USER´S MANUAL
BEDIENUNGSANLEITUNG
MANUEL D`UTILISATION
MANUAL DE USUARIO
INSTRUKCJA OBSŁUGI
MANUALE D' USO

cameo®

Featuring

WIRELESS SOLUTION
MADE IN SWEDEN

GREEN SOLUTION

IR CONTROL

MASTER/SLAVE

MULTIPLE ANGLES

STAND ALONE MODE

SNAPMAG® TECHNOLOGY

LED TECHNOLOGY

W-DMX™

IP65

RGB W

iDMX® APP CONTROL

ETL LISTED Intertek

DMX 512

WIRELESS MASTER/SLAVE

RDM

ZENIT® W300
LED OUTDOOR WASHLIGHT
CLZW300

CONTENTS / INHALTSVERZEICHNIS / CONTENU / CONTENIDO / TREŚĆ / CONTENUTO

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YOU'VE MADE THE RIGHT CHOICE!
We have designed this product to operate reliably over many years. Please read this User's Manual carefully, so that you can begin making optimum use of your Cameo Light product quickly. Learn more about Cameo Light on our website WWW.**CAMEOLIGHT**.COM.

PREVENTIVE MEASURES

1. Please read these instructions carefully.
2. Keep all information and instructions in a safe place.
3. Follow the instructions.
4. Observe all safety warnings. Never remove safety warnings or other information from the equipment.
5. Use the equipment only in the intended manner and for the intended purpose.
6. Use only sufficiently stable and compatible stands and/or mounts (for fixed installations). Make certain that wall mounts are properly installed and secured. Make certain that the equipment is installed securely and cannot fall down.
7. During installation, observ e the applicable safety regulations for your country.
8. Never install and operate the equipment near radiators, heat registers, ovens or other sources of heat. Make certain that the equipment is always installed so that is cooled sufficiently and cannot overheat.
9. Never place sources of ignition, e.g., burning candles, on the equipment.
10. Ventilation slits must not be blocked.
11. Keep a minimum distance of 20 cm around and above the device.
12. Do not use this equipment in the immediate vicinity of water (does not apply to special outdoor equipment - in this case, observe the special instructions noted below. Do not expose this equipment to flammable materials, fluids or gases. Avoid direct sunlight!
13. Make certain that dripping or splashed water cannot enter the equipment. Do not place containers filled with liquids, such as vases or drinking vessels, on the equipment.
14. Make certain that objects cannot fall into the device.
15. Use this equipment only with the accessories recommended and intended by the manufacturer.
16. Do not open or modify this equipment.
17. After connecting the equipment, check all cables in order to prevent damage or accidents, e.g., due to tripping hazards.
18. During transport, make certain that the equipment cannot fall down and possibly cause property damage and personal injuries.
19. If your equipment is no longer functioning properly, if fluids or objects have gotten inside the equipment or if it has been damaged in anot her way, switch it off immediately and unplug it from the mains outlet (if it is a powered device). This equipment may only be repaired by authorized, qualified personnel.
20. Clean the equipment using a dry cloth.
21. Comply with all applicable disposal laws in your country. During disposal of packaging, please separate plastic and paper/cardboard.
22. Plastic bags must be kept out of reach of children.
23. Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user´s authority to operate the equipment.

FOR EQUIPMENT THAT CONNECTS TO THE POWER MAINS:
24. CAUTION: If the power cord of the device is equipped with an earthing contact, then it must be connected to an outlet with a protective ground. Never deactivate the protective ground of a power cord.
25. If the equipment has been exposed to strong fluctuations in temperature (for example, after transport), do not switch it on immediately. Moisture and condensation could damage the equipment. Do not switch on the equipment until it has reached room temperature.
26. Before connecting the equipment to the power outlet, first verify that the mains voltage and frequency match the values specified on the equipment. If the equipment has a voltage selection switch, connect the equipment to the power outlet only if the equipment values and the mains power values match. If the included power cord or power adapter does not fit in your wall outlet, contact your electrician.
27. Do not step on the power cord. Make certain that the power cable does not become kinked, especially at the mains outlet and/or power adapter and the equipment connector.
28. When connecting the equipment, make certain that the power cord or power adapter is always freely accessible. Always disconnect the equipment from the power supply if the equipment is not in use or if you want to clean the equipment. Always unplug the power cord and power adapter from the power outlet at the plug or adapter and not by pulling on the cord. Never touch the power cord and power adapter with wet hands.
29. Whenever possible, avoid switching the equipment on and off in quick succession because otherwise this can shorten the useful life of the equipment.
30. IMPORTANT INFORMATION: Replace fuses only with fuses of the same type and rating. If a fuse blows repeatedly, please contact an authorised service centre.
31. To disconnect the equipment from the power mains completely, unplug the power cord or power adapter from the power outlet.
32. If your device is equipped with a Volex power connector, the mating Volex equipment connector must be unlocked before it can be removed. However, this also means that the equipment can slide and fall down if the power cable is pulled, which can lead to personal injuries and/or other damage. For this reason, always be careful when laying cables.
33. Unplug the power cord and power adapter from the power outlet if there is a risk of a lightning strike or before extended periods of disuse.
34. The device must only be installed in a voltage-free condition (disconnect the mains plug from the mains).
35. Dust and other debris inside the unit may cause damage. The unit should be regularly serviced or cleaned (no guarantee) depending on ambient conditions (dust etc., nicotine, fog) by qualified personnel to prevent overheating and malfunction.
36. Please keep a distance of at least 0.5 m to any combustible materials.
37. Power cables to power multiple devices must have a cross-section of at least 1.5 mm². Within the EU, the cables must correspond to H05VV-F, or similar. Suitable cables are offered by Adam Hall. With these cables, you can connect multiple devices via the power OUT connection

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to the power IN connection of an additional device. Make sure that the total current consumption of all connected devices does not exceed the specified value on all connected devices (label on the device). Make sure to keep power cable connections as short as possible.

CAUTION:
To reduce the risk of electric shock, do not remove cover (or back). There are no user serviceable parts inside. Maintenance and repairs should be exclusively carried out by qualified service personnel.

