



# SOLAR<sup>1050</sup>



**AFFECTATION DMX  
DMX MAP**

STARNOW



## DÉFINITIONS DE BASE

|                              |  |
|------------------------------|--|
| <b>Canal Master Dimmer</b>   | Réglage d'intensité générale agissant sur toutes les leds.   |
| <b>Canal Dimmer Led XX</b>   | Réglage d'intensité de chaque led ou groupe de leds. White et Amber sont affectés ensemble ou séparément suivant le mode.  |
| <b>Canal Duration:</b>       | En mode strobe la durée des flashes est ajustée par ce canal.  |
| <b>Canal Pattern:</b>        | Ce canal sélectionne des combinaisons de leds formants des motifs graphiques.  |
| <b>Canal Flow Effect:</b>    | Mise en animation de différentes combinaisons de patterns. Chaque animation est proposée soit en mode instantané ou mode Tungstène.  |
| <b>Canal Effect Speed:</b>   | Réglage de vitesse du Flow Effect.   |
| <b>Canal Leds Mode:</b>      | Choix du comportement des leds en fonction du mode Tungstène ou sélection White ou Amber. Ce mode peut varier suivant le mode DMX choisit.<br>Pour les modes DMX ne proposant pas ce réglage, il est également sélectionnable dans le menu du Solar.   |
| <b>Canal Dimmer Speed:</b>   | Affecte un temps de descente de 0 à 4 aux leds. N'existe pas dans tous les modes DMX mais est sélectionnable dans le menu du Solar 1050.   |
| <b>Fonction Fast Dimmer:</b> | Fonction activable dans le menu du Solar 1050. Lors de l'utilisation d'un Dimmer Speed entre 0 et 1 seconde, Fast Dimmer autorisera un noir sec par détection de la vitesse de descente du dimmer jusqu'à 000.<br>Fast dimmer peut être inhibé momentanément en sélectionnant 255 sur le canal strobe. |
| <b>Note 1:</b>               | Depuis la version V1.11 lorsque le Fast Dimmer est activé dans le menu il est possible de le désactiver en sélectionnant 251-255 sur le canal de strobe. Ceci permet de choisir à n'importe quel moment si les leds font un noir sec ou avec un temps de descente sur un Black-out.                    |
| <b>Note 2:</b>               | Deux modes random pixels instant et fade ont remplacé le random des différents programmes depuis la V1.11.   |
| <b>Note 3:</b>               | Depuis la V1.15 le canal dimmer speed a été modifié par une possibilité d'ajuster précisément le dimmer fade de 0 à 10sec,   |
| <b>Note 4:</b>               | Depuis la V1.15.7 La fonction Led direction a été ajoutée dans le menu ainsi qu'un accès à cette fonction en dmx depuis le canal Led mode.   |

## MODE 1 CANAL

la courbe Tungstène et la vitesse du dimmer sont définies par le menu

|   |               |         |          |
|---|---------------|---------|----------|
| 1 | Master Dimmer | 000-255 | 0 - 100% |
|---|---------------|---------|----------|

## MODE 2 CANAUX

la courbe Tungstène et la vitesse du dimmer sont définies par le menu

|   |                |           |          |
|---|----------------|-----------|----------|
| 1 | Dimmer Led 1-5 | 000 - 255 | 0 - 100% |
| 2 | Dimmer Led 6-7 | 000 - 255 | 0 - 100% |

## MODE 5 CANAUX STROBE

la courbe Tungstène et la vitesse du dimmer sont définies par le menu

|   |               |           |                                      |
|---|---------------|-----------|--------------------------------------|
| 1 | Master Dimmer | 000 - 255 | 0 - 100%                             |
| 2 | Duration      | 000 - 255 | 0 - 100%                             |
| 3 | Strobe        | 000 - 005 | Shutter ouvert                       |
|   |               | 006 - 010 | Shutter fermé                        |
|   |               | 011 - 092 | Regular de lent à rapide             |
|   |               | 093 - 174 | Random de lent à rapide              |
|   |               | 175 - 250 | Random synchronisé de lent à rapide  |
|   |               | 251 - 255 | Shutter ouvert Fast dimmer désactivé |
| 4 | Pattern       | 000 - 255 | Pattern 1-81                         |
| 5 | Flow Effect   | 000 - 255 | Effect 1- 5                          |

## MODE 5 CANAUX STROBE

la courbe Tungstène et la vitesse du dimmer sont définies par le menu

|   |               |           |                                      |
|---|---------------|-----------|--------------------------------------|
| 1 | Master Dimmer | 000 - 255 | 0 - 100%                             |
| 2 | Duration      | 000 - 255 | 0 - 100%                             |
| 3 | Strobe        | 000 - 005 | Shutter ouvert                       |
|   |               | 006 - 010 | Shutter fermé                        |
|   |               | 011 - 092 | Regular de lent à rapide             |
|   |               | 093 - 174 | Random de lent à rapide              |
|   |               | 175 - 250 | Random synchronisé de lent à rapide  |
|   |               | 251 - 255 | Shutter ouvert Fast dimmer désactivé |
| 4 | Pattern       | 000 - 255 | Pattern 1-81                         |
| 5 | Flow Effect   | 000 - 255 | Effect 1- 5                          |

## MODE 9 CANAUX

la courbe Tungstène et la vitesse du dimmer sont définies par le menu

|   |               |           |                                       |          |
|---|---------------|-----------|---------------------------------------|----------|
| 1 | Master Dimmer | 000 - 255 | 0 - 100%                              |          |
| 2 | ALL Blanche   | 000 - 255 | 0 - 100%                              |          |
| 3 | All Ambre     | 000 - 255 | 0 - 100%                              |          |
| 4 | Duration      | 000 - 255 | 0 - 100%                              |          |
| 5 | Strobe        | 000 - 005 | Shutter ouvert                        |          |
|   |               | 006- 010  | Shutter fermé                         |          |
|   |               | 011 - 092 | Regular de lent à rapide              |          |
|   |               | 093 - 174 | Random de lent à rapide               |          |
|   |               | 175 - 250 | Random synchronisé de lent à rapide   |          |
|   |               | 251 - 255 | Shutter ouvert Fast dimmer désactivé  | (Note 1) |
| 6 | Pattern       | 000-255   | Pattern 1-81                          |          |
| 7 | Flow Effect   | 000-010   | Effect Off                            |          |
|   |               | 011 -014  | P1 avec fade                          |          |
|   |               | 015 - 017 | P1 Instantané                         |          |
|   |               | 018 - 021 | P2 avec fade                          |          |
|   |               | 022 - 024 | P2 Instantané                         |          |
|   |               | 025 - 028 | P3 avec fade                          |          |
|   |               | 029 - 031 | P3 Instantané                         |          |
|   |               | 032 - 035 | P4 avec fade                          |          |
|   |               | .../...   | etc.....                              |          |
|   |               | 249-252   | P37 Random Pixel fade                 | (Note 2) |
|   |               | 253-255   | P37 Random Pixel instantané           |          |
| 8 | Effect Speed  | 001 - 255 | de lent a rapide                      |          |
| 9 | Leds mode     | 001 - 030 | Contrôle iSeparée Blanche/Ambre       |          |
|   |               | 031 - 060 | Tungsten 1                            |          |
|   |               | 061 - 090 | Tungsten 2                            |          |
|   |               | 091 - 120 | Tungsten 3                            |          |
|   |               | 121 - 150 | Tungsten 4                            |          |
|   |               | 151 - 180 | Tungsten 5                            |          |
|   |               | 181 - 234 | No effect                             |          |
|   |               | 235 - 244 | Led direction 1 < 10 (maintient 3sec) | (note 4) |
|   |               | 245 - 255 | Led direction 10 > 1 (maintient 3sec) | (note 4) |

