

Part 1. LED sources / PCB board

| Power | Type | White | Tunable White | RGBW | 6C | 8C |
|-------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 50W | Fresnel, PC, Profile | COB Scheda PCB 1 | | | | |
| 100W | Fresnel, PC, Profile | COB Scheda PCB 1 | | | | |
| 200W | Fresnel, PC, Profile | COB Scheda PCB 1 | ARRAY Scheda PCB 2 | ARRAY Scheda PCB 2 | ARRAY Scheda PCB 2 | |
| 300W | Fresnel, PC, Profile, Followspot | ARRAY Scheda PCB 2 | ARRAY Scheda PCB 2 | ARRAY Scheda PCB 2 | ARRAY Scheda PCB 2 | |
| | Cyclorama | | | ARRAY Scheda PCB 2 | | |
| 700W | Fresnel, PC, Profile, Followspot | ARRAY Scheda PCB 2 | ARRAY Scheda PCB 2 | | | ARRAY Scheda PCB 2 |

Part 2. Firmware / User manuals / DMX charts

| Power | Type | | White (1) | Tunable White (2) | RGBW (3) | 6C (4) | 8C (5) |
|-------------|----------------------------------|-----------------|--|--|--|--|-----------|
| 50W | Fresnel, PC, Profile | A | V 1.09 User manual 1A DMX chart 1° | | | | |
| 100W | Fresnel, PC, Profile | | V 1.09 User manual 1A DMX chart 1° | | | | |
| 200W | Fresnel, PC, Profile | | V 1.09 User manual 1A DMX chart 1° | V 1.06 User manual 2 DMX chart 2 | V 1.01 User manual 3 DMX chart 3 | V 1.22 User manual 4 DMX chart 4 | |
| 300W | Fresnel, PC, Profile, Followspot | B (WIRELESS) | V 1.03 User manual 1B DMX chart 1B | V 1.06 User manual 2 DMX chart 2 | V 1.01 User manual 3 DMX chart 3 | V 1.22 User manual 4 DMX chart 4 | |
| | Cyclorama | | | | V 1.01 User manual 3 DMX chart 3 | | |
| 700W | Fresnel, PC, Profile, Followspot | | V 1.03 User manual 1B DMX chart 1B | V 1.06 User manual 2 DMX chart 2 | | | ? |
| | | | | | | | |
| STAND ALONE | | | | | | | |

Part 3. Safety instruction

This manual contains all the safety information required for the appropriate use of the fixture. It shall be carefully read it and stored for future requirements.

Spotlight sc will not be responsible for any damage to the fixture itself, to other objects or people due to improper installation or use of the fixture either than hereinafter specified.




Additionally, you are required to download the User Manual from www.spotlight.it for a comprehensive knowledge al each and all functions.

UNPACKING

Remove the fixture from its package and make sure no damage incurred during transport. In the event of damages, a report or claim shall be issued to the transport agent and the seller to start the repair or replacement process.

PRINTED NOTES ON THE FIXTURES

A label of the fixture' side displays the following information:

- Model part number
- Mains a.c.~ voltage (V)
- Power (W)
- Frequency (Hz)
- Protection rate (IP 20)
- ta max: maximum ambient temperature allowed (°C)
- t max: external surface temperature at thermal regime (°C)
-X m minimum recommended distance between the fixture and the lighted object (m)
-  **Risk Group 2**, in compliance with EN62471. Do not face directly the light source as it might damage your eyesight.
-  **Photo-Biological safety**: do not stare at the light source while functioning
-  **Dispose of waste**: in compliance to 2012/19/EU, this fixture shall be disposed according to proper waste-class regulation

INSTALLATION

- This fixture is designed only for professional use, not for domestic use or handling
- This fixture can be either hung from top or fitted onto a tripod
- Make sure the hanging point is safe and stable. Additionally add a safety rope if required by local safety regulation
- Do not focus the light beam straight onto somebody's eyes

ELECTRICAL CONNECTION

Electrical wiring, plugging and cabling shall be made by professional or qualified technicians. Before and during installation, attend to the following procedures:

- Check that Mains Voltage and Frequency comply with what printed on the fixture's label
- Always check the Mains line is properly grounded
- Check the working power of the fixture, as printed on its label, to prevent from line overload
- This fixtures is foreseen for indoor use: it shall be protected from rain and humidity if used under different conditions (IP 20)

MAINTENANCE

Do not open the fixture before disconnecting from the mains: an electrical shock might occur. A complete inspection shall be made once a year to check the electrical and mechanical parts' integrity and the software upgrades. Repairs shall be made by the manufacturer only or its appointed after-sale service center. After cleaning, the lenses shall be re-assembled and, if scratched or ruined, they shall be replaced with original parts.