The warning triangle with lightning symbol indicates dangerous uninsulated voltage inside the unit, which may cause an electrical shock.

The warning triangle with exclamation mark indicates important operating and maintenance instructions.

The housing surface of the spotlight can heat up to temperatures as high as 70 °C in regular use. Ensure that it is not possible to come into contact with the housing unintentionally. Always allow sufficient time for the lamp to cool down before dismantling, carrying out maintenance work or charging etc.

Warning! This device is designed for use below 2000 metres in altitude.

Warning! This product is not intended for use in tropical climates.

Caution! Intense LED light source! Risk of eye damage. Do not look into the light source.

CAUTION! IMPORTANT INFORMATION ABOUT LIGHTING PRODUCTS!
1. The product has been developed for professional use in the field of event technology and is not suitable as household lighting.
2. Do not stare, even temporarily, directly into the light beam.
3. Do not look at the beam directly with optical instruments such as magnifiers.
4. Stroboscope effects may cause epileptic seizures in sensitive people! People with epilepsy should definitely avoid places where strobes are used.

INTRODUCTION

LED WASH LIGHT 300 W RGBW IP65

CLZW300

CONTROL FUNCTIONS:

2-channel CCT, 3-channel color macros, 3-channel RGB 8-bit, 4-channel RGBW 8-bit, 6-channel RGB 16-bit, 8-channel RGBW 8 Bit, 8-channel RGBW 16-bit, 10-channel full-access 8-bit, and 15-channel full-access 16-bit DMX controll

Master/Slave operation

Standalone functions

W-DMX™

IR remote control

FEATURES:

DMX-512. 21 x 15 W High Power   RGBW LEDs. W-DMX™. IR remote control included. Strobe. 16-bit dimmer. 4 dimmer curves. Color temperature correction. Adjustable LED PWM frequency. Fast Access Feature. IP65-rated. IP65 5-pin DMX ports. Plastic feet. Omega mounting bracket included. Operating voltage 100–240 V AC. Power consumption 300W. 25°, 45°, 60° x 10°, 100° diffusers and barn-door available as an option.

The spotlight features the RDM standard (Remote Device Management). This remote device management system makes it possible to carry out status checks and configure RDM devices with an RDM-enabled controller.

CONNECTIONS, OPERATING AND DISPLAY ELEMENTS

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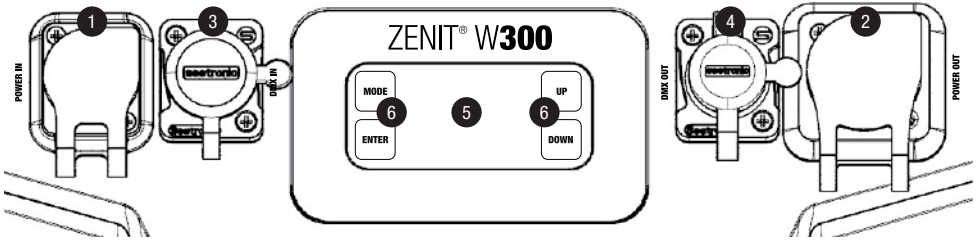
1 POWER IN

IP65 power input socket with rubber sealing cap. Operating voltage 100 - 240 V AC / 50 - 60Hz. Connection via supplied power cable (when not in use, always close with rubber sealing cap).

2 POWER OUT

IP65 power output socket with rubber sealing cap. Facilitates power supply to other CAMEO lights. Ensure that the total current consumption of all connected devices does not exceed the value specified on the device in amperes (A) (when not in use, always close with the rubber sealing cap).

3 DMX IN

Male IP65 5-pin XLR socket for connecting a DMX control device (e.g. DMX console. When not in use, always close with the rubber sealing cap).

4 DMX OUT

Female IP65 5-pin XLR socket for sending DMX control signal (when not in use, always close with the rubber sealing cap).

5 OLED DISPLAY

Displays the current operating mode and other system settings.

6 TOUCH-SENSITIVE CONTROLS

MODE

Press mode to access the selection menu for system settings. Press repeatedly to go back to the main display.

ENTER

Press ENTER to access the menu levels to make value changes, and to access the sub-menus. Confirm value changes by pressing ENTER.

UP and **DOWN**

Select individual menu items in the selection menu (DMX address, operating mode etc.) and in the sub-menus. Allow changes to the value of a menu item, such as the DMX address as required.

PRESSURE EQUALISATION ELEMENT

The pressure compensation element to prevent condensation forming inside the housing is located in the base of the device behind the cable feed to the LED unit. In order to ensure its proper function, the element must be protected from contamination.

HOUSING FAN

The 2 housing fans and heat sink are located on the rear of the LED unit. In order to ensure good air circulation, do not cover the device and clean it regularly.

PLEASE NOTE: In order to provide protection from spraying water, in accordance with protection class IP65, special IP65-rated XLR connectors must be used correctly with the DMX input and output sockets, or they must be closed using the rubber sealing caps. When connected correctly, or when sealed correctly with the rubber sealing caps, the POWER IN and POWER OUT sockets are protected from spraying water according to IP65.

PLEASE NOTE

• As soon as the spotlight is correctly is connected to the power supply, the following will be displayed in succession: "Welcome to Cameo", the model name and the software version.
  After this process, the lamp is ready for operation and starts in the previously enabled mode.

• If one of the DMX operating modes is activated and there is no DMX signal to the DMX input, the currently programmed DMX address is displayed and the characters on the display will begin to flash.

• After approx. 1 minute, the current operating mode is displayed again.

• Fast Access Feature: In order to simplify the menu guide, the device has an intelligent menu structure that allows direct access to previously selected menu items and sub-menu items.
      1. Press MODE and ENTER simultaneously for direct access to the last-edited sub-menu item, where you can make changes instantly as required (DMX starting address and all modes).
      2. Press MODE for direct access to the last-selected and last-edited menu item. Press ENTER repeatedly to access the sub-menu items in order to change individual settings (DMX starting address and all modes).

• Before changing device settings, ensure that the control panel is dry and dust free, in order not to impair its functionality.

• The display can be rotated through 180° by pressing UP when the main display is visible.