## MODE 10 CANAUX PIXEL

la courbe Tungstène et la vitesse du dimmer sont définies par le menu

|    |               |           |          |
|----|---------------|-----------|----------|
| 1  | Dimmer Led-1  | 000 - 255 | 0 - 100% |
| 2  | Dimmer Led-2  | 000 - 255 | 0 - 100% |
| 3  | Dimmer Led-3  | 000 - 255 | 0 - 100% |
| 4  | Dimmer Led-4  | 000 - 255 | 0 - 100% |
| 5  | Dimmer Led-5  | 000 - 255 | 0 - 100% |
| 6  | Dimmer Led-6  | 000 - 255 | 0 - 100% |
| 7  | Dimmer Led-7  | 000 - 255 | 0 - 100% |
| 8  | Dimmer Led-8  | 000 - 255 | 0 - 100% |
| 9  | Dimmer Led-9  | 000 - 255 | 0 - 100% |
| 10 | Dimmer Led-10 | 000 - 255 | 0 - 100% |

## MODE 17 CANAUX

la courbe Tungstène et la vitesse du dimmer sont définies par le menu

|         |                             |           |                                      |          |
|---------|-----------------------------|-----------|--------------------------------------|----------|
| 1       | Master Dimmer               | 000 - 255 | 0 - 100%                             |          |
| 2       | Dimmer Led-1                | 000 - 255 | 0 - 100%                             |          |
| 3       | Dimmer Led-2                | 000 - 255 | 0 - 100%                             |          |
| 4       | Dimmer Led-3                | 000 - 255 | 0 - 100%                             |          |
| 5       | Dimmer Led-4                | 000 - 255 | 0 - 100%                             |          |
| 6       | Dimmer Led-5                | 000 - 255 | 0 - 100%                             |          |
| 7       | Dimmer Led-6                | 000 - 255 | 0 - 100%                             |          |
| 8       | Dimmer Led-7                | 000 - 255 | 0 - 100%                             |          |
| 9       | Dimmer Led-8                | 000 - 255 | 0 - 100%                             |          |
| 10      | Dimmer Led-9                | 000 - 255 | 0 - 100%                             |          |
| 11      | Dimmer Led-10               | 000 - 255 | 0 - 100%                             |          |
| 12      | Duration                    | 000 - 255 | 0 - 100%                             |          |
| 13      | Strobe                      | 000 - 005 | Shutter ouvert                       |          |
|         |                             | 006-010   | Shutter fermé                        |          |
|         |                             | 011 - 092 | Regular de lent à rapide             |          |
|         |                             | 093 - 174 | Random de lent à rapide              |          |
|         |                             | 175 -250  | Random synchronisé de lent à rapide  |          |
|         |                             | 251-255   | Shutter Ouvert Fast dimmer désactivé | (Note 1) |
| 14      | Pattern                     | 000-255   | Pattern 1-81                         |          |
| 15      | Flow Effect                 | 000-010   | idle                                 |          |
|         |                             | 011 -014  | P1 avec fade                         |          |
|         |                             | 015 - 017 | P1 Instantané                        |          |
|         |                             | 018 - 021 | P2 avec fade                         |          |
|         |                             | 022 - 024 | P2 Instantané                        |          |
|         |                             | 025 - 028 | P3 avec fade                         |          |
|         |                             | 029 - 031 | P3 Instantané                        |          |
|         |                             | 032 - 035 | P4 avec fade                         |          |
|         |                             | .../...   | etc.....                             |          |
| 249-252 | P37 Random Pixel fade       | (Note 2)  |                                      |          |
| 253-255 | P37 Random Pixel instantané |           |                                      |          |
| 16      | Effect Speed                | 000-255   | De lent à rapide                     |          |
| 17      | Leds mode                   | 000 - 009 | Courbe définie par dans le menu      |          |
|         |                             | 010 - 034 | Tungsten 1                           |          |
|         |                             | 035 - 059 | Tungsten 2                           |          |
|         |                             | 060 - 084 | Tungsten 3                           |          |
|         |                             | 085 - 109 | Tungsten 4                           |          |
|         |                             | 110 - 134 | Tungsten 5                           |          |
|         |                             | 135 - 159 | Seulement LEDs Blanches              |          |
|         |                             | 160 - 184 | Seulement LEDs Ambres                |          |
|         |                             | 185 - 234 | Idle                                 |          |
|         |                             | 235 - 244 | Led direction 1 < 10 (maintien 3sec) | (note 4) |
|         |                             | 245 - 255 | Led direction 10 > 1 (maintien 3sec) |          |

