ≤ value ≤ 84 |
| 3 | 0-255 | 0-100 | HUE 0 to 359 Degrees | |
| 4 | 0-255 | 0-100 | SAT 0 to Full Saturation | |
| 5-14 | | | N/A | |

ULTIMATE DMX 8bit - RGBW MODE

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|--|--|--|------------------|
| 1 | 0-255 | 0-100 | DIMMER 0% to 100% | |
| 2 | 0-42 43-84 85-126 127-168 169-210 212-255 | 0-16 17-32 33-48 49-64 65-80 81-100 | MODE CCT HSI RGBW GEL EFFECT RESERVED | 85 ≤ value ≤ 126 |
| 3 | 0-255 | 0-100 | Red Intensity | |
| 4 | 0-255 | 0-100 | Green Intensity | |
| 5 | 0-255 | 0-100 | Blue Intensity | |
| 6 | 0-255 | 0-100 | White Intensity | |
| 7-14 | | | N/A | |

ULTIMATE DMX 8bit - GEL MODE

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|--|--|--|-------------------|
| 1 | 0-255 | 0-100 | DIMMER 0% to 100% | |
| 2 | 0-42 43-84 85-126 127-168 169-210 212-255 | 0-16 17-32 33-48 49-64 65-80 81-100 | MODE CCT HSI RGBW GEL EFFECT RESERVED | 127 ≤ value ≤ 168 |
| 3 | 0-255 | 0-100 | GEL CCT 3200K 5600K | |
| 4 | 0-255 | 0-100 | GEL NO. See Gel number chart | |
| 5-14 | | | N/A | |

GEL NUMBER CHART

| VALUE | % | GEL NAME |
|-------|----|--------------------|
| 0 | 0 | Clear |
| 1 | 0 | Double CTB |
| 2 | 0 | Full CTB |
| 3 | 1 | 3/4 CTB |
| 4 | 1 | 1/2 CTB |
| 5 | 1 | 1/4 CTB |
| 6 | 2 | 1/8 CTB |
| 7 | 2 | Double CTO |
| 8 | 3 | Full CTO |
| 9 | 3 | 3/4 CTO |
| 10 | 3 | 1/2 CTO |
| 11 | 4 | 1/4 CTO |
| 12 | 4 | 1/8 CTO |
| 13 | 5 | Full CTS |
| 14 | 5 | 1/2 CTS |
| 15 | 5 | 1/4 CTS |
| 16 | 6 | 1/8 CTS |
| 17 | 6 | Plus Green |
| 18 | 7 | 1/2 Plus Green |
| 19 | 7 | 1/4 Plus Green |
| 20 | 7 | 1/8 Plus Green |
| 21 | 8 | Minus Green |
| 22 | 8 | 1/2 Minus Green |
| 23 | 9 | 1/4 Minus Green |
| 24 | 9 | 1/8 Minus Green |
| 25 | 9 | L147 Apricot |
| 26 | 10 | L151 Gold Tint |
| 27 | 10 | L004 M.B.Amber |
| 28 | 10 | L162 Bastard Amber |
| 29 | 11 | L152 Pale Gold |
| 30 | 11 | L153 Pale Salmon |
| 31 | 12 | L154 Pale Rose |
| 32 | 12 | L035 Light Pink |