OPERATION

MAIN DISPLAY

After the power-up process, the lamp is ready for operation and starts in the previously activated mode. The main display appears with the following information: Current mode (in the example DMX mode) and W-DMX™ status.

W-DMX™ status

DMX Address
001

Current operating mode
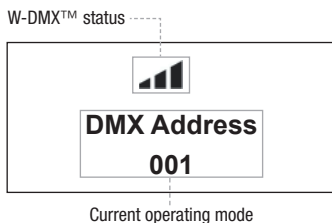
W-DMX™

1. To pair with W-DMX™ compatible transmitters, enable W-DMX™ in the device settings (Settings -> Wireless Setting -> W-DMX On Off -> On) and reset the W-DMX™ module (Receive Reset -> Yes). Start the pairing process as described in the operating instructions of the W-DMX™ transmitter. Pairing is then completed automatically.

2. Connect a group of W-DMX™ devices to create a DMX universe. Disconnect all devices that are supposed to form the group (Settings -> Wireless Setting -> Receive Reset). Now activate a CLZW300 with a DMX controller via DMX cable and in the settings, select "Transmit" (Send) (Settings -> Wireless Setting -> Operating Mode -> Transmit). In the settings of the W-DMX™ devices to be controlled via W-DMX™, select "Receive" (Settings -> Wireless Setting -> Operating Mode -> Receive), pair them and confirm by selecting "Link" (Settings -> Wireless Setting -> Link -> Link) in the settings of the CLZW300 controlled via DMX cable. Pairing is then completed automatically.

3. It is also possible to create a networked group of W-DMX™ devices via W-DMX™ and to operate them in master/slave mode to use. Disconnect all devices that are supposed to form the group (Settings -> Wireless Setting -> Receive Reset). Now, in the settings (Settings -> Wireless Setting -> Operating Mode) of the master unit select "Transmit" (send) and in the settings of the selected slave units, select "Receive". In the master unit, select the entry "Link" (Settings -> Wireless Setting -> Link -> Link) and confirm by pressing ENTER. Pairing of the devices is then completed automatically. In the master unit, select one of the standalone modes (Auto, Color Macro, Static, Tunable White, User Color) and control the slave units with it.

W-DMX™ STATUS

W-DMX™ deactivated	W-DMX™ activated as receiver, not paired	W-DMX™ activated as receiver and is coupled to device, Transmitter is switched off or out of range	W-DMX activated and is coupled to device, no DMX signal	W-DMX™ activated as receiver and is coupled to device, DMX signal is present	W-DMX™ and transmission mode G3 is enabled Up arrow = Send operation Arrow Down = Receive operation Arrow flashes= pairing process Flashing stops = paired	W-DMX™ and transmission mode G4S is enabled Up arrow = Send operation Arrow Down = Receive operation Arrow flashes= pairing process Flashing stops = paired

SETTING DMX START ADDRESS (DMX ADDRESS)

Press MODE to access the selection menu. Using the UP and DOWN controls, select the menu item "DMX address" (observe arrow) and confirm with ENTER. The display will show a three-digit number field and you can use the UP and DOWN controls to configure the desired DMX start address. Confirm the entry with ENTER and press MODE to return to the main display (in the example, "DMX address 001").

```
--------------- Menu ---------------
➧ DMX Address
  DMX mode
  Stand Alone
  Slave
  Settings
  System Info
```

```
001
–
5xx
```

```
        ▄▟
DMX Address
    001
```

CONFIGURING DMX MODE (DMX Mode)

Press MODE to access the selection menu. Using the UP and DOWN controls, select the menu item "DMX Mode" (observe arrow) and confirm with ENTER. In the sub-menu, you can now select between 9 different DMX operating modes with the UP and DOWN buttons. Confirm your selection with ENTER. Tables with the channel assignments can be found in these instructions under DMX CONTROL.

```
--------------- Menu ---------------
  DMX Address
➧ DMX Mode
  Stand Alone
  Slave
  Settings
  System Info
```

```
----------- DMX MODE -----------
➧ 15CH Full Access
  10CH Full Access
  8CH 8Bit
  8CH User-Calibrated
  6CH Factory-Calibrated
  4CH User-Calibrated
  3CH Factory-Calibrated
  3CH Color Macro
  2CH CCT Factory-Calib
```

SETTING STANDALONE MODE

Press MODE to access the selection menu. Use UP and DOWN to select the menu item "Stand Alone" (observe arrow) and confirm with ENTER. In the sub-menu you can now select from the standalone modes "Auto", "Colour Macro", "Static", "Tunable White" and "User Colour" as well as the timer function "Timer" using UP and DOWN. Confirm your selection with ENTER.

```
--------------- Menu ---------------
  DMX Address
  DMX mode
➧ Stand Alone
  Slave
  Settings
  System Info
```

```
----------- Stand Alone -----------
➧ Auto
  Color Macro
  Static
  Tunable White
  User Color
  Timer
```

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AUTO MODE (programme 1 - programme 6)

The 6 different auto-programmes each comprise non-editable color-change sequences. Brightness and speed are independently adjustable. Select auto mode as per the procedure previously described in SETTING STAND ALONE MODE and confirm with ENTER. Using the UP and DOWN controls, now select one of the 6 auto-programmes (observe arrow) and confirm with ENTER. To adjust brightness, use the UP and DOWN controls to select the menu item "Dim", and confirm with ENTER, then use the UP and DOWN controls to select the desired value between 000 and 255. Confirm with ENTER. Set the run speed by selecting the menu item "Speed", confirm with ENTER, and then select the desired value between 001 and 100. Confirm with ENTER. Press MODE four times to return to the main display (Mode Auto).

```
---------- Stand Alone ----------        ---------------- Auto ----------------        ---------- Programme x ----------        001              ▁▁▁
➡ Auto                                   ➡ Program 1                                   ➡ Dim        <255>                –              Mode
   Color Macro                              Program 2                                      Speed     <100>                                Auto
   Static                                   Program 3                                                                  100
   Tunable White                            Program 4
   User Color                               Program 5                                           Dim          Speed
   Timer                                    Program 6
                                                                                              000          001
                                                                                               –            –
                                                                                              255          100
```
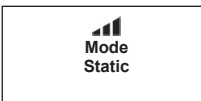
Color MACROS (Color Macro)