COMPLIANCE

This products complies with the European Directives:


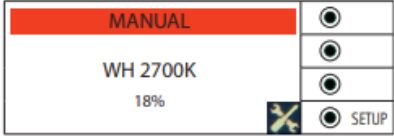
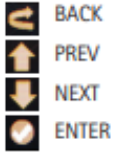
- 2014/35/EU: Safety on Low Voltage Directive LVD
- 2014/30/EU: Electromagnetic Compatibility EMC
- 2011/65/EU: Restriction of Hazardous Substances Directive RoHS



Part 6. User manual Tunable White

MENU

When switched on, the installed software version is displayed, followed by the display of the default settings, ie the currently set operating mode.

| | |
|--|---|
| <p>If the luminaire is DMX controlled, after 3 seconds the display will show the mode and DMX address</p> |  |
| <p>Otherwise it will show the potentiometers status</p> |  |
| <p>By pressing the SETUP button you access the menu setup.</p> <p>With the PREV and NEXT buttons you can scroll the items list which in case of value type entries will have the function of increasing (+) or decreasing (-) the values.</p> <p>The ENTER button allows to access the submenu and change the values which can be confirmed by pressing ENTER or canceled with the BACK button, which can be used also to exit the submenu and go back to the main menu.</p> |  |

OPERATING MODE

All the luminaires are designed to be used in different operating modes:

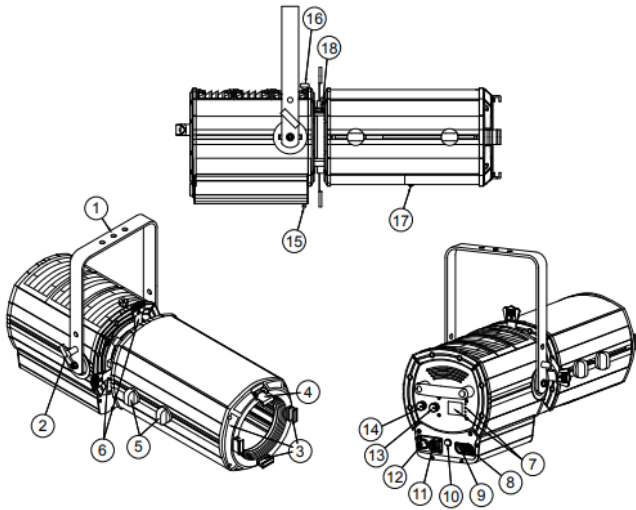
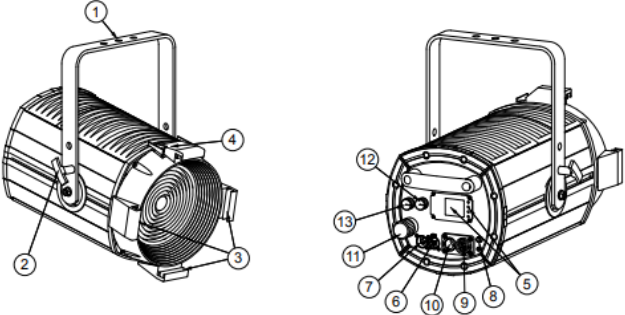
- LOCAL POTENTIOMETER
- DMX (Wireless optional)
- RDM

All the fixtures are equipped with a temperature control of the LED and of the driver motherboard, which, to avoid an early deterioration in case of overtemperature, regulates the light intensity

Input priority is given:

- in absence of the DMX signal, the value set with the potentiometer will be active
- when there is the DMX signal the relevant signal is followed and the potentiometer will be ignored
- if the DMX signal is eliminated or lost, the DMX set level is kept until you act on the potentiometer, which will set the new value

HARDWARE

| | |
|---|--|
|  | <ul style="list-style-type: none"> ① Suspension yoke ② Handle for tilt regulation ③ Accessory guides ④ Accessory locking and releasing guide ⑤ Handles for lens adjustment: focus and zoom ⑥ Levers for framing shutters adjustment ⑦ Display and menu buttons ⑧ DMX THRU connector ⑨ DMX IN connector ⑩ Fuse ⑪ Power OUT (Powercon connector) ⑫ Power IN (Powercon connector) ⑬ CCT / Colour Wheel adjustment knob (in Local Potentiometer mode) ⑭ Light intensity adjustment knob (in Local Potentiometer mode) ⑮ Screw for front housing removal ⑯ Front housing rotation stop knob ⑰ Front housing access door screw for lenses cleaning ⑱ Gobo slot sliding cover |
|  | <ul style="list-style-type: none"> ① Suspension yoke ② Handle for tilt regulation ③ Accessory guides ④ Accessory locking and releasing guide ⑤ Display and menu buttons ⑥ DMX THRU connector ⑦ DMX IN connector ⑧ Fuse ⑨ Power OUT (Powercon connector) ⑩ Power IN (Powercon connector) ⑪ Zoom adjustment knob ⑫ CCT / Colour Wheel adjustment knob (in Local Potentiometer mode) ⑬ Light intensity adjustment knob (in Local Potentiometer mode) |