## MODE 18 CANAUX

|    |               |           |          |
|----|---------------|-----------|----------|
| 1  | Master Dimmer | 000 - 255 | 0 - 100% |
| 2  | Dimmer Led-1  | 000 - 255 | 0 - 100% |
| 3  | Dimmer Led-2  | 000 - 255 | 0 - 100% |
| 4  | Dimmer Led-3  | 000 - 255 | 0 - 100% |
| 5  | Dimmer Led-4  | 000 - 255 | 0 - 100% |
| 6  | Dimmer Led-5  | 000 - 255 | 0 - 100% |
| 7  | Dimmer Led-6  | 000 - 255 | 0 - 100% |
| 8  | Dimmer Led-7  | 000 - 255 | 0 - 100% |
| 9  | Dimmer Led-8  | 000 - 255 | 0 - 100% |
| 10 | Dimmer Led-9  | 000 - 255 | 0 - 100% |
| 11 | Dimmer Led-10 | 000 - 255 | 0 - 100% |
| 12 | Duration      | 000 - 255 | 0 - 100% |

|         |                             |           |                                      |          |          |
|---------|-----------------------------|-----------|--------------------------------------|----------|----------|
| 13      | Strobe                      | 000 - 005 | Shutter ouvert                       |          |          |
|         |                             | 006-010   | Shutter fermé                        |          |          |
|         |                             | 011 - 092 | Regular de lent à rapide             |          |          |
|         |                             | 093 - 174 | Random de lent à rapide              |          |          |
|         |                             | 175 -250  | Random synchronisé de lent à rapide  |          |          |
|         |                             | 251-255   | Shutter ouver Fast dimmer désactivé  |          |          |
| 14      | Pattern                     | 000-255   | Pattern 1-81                         | (Note 1) |          |
| 15      | Flow Effect                 | 000-010   | Idle                                 |          |          |
|         |                             | 011 -014  | P1 avec fade                         |          |          |
|         |                             | 015 - 017 | P1 Instant                           |          |          |
|         |                             | 018 - 021 | P2 avec fade                         |          |          |
|         |                             | 022 - 024 | P2 Instant                           |          |          |
|         |                             | 025 - 028 | P3 avec fade                         |          |          |
|         |                             | 029 - 031 | P3 Instant                           |          |          |
|         |                             | 032 - 035 | P4 avec fade                         |          |          |
|         |                             | .../...   | etc.....                             |          |          |
| 249-252 | P37 Random Pixel avec fade  | (Note 2)  |                                      |          |          |
| 253-255 | P37 Random Pixel instantané |           |                                      |          |          |
| 16      | Effect Speed                | 000-255   | De lent à rapide                     |          |          |
| 17      | Leds mode                   | 000 - 009 | Courbe définie par le menu           |          |          |
|         |                             | 010 - 034 | Tungsten 1                           |          |          |
|         |                             | 035 - 059 | Tungsten 2                           |          |          |
|         |                             | 060 - 084 | Tungsten 3                           |          |          |
|         |                             | 085 - 109 | Tungsten 4                           |          |          |
|         |                             | 110 - 134 | Tungsten 5                           |          |          |
|         |                             | 135 - 159 | Seulement Leds Blanches              |          |          |
|         |                             | 160 - 184 | Seulement Leds Ambres                |          |          |
|         |                             | 185 - 234 | Idle                                 |          |          |
|         |                             | 235 - 244 | Led direction 1 < 10 (maintien 3sec) |          | (note 4) |
|         |                             | 245 - 255 | Led direction 10 > 1 (maintien 3sec) |          |          |
| 18      | Dimmer speed                | 000-009   | Courbe de dimmer définie par le menu |          |          |
|         |                             | 010 - 019 | Dim 0                                |          |          |
|         |                             | 020-029   | Dim 1                                |          |          |
|         |                             | 030-039   | Dim 2                                |          |          |
|         |                             | 040-049   | Dim 3                                |          |          |
|         |                             | 050-059   | Dim 4                                |          |          |
|         |                             | 060-255   | Fade 0 à 10sec (Note 3)              |          | (Note 3) |

## MODE 20 CANAUX

la courbe Tungstène et la vitesse du dimmer sont définies par le menu

|    |                       |           |          |
|----|-----------------------|-----------|----------|
| 1  | Dimmer Led-1 Blanche  | 000 - 255 | 0 - 100% |
| 2  | Dimmer Led-1 Ambre    | 000 - 255 | 0 - 100% |
| 3  | Dimmer Led-2 Blanche  | 000 - 255 | 0 - 100% |
| 4  | Dimmer Led-2 Ambre    | 000 - 255 | 0 - 100% |
| 5  | Dimmer Led-3 Blanche  | 000 - 255 | 0 - 100% |
| 6  | Dimmer Led-3 Ambre    | 000 - 255 | 0 - 100% |
| 7  | Dimmer Led-4 Blanche  | 000 - 255 | 0 - 100% |
| 8  | Dimmer Led-4 Ambre    | 000 - 255 | 0 - 100% |
| 9  | Dimmer Led-5 Blanche  | 000 - 255 | 0 - 100% |
| 10 | Dimmer Led-5 Ambre    | 000 - 255 | 0 - 100% |
| 11 | Dimmer Led-6 Blanche  | 000 - 255 | 0 - 100% |
| 12 | Dimmer Led-6 Ambre    | 000 - 255 | 0 - 100% |
| 13 | Dimmer Led-7 Blanche  | 000 - 255 | 0 - 100% |
| 14 | Dimmer Led-7 Ambre    | 000 - 255 | 0 - 100% |
| 15 | Dimmer Led-8 Blanche  | 000 - 255 | 0 - 100% |
| 16 | Dimmer Led-8 Ambre    | 000 - 255 | 0 - 100% |
| 17 | Dimmer Led-9 Blanche  | 000 - 255 | 0 - 100% |
| 18 | Dimmer Led-9 Ambre    | 000 - 255 | 0 - 100% |
| 19 | Dimmer Led-10 Blanche | 000 - 255 | 0 - 100% |
| 20 | Dimmer Led-10 Ambre   | 000 - 255 | 0 - 100% |