15 different preset color macros are available. Select color macro mode as per the procedure previously described in SETTING OPERATION MODE and confirm with ENTER. Using the UP and DOWN controls, now select the desired color preset (observe arrow) and confirm with ENTER (Color Off = blackout). The display will show a three-digit number field and you can use the UP and DOWN controls to set the desired brightness between 000 and 100. Confirm with ENTER. Press MODE three times to return to the main display (color macro mode).

```
---------- Stand Alone ----------        --------- Color Macro ----------        Blue         <100>        000              ▁▁▁
   Auto                                   ➡ Color Off                             Lavender     <100>         –              Mode
➡ Color Macro                              Red          <100>                     Mauve        <100>                       Color Macro
   Static                                   Amber        <100>                     Magenta      <100>        100
   Tunable White                            Yellow Warm  <100>                     Pink         <100>
   User Color                               Yellow       <100>                     Warm White   <100>
   Timer                                    Green        <100>                     White        <100>
                                            Turquoise    <100>                     Cold White   <100>
                                            Cyan         <100>
```

STATIC MODE (Static)

The static mode allows the Dimmer, Strobe, R, G, B, W to be adjusted directly on the device with values between 000 and 255, in a similar way to with a DMX controller. In this way, an individual scene can be created without an additional DMX controller. Select static mode as per the procedure previously described in SETTING OPERATION MODE and confirm with ENTER. Using the UP and DOWN controls, now select the menu item that you wish to edit (observe arrow) and confirm with ENTER. The display will show a three-digit number field and you can use the UP and DOWN controls to configure the desired value between 000 and 255. Confirm with ENTER. Press MODE three times to return to the main display (static mode).

```
---------- Stand Alone ----------        ---------------- Static ----------------        000              ▁▁▁
   Auto                                   ➡ Dimmer      <255>                              –              Mode
   Color Macro                              Strobe      <255>                                             Static
➡ Static                                    Red         <255>                             255
   Tunable White                            Green       <255>
   User Color                               Blue        <255>
   Timer                                    White       <255>
```

Color TEMPERATURE (Tunable White)

The color temperature mode enables you to configure the color temperature from cold white to warm white (CTC) and the brightness (Dim) of the light directly on the device. Select the color temperature mode as per the procedure previously described in SETTING STAND ALONE MODE and confirm with ENTER. Using the UP and DOWN controls, now select the menu item that you wish to edit (observe arrow) and confirm with ENTER. The display will show a three-digit number field and you can use the UP and DOWN controls to configure the desired value. Confirm with ENTER. Press MODE three times to return to the main display (Mode Tunable White).

```
----------- Stand Alone -----------
    Auto
    Color Macro
    Static
 ➧ Tunable White
    User Color
    Timer
```

```
---------- Programme x ----------
 ➧ Dim        <100>
    CTC        <255>
```

```
      Dim              CTC
     000              000
      –                –
     100              255
```

```
      ▪▪▐
      Mode
  Tunable White
```

USER PRESETS (User color)

The operating mode "User Presets" allows you to store five individual color presets of overall brightness, strobe and a color mix of R, G, B and W directly in the device. Select the "User Color" mode as per the procedure previously described in SETTING STAND ALONE MODE and confirm with ENTER. Use UP AND DOWN to select one of the stored presets Color1 to Color5 and confirm with ENTER and select the submenu item you want to edit (see arrows). Confirm with ENTER.
The display will show a three-digit number field and you can use the UP and DOWN controls to set the value as required between 000 and 255. Confirm by pressing ENTER again. When all settings are configured as required, press MODE 4 times to return to the main display (Mode User Color).

```
----------- Stand Alone -----------
    Auto
    Color Macro
    Static
    Tunable White
 ➧ User Color
    Timer
```

```
----------- User Color -----------
 ➧ Color1
    Color2
    Color3
    Color4
    Color5
```

```
----------- Color1 -----------
 ➧ Dimmer      <255>
    Strobe      <255>
    Red          <255>
    Green       <255>
    Blue         <255>
    White       <255>
```

```
     000
      –
     255
```

```
      ▪▪▐
      Mode
  User Color
```

TIMER FUNCTION (Timer)

The timer function allows the standalone modes "Colour Macro", "Static", "Tunable White" and "User Colour" to be timer controlled in such a way that the fade-in time can be set from 0 to 60 minutes, the dwell time from 1 to 24 hours and the fade-out time from 0 to 60 minutes. Time control starts immediately after activating the timer function in the previously activated standalone mode and remains active even if the spotlight is switched off and restarted. Select "Timer" by means of the procedure described above under CONFIGURE STANDALONE MODE and confirm with ENTER. Now select "Fade In", "Dwell Time" or "Fade Out" for the individual settings (observe arrow) and confirm with ENTER. The display will show a three-digit number field in each case. Use UP and DOWN to set the value as required from 000 to 060 or 001 to 024. Confirm by pressing ENTER again. Once all settings have been configured as required, activate the timer function by selecting the submenu item "Timer On/Off" using UP and DOWN, confirm with ENTER, select "On" and confirm again with ENTER (to deactivate the timer function, please select "Off" and confirm). Press MODE three times to return to the main display.

```
----------- Stand Alone -----------
    Auto
    Color Macro
    Static
    Tunable White
    User Color
 ➧ Timer
```

```
----------- Timer -----------
 ➧ Timer        On/Off
    Fade In       < 1min >
    Dwell Time  <   1h  >
    Fade Out    < 1min >
```

Please note: The timer function is suitable for use in master/slave mode via cable and W-DMX™.