GEL NUMBER CHART

| VALUE | % | GEL NAME |
|-------|----|------------------------|
| 33 | 12 | L036 Medium Pink |
| 34 | 13 | L107 Light Rose |
| 35 | 13 | L108 English Rose |
| 36 | 14 | L109 Light Salmon |
| 37 | 14 | L110 Middle Rose |
| 38 | 14 | L111 Dark Pink |
| 39 | 15 | L157 Pink |
| 40 | 15 | L176 Loving Amber |
| 41 | 16 | L192 Flesh Pink |
| 42 | 16 | L053 Paler Lavender |
| 43 | 16 | L194 Surprise Pink |
| 44 | 17 | L003 Lavender Tint |
| 45 | 17 | L052 Light Lavender |
| 46 | 18 | L345 Fuchsia Pink |
| 47 | 18 | L137 S.Lavender |
| 48 | 18 | L136 Pale Lavender |
| 49 | 19 | L170 Deep Lavender |
| 50 | 19 | L169 Lilac Tint |
| 51 | 20 | L048 Rose Purple |
| 52 | 20 | L049 Medium Purple |
| 53 | 20 | L126 Mauve |
| 54 | 21 | L128 Bright Pink |
| 55 | 21 | L328 Follies Pink |
| 56 | 21 | L002 Rose Pink |
| 57 | 22 | L127 Smokey Pink |
| 58 | 22 | L024 Scarlet |
| 59 | 23 | L332 Special Rose Pink |
| 60 | 23 | L148 Bright Rose |
| 61 | 23 | L046 Dark Magenta |
| 62 | 24 | L113 Magenta |
| 63 | 24 | L026 Bright Red |
| 64 | 25 | L106 Primary Red |
| 65 | 25 | L029 Plasa Red |

GEL NUMBER CHART

| VALUE | % | GEL NAME |
|-------|----|-------------------------|
| 66 | 25 | L027 Medium Red |
| 67 | 26 | L182 Light Red |
| 68 | 26 | L164 Flame |
| 69 | 27 | L019 Fire |
| 70 | 27 | L025 Sunset Red |
| 71 | 27 | L135 Deep Golden Amber |
| 72 | 28 | L021 Gold Amber |
| 73 | 28 | L158 Deep Orange |
| 74 | 29 | L134 Golden Amber |
| 75 | 29 | L017 Surprise Peach |
| 76 | 29 | L643 1/4 Mustard Yellow |
| 77 | 30 | L642 1/2 Mustard Yellow |
| 78 | 30 | L741 Mustard Yellow |
| 79 | 30 | L652 Urban Sodium |
| 80 | 31 | L653 L0 Sodium |
| 81 | 31 | L512 Amber Delight |
| 82 | 32 | L650 Industry Sodium |
| 83 | 32 | L156 Chocolate |
| 84 | 32 | L008 Dark Salmon |
| 85 | 33 | L105 Orange |
| 86 | 33 | L022 Dark Amber |
| 87 | 34 | L179 Chrome Orange |
| 88 | 34 | L020 Medium Amber |
| 89 | 34 | L015 Deep Straw |
| 90 | 35 | L102 Light Amber |
| 91 | 35 | L007 Pale Yellow |
| 92 | 36 | L010 Medium Yellow |
| 93 | 36 | L100 Spring Yellow |
| 94 | 36 | L765 Yellow |
| 95 | 37 | L104 Deep Amber |
| 96 | 37 | L013 Straw Tint |
| 97 | 38 | L103 Straw |
| 98 | 38 | L009 Pale Amber Gold |

GEL NUMBER CHART

| VALUE | % | GEL NAME |
|-------|----|-------------------------|
| 99 | 38 | L159 No Color Straw |
| 100 | 39 | L161 Slate Blue |
| 101 | 39 | L143 Pale Navy Blue |
| 102 | 40 | L061 Mist Blue |
| 103 | 40 | L063 Pale Blue |
| 104 | 40 | L197 Alice Blue |
| 105 | 41 | L196 True Blue |
| 106 | 41 | L075 Evening Blue |
| 107 | 41 | L079 Just Blue |
| 108 | 42 | L119 Dark Blue |
| 109 | 42 | L085 Deeper Blue |
| 110 | 43 | L120 Deep Blue |
| 111 | 43 | L199 Regal Blue |
| 112 | 43 | L195 Zenith Blue |
| 113 | 44 | L198 Palace Blue |
| 114 | 44 | L071 Tokyo Blue |
| 115 | 45 | L181 Congo Blue |
| 116 | 45 | L343 S.M.Lavender |
| 117 | 45 | L180 Dark Lavender |
| 118 | 46 | L058 Lavender |
| 119 | 46 | L142 Pale Violet |
| 120 | 47 | L165 Daylight Blue |
| 121 | 47 | L068 Sky Blue |
| 122 | 47 | L132 Medium Blue |
| 123 | 48 | L183 Moonlight Blue |
| 124 | 48 | L141 Bright Blue |
| 125 | 49 | L144 No Color Blue |
| 126 | 49 | L140 Summer Blue |
| 127 | 49 | L172 Lagoon Blue |
| 128 | 50 | L116 Medium Blue-Green |
| 129 | 50 | L115 Peacock Blue |
| 130 | 50 | L131 Marine Blue |
| 131 | 51 | L354 Special Steel Blue |