You can adjust the light intensity using the potentiometer "DIMMER" and choose the colour temperature through the potentiometer "CCT" according to the following tables:

- 2700 K
- 3000 K
- 3200 K
- 3500 K
- 4000 K
- 5600 K
- 6500 K

SETTINGS

| Voce | | | Valori | Description | |
|--------------|---------------------------------|------------|--|---|---------------------------------------|
| DMX SETTINGS | DMX ADDRESS | | 1 (default) ... xxx | Dmx address NOTE: The max value depends on the personality | |
| | DMX PERSONALITY | | See related table | | |
| | WIRELESS DMX | ACTIVATION | | ON OFF (default) | Switch ON/OFF the wireless DMX module |
| UNLINK | | | Enter to unlink Esc to exit | To unlink the fixture from the wireless dmx transmitter | |
| OPTIONS | LED DELAY | | OFF 30 ms 60 ms 120 ms (default) ... 200 ms | Delay time on LED output. This parameter is ignored when you select a personality containing the "DELAY" channel | |
| | DIMMING CURVE | | LINEAR QUADRATIC (default) HALO | Gamma correction | |
| | OUTPUT FREQUENCY | | 500 Hz 800 Hz 1000 Hz (default) 1500 Hz 3000 Hz 5000 Hz 10000 Hz 15000 Hz 20000 Hz | PWM LED frequency | |
| | LED BOOST | | ON OFF (default) | Set the maximum (ON) or nominal (OFF) current value. The absolute values can be set in the Factory menu. When confirmed the luminaire switches off for 1 second. The Boost function allows about a 20% increase in light output, but it is exclusively compatible with the FAN MODE function setting in AUTO mode | |
| | FAN MODE | | AUTO (default) STANDARD SILENT | AUTO: the fans are automatically adjusted based on the LED temperature. STANDARD: the fans are always kept at the default value. SILENT: the fans are always kept at the minimum value. NOTE: For some dmx modes this value is ignored. | |
| | DISPLAY ROTATION | | STANDARD (default) ROTATED | 180° rotation of the display. Standard = keys to the right of the display | |
| | DISPALY STANDBY | | ON OFF (default) | By selecting ON the display turns off automatically after 60 secs of inactivity | |
| | LED CALIBRATION | WW1 calib. | | 0..255 (default) | |
| | | WW2 calib. | | 0..255 (default) | |
| | | CW1 calib. | | 0..255 (default) | |
| | | CW2 calib. | | 0..255 (default) | |
| | DEFAULT SETTINGS | | | It sets the default for all the user parameters | |
| | FACTORY SETTINGS | | | Factory default setting NOTE: Not for final users | |
| INFO | LED TEMPERATURE | | °C | LED temperature | |
| | WARM WHITE TIME | | hr - min | Warm LED life hours | |
| | COLD WHITE TIME | | hr - min | Cold LED life hours | |
| | UNIT TIME | | hr - min | Unit operation time | |
| | SOFTWARE VERSION | | V. Release date | | |

DMX PERSONALITIES (DMX CHART 2)

A. EASY – 2ch / 8BIT

| | Function | DMX value | Description |
|------|------------|-------------------|----------------------------|
| 1 ch | DIMMER | 0..255 | from OFF (0) to full (255) |
| 2 ch | CCT LINEAR | See related table | |

B. SPLIT – 5ch / 8BIT

| | Function | DMX value | Description |
|------|----------------|-------------------|----------------------------|
| 1 ch | DIMMER | 0..255 | GM - GENERAL MASTER |
| 2 ch | WARM WHITE | 0..255 | from OFF (0) to full (255) |
| 3 ch | COLD WHITE | 0..255 | from OFF (0) to full (255) |
| 4 ch | STROBO & STORE | See related table | |
| 5 ch | SERVICE | See related table | |