## MODE 25 CANAUX

|    |                       |           |   |
|----|-----------------------|-----------|---|
| 1  | Master Dimmer         | 000 - 255 | 0 - 100%                                      |
| 2  | Dimmer Led-1 Blanche  | 000 - 255 | 0 - 100%                                      |
| 3  | Dimmer Led-1 Ambre    | 000 - 255 | 0 - 100%                                      |
| 4  | Dimmer Led-2 Blanche  | 000 - 255 | 0 - 100%                                      |
| 5  | Dimmer Led-2 Ambre    | 000 - 255 | 0 - 100%                                      |
| 6  | Dimmer Led-3 Blanche  | 000 - 255 | 0 - 100%                                      |
| 7  | Dimmer Led-3 Ambre    | 000 - 255 | 0 - 100%                                      |
| 8  | Dimmer Led-4 Blanche  | 000 - 255 | 0 - 100%                                      |
| 9  | Dimmer Led-4 Ambre    | 000 - 255 | 0 - 100%                                      |
| 10 | Dimmer Led-5 Blanche  | 000 - 255 | 0 - 100%                                      |
| 11 | Dimmer Led-5 Ambre    | 000 - 255 | 0 - 100%                                      |
| 12 | Dimmer Led-6 Blanche  | 000 - 255 | 0 - 100%                                      |
| 13 | Dimmer Led-6 Ambre    | 000 - 255 | 0 - 100%                                      |
| 14 | Dimmer Led-7 Blanche  | 000 - 255 | 0 - 100%                                      |
| 15 | Dimmer Led-7 Ambre    | 000 - 255 | 0 - 100%                                      |
| 16 | Dimmer Led-8 Blanche  | 000 - 255 | 0 - 100%                                      |
| 17 | Dimmer Led-8 Ambre    | 000 - 255 | 0 - 100%                                      |
| 18 | Dimmer Led-9 Blanche  | 000 - 255 | 0 - 100%                                      |
| 19 | Dimmer Led-9 Ambre    | 000 - 255 | 0 - 100%                                      |
| 20 | Dimmer Led-10 Blanche | 000 - 255 | 0 - 100%                                      |
| 21 | Dimmer Led-10 Ambre   | 000 - 255 | 0 - 100%                                      |
| 22 | Duration              | 000 - 255 | 0 - 100%                                      |
| 23 | Strobe                | 000 - 005 | Shutter ouvert                                |
|    |                       | 006 - 010 | Shutter fermé                                 |
|    |                       | 011 - 092 | Regular de lent à rapide                      |
|    |                       | 093 - 174 | Random de lent à rapide                       |
|    |                       | 175 - 250 | Random synchronisé de lent à rapide           |
|    |                       | 251 - 255 | Shutter ouvert Fast dimmer désactivé (Note 1) |
| 24 | Leds mode             | 001 - 030 | Contrôle des leds Blanche/Ambre séparé        |
|    |                       | 031 - 060 | Tungsten 1                                    |
|    |                       | 061 - 090 | Tungsten 2                                    |
|    |                       | 091 - 120 | Tungsten 3                                    |
|    |                       | 121 - 150 | Tungsten 4                                    |
|    |                       | 151 - 180 | Tungsten 5                                    |
|    |                       | 181 - 234 | Idle  |
|    |                       | 235 - 244 | Led direction 1<10 (Maintient 3sec) (note 4)  |
|    |                       | 245 - 255 | Led direction 10>1 (Maintient 3sec) (note 4)  |
| 25 | Dimmer speed          | 000-009   | Vitesse du dimmer définie dans le menu        |
|    |                       | 010 - 019 | Dim 0   |
|    |                       | 020-029   | Dim 1   |
|    |                       | 030-039   | Dim 2   |
|    |                       | 040-049   | Dim 3   |
|    |                       | 050-059   | Dim 4   |
|    |                       | 060-255   | fade 0 a10sec (Note 3)                        |



## MODE 27 CANAUX

la courbe Tungstène et la vitesse du dimmer sont définies par le menu

|           |                                      |           |   |
|-----------|--------------------------------------|-----------|---|
| 1         | Master Dimmer                        | 000 - 255 | 0 - 100%                                      |
| 2         | Dimmer Led-1 Blanche                 | 000 - 255 | 0 - 100%                                      |
| 3         | Dimmer Led-1 Ambre                   | 000 - 255 | 0 - 100%                                      |
| 4         | Dimmer Led-2 Blanche                 | 000 - 255 | 0 - 100%                                      |
| 5         | Dimmer Led-2 Ambre                   | 000 - 255 | 0 - 100%                                      |
| 6         | Dimmer Led-3 Blanche                 | 000 - 255 | 0 - 100%                                      |
| 7         | Dimmer Led-3 Ambre                   | 000 - 255 | 0 - 100%                                      |
| 8         | Dimmer Led-4 Blanche                 | 000 - 255 | 0 - 100%                                      |
| 9         | Dimmer Led-4 Ambre                   | 000 - 255 | 0 - 100%                                      |
| 10        | Dimmer Led-5 Blanche                 | 000 - 255 | 0 - 100%                                      |
| 11        | Dimmer Led-5 Ambre                   | 000 - 255 | 0 - 100%                                      |
| 12        | Dimmer Led-6 Blanche                 | 000 - 255 | 0 - 100%                                      |
| 13        | Dimmer Led-6 Ambre                   | 000 - 255 | 0 - 100%                                      |
| 14        | Dimmer Led-7 Blanche                 | 000 - 255 | 0 - 100%                                      |
| 15        | Dimmer Led-7 Ambre                   | 000 - 255 | 0 - 100%                                      |
| 16        | Dimmer Led-8 Blanche                 | 000 - 255 | 0 - 100%                                      |
| 17        | Dimmer Led-8 Ambre                   | 000 - 255 | 0 - 100%                                      |
| 18        | Dimmer Led-9 Blanche                 | 000 - 255 | 0 - 100%                                      |
| 19        | Dimmer Led-9 Ambre                   | 000 - 255 | 0 - 100%                                      |
| 20        | Dimmer Led-10 Blanche                | 000 - 255 | 0 - 100%                                      |
| 21        | Dimmer Led-10 Ambre                  | 000 - 255 | 0 - 100%                                      |
| 22        | Duration                             | 000 - 255 | 0 - 100%                                      |
| 23        | Strobe                               | 000 - 005 | Shutter ouvert                                |
|           |                                      | 006 - 010 | Shutter fermé                                 |
|           |                                      | 011 - 092 | Regular de lent à rapide                      |
|           |                                      | 093 - 174 | Random de lent à rapide                       |
|           |                                      | 175 - 250 | Random synchronisé de lent à rapide           |
|           |                                      | 251 - 255 | Shutter ouvert Fast dimmer désactivé (Note 1) |
| 24        | Pattern                              | 000 - 255 | Pattern 1-81                                  |
| 25        | Flow Effect                          | 000 - 010 | Effect Off                                    |
|           |                                      | 011 - 014 | P1 avec fade                                  |
|           |                                      | 015 - 017 | P1 Instantané                                 |
|           |                                      | 018 - 021 | P2 avec fade                                  |
|           |                                      | 022 - 024 | P2 Instantané                                 |
|           |                                      | 025 - 028 | P3 avec fade                                  |
|           |                                      | 029 - 031 | P3 Instantané                                 |
|           |                                      | 032 - 035 | P4 avec fade                                  |
|           |                                      | .../...   | etc.....                                      |
|           |                                      | 249 - 252 | P37 Random Pixel avec fade (Note 2)           |
| 253 - 255 | P37 Random Pixel instantané (Note 2) |           |   |
| 26        | Effect Speed                         | 000 - 255 | De lent à rapide                              |
| 27        | Leds mode                            | 001 - 030 | Controle Separé des leds Blanche/Ambre        |
|           |                                      | 031 - 060 | Tungsten 1                                    |
|           |                                      | 061 - 090 | Tungsten 2                                    |
|           |                                      | 091 - 120 | Tungsten 3                                    |
|           |                                      | 121 - 150 | Tungsten 4                                    |
|           |                                      | 151 - 180 | Tungsten 5                                    |
|           |                                      | 181 - 234 | No effect                                     |
|           |                                      | 235 - 244 | Led direction 1 < 10 (maintien 3sec) (note 4) |
|           |                                      | 245 - 255 | Led direction 10 > 1 (maintien 3sec) (note 4) |