GEL NUMBER CHART

| VALUE | % | GEL NAME |
|-------|----|--------------------------|
| 132 | 51 | L117 Steel Blue |
| 133 | 52 | L174 Dark Steel Blue |
| 134 | 52 | L366 Cornflower |
| 135 | 52 | L118 Light Blue |
| 136 | 53 | L352 Glacier Blue |
| 137 | 53 | L353 Lighter Blue |
| 138 | 54 | L363 Special Medium Blue |
| 139 | 54 | L322 Soft Green |
| 140 | 54 | L323 Jade |
| 141 | 55 | L121 Green |
| 142 | 55 | L122 Fern Green |

GEL NUMBER CHART

| VALUE | % | GEL NAME |
|-----------|--------|------------------------|
| 143 | 56 | L124 Dark Green |
| 144 | 56 | L139 Primary Green |
| 145 | 56 | L327 Forest Green |
| 146 | 57 | L138 Pale Green |
| 147 | 57 | L219 Fluorescent Green |
| 148 | 58 | L090 Dark Yellow Green |
| 149 | 58 | L089 Moss Green |
| 150 | 58 | L088 Lime Green |
| 151 | 59 | L213 White Flame Green |
| 152 - 255 | 59-100 | RESERVED |

ULTIMATE DMX 8bit - EFFECT MODE

| CHANNEL | VALUE | % | FUNCTION | NOTES |
|---------|--|--|--|-----------------------|
| 1 | 0-255 | 0-100 | DIMMER 0% to 100% | |
| 2 | 0-42 43-84 85-126 127-168 169-210 212-255 | 0-16 17-32 33-48 49-64 65-80 81-100 | MODE CCT HSI RGBW GEL EFFECT RESERVED | 169 ≤ value ≤ 210 |
| 3 | 0-12 13-25 26-38 39-51 52-63 64-76 77-89 90-102 103-114 115-127 128-140 141-153 154-165 166-178 179-191 192-255 | 0-5 6-10 11-15 16-20 21-25 26-30 31-35 36-40 41-45 46-50 51-55 56-60 61-65 66-70 71-75 76-100 | EFFECT MODE HUE LOOP CCT LOOP INT LOOP FLASH PULSE STORM POLICE CAR TV PAPARAZZI CANDLE/FIRE DISCO BAD BULB FIREWORK EXPLOSION WELDING RESERVED | |
| 4 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #1 | See DMX Effects chart |
| 5 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #2 | See DMX Effects chart |
| 6 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #3 | See DMX Effects chart |
| 7 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #4 | See DMX Effects chart |
| 8 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #5 | See DMX Effects chart |
| 9 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #6 | See DMX Effects chart |
| 10 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #7 | See DMX Effects chart |
| 11 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #8 | See DMX Effects chart |
| 12 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #9 | See DMX Effects chart |
| 13 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #10 | See DMX Effects chart |
| 14 | 0-255 | 0-100 | DMX EFFECTS PARAMETER #11 | See DMX Effects chart |

DMX EFFECT CHART

| EFFECT | HUE LOOP 0 ≤ VALUE ≤ 12 | | | |
|--------------------|---|------------------------------------|--|--------------------------------------|
| CH4/PARAMETER #1 | HUE1 | | | |
| CH5/PARAMETER #2 | HUE2 | | | |
| CH6/PARAMETER #3 | SAT | | | |
| CH7/PARAMETER #4 | SPEED | | | |
| CH8/PARAMETER #5 | CYCLE: ONE WAY = 0-85(0%-33%) CYCLE: TWO WAY = 86-170(34%-66%) CYCLE: REVERSE = 171-255(67%-100%) | | | |
| CH9/PARAMETER #6 | ADD-ON: OFF = 0-63(0%-25%) | ADD-ON: FLASH = 64-127(26%-50%) | ADD-ON: RANDOM FLASH = 128-191(51%-75%) | ADD-ON: PULSE = 192-255(76%-100%) |
| CH10/PARAMETER #7 | N/A | INTERVALS | SPEED | PULSES/MIN |
| CH11/PARAMETER #8 | N/A | FLASH RATIO | N/A | N/A |
| CH12/PARAMETER #9 | N/A | | | |
| CH13/PARAMETER #10 | N/A | | | |
| CH14/PARAMETER #11 | N/A | | | |