C. STUDIO – 9ch / 16 BIT

| | Function | DMX value | Description |
|----------|---|-------------------|----------------------------|
| 1 ch | DIMMER | 0..255 | from OFF (0) to full (255) |
| 2 ch | DIMMER FINE | 0..255 | from OFF (0) to full (255) |
| 3 ch | CCT PRESET | See related table | |
| 4 ch | WW +/- correzione live del CCT STEP selezionato (= "zero point") | 0..15 | OFF |
| | | 6..111 | from minimum to standard |
| | | 112..144 | CCT STEP |
| | | 145..239 | from standard to maximum |
| 5 ch | CW +/- correzione live del CCT STEP selezionato (= "zero point") | 0..15 | OFF |
| | | 6..111 | from minimum to standard |
| | | 112..144 | CCT STEP |
| | | 145..239 | from standard to maximum |
| 240..255 | OFF | | |
| 6 ch | DELAY | See related table | |
| 7 ch | FAN | 0..255 | from minimum to maximum |
| 8 ch | STROBO & STORE | See related table | |
| 9 ch | SERVICE | See related table | |

D. SPLIT – 10ch / 16BIT

| | Function | DMX value | Description |
|-------|-----------------|-------------------|----------------------------|
| 1 ch | DIMMER | 0..255 | from OFF (0) to full (255) |
| 2 ch | DIMMER FINE | 0..255 | from OFF (0) to full (255) |
| 3 ch | WARM WHITE | 0..255 | from OFF (0) to full (255) |
| 4 ch | WARM WHITE FINE | 0..255 | from OFF (0) to full (255) |
| 5 ch | COLD WHITE | 0..255 | from OFF (0) to full (255) |
| 6 ch | COLD WHITE FINE | 0..255 | from OFF (0) to full (255) |
| 7 ch | DELAY | See related table | |
| 8 ch | FAN | 0..255 | from minimum to maximum |
| 9 ch | STROBO & STORE | See related table | |
| 10 ch | SERVICE | See related table | |

E. THEATRE FULL – 7ch / 16BIT

| | Function | DMX value | Description |
|------|----------------|-------------------|----------------------------|
| 1 ch | DIMMER | 0..255 | from OFF (0) to full (255) |
| 2 ch | DIMMER FINE | 0..255 | from OFF (0) to full (255) |
| 3 ch | CCT LINEAR | See related table | |
| 4 ch | DELAY | See related table | |
| 5 ch | FAN | 0..255 | from minimum to maximum |
| 6 ch | STROBO & STORE | See related table | |
| 7 ch | SERVICE | See related table | |

Part 10. Related tables

SERVICE CHANNEL

Permette di modificare tutte le opzioni da remote (console) che normalmente si impostano manualmente dal menu OPTIONS del faro

È una sorta di RDM di Spotlight che non necessita una console RDM

Service - Saving mode of a setup (EXCLUDING COLOUR CALIBRATION)

1. Select the setup you wish to perform through the SERVICE channel
2. Move the ADVANCED STROBE channel to the SERVICE channel - the luminaire switches on at FULL WHITE
3. Keep on hold for 5 secs. Three flashes confirm that the operation was completed

SERVICE - COLOUR CALIBRATION saving mode (the COLOUR CALIBRATION is available only for the dmx FULL 16bit mode)

1. Set the first 4 DMX channels on the desired calibration values WW1, WW2, CW1, CW2
2. Select the COLOUR CALIBRATION range (192..197) on the SERVICE channel
3. Move the ADVANCED STROBE channel in the SERVICE range (231..240); the luminaire switches on at the calibration values set on channels 1..4
4. Keep on hold for 5 secs. Three flashes confirm that the operation was completed.

When the dmx channel SERVICE is in the COLOUR CALIBRATION area and the dmx ADVANCED STROBE channel is in the SERVICE range the luminaire switches on at the calibration values set in channels 1..4: during this phase it is possible to adjust these calibration values; it will be then enough to move the dmx ADVANCED STROBE channel out of the SERVICE 2 value range, and then take it back to that range and wait for 5 seconds to have the calibration values saved. The operation will be confirmed by three flashes of the luminaire.