## BASIC DEFINITIONS

|                              |  |
|------------------------------|--|
| <b>Master Dimmer Channel</b> | General intensity adjustment acting on all LEDs.   |
| <b>Dimmer Led XX Channel</b> | Intensity adjustment of each led or group of leds. White and Amber are affected together or separately depending on the mode.  |
| <b>Duration Channel</b>      | In strobe mode the duration of the flashes is adjusted by this channel.  |
| <b>Pattern Channel</b>       | This channel selects combinations of LEDs forming graphic patterns.  |
| <b>Flow Effect Channel</b>   | Animation of different combinations of patterns. Each animation is offered either in instant mode or Tungsten mode.  |
| <b>Effect Speed Channel</b>  | Flow Effect speed adjustment.  |
| <b>Leds Mode Channel</b>     | Choice of led behavior according to Tungsten mode or White or Amber selection. This mode can vary according to the DMX mode chosen.<br>For DMX modes which do not offer this setting, it can also be selected in the Solar menu.   |
| <b>Dimmer Speed Channel</b>  | Assigns a ramp-down time from 0 to 4 to the LEDs. Not available in all DMX modes but is selectable in the Solar 1050 menu.   |
| <b>Fast Dimmer Function</b>  | This function can be activated in the menu of the Solar 1050. When using a Dimmer Speed between 0 and 1 second, Fast Dimmer will allow a dry black by detection of the lowering speed of the dimmer up to 000.<br>Fast dimmer can be momentarily inhibited by selecting 255 on the strobe channel. |
| <b>Note 1:</b>               | Since version V1.11 when the Fast Dimmer is activated in the menu it is possible to deactivate it by selecting 251-255 on the strobe channel. This allows you to choose at any time if the LEDs are dry black or with a ramp-down time on a Blackout.  |
| <b>Note 2:</b>               | Two instant and fade random pixel modes have replaced the random of the various programs since V1.11.  |
| <b>Note 3:</b>               | Since V1.15 the dimmer speed channel has been modified by a possibility to precisely adjust the fade dimmer from 0 to 10sec,   |
| <b>Note 4:</b>               | Since V1.15.7 the Led direction function has been added to the menu as well as access to this function in dmx from the Led mode channel.   |



## 1 CHANNEL MODE

the Tungsten curve and the speed of the dimmer are defined by the menu

|   |               |         |          |
|---|---------------|---------|----------|
| 1 | Master Dimmer | 000-255 | 0 - 100% |
|---|---------------|---------|----------|

## 2 CHANNELS MODE

the Tungsten curve and the speed of the dimmer are defined by the menu

|   |                |           |          |
|---|----------------|-----------|----------|
| 1 | Dimmer Led 1-5 | 000 - 255 | 0 - 100% |
| 2 | Dimmer Led 6-7 | 000 - 255 | 0 - 100% |

## 5 CHANNELS STROBE MODE

the Tungsten curve and the speed of the dimmer are defined by the menu

|   |               |           |                                       |
|---|---------------|-----------|---------------------------------------|
| 1 | Master Dimmer | 000 - 255 | 0 - 100%                              |
| 2 | Duration      | 000 - 255 | 0 - 100%                              |
| 3 | Strobe        | 000 - 005 | Shutter Open                          |
|   |               | 006-010   | Shutter Close                         |
|   |               | 011 - 092 | Regular from slow to fast             |
|   |               | 093 - 174 | Random from slow to fast              |
|   |               | 175 -250  | Random synchronized from slow to fast |
|   |               | 251-255   | Shutter open Fast dimmer disabled     |
|   |               |           | (Note 1)                              |
| 4 | Pattern       | 000-255   | Pattern 1-81                          |
| 5 | Flow Effect   | 000 - 255 | Effect 1- 5                           |

## 5 CHANNELS STROBE MODE

the Tungsten curve and the speed of the dimmer are defined by the menu

|   |               |           |                                       |
|---|---------------|-----------|---------------------------------------|
| 1 | Master Dimmer | 000 - 255 | 0 - 100%                              |
| 2 | Duration      | 000 - 255 | 0 - 100%                              |
| 3 | Strobe        | 000 - 005 | Shutter Open                          |
|   |               | 006-010   | Shutter Close                         |
|   |               | 011 - 092 | Regular from slow to fast             |
|   |               | 093 - 174 | Random from slow to fast              |
|   |               | 175 -250  | Random synchronized from slow to fast |
|   |               | 251-255   | Shutter open Fast dimmer disabled     |
|   |               |           | (Note 1)                              |
| 4 | Pattern       | 000-255   | Pattern 1-81                          |
| 5 | Flow Effect   | 000 - 255 | Effect 1- 5                           |

## 5 CHANNELS PIXEL MODE

the Tungsten curve and the speed of the dimmer are defined by the menu

|   |                 |           |          |
|---|-----------------|-----------|----------|
| 1 | Dimmer Led 1-2  | 000 - 255 | 0 - 100% |
| 2 | Dimmer Led 3-4  | 000 - 255 | 0 - 100% |
| 3 | Dimmer Led 5-6  | 000 - 255 | 0 - 100% |
| 4 | Dimmer Led 7-8  | 000 - 255 | 0 - 100% |
| 5 | Dimmer Led 9-10 | 000 - 255 | 0 - 100% |