DMX EFFECT CHART

| EFFECT | CCT LOOP 13 ≤ VALUE ≤ 25 | | | |
|--------------------|---|------------------------------------|--|--------------------------------------|
| CH4/PARAMETER #1 | CCT1 | | | |
| CH5/PARAMETER #2 | CCT2 | | | |
| CH6/PARAMETER #3 | G/M | | | |
| CH7/PARAMETER #4 | SPEED | | | |
| CH8/PARAMETER #5 | CYCLE: ONE WAY = 0-85(0%-33%) CYCLE: TWO WAY = 86-170(34%-66%) CYCLE: REVERSE = 171-255(67%-100%) | | | |
| CH9/PARAMETER #6 | ADD-ON: OFF = 0-63(0%-25%) | ADD-ON: FLASH = 64-127(26%-50%) | ADD-ON: RANDOM FLASH = 128-191(51%-75%) | ADD-ON: PULSE = 192-255(76%-100%) |
| CH10/PARAMETER #7 | N/A | INTERVALS | SPEED | PULSES/MIN |
| CH11/PARAMETER #8 | N/A | FLASH RATIO | N/A | N/A |
| CH12/PARAMETER #9 | N/A | | | |
| CH13/PARAMETER #10 | N/A | | | |
| CH14/PARAMETER #11 | N/A | | | |

DMX EFFECT CHART

| EFFECT | INT LOOP 26 ≤ VALUE ≤ 38 | | | |
|--------------------|---|------------------------------------|--|--------------------------------------|
| CH4/PARAMETER #1 | DIM LOW | | | |
| CH5/PARAMETER #2 | COLOR: CCT MODE = 0-127(0%-50%) | | COLOR: HSI MODE = 128-255(51%-100%) | |
| CH6/PARAMETER #3 | CCT | | HUE | |
| CH7/PARAMETER #4 | G/M | | SAT | |
| CH8/PARAMETER #5 | SPEED | | | |
| CH9/PARAMETER #6 | CYCLE: ONE WAY = 0-85(0%-33%) CYCLE: TWO WAY = 86-170(34%-66%) CYCLE: REVERSE = 171-255(67%-100%) | | | |
| CH10/PARAMETER #7 | ADD-ON: OFF = 0-63(0%-25%) | ADD-ON: FLASH = 64-127(26%-50%) | ADD-ON: RANDOM FLASH = 128-191(51%-75%) | ADD-ON: PULSE = 192-255(76%-100%) |
| CH11/PARAMETER #8 | N/A | INTERVALS | SPEED | PULSES/MIN |
| CH12/PARAMETER #9 | N/A | FLASH RATIO | N/A | N/A |
| CH13/PARAMETER #10 | N/A | | | |
| CH14/PARAMETER #11 | N/A | | | |

DMX EFFECT CHART

| EFFECT | FLASH 39 ≤ VALUE ≤ 51 | | | |
|--------------------|---|--|-------------------------------------|--|
| CH4/PARAMETER #1 | COLOR: CCT MODE = 0-127(0%-50%) | | COLOR: HSI MODE = 128-255(51%-100%) | |
| CH5/PARAMETER #2 | CCT | | HUE | |
| CH6/PARAMETER #3 | G/M | | SAT | |
| CH7/PARAMETER #4 | INTERVALS | | | |
| CH8/PARAMETER #5 | FLASH RATIO | | | |
| CH9/PARAMETER #6 | PAUSE: OFF = 0-127(0%-50%) PAUSE: ON = 128-255(51%-100%) | | | |
| CH10/PARAMETER #7 | N/A | | | |
| CH11/PARAMETER #8 | N/A | | | |
| CH12/PARAMETER #9 | N/A | | | |
| CH13/PARAMETER #10 | N/A | | | |
| CH14/PARAMETER #11 | N/A | | | |