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SLAVE MODE CONFIGURATION

Press MODE to access the selection menu. Using the UP and DOWN controls, select the menu item "Slave" (observe arrow) and confirm with ENTER. Connect the slave and the master units (same model) with a DMX cable and enable one of the standalone modes on the master unit (Auto, Color Macro, Static, Tunable White, User Color). Now the slave unit will follow the master unit. If there is no control signal, the display characters will flash. Flashing stops as soon as a control signal is present.

```
---------------- Menu ----------------
    DMX Address
    DMX mode
    Stand Alone
  ➡ Slave
    Settings
    System Info
```

```
            ▁▂▃▄
           Mode
           Slave
```
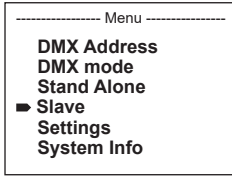
DEVICE SETTINGS (Settings)

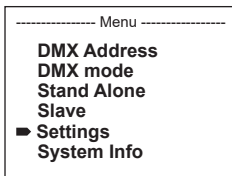Press MODE to access the selection menu. Using the UP and DOWN controls, select the menu item "Settings" (observe arrow) and confirm with ENTER.

```
---------------- Menu -----------------
    DMX Address
    DMX mode
    Stand Alone
    Slave
  ➡ Settings
    System Info
```

This will take you to the submenu for setting the following submenu items (see table, select with UP and DOWN, confirm with ENTER, change value or status with UP and DOWN, confirm with ENTER):

Settings				
Wireless Setting	=	W-DMX settings (Wireless-DMX)	W-DMX On/Off	On = W-DMX enabled
				Off = W-DMX disabled
			Operating Mode	Receive = W-DMX module as receiver
				Receive = W-DMX module as sender
			Transmitting Mode	G3 = G3 broadcasting standard
				G4S = G4S broadcasting standard
			Link	Link = pair with W-DMX units. W-DMX must be enabled on all devices, and the pairing with a transmitter be retained (Receive Reset).
				Unlink = decoupling of all devices
			Receive Reset	No = Do not retain transmitter pairing
				Yes = Retain transmitter pairing
Display Reverse	=	Flip display	On	= rotate display by 180° (e.g. for overhead installation)
			Off	No display rotation
Display Backlight	=	Display lighting	On	On permanently
			Off	Deactivation after approximately 1 minute of inactivity
DMX Fail	=	Operating status with DMX signal fault	Hold	Last command is retained
			Blackout	Activates blackout
			Full On	All the LEDs are 100%
			Stand Alone	Spotlight switches to the last selected stand-alone mode
Dimmer Curve	=	Dimmer curve	Linear	Light intensity increases linearly with DMX value
			Exponential	Light intensity can be finely adjusted at lower DMX values and broadly adjusted at higher DMX values
			Logarithmic	Light intensity can be broadly adjusted at lower DMX values and finely adjusted at higher DMX values
			S-Curve	Light intensity can be finely adjusted at lower and higher DMX values and broadly adjusted at medium DMX values

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Dimmer Response	=	Dimmer sensitivity	LED	Lamp responds abruptly to changes in DMX value
			Halogen	Lamp behaves like a halogen spotlight with soft brightness changes
Color Calibration	=	Color calibration (If one of the DMX factory calibration modes is activated, no other calibration can be selected and the message "no possible change in this DMX Mode" will be shown on the display. If one of the DMX user calibration modes is activated, RAW can be selected as the alternative calibration.)	RAW	individual color calibration. Brightness adjustment of 4 RGBW LED groups for all modes in the range 000-255
			User calibration	Individual color calibration. Cross-mode brightness setting of the 4 LED groups RGBW with values from 000 - 255
			Factory calibration	Factory-default calibration of R, G, B, and W (across all operating modes). Select this setting to ensure the consistent-looking presentation of color macros in stand-alone mode and to control color macros with DMX.
Autolock	=	Automatic locking of the controls	On	Automatic locking of the controls after approximately 1 minute of inactivity. Display shown upon attempted use: "Locked!" To unlock: Press and hold UP and DOWN simultaneously for approx. 5 seconds
			Off	Automatic locking of the controls is disabled
LED Frequency	=	LED PWM frequency	800Hz / 1200Hz / 2000Hz / 3600Hz / 12kHz / 25kHz	Configuration of LED PWM frequency
IR Remote	=	Activate or deactivate control by IR remote control	On	IR remote control activated
			Off	IR remote control deactivated
Fan	=	Adjusts fan speed	Auto	Automatic fan speed control
			Max Intensity	Maximum fan power for maximum brightness
			Low Noise	deactivated fans with reduced brightness
Factory Reset	=	Reset to factory settings	Reset Now!	Reset to factory settings: Confirm with ENTER. Cancel with MODE

Dimmer curves

linear   exponential   logarithmic   S-curve

Light intensity — DMX value

SYSTEM INFORMATION (System Info)

Press MODE to access the selection menu. Using the UP and DOWN controls, select the menu item "System Info" (observe arrow) and confirm with ENTER.
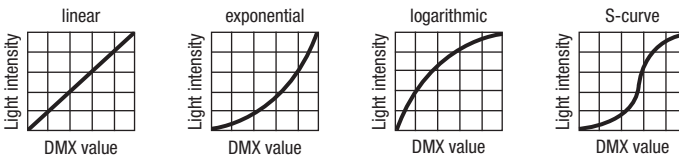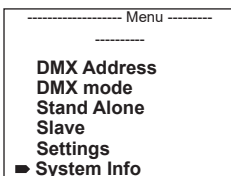
```
------------------ Menu ---------
          ----------
    DMX Address
    DMX mode
    Stand Alone
    Slave
    Settings
  ➥ System Info
```

Use the UP and DOWN controls to select the desired submenu item, and press ENTER to display the corresponding information.

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System Info				
Firmware	=	Displays device firmware	Main CPU	Vx.xx
			LED driver	Vx.xx
Temperature	=	Displays temperature of LED unit	LED	xx°C / xx°F
			Unit	°C (= display in degrees Celsius)
				°F (= display in degrees Fahrenheit)
Operation Hours	=	Displays operating time	xx:xx h	Displays total operating time in hours and minutes

MANUAL LOCKING FUNCTION

In addition to the ability to protect the lamp automatically from accidental and unauthorised operation (see "Settings" - "Auto-lock"), the controls can also be locked manually. Press and hold the UP and DOWN controls simultaneously for approximately 5 seconds. If an attempt is made to change settings, "Locked!" will appear in the display and changing the lamp's settings via the controls is no longer possible. After approx. 1 minute, the current operating mode is displayed again. To unlock, press and hold the UP and DOWN controls simultaneously for approximately 5 seconds.
The display will show the previously displayed information.