| | | |
|---|--|---|
| <p>SERVICE --> non live, remozione delle OPTIONS del display sulla console</p> | 0..5 | OFF |
| | 6..11 | LED DELAY OFF |
| | 12..17 | LED DELAY 50 ms |
| | 18..23 | LED DELAY 100 ms |
| | 24..29 | LED DELAY 240 ms |
| | 30..35 | LED DELAY 400 ms |
| | 36..41 | LED DELAY 600 ms |
| | 42..47 | LED DELAY 800 ms |
| | 48..53 | LED DELAY 1000 ms (default) |
| | 54..59 | LED DELAY 1200 ms |
| | 60..65 | LED DELAY 1600 ms |
| | 66..71 | LED DELAY 2000 ms |
| | 72..77 | CURVE LINEAR |
| | 78..83 | CURVE QUADRATIC |
| | 84..89 | CURVE HALO (default) |
| | 90..95 | FREQUENCY 500 Hz |
| | 96..101 | FREQUENCY 800 Hz |
| | 102..107 | FREQUENCY 1000 Hz (default) |
| | 108..113 | FREQUENCY 1500 Hz |
| | 114..119 | FREQUENCY 3000 Hz |
| | 120..125 | FREQUENCY 5000 Hz |
| | 126..131 | FREQUENCY 10000 Hz |
| | 132..137 | FREQUENCY 15000 Hz |
| | 138..143 | FREQUENCY 20000 Hz |
| | 144..149 | LED BOOST ON <i>(only in combination with FAN MODE AUTO)</i> |
| 150..155 | LED BOOST OFF (default) | |
| 156..161 | FAN MODE AUTO <i>(regola la velocità in base alla temperatura del LED e della scheda)</i> | |
| 162..167 | FAN MODE STANDARD | |
| 168..173 | FAN MODE SILENT | |
| 174..179 | DISPLAY STANDARD | |
| 180..185 | DISPLAY ROTATED | |
| 186..191 | DISPLAY OFF <i>goes OFF after 10s</i> | |
| 192..197 | DISPLAY ON <i>display always ON</i> | |
| 198..203 | COLOUR CALIBRATION | |
| 204..209 | DEFAULT SET | |
| 210..255 | OFF | |

| | | |
|-----------|---|--|
| SERVICE 1 | 0..5 | OFF |
| | 6..30 | SAVE CUSTOM PRESET 1 |
| | 31..55 | SAVE CUSTOM PRESET 2 |
| | 56..80 | SAVE CUSTOM PRESET 3 |
| | 81..105 | SAVE CUSTOM PRESET 4 |
| | 106..130 | SAVE CUSTOM PRESET 5 |
| | 131..155 | SAVE CUSTOM PRESET 6 |
| | 156..180 | SAVE CUSTOM PRESET 7 |
| | 181..205 | SAVE CUSTOM PRESET 8 |
| | 206..230 | SAVE CUSTOM PRESET 9 |
| 231..255 | SAVE CUSTOM PRESET 10 | |
| SERVICE 2 | 0..5 | OFF |
| | 6..11 | LED DELAY OFF |
| | 12..17 | LED DELAY 50 ms |
| | 18..23 | LED DELAY 100 ms |
| | 24..29 | LED DELAY 240 ms |
| | 30..35 | LED DELAY 400 ms |
| | 36..41 | LED DELAY 600 ms |
| | 42..47 | LED DELAY 800 ms |
| | 48..53 | LED DELAY 1000 ms (default) |
| | 54..59 | LED DELAY 1200 ms |
| | 60..65 | LED DELAY 1600 ms |
| | 66..71 | LED DELAY 2000 ms |
| | 72..77 | CURVE LINEAR |
| | 78..83 | CURVE QUADRATIC |
| | 84..89 | CURVE HALO (default) |
| | 90..95 | FREQUENCY 500 Hz |
| | 96..101 | FREQUENCY 800 Hz |
| | 102..107 | FREQUENCY 1000 Hz (default) |
| | 108..113 | FREQUENCY 1500 Hz |
| | 114..119 | FREQUENCY 3000 Hz |
| | 120..125 | FREQUENCY 5000 Hz |
| | 126..131 | FREQUENCY 10000 Hz |
| | 132..137 | FREQUENCY 15000 Hz |
| | 138..143 | FREQUENCY 20000 Hz |
| | 144..149 | LED BOOST ON <i>(only in combination with FAN MODE AUTO)</i> |
| | 150..155 | LED BOOST OFF (default) |
| | 156..161 | FAN MODE AUTO <i>regulated in relation to the LED Temperature (Default factory setting)</i> |
| 162..167 | FAN MODE STANDARD (always the same standard speed) | |
| 168..173 | FAN MODE SILENT (lightoutput temperature controlled) | |
| 174..179 | DISPLAY STANDARD (default) | |
| 180..185 | DISPLAY ROTATED | |
| 186..191 | DISPLAY OFF <i>goes OFF after 10s</i> | |
| 192..197 | DISPLAY ON <i>display always ON</i> | |
| 198..203 | COLOUR CALIBRATION (use the first 6 color channels of RGBACL, keep on hold SERVICE 2 for 5 sec. | |
| 204..209 | DEFAULT SET | |
| 210..255 | FREE | |

To store the desired fixture parameters: select manually the desired parameter in SERVICE --> enter in STROBE & STORE --> hold for 5 seconds a DMX value (226..230).