DMX EFFECT CHART

| EFFECT | PULSE 52 ≤ VALUE ≤ 63 | |
|--------------------|---------------------------------|-------------------------------------|
| CH4/PARAMETER #1 | COLOR: CCT MODE = 0-127(0%-50%) | COLOR: HSI MODE = 128-255(51%-100%) |
| CH5/PARAMETER #2 | CCT | HUE |
| CH6/PARAMETER #3 | G/M | SAT |
| CH7/PARAMETER #4 | PULSES/MIN | |
| CH8/PARAMETER #5 | N/A | |
| CH9/PARAMETER #6 | N/A | |
| CH10/PARAMETER #7 | N/A | |
| CH11/PARAMETER #8 | N/A | |
| CH12/PARAMETER #9 | N/A | |
| CH13/PARAMETER #10 | N/A | |
| CH14/PARAMETER #11 | N/A | |

DMX EFFECT CHART

| EFFECT | STORM 64 ≤ VALUE ≤ 76 | |
|--------------------|---|---|
| CH4/PARAMETER #1 | CCT | |
| CH5/PARAMETER #2 | FLASH TIMES HIGH | |
| CH6/PARAMETER #3 | FLASH TIMES LOW | |
| CH7/PARAMETER #4 | TRIGGER: AUTO = 0-127(0%-50%) | TRIGGER: MANUAL = 128-255(51%-100%) |
| CH8/PARAMETER #5 | INTERVAL HIGH | Trigger: OFF = 0-127(0%-51%) Trigger: ON = 128-255(51%-100%) |
| CH9/PARAMETER #6 | INTERVAL LOW | N/A |
| CH10/PARAMETER #7 | PAUSE: OFF = 0-127(0%-50%) PAUSE: ON = 128-255(51%-100%) | N/A |
| CH11/PARAMETER #8 | N/A | |
| CH12/PARAMETER #9 | N/A | |
| CH13/PARAMETER #10 | N/A | |
| CH14/PARAMETER #11 | N/A | |

DMX EFFECT CHART

| EFFECT | POLICE CAR 77 ≤ VALUE ≤ 89 |
|--------------------|---|
| CH4/PARAMETER #1 | COLOR: B = 0-63(0%-25%) COLOR: RB = 64-127(26%-50%) COLOR: BW = 128-191(51%-75%) COLOR: RBW = 192-255(76-100%) |
| CH5/PARAMETER #2 | MODE: SINGLE = 0-63(0%-25%) MODE: DOUBLE = 64-127(26%-50%) MODE: TRIPLE = 128-191(51%-75%) MODE: QUAD = 192-255(76-100%) |
| CH6/PARAMETER #3 | SPEED |
| CH7/PARAMETER #4 | N/A |
| CH8/PARAMETER #5 | N/A |
| CH9/PARAMETER #6 | N/A |
| CH10/PARAMETER #7 | N/A |
| CH11/PARAMETER #8 | N/A |
| CH12/PARAMETER #9 | N/A |
| CH13/PARAMETER #10 | N/A |
| CH14/PARAMETER #11 | N/A |

DMX EFFECT CHART

| EFFECT | TV 90 ≤ VALUE ≤ 102 | |
|--------------------|--------------------------------------|-------------------------------------|
| CH4/PARAMETER #1 | DIM LOW | |
| CH5/PARAMETER #2 | COLOR: CCT MODE = 0-127(0%-50%) | COLOR: HSI MODE = 128-255(51%-100%) |
| CH6/PARAMETER #3 | CCT | HUE |
| CH7/PARAMETER #4 | G/M | SAT |
| CH8/PARAMETER #5 | CCT SHIFT | HUE SHIFT |
| CH9/PARAMETER #6 | SPEED | |
| CH10/PARAMETER #7 | N/A | |
| CH11/PARAMETER #8 | N/A | |
| CH12/PARAMETER #9 | N/A | |
| CH13/PARAMETER #10 | N/A | |
| CH14/PARAMETER #11 | N/A | |