IR REMOTE CONTROL

Aim the infrared remote control directly at the infrared sensor on the front of the lamp. The maximum range is approximately 8 metres. In DMX and Slave modes, the remote control is deactivated. Battery for IR remote control = CR2025.		
BLACK OUT	Blackout	The blackout button is used to switch off all LEDs, regardless of operating mode enabled via the remote control. Press the blackout button again to reactivate the previously selected mode.
AUTO	Auto programme	Auto-Programmes 1 - 6. Programme selection with + and − . Programme run speed with SPEED and + and − . Brightness setting with % and + and − .
MACRO	Color macro	Color Macros 1-15. Selection with + and − .
STROBE	Strobe	Strobe light for AUTO, FADE and MANUAL operating modes. Press STROBE to activate. Strobe speed with + and − . Press STROBE to deactivate strobe.
SPEED	Speed	Setting the running speed for Auto and Fade programmes.
USER	Individual color macros	Individual color macros 1-5. Selection with + and − .
%	Brightness	Press % and + and − to adjust brightness.
MANUAL	Manual color mix	Press MANUAL and R , G , B or W to manually mix colors. Adjust intensity with + and − .
FADE	Fade programmes	Fade programmes Auto 1 - Auto 5. Programme selection with + and − . Programme run speed with SPEED and + and − . Brightness setting with % and + and − .
0 - 9	Color preset	Direct selection of color presets 0 to 9.

INSTALLATION AND MOUNTING

Thanks to its integrated plastic feet, the lamp can be positioned in a suitable location on a level surface. on a traverse is carried out with an Omega bracket, mounted in the centre of the base of the device (A). A Omega bracket is included. Suitable beam clamps are available as an option. Ensure firm connections and secure the spotlight to the securing lug (B) with a suitable safety cable. Beam angle of the LED unit is independent of the device and is adjusted with the side-mounted thumb screws.

Important: Overhead mounting requires extensive experience, including the calculation of the load limit values of the installation material and regular safety inspection of all installation materials and spotlights. If you do not have these qualifications, do not attempt to perform an installation yourself. Refer instead to a qualified professional.

OPTIONAL ACCESSORIES

CLZW300B2004B
Barn doors – Tool-free installation by spring-loaded locking pins, safety cable included

CLZW300B200SMLSD20
25° diffuser
Tool-free installation via SNAPMAG® technology

CLZW300B200SMLSD40
45° diffuser
Tool-free installation via SNAPMAG® technology

CLZW300B200SMLSD100
100° diffuser
Tool-free installation via SNAPMAG® technology

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DMX

CLZW300B200SMLSD6010
60° x 10° diffuser
Tool-free installation via SNAPMAG® technology

SNAPMAG® FILTER FRAME NOT INCLUDED.

DMX TECHNOLOGY

DMX-512

DMX (Digital Multiplex) is the designation for a universal transmission protocol for communications between corresponding devices and controllers. A DMX controller sends DMX data to the connected DMX device(s). The DMX data is always transmitted as a serial data stream that is forwarded from one connected device to the next via the "DMX IN" and "DMX OUT" connectors (XLR plug-type connectors) that are found on every DMX-capable device, provided the maximum number of devices does not exceed 32 units. The last device in the chain needs to be equipped with a terminator (terminating resistor).

DMX CONNECTION

DMX is the common "language" via which a very wide range of types and models of equipment from various manufacturers can be connected with one another and controlled via a central controller, provided that all of the devices and the controller are DMX compatible. For optimum data transmission, it is necessary to keep the connecting cables between the individual devices as short as possible. The order in which the devices are integrated in the DMX network has no influence on the addresses. Thus the device with the DMX address 1 can be located at any position in the (serial) DMX chain: at the beginning, at the end or somewhere in the middle. If the DMX address 1 is assigned to a device, the controller "knows" that it should send all data allocated to address 1 to this device regardless of its position in the DMX network.

SERIAL CONNECTION OF MULTIPLE LIGHTS

1. Connect the male XLR connector (3-pin or 5-pin) of the DMX cable to the DMX output (female XLR socket) of the first DMX device (e.g. DMX-Controller).
2. Connect the female 3-pin XLR connector of the DMX cable connected to the first projector to the DMX input (male 3-pin socket) of the next DMX device. In the same way, connect the DMX output of this device to the DMX input of the next device and repeat until all devices have been connected. Please note that as a rule, DMX devices are connected in series and connections cannot be shared without active splitters. The maximum number of DMX devices in a DMX chain should not exceed 32 units.

The Adam Hall 3 STAR, 4 STAR, and 5 STAR product ranges include an extensive selection of suitable cables.

DMX CABLES

When fabricating your own cables, always observe the illustrations on this page. Never connect the shielding of the cable to the ground contact of the plug, and always make certain that the shielding does not come into contact with the housing of the XLR plug. If the shielding is connected to the ground, this can lead to short-circuiting and system malfunctions.

Pin Assignment

DMX cable with 3-pin XLR connectors:
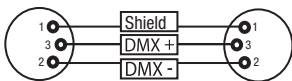
DMX cable with 5-pin XLR connectors (pin 4 and 5 are not used):
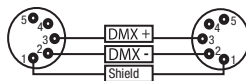
DMX TERMINATORS (TERMINATING RESISTORS)

To prevent system errors, the last device in a DMX chain needs to be equipped with a terminating resistor (120 ohm, 1/4 Watt).

3-pin XLR connector with a terminating resistor: K3DMXT3

5-pin XLR connector with a terminating resistor: K3DMXT5

Pin Assignment

3-pin XLR connector:
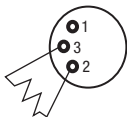
5-pin XLR connector:
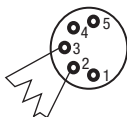
DMX ADAPTER

The combination of DMX devices with 3-pin connectors and DMX devices with 5-pin connectors in a DMX chain is possible with suitable adapters.