DELAY CHANNEL

| | | |
|----------|----------|---|
| DELAY | 0..45 | NO FUNCTION – The LED delay follows the set on the menu display |
| | 46..55 | 0 ms |
| | 56..65 | 30 ms |
| | 66..75 | 60 ms |
| | 76..85 | 90 ms |
| | 86..95 | 120 ms |
| | 96..105 | 150 ms |
| | 106..115 | 180 ms |
| | 116..125 | 210 ms |
| | 126..135 | 240 ms |
| | 136..145 | 270 ms |
| | 146..155 | 300 ms |
| | 156..165 | 330 ms |
| | 166..175 | 360 ms |
| | 176..185 | 390 ms |
| | 186..195 | 420 ms |
| | 196..205 | 450 ms |
| | 206..215 | 480 ms |
| | 216..225 | 510 ms |
| | 226..235 | 540 ms |
| 236..245 | 570 ms | |
| 246..255 | 600 ms | |

CCT CHANNEL

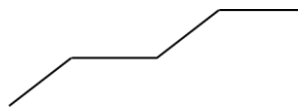
| CCT LINEAR (6C) | CCT STEP (6C) | |
|-----------------|---------------|------------------------|
| 0.. 0. | 5.. 7 | 1500 K |
| 1.. 7. | 8.. 11 | from 1500K to 1600K |
| 8.. 8. | 12.. 14 | 1600 K |
| 9.. 15 | 15.. 18 | from 1600K to 1700K |
| 16.. 16 | 19.. 21 | 1700 K |
| 17.. 23 | 22.. 25 | from 1700K to 1800K |
| 24.. 24 | 26.. 28 | 1800 K |
| 25.. 31 | 29.. 32 | from 1800K to 1900K |
| 32.. 32 | 33.. 35 | 1900 K |
| 33.. 39 | 36.. 39 | from 1900K to 2000K |
| 40.. 40 | 40.. 42 | 2000 K |
| 41.. 47 | 43.. 46 | from 2000K to 2100K |
| 48.. 48 | 47.. 49 | 2100 K |
| 49.. 55 | 50.. 53 | from 2100K to 2200K |
| 56.. 56 | 54.. 56 | 2200 K |
| 57.. 63 | 57.. 60 | from 2200K to 2300K |
| 64.. 64 | 61.. 63 | 2300 K |
| 65.. 71 | 64.. 67 | from 2300K to 2400K |
| 72.. 72 | 68.. 70 | 2400 K |
| 73.. 79 | 71.. 74 | from 2400K to 2500K |
| 80.. 80 | 75.. 77 | 2500 K |
| 81.. 86 | 78.. 81 | from 2500K to 2600K |
| 87.. 87 | 82.. 84 | 2600 K |
| 88.. 93 | 85.. 88 | from 2600K to 2700K |
| 94.. 94 | 89.. 91 | 2700 K |
| 95.. 100.. | 92.. 95 | from 2700K to 2800K |
| 101.. 101 | 96.. 98 | 2800 K |
| 102.. 107 | 99.. 102 | from 2800K to 2900K |
| 108.. 108 | 103.. 105 | 2900 K |
| 109.. 114 | 106.. 109 | from 2900K to 3000K |
| 115.. 115 | 110.. 112 | 3000 K |
| 116.. 121 | 113.. 116 | from 3000K to 3100K |
| 122.. 122 | 117.. 119 | 3100 K |
| 123.. 128 | 120.. 123 | from 3100K to 3200K |
| 129.. 129 | 124.. 126 | 3200 K |
| 130.. 135 | 127.. 130 | from 3200 K to 3300K |
| 136.. 136 | 131.. 133 | 3300 K |
| 137.. 142 | 134.. 137 | from 3300K to 3400K |
| 143.. 143 | 138.. 140 | 3400 K |
| 144.. 149 | 141.. 144 | from 3400K to 3500K |
| 150.. 150 | 145.. 147 | 3500 K |
| 151.. 156 | 148.. 151 | from 3500K to 4000K |
| 157.. 157 | 152.. 154 | 4000 K |
| 158.. 163 | 155.. 158 | from 4000K to 5000K |
| 164.. 164 | 159.. 161 | 5000 K |
| 165.. 170 | 162.. 165 | from 5000K to 5600K |
| 171.. 171 | 166.. 168 | 5600 K |
| 172.. 177 | 169.. 172 | from 5600K to 6000K |
| 178.. 178 | 173.. 175 | 6000 K |
| 179.. 184 | 176.. 179 | from 6000K to 6500K |
| 185.. 185 | 180.. 182 | 6500 K |
| 186.. 191 | 183.. 186 | from 6500K to 8000K |
| 192.. 192 | 187.. 189 | 8000 K |
| 193.. 198 | 190.. 193 | from 8000K to 10000K |
| 199.. 199 | 194.. 196 | 10000 K |
| 200.. 205 | 197.. 200 | from 10000K to 12000K |
| 206.. 206 | 201.. 203 | 12000 K |
| 207.. 212 | 204.. 207 | from 12000K to 14000K |
| 213.. 213 | 208.. 210 | 14000 K |
| 214.. 219 | 211.. 214 | from 14000K to 15000K |
| 220.. 220 | 215.. 217 | 15000 K |
| 221.. 226 | 218.. 221 | from 15000K to 16000K |
| 227.. 227 | 222.. 224 | 16000 K |
| 228.. 233 | 225.. 228 | from 16000K to 17000K |
| 234.. 234 | 229.. 231 | 17000 K |
| 235.. 240 | 232.. 235 | from 17000K to 180000K |
| 241.. 241 | 236.. 239 | 18000 K |
| 242.. 247 | 240.. 243 | from 18000K to 190000K |
| 248.. 248 | 244.. 247 | 19000 K |
| 249.. 254 | 248.. 251 | from 19000K to 20000K |
| 255.. 255 | 252.. 255 | 20000 K |