DMX EFFECT CHART

| EFFECT | PAPARAZZI 103 ≤ VALUE ≤ 114 |
|--------------------|--------------------------------|
| CH4/PARAMETER #1 | CCT |
| CH5/PARAMETER #2 | G/M |
| CH6/PARAMETER #3 | SPEED |
| CH7/PARAMETER #4 | N/A |
| CH8/PARAMETER #5 | N/A |
| CH9/PARAMETER #6 | N/A |
| CH10/PARAMETER #7 | N/A |
| CH11/PARAMETER #8 | N/A |
| CH12/PARAMETER #9 | N/A |
| CH13/PARAMETER #10 | N/A |
| CH14/PARAMETER #11 | N/A |

DMX EFFECT CHART

| EFFECT | CANDLE/FIRE 115 ≤ VALUE ≤ 127 | |
|--------------------|---|-------------------------------------|
| CH4/PARAMETER #1 | DIM LOW | |
| CH5/PARAMETER #2 | COLOR: CCT MODE = 0-127(0%-50%) | COLOR: HSI MODE = 128-255(51%-100%) |
| CH6/PARAMETER #3 | CCT | HUE |
| CH7/PARAMETER #4 | G/M | SAT |
| CH8/PARAMETER #5 | CCT SHIFT | HUE SHIFT |
| CH9/PARAMETER #6 | SPEED | |
| CH10/PARAMETER #7 | FLICKER: OFF = 0-127(0%-50%) FLICKER: ON = 128-255(51%-100%) | |
| CH11/PARAMETER #8 | N/A | |
| CH12/PARAMETER #9 | N/A | |
| CH13/PARAMETER #10 | N/A | |
| CH14/PARAMETER #11 | N/A | |

DMX EFFECT CHART

| EFFECT | DISCO 128 ≤ VALUE ≤ 140 | |
|---------------------------|---|--|
| CH4/PARAMETER #1 | COLOR:DEFAULT = 0-127(0%-50%) | COLOR:MANUAL = 128-255(51%-100%) |
| CH5/PARAMETER #2 | AMOUNT:3 = 0-31(0%-12%) AMOUNT:6 = 32-63(13%-25%) AMOUNT:9 = 64-95(26%-37%) AMOUNT:12 = 96-127(38%-50%) AMOUNT:15 = 128-159(51%-62%) AMOUNT:18 = 160-191(63%-75%) AMOUNT:21 = 192-223(76%-87%) AMOUNT:24 = 224-255(88%-100%) | AMOUNT:1 = 0-42(0%-16%) AMOUNT:2 = 43-85(17%-33%) AMOUNT:3 = 86-127(34%-50%) AMOUNT:4 = 128-170(51%-66%) AMOUNT:5 = 171-212(67%-83%) AMOUNT:6 = 213-255(84%-100%) |
| CH6/PARAMETER #3 | SPEED | |
| CH7/PARAMETER #4 | SAT | |
| CH12/PARAMETER #5 | N/A | C1 HUE |
| CH9/PARAMETER #6 | N/A | C2 HUE |
| CH10/PARAMETER #7 | N/A | C3 HUE |
| CH11/PARAMETER #8 | N/A | C4 HUE |
| CH12/PARAMETER #9 | N/A | C5 HUE |
| CH13/PARAMETER #10 | N/A | C6 HUE |
| CH14/PARAMETER #11 | N/A | N/A |

DMX EFFECT CHART

| EFFECT | BAD BULB 141 ≤ VALUE ≤ 153 | |
|---------------------------|--------------------------------------|------------------------------------|
| CH4/PARAMETER #1 | COLOR:CCT MODE = 0-127(0%-50%) | COLOR:HSI MODE = 128-255(51%-100%) |
| CH5/PARAMETER #2 | CCT | HUE |
| CH6/PARAMETER #3 | G/M | SAT |
| CH7/PARAMETER #4 | INTENSITY | |
| CH8/PARAMETER #5 | SPEED | |
| CH9/PARAMETER #6 | N/A | |
| CH10/PARAMETER #7 | N/A | |
| CH11/PARAMETER #8 | N/A | |
| CH12/PARAMETER #9 | N/A | |
| CH13/PARAMETER #10 | N/A | |
| CH14/PARAMETER #11 | N/A | |