Pin Assignment

DMX Adapter 5-pin XLR male to 3-pin XLR female: K3DGF0020

Pins 4 and 5 are not used.
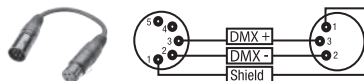
Pin Assignment

DMX Adapter 3-pin XLR male to 5-pin XLR female: K3DHM0020

Pins 4 and 5 are not used.
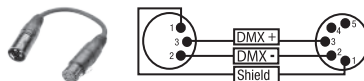
TECHNICAL DATA

Product number:	CLZW300
Product type:	LED wash light
Type:	Outdoor floodlight
Color spectrum LED:	RGBW
Number of LEDs:	21
LED type:	15 W
LED PWM frequency:	800 Hz, 1200 Hz, 2000 Hz, 3600 Hz, 12 kHz, 25 kHz (adjustable)
Beam angle:	21° (41° Field)
DMX input:	5-pin male XLR, IP65
DMX output:	5-pin female XLR, IP65
DMX modes:	2-channel CCT, 3-channel color macros, 3-channel RGB 8-bit, 4-channel RGBW 8-bit, 6-channel RGB 16-bit, 8-Kanal RGBW 8 Bit, 8-channel RGBW 16-bit, 10-channel full-access 8-bit, and 15-channel full-access 16-bit DMX control with master/slave mode
DMX functions:	Dimmer, fine dimmer, RGBW, RGBW fine, strobe, dimmer curves, color temperature correction, dimming, color macros, color change, color blending, LED PWM frequency
Standalone functions:	Color mixing, color macros, master/slave operation, automatic programmes, strobe, user color, tunable white, timer function

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System settings:	W-DMX settings, display rotate 180°, display lighting, DMX fail, dimmer curves, dimmer sensitivity, color calibration, display lock Function, LED PWM frequency, IR remote control, fan control factory reset
Control:	DMX512, W-DMX™, IR remote control, RDM-enabled
Operating controls:	Mode, enter, up, down
Display elements:	OLED display
Operating voltage:	100–240 V AC/50–60 Hz
Power consumption:	300W
Illuminance (@ 1m, without diffuser):	48000lx
Luminous flux (RGBW):	10660lm
Power connection:	Input and output jacks, special IP65 (Max. Output 8A)
Ambient temperature (in operation):	−15°C to +45°C
Housing material:	Metal
Housing color:	Black
Housing cooling:	2 x IP65 fans
IP rating:	IP65
Dimensions (W x H x D, without bracket):	377 x 256 x 140mm
Weight:	8.2kg
Additional features:	1 m power cable with special IP65 plug, IR remote control, feet and 1x Omega bracket included. 25°, 45°, 60° x 10°, 100° diffusers and barn-door available as an option

MANUFACTURER´S DECLARATIONS

MANUFACTURER'S WARRANTY & LIMITATIONS OF LIABILITY
You can find our current warranty conditions and limitations of liability at: https://cdn-shop.adamhall.com/media/pdf/Manufacturers-Decla-rations-CAMEO_DE_EN_ES_FR.pdf. To request warranty service for a product, please contact Adam Hall GmbH, Adam-Hall-Str. 1, 61267 Neu Anspach / Email: Info@adamhall.com / +49 (0)6081 / 9419-0.

CORRECT DISPOSAL OF THIS PRODUCT
(valid in the European Union and other European countries with a differentiated waste collection system)
This symbol on the product, or on its documents indicates that the device may not be treated as household waste. This is to avoid environmental damage or personal injury due to uncontrolled waste disposal. Please dispose of this product separately from other waste and have it recycled to promote sustainable economic activity. Household users should contact either the retailer where they purchased this product, or their local government office, for details on where and how they can recycle this item in an environmentally friendly manner. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial waste for disposal.

FCC STATEMENT
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation

CE Compliance
Adam Hall GmbH states that this product meets the following guidelines (where applicable):
R&TTE (1999/5/EC) or RED (2014/53/EU) from June 2017
Low voltage directive (2014/35/EU)
EMV directive (2014/30/EU)
RoHS (2011/65/EU)
The complete declaration of conformity can be found at www.adamhall.com.
Furthermore, you may also direct your enquiry to info@adamhall.com.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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DMX

DMX CONTROL / DMX STEUERUNG / PILOTAGE DMX / CONTROL DMX / STEROWANIE DMX / CONTROLLO DMX

15 CH Full Access 16 Bit						
Ch.	**Function**	**Values**				**Sub-Group**
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Dimmer fine	000	-	255	0% to 100%	
3	Strobe functions	000	-	005	Strobe open	Multifunctional strobe
		006	-	010	Strobe closed	
		011	-	033	Pulse random slow -> fast	
		034	-	056	Ramp up random slow -> fast	
		057	-	079	Ramp down random slow -> fast	
		080	-	102	Random strobe effect slow -> fast	
		103	-	127	Strobe break effect, 5s…..1s (short burst with break)	
		128	-	250	Strobe slow -> fast <1Hz - 20Hz	
		251	-	255	Strobe open	
4	Red	000	-	255	0% to 100%	Red
5	Red fine	000	-	255	0% to 100%	
6	Green	000	-	255	0% to 100%	Green
7	Green fine	000	-	255	0% to 100%	
8	Blue	000	-	255	0% to 100%	Blue
9	Blue fine	000	-	255	0% to 100%	
10	White	000	-	255	0% to 100%	White
11	White fine	000	-	255	0% to 100%	
12	Color Macros (override RGBW)	000	-	005	Color off	Color Macros
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow warm	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118	-	125	Cold White	
		126	-	127	Color Jumping stop	
		128	-	191	Color Jumping speed slow -> fast / color 1 -> 12	
		192	-	255	Color Fading speed slow -> fast / color 1 -> 12	
13	Color Temperature Correction (affects RGBW & Color Macros)	000	-	005	Off	Color Temperature Correction
		006	-	255	Cold -> warm	