| CCT PRESET(6C) | |
|----------------|---------|
| 0..4 | NONE |
| 5.. 11 | 1500 K |
| 12.. 18 | 1600 K |
| 19.. 25 | 1700 K |
| 26.. 32 | 1800 K |
| 33.. 39 | 1900 K |
| 40.. 46 | 2000 K |
| 47.. 53 | 2100 K |
| 54.. 60 | 2200 K |
| 61.. 67 | 2300 K |
| 68.. 74 | 2400 K |
| 75.. 81 | 2500 K |
| 82.. 88 | 2600 K |
| 89.. 95 | 2700 K |
| 96.. 102 | 2800 K |
| 103.. 109 | 2900 K |
| 110.. 116 | 3000 K |
| 117.. 123 | 3100 K |
| 124.. 130 | 3200 K |
| 131.. 137 | 3300 K |
| 138.. 144 | 3400 K |
| 145.. 151 | 3500 K |
| 152.. 158 | 4000 K |
| 159.. 165 | 5000 K |
| 166.. 172 | 5600 K |
| 173.. 179 | 6000 K |
| 180.. 186 | 6500 K |
| 187.. 193 | 8000 K |
| 194.. 200 | 10000 K |
| 201.. 207 | 12000 K |
| 208.. 214 | 14000 K |
| 215.. 221 | 15000 K |
| 222.. 228 | 16000 K |
| 229.. 235 | 17000 K |
| 236.. 242 | 18000 K |
| 243.. 249 | 19000 K |
| 250.. 255 | 20000 K |

| CCT PRESET (RGBW) | |
|-------------------|--------|
| 0..15 | NONE |
| 16..45 | 2700 K |
| 46..75 | 3000 K |
| 76..105 | 3200 K |
| 106..135 | 3500 K |
| 136..165 | 4000 K |
| 166..195 | 5600 K |
| 196225 | 6500 K |
| 226..255 | 8000 K |

| CCT PRESET (TW) | |
|-----------------|--------|
| 0..35 | 2700 K |
| 36..70 | 3000 K |
| 71..105 | 3200 K |
| 106..140 | 3500 K |
| 141..175 | 4000 K |
| 176..210 | 5600 K |
| 211..225 | 6500 K |

| CCT LINEAR (TW) | |
|-----------------|---------------------|
| 0 | 2700 K |
| 1..41 | from 2700K to 3000K |
| 42 | 3000 K |
| 43..83 | from 3000K to 3200K |
| 84 | 3200 K |
| 85..125 | from 3200K to 3500K |
| 126 | 3500 K |
| 127..168 | from 3500K to 4000K |
| 169 | 4000 K |
| 170..211 | from 4000K to 5600K |
| 212 | 5600 K |
| 213..254 | from 5600K to 6500K |
| 255 | 6500 K |