## 9 CHANNELS MODE

the Tungsten curve and the speed of the dimmer are defined by the menu

|         |                          |           |                                       |          |
|---------|--------------------------|-----------|---------------------------------------|----------|
| 1       | Master Dimmer            | 000 - 255 | 0 - 100%                              |          |
| 2       | ALL White                | 000 - 255 | 0 - 100%                              |          |
| 3       | All Amber                | 000 - 255 | 0 - 100%                              |          |
| 4       | Duration                 | 000 - 255 | 0 - 100%                              |          |
| 5       | Strobe                   | 000 - 005 | Shutter open                          |          |
|         |                          | 006-010   | Shutter close                         |          |
|         |                          | 011 - 092 | Regular from slow to fast             |          |
|         |                          | 093 - 174 | Random from slow to fast              |          |
|         |                          | 175 -250  | Random synchronized from slow to fast |          |
|         |                          | 251-255   | Shutter open Fast dimmer disabled     | (Note 1) |
| 6       | Pattern                  | 000-255   | Pattern 1-81                          |          |
| 7       | Flow Effect              | 000-010   | Effect Off                            |          |
|         |                          | 011 -014  | P1 with fade                          |          |
|         |                          | 015 - 017 | P1 Instant                            |          |
|         |                          | 018 - 021 | P2 with fade                          |          |
|         |                          | 022 - 024 | P2 Instant                            |          |
|         |                          | 025 - 028 | P3 with fade                          |          |
|         |                          | 029 - 031 | P3 Instant                            |          |
|         |                          | 032 - 035 | P4 with fade                          |          |
|         |                          | .../...   | etc.....                              |          |
|         |                          | 249-252   | P37 Random Pixel fade                 | (Note 2) |
| 253-255 | P37 Random Pixel instant |           |                                       |          |
| 8       | Effect Speed             | 001 - 255 | From slow to fast                     |          |
| 9       | Leds mode                | 001 - 030 | Separate White / Amber Control        |          |
|         |                          | 031 - 060 | Tungsten 1                            |          |
|         |                          | 061 - 090 | Tungsten 2                            |          |
|         |                          | 091 - 120 | Tungsten 3                            |          |
|         |                          | 121 - 150 | Tungsten 4                            |          |
|         |                          | 151 - 180 | Tungsten 5                            |          |
|         |                          | 181 - 234 | No effect                             |          |
|         |                          | 235 - 244 | Led direction 1 < 10 (hold 3sec)      | (note 4) |
|         |                          | 245 - 255 | Led direction 10 > 1 (hold 3sec)      | (note 4) |

## 10 CHANNELS MODE

the Tungsten curve and the speed of the dimmer are defined by the menu

|    |               |           |          |
|----|---------------|-----------|----------|
| 1  | Dimmer Led-1  | 000 - 255 | 0 - 100% |
| 2  | Dimmer Led-2  | 000 - 255 | 0 - 100% |
| 3  | Dimmer Led-3  | 000 - 255 | 0 - 100% |
| 4  | Dimmer Led-4  | 000 - 255 | 0 - 100% |
| 5  | Dimmer Led-5  | 000 - 255 | 0 - 100% |
| 6  | Dimmer Led-6  | 000 - 255 | 0 - 100% |
| 7  | Dimmer Led-7  | 000 - 255 | 0 - 100% |
| 8  | Dimmer Led-8  | 000 - 255 | 0 - 100% |
| 9  | Dimmer Led-9  | 000 - 255 | 0 - 100% |
| 10 | Dimmer Led-10 | 000 - 255 | 0 - 100% |

## 17 CHANNELS MODE

the Tungsten curve and the speed of the dimmer are defined by the menu

|         |                          |           |                                       |
|---------|--------------------------|-----------|---------------------------------------|
| 1       | Master Dimmer            | 000 - 255 | 0 - 100%                              |
| 2       | Dimmer Led-1             | 000 - 255 | 0 - 100%                              |
| 3       | Dimmer Led-2             | 000 - 255 | 0 - 100%                              |
| 4       | Dimmer Led-3             | 000 - 255 | 0 - 100%                              |
| 5       | Dimmer Led-4             | 000 - 255 | 0 - 100%                              |
| 6       | Dimmer Led-5             | 000 - 255 | 0 - 100%                              |
| 7       | Dimmer Led-6             | 000 - 255 | 0 - 100%                              |
| 8       | Dimmer Led-7             | 000 - 255 | 0 - 100%                              |
| 9       | Dimmer Led-8             | 000 - 255 | 0 - 100%                              |
| 10      | Dimmer Led-9             | 000 - 255 | 0 - 100%                              |
| 11      | Dimmer Led-10            | 000 - 255 | 0 - 100%                              |
| 12      | Duration                 | 000 - 255 | 0 - 100%                              |
| 13      | Strobe                   | 000 - 005 | Shutter open                          |
|         |                          | 006-010   | Shutter close                         |
|         |                          | 011 - 092 | Regular from slow to fast             |
|         |                          | 093 - 174 | Random from slow to fast              |
|         |                          | 175 -250  | Random synchronized from slow to fast |
|         |                          | 251-255   | Shutter open Fast dimmer disabled     |
|         |                          |           | (Note 1)                              |
| 14      | Pattern                  | 000-255   | Pattern 1-81                          |
| 15      | Flow Effect              | 000-010   | idle                                  |
|         |                          | 011 -014  | P1 with fade                          |
|         |                          | 015 - 017 | P1 Instant                            |
|         |                          | 018 - 021 | P2 with fade                          |
|         |                          | 022 - 024 | P2 Instant                            |
|         |                          | 025 - 028 | P3 with fade                          |
|         |                          | 029 - 031 | P3 Instant                            |
|         |                          | 032 - 035 | P4 with fade                          |
|         |                          | .../...   | etc.....                              |
|         |                          | 249-252   | P37 Random Pixel fade                 |
| 253-255 | P37 Random Pixel instant |           |                                       |
|         |                          |           | (Note 2)                              |
| 16      | Effect Speed             | 000-255   | From slow to fast                     |
| 17      | Leds mode                | 000 - 009 | Defined by menu                       |
|         |                          | 010 - 034 | Tungsten 1                            |
|         |                          | 035 - 059 | Tungsten 2                            |
|         |                          | 060 - 084 | Tungsten 3                            |
|         |                          | 085 - 109 | Tungsten 4                            |
|         |                          | 110 - 134 | Tungsten 5                            |
|         |                          | 135 - 159 | Only White LEDs                       |
|         |                          | 160 - 184 | Only Amber LEDs                       |
|         |                          | 185 - 234 | Idle                                  |
|         |                          | 235 - 244 | Led direction 1 < 10 (hold 3sec)      |
|         |                          | 245 - 255 | Led direction 10 > 1 (hold 3sec)      |
|         |                          |           | (note 4)                              |