DMX EFFECT CHART

| EFFECT | FIREWORK 154 ≤ VALUE ≤ 165 | | |
|--------------------|---|--|-------------------------------------|
| CH4/PARAMETER #1 | COLOR: DEFAULT = 0-85(0%-33%) | COLOR: MANUAL = 86-170(34%-66%) | COLOR: CCT MODE = 171-255(67%-100%) |
| CH5/PARAMETER #2 | AMOUNT: 3 = 0-31(0%-12%) AMOUNT: 6 = 32-63(13%-25%) AMOUNT: 9 = 64-95(26%-37%) AMOUNT: 12 = 96-127(38%-50%) AMOUNT: 15 = 128-159(51%-62%) AMOUNT: 18 = 160-191(63%-75%) AMOUNT: 21 = 192-223(76%-87%) AMOUNT: 24 = 224-255(88%-100%) | AMOUNT: 1 = 0-42(0%-16%) AMOUNT: 2 = 43-85(17%-33%) AMOUNT: 3 = 86-127(34%-50%) AMOUNT: 4 = 128-170(51%-66%) AMOUNT: 5 = 171-212(67%-83%) AMOUNT: 6 = 213-255(84%-100%) | CCT |
| CH6/PARAMETER #3 | SAT | | G/M |
| CH7/PARAMETER #4 | SPEED | | |
| CH12/PARAMETER #5 | DECAY | | |
| CH9/PARAMETER #6 | N/A | C1 HUE | CCT SHIFT |
| CH10/PARAMETER #7 | N/A | C2 HUE | N/A |
| CH11/PARAMETER #8 | N/A | C3 HUE | N/A |
| CH12/PARAMETER #9 | N/A | C4 HUE | N/A |
| CH13/PARAMETER #10 | N/A | C5 HUE | N/A |
| CH14/PARAMETER #11 | N/A | C6 HUE | N/A |

DMX EFFECT CHART

| EFFECT | EXPLOSION 166 ≤ VALUE ≤ 178 | |
|--------------------|---------------------------------|---|
| CH4/PARAMETER #1 | COLOR: CCT MODE = 0-127(0%-50%) | COLOR: HSI MODE = 128-255(51%-100%) |
| CH5/PARAMETER #2 | CCT | HUE |
| CH6/PARAMETER #3 | G/M | SAT |
| CH7/PARAMETER #4 | DECAY | |
| CH8/PARAMETER #5 | TRIGGER:AUTO = 0-127(0%-50%) | TRIGGER:MANUAL = 128-255(51%-100%) |
| CH9/PARAMETER #6 | SPEED | Trigger: OFF = 0-127(0%-50%) Trigger: ON = 128-255(51%-100%) |
| CH10/PARAMETER #7 | N/A | |
| CH11/PARAMETER #8 | N/A | |
| CH12/PARAMETER #9 | N/A | |
| CH13/PARAMETER #10 | N/A | |
| CH14/PARAMETER #11 | N/A | |

DMX EFFECT CHART

| EFFECT | WELDING 179 ≤ VALUE ≤ 191 | |
|--------------------|---|-------------------------------------|
| CH4/PARAMETER #1 | DIM LOW | |
| CH5/PARAMETER #2 | COLOR: CCT MODE = 0-127(0%-50%) | COLOR: HSI MODE = 128-255(51%-100%) |
| CH6/PARAMETER #3 | CCT | HUE |
| CH7/PARAMETER #4 | G/M | SAT |
| CH12/PARAMETER #5 | SPEED | |
| CH9/PARAMETER #6 | PAUSE: OFF = 0-127(0%-50%) PAUSE: ON = 128-255(51%-100%) | |
| CH10/PARAMETER #7 | N/A | |
| CH11/PARAMETER #8 | N/A | |
| CH12/PARAMETER #9 | N/A | |
| CH13/PARAMETER #10 | N/A | |
| CH14/PARAMETER #11 | N/A | |

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