STEP



LINEAR



PRESET

STROBE AND STORE CHANNEL

| | | | |
|----------------|--------|--|--|
| STROBE & STORE | STROBE | 0 1..150 151..200 | OFF from slow (3,86 s) to fast (30 ms) OFF |
| | STORE | 201..210 211..230 231..240 241..255 | FARO ON al colore impostato Abilitazione comando SERVICE 1 (impostazione di un custom preset, e attendere per 5 sec.) OFF FULL WHITE Abilitazione comando SERVICE 2 (impostazione di un parametro del faro, e attendere per 5 secondi). *Nelle modalità DMX in cui la funzione "SERVICE 2"-LED CALIBRATION" è prevista, se SERVICE 2 è impostato su "LED CALIBRATION", in questo intervallo di valori il faro è acceso con i valori di calibrazione impostati nei canali 1..4 OFF |

COLOUR CHANNEL

| | | |
|--|--|---|
| COLOUR PRESET | 0..35 | NONE |
| | 36..39 40..43 44..47 48..51 52..55 56..59 | RED GREEN BLUE CYAN YELLOW MAGENTA |
| | 60..63 64..67 68..71 74..75 76..79 80..83 84..87 88..91 92..95 96..99 100..103 104..107 108..111 112..115 116..119 120..123 124..127 128..131 132..135 136..139 140..143 144..147 148..151 152..155 156..159 160..163 164..167 168..171 172..175 176..179 180..183 184..187 188..191 192..195 196..199 200..203 204..207 208..211 212..215 | LEE 004 - MEDIUM BASTARD AMBER LEE 019 - FIRE LEE 026 - BRIGHT RED LEE 058 - LAVENDER LEE 068 - SKY BLUE LEE 071 - TOKYO BLUE LEE 101 - YELLOW LEE 102 - LIGHT AMBER LEE 103 - STRAW LEE 106 - PRIMARY RED LEE 111 - DARK PINK LEE 115 - PEACOCK BLUE LEE 116 - MEDIUM BLUE-GREEN LEE 117 - STEEL BLUE LEE 119 - DARK BLUE LEE 124 - DARK GREEN LEE 126 - MAUVE LEE 128 - BRIGHT PINK LEE 131 - MARINE BLUE LEE 132 - MEDIUM BLUE LEE 134 - GOLDEN AMBER LEE 136 - PALE LAVENDER LEE 138 - PALE GREEN LEE 147 - APRICOT LEE 154 - PALE ROSE LEE 158 - DEEP ORANGE LEE 165 - DAYLIGHT BLUE LEE 169 - LILAC TINT LEE 180 - DARK LAVENDER LEE 201 - FULL CT BLUE LEE 202 - HALF CT BLUE LEE 203 - QUARTER CT BLUE LEE 204 - FULL CT ORANGE LEE 205 - HALF CT ORANGE LEE 206 - QUARTER CT ORANGE LEE 247 - FILTER MINUS GREEN LEE 248 - HALF MINUS GREEN LEE 778 - MILLENIUM GOLD LEE 793 - VANITY FAIR |
| 216..219 220..223 224..227 228..231 232..235 236..239 240..243 244..247 248..251 252..255 | CUSTOM - PRESET 1 CUSTOM - PRESET 2 CUSTOM - PRESET 3 CUSTOM - PRESET 4 CUSTOM - PRESET 5 CUSTOM - PRESET 6 CUSTOM - PRESET 7 CUSTOM - PRESET 8 CUSTOM - PRESET 9 CUSTOM - PRESET 10 | |

Part 11. RDM (Remote Device Management)

Si tratta di uno standard internazionale uguale per tutti i fari (Spotlight + marchi concorrenti)

Per funzionare richiede necessariamente una console RDM

(ANSI E1.20 - 2010)

| Plasa/ESTA Denomination | Number of Channels |
|-----------------------------------|---|
| DEVICE_INFO | Reading of the following parameters: - RDM protocol version - Device Model ID - Product category - ID version sw - Number of DMX channels - DMX mode index - DMX address - Number of sub-devices - Number of sensors |
| IDENTIFY_DEVICE | LED power on - allowing fixture identification |
| DMX_START_ADDRESS | DMX address setting/reading |
| SOFTWARE_VERSION_LABEL | Text description version sw |
| SUPPORTED_PARAMETERS | List of supported parameters |
| DMX_PERSONALITY | DMX mode setting |
| DMX_PERSONALITY_DESCRIPTION | Obtaining textual description of DMX mode |
| DEVICE_MODEL_DESCRIPTION | Text description of the device model |
| MANUFACTURER_LABEL | Text description manufacturer |
| SENSOR_DEFINITION SENSOR_VALUE | Display of the values read by the temperature sensor, expressed in tenths of Celsius degree |