## 18 CHANNELS MODE

|    |               |           |          |
|----|---------------|-----------|----------|
| 1  | Master Dimmer | 000 - 255 | 0 - 100% |
| 2  | Dimmer Led-1  | 000 - 255 | 0 - 100% |
| 3  | Dimmer Led-2  | 000 - 255 | 0 - 100% |
| 4  | Dimmer Led-3  | 000 - 255 | 0 - 100% |
| 5  | Dimmer Led-4  | 000 - 255 | 0 - 100% |
| 6  | Dimmer Led-5  | 000 - 255 | 0 - 100% |
| 7  | Dimmer Led-6  | 000 - 255 | 0 - 100% |
| 8  | Dimmer Led-7  | 000 - 255 | 0 - 100% |
| 9  | Dimmer Led-8  | 000 - 255 | 0 - 100% |
| 10 | Dimmer Led-9  | 000 - 255 | 0 - 100% |
| 11 | Dimmer Led-10 | 000 - 255 | 0 - 100% |
| 12 | Duration      | 000 - 255 | 0 - 100% |

|    |              |           |                                       |          |
|----|--------------|-----------|---------------------------------------|----------|
| 13 | Strobe       | 000 - 005 | Shutter open                          |          |
|    |              | 006-010   | Shutter close                         |          |
|    |              | 011 - 092 | Regular from slow to fast             |          |
|    |              | 093 - 174 | Random from slow to fast              |          |
|    |              | 175 -250  | Random synchronized from slow to fast |          |
|    |              | 251-255   | Shutter open Fast dimmer disabled     |          |
| 14 | Pattern      | 000-255   | Pattern 1-81                          | (Note 1) |
| 15 | Flow Effect  | 000-010   | Idle                                  |          |
|    |              | 011 -014  | P1 with fade                          |          |
|    |              | 015 - 017 | P1 Instant                            |          |
|    |              | 018 - 021 | P2 with fade                          |          |
|    |              | 022 - 024 | P2 Instant                            |          |
|    |              | 025 - 028 | P3 with fade                          |          |
|    |              | 029 - 031 | P3 Instant                            |          |
|    |              | 032 - 035 | P4 with fade                          |          |
|    |              | .../...   | etc.....                              |          |
| 16 | Effect Speed | 000-255   | From slow to fast                     |          |
|    |              | 249-252   | P37 Random Pixel with fade            |          |
| 17 | Leds mode    | 000 - 009 | Defined by menu                       |          |
|    |              | 010 - 034 | Tungsten 1                            |          |
|    |              | 035 - 059 | Tungsten 2                            |          |
|    |              | 060 - 084 | Tungsten 3                            |          |
|    |              | 085 - 109 | Tungsten 4                            |          |
|    |              | 110 - 134 | Tungsten 5                            |          |
|    |              | 135 - 159 | Only White LEDs                       |          |
|    |              | 160 - 184 | Only Amber LEDs                       |          |
|    |              | 185 - 234 | Idle                                  |          |
|    |              | 235 - 244 | Led direction 1 < 10 (hold 3sec)      |          |
|    |              | 245 - 255 | Led direction 10 > 1 (hold 3sec)      |          |
| 18 | Dimmer speed | 000-009   | Defined by menu                       |          |
|    |              | 010 - 019 | Dim 0                                 |          |
|    |              | 020-029   | Dim 1                                 |          |
|    |              | 030-039   | Dim 2                                 |          |
|    |              | 040-049   | Dim 3                                 |          |
|    |              | 050-059   | Dim 4                                 |          |
|    |              | 060-255   | Fade 0 to 10sec (Note 3)              |          |
|    |              |           |                                       |          |

## 20 CHANNELS PIXEL MODE

the Tungsten curve and the speed of the dimmer are defined by the menu

|    |                     |           |          |
|----|---------------------|-----------|----------|
| 1  | Dimmer Led-1 White  | 000 - 255 | 0 - 100% |
| 2  | Dimmer Led-1 Amber  | 000 - 255 | 0 - 100% |
| 3  | Dimmer Led-2 White  | 000 - 255 | 0 - 100% |
| 4  | Dimmer Led-2 Amber  | 000 - 255 | 0 - 100% |
| 5  | Dimmer Led-3 White  | 000 - 255 | 0 - 100% |
| 6  | Dimmer Led-3 Amber  | 000 - 255 | 0 - 100% |
| 7  | Dimmer Led-4 White  | 000 - 255 | 0 - 100% |
| 8  | Dimmer Led-4 Amber  | 000 - 255 | 0 - 100% |
| 9  | Dimmer Led-5 White  | 000 - 255 | 0 - 100% |
| 10 | Dimmer Led-5 Amber  | 000 - 255 | 0 - 100% |
| 11 | Dimmer Led-6 White  | 000 - 255 | 0 - 100% |
| 12 | Dimmer Led-6 Amber  | 000 - 255 | 0 - 100% |
| 13 | Dimmer Led-7 White  | 000 - 255 | 0 - 100% |
| 14 | Dimmer Led-7 Amber  | 000 - 255 | 0 - 100% |
| 15 | Dimmer Led-8 White  | 000 - 255 | 0 - 100% |
| 16 | Dimmer Led-8 Amber  | 000 - 255 | 0 - 100% |
| 17 | Dimmer Led-9 White  | 000 - 255 | 0 - 100% |
| 18 | Dimmer Led-9 Amber  | 000 - 255 | 0 - 100% |
| 19 | Dimmer Led-10 White | 000 - 255 | 0 - 100% |
| 20 | Dimmer Led-10 Amber | 000 - 255 | 0 - 100% |

## MODE 25 CANAUX

|           |  |           |   |
|-----------|--|-----------|---|
| 1         | Master Dimmer                              | 000 - 255 | 0 - 100%                                |
| 2         | Dimmer Led-1 White                         | 000 - 255 | 0 - 100%                                |
| 3         | Dimmer Led-1 Amber                         | 000 - 255 | 0 - 100%                                |
| 4         | Dimmer Led-2 White                         | 000 - 255 | 0 - 100%                                |
| 5         | Dimmer Led-2 Amber                         | 000 - 255 | 0 - 100%                                |
| 6         | Dimmer Led-3 White                         | 000 - 255 | 0 - 100%                                |
| 7         | Dimmer Led-3 Amber                         | 000 - 255 | 0 - 100%                                |
| 8         | Dimmer Led-4 White                         | 000 - 255 | 0 - 100%                                |
| 9         | Dimmer Led-4 Amber                         | 000 - 255 | 0 - 100%                                |
| 10        | Dimmer Led-5 White                         | 000 - 255 | 0 - 100%                                |
| 11        | Dimmer Led-5 Amber                         | 000 - 255 | 0 - 100%                                |
| 12        | Dimmer Led-6 White                         | 000 - 255 | 0 - 100%                                |
| 13        | Dimmer Led-6 Amber                         | 000 - 255 | 0 - 100%                                |
| 14        | Dimmer Led-7 White                         | 000 - 255 | 0 - 100%                                |
| 15        | Dimmer Led-7 Amber                         | 000 - 255 | 0 - 100%                                |
| 16        | Dimmer Led-8 White                         | 000 - 255 | 0 - 100%                                |
| 17        | Dimmer Led-8 Amber                         | 000 - 255 | 0 - 100%                                |
| 18        | Dimmer Led-9 White                         | 000 - 255 | 0 - 100%                                |
| 19        | Dimmer Led-9 Amber                         | 000 - 255 | 0 - 100%                                |
| 20        | Dimmer Led-10 White                        | 000 - 255 | 0 - 100%                                |
| 21        | Dimmer Led-10 Amber                        | 000 - 255 | 0 - 100%                                |
| 22        | Duration                                   | 000 - 255 | 0 - 100%                                |
| 23        | Strobe                                     | 000 - 005 | Shutter open                            |
|           |  | 006 - 010 | Shutter close                           |
|           |  | 011 - 092 | Regular from slow to fast               |
|           |  | 093 - 174 | Random from slow to fast                |
|           |  | 175 -250  | Random synchronized from slow to fast   |
| 251 - 255 | Shutter open Fast dimmer disabled (Note 1) |           |   |
| 24        | Leds mode                                  | 001 - 030 | Separate White / Amber Control          |
|           |  | 031 - 060 | Tungsten 1                              |
|           |  | 061 - 090 | Tungsten 2                              |
|           |  | 091 - 120 | Tungsten 3                              |
|           |  | 121 - 150 | Tungsten 4                              |
|           |  | 151 - 180 | Tungsten 5                              |
|           |  | 181 - 234 | Idle                                    |
|           |  | 235 - 244 | Led direction 1<10 (hold 3sec) (note 4) |
| 245 - 255 | Led direction 10>1 (hold 3sec) (note 4)    |           |   |
| 25        | Dimmer speed                               | 000-009   | Defined by menu                         |
|           |  | 010 - 019 | Dim 0                                   |
|           |  | 020-029   | Dim 1                                   |
|           |  | 030-039   | Dim 2                                   |
|           |  | 040-049   | Dim 3                                   |
|           |  | 050-059   | Dim 4                                   |
| 060-255   | Fade 0 to 10sec (Note 3)                   |           |   |

## 27 CHANNELS PIXEL MODE

the Tungsten curve and the speed of the dimmer are defined by the menu

|           |                                   |           |  |
|-----------|-----------------------------------|-----------|--|
| 1         | Master Dimmer                     | 000 - 255 | 0 - 100%                                   |
| 2         | Dimmer Led-1 White                | 000 - 255 | 0 - 100%                                   |
| 3         | Dimmer Led-1 Amber                | 000 - 255 | 0 - 100%                                   |
| 4         | Dimmer Led-2 White                | 000 - 255 | 0 - 100%                                   |
| 5         | Dimmer Led-2 Amber                | 000 - 255 | 0 - 100%                                   |
| 6         | Dimmer Led-3 White                | 000 - 255 | 0 - 100%                                   |
| 7         | Dimmer Led-3 Amber                | 000 - 255 | 0 - 100%                                   |
| 8         | Dimmer Led-4 White                | 000 - 255 | 0 - 100%                                   |
| 9         | Dimmer Led-4 Amber                | 000 - 255 | 0 - 100%                                   |
| 10        | Dimmer Led-5 White                | 000 - 255 | 0 - 100%                                   |
| 11        | Dimmer Led-5 Amber                | 000 - 255 | 0 - 100%                                   |
| 12        | Dimmer Led-6 White                | 000 - 255 | 0 - 100%                                   |
| 13        | Dimmer Led-6 Amber                | 000 - 255 | 0 - 100%                                   |
| 14        | Dimmer Led-7 White                | 000 - 255 | 0 - 100%                                   |
| 15        | Dimmer Led-7 Amber                | 000 - 255 | 0 - 100%                                   |
| 16        | Dimmer Led-8 White                | 000 - 255 | 0 - 100%                                   |
| 17        | Dimmer Led-8 Amber                | 000 - 255 | 0 - 100%                                   |
| 18        | Dimmer Led-9 White                | 000 - 255 | 0 - 100%                                   |
| 19        | Dimmer Led-9 Amber                | 000 - 255 | 0 - 100%                                   |
| 20        | Dimmer Led-10 White               | 000 - 255 | 0 - 100%                                   |
| 21        | Dimmer Led-10 Amber               | 000 - 255 | 0 - 100%                                   |
| 22        | Duration                          | 000 - 255 | 0 - 100%                                   |
| 23        | Strobe                            | 000 - 005 | Shutter open                               |
|           |                                   | 006 - 010 | Shutter close                              |
|           |                                   | 011 - 092 | Regular from slow to fast                  |
|           |                                   | 093 - 174 | Random from slow to fast                   |
|           |                                   | 175 - 250 | Random synchronized from slow to fast      |
|           |                                   | 251 - 255 | Shutter open Fast dimmer disabled (Note 1) |
| 24        | Pattern                           | 000 - 255 | Pattern 1-81                               |
| 25        | Flow Effect                       | 000 - 010 | Effect Off                                 |
|           |                                   | 011 - 014 | P1 with fade                               |
|           |                                   | 015 - 017 | P1 Instant                                 |
|           |                                   | 018 - 021 | P2 with fade                               |
|           |                                   | 022 - 024 | P2 Instant                                 |
|           |                                   | 025 - 028 | P3 with fade                               |
|           |                                   | 029 - 031 | P3 Instant                                 |
|           |                                   | 032 - 035 | P4 with fade                               |
|           |                                   | .../...   | etc.....                                   |
|           |                                   | 249 - 252 | P37 Random Pixel with fade (Note 2)        |
| 253 - 255 | P37 Random Pixel Instant (Note 2) |           |  |
| 26        | Effect Speed                      | 000 - 255 | From slow to fast                          |
| 27        | Leds mode                         | 001 - 030 | Separate White / Amber Control             |
|           |                                   | 031 - 060 | Tungsten 1                                 |
|           |                                   | 061 - 090 | Tungsten 2                                 |
|           |                                   | 091 - 120 | Tungsten 3                                 |
|           |                                   | 121 - 150 | Tungsten 4                                 |
|           |                                   | 151 - 180 | Tungsten 5                                 |
|           |                                   | 181 - 234 | No effect                                  |
|           |                                   | 235 - 244 | Led direction 1 < 10 (hold 3sec) (note 4)  |
|           |                                   | 245 - 255 | Led direction 10 > 1 (hold 3sec) (note 4)  |



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