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14	Set dimmer curve	000	-	005	No function	Set dimmer curve
		006	-	063	Linear dimmer curve	
		064	-	127	Exponential dimmer curve	
		128	-	191	Logarithmic dimmer curve	
		192	-	255	S-Curve dimmer curve	
15	Device settings (please read remark 1*)	000	-	077	No function	Control
		078	-	079	Dimmer response LED (hold 1,5 s)	
		080	-	081	Dimmer response halogen (hold 1,5s)	
		082	-	101	No function	
		102	-	103	Silent fan (hold 3s)	
		104	-	105	Auto fan (hold 3s)	
		106	-	123	No function	
		124	-	125	PWM 1 (800 Hz) (hold 3s)	
		126	-	127	PWM 2 (1200 Hz) (hold 3s)	
		128	-	129	PWM 3 (2000 Hz) (hold 3s)	
		130	-	131	PWM 4 (3600 Hz) (hold 3s)	
		132	-	133	PWM 5 (12 kHz) (hold 3s)	
		134	-	135	PWM 6 (25 kHz) (hold 3s)	
		136	-	143	No function	
		144	-	145	Display on (hold 3s)	
		146	-	147	Display off (hold 3s)	
		148	-	205	No function	
		206	-	207	Raw mode (hold 3s)	
		208	-	209	Factory calibrated mode (hold 3s)	
		210	-	211	User calibrated mode (hold 3s)	
		212	-	255	No function	

10 CH Full Access 8 Bit						
Ch.	Function			Values		Sub-Group
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Strobe functions	000	-	005	Strobe open	Multifunctional strobe
		006	-	010	Strobe closed	
		011	-	033	Pulse random slow -> fast	
		034	-	056	Ramp up random slow -> fast	
		057	-	079	Ramp down random slow -> fast	
		080	-	102	Random strobe effect slow -> fast	
		103	-	127	Strobe break effect, 5s…..1s (short burst with break)	
		128	-	250	Strobe slow -> fast <1Hz - 20Hz	
		251	-	255	Strobe open	
3	Red	000	-	255	0% to 100%	Red
4	Green	000	-	255	0% to 100%	Green
5	Blue	000	-	255	0% to 100%	Blue
6	White	000	-	255	0% to 100%	White
7	Color Macros (override RGBW)	000	-	005	Color off	Color Macros
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow warm	
		030	-	037	Yellow	
		038	-	045	Green	

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7	Color Macros (override RGBW)	046	-	053	Turquoise	Color Macros
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118	-	125	Cold White	
		126	-	127	Color Jumping stop	
		128	-	191	Color Jumping speed slow -> fast / color 1 -> 12	
		192	-	255	Color Fading speed slow -> fast / color 1 -> 12	
8	Color Temperature Correction (affects RGBW & Color Macros)	000	-	005	Off	Color Temperature Correction
		006	-	255	Cold -> warm	
9	Set dimmer curve	000		005	No function	Set dimmer curve
		006	-	063	Linear dimmer curve	
		064	-	127	Exponential dimmer curve	
		128	-	191	Logarithmic dimmer curve	
		192	-	255	S-Curve dimmer curve	
10	Device settings (please read remark 1*)	000	-	077	No function	Control
		078	-	079	Dimmer response LED (hold 1,5 s)	
		080	-	081	Dimmer response halogen (hold 1,5s)	
		082	-	101	No function	
		102	-	103	Silent fan (hold 3s)	
		104	-	105	Auto fan (hold 3s)	
		106	-	123	No function	
		124	-	125	PWM 1 (800 Hz) (hold 3s)	
		126	-	127	PWM 2 (1200 Hz) (hold 3s)	
		128	-	129	PWM 3 (2000 Hz) (hold 3s)	
		130	-	131	PWM 4 (3600 Hz) (hold 3s)	
		132	-	133	PWM 5 (12 kHz) (hold 3s)	
		134	-	135	PWM 6 (25 kHz) (hold 3s)	
		136	-	143	No function	
		144	-	145	Display on (hold 3s)	
		146	-	147	Display off (hold 3s)	
		148	-	205	No function	
		206	-	207	Raw mode (hold 3s)	
		208	-	209	Factory calibrated mode (hold 3s)	
		210	-	211	User calibrated mode (hold 3s)	
		212	-	255	No function	

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8 CH 8 Bit						
Ch.	Function	Values				Sub-Group
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Strobe functions	000	-	005	Strobe open	Multifunctional Strobe
		006	-	010	Strobe closed	
		011	-	033	Pulse random, slow -> fast	
		034	-	056	Ramp up random, slow -> fast	
		057	-	079	Ramp down random, slow -> fast	
		080	-	102	Random Strobe effect, slow -> fast	
		103	-	127	Strobe Break effect, 5s…..1s (short burst with break)	
		128	-	250	Strobe slow -> fast <1Hz - 20Hz	
		251	-	255	Strobe open	
3	Red	000	-	255	0% to 100%	Red
4	Green	000	-	255	0% to 100%	Green
5	Blue	000	-	255	0% to 100%	Blue
6	White	000	-	255	0% to 100%	White
7	Color Macros (override RGBW)	000	-	005	Color off	Color Macro
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow warm	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118	-	125	Cold White	
		126	-	127	Color Jumping stop	
		128	-	191	Color Jumping speed slow -> fast / Color 1 -> 12	
		192	-	255	Color Fading speed slow -> fast / Color 1 -> 12	

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8	Device Settings (please read remark 1*)	000	-	077	no function	Control
		078	-	079	Dimmer response LED (hold 1,5 s)	
		080	-	081	Dimmer response halogen (hold 1,5s)	
		082	-	101	No function	
		102	-	103	Silent fan (hold 3s)	
		104	-	105	Auto fan (hold 3s)	
		106	-	123	No function	
		124	-	125	PWM 1 (800 Hz) (hold 3s)	
		126	-	127	PWM 2 (1200 Hz) (hold 3s)	
		128	-	129	PWM 3 (2000 Hz) (hold 3s)	
		130	-	131	PWM 4 (3600 Hz) (hold 3s)	
		132	-	133	PWM 5 (12 kHz) (hold 3s)	
		134	-	135	PWM 6 (25 kHz) (hold 3s)	
		136	-	143	No function	
		144	-	145	Display on (hold 3s)	
		146	-	147	Display off (hold 3s)	
		148	-	205	No function	
		206	-	207	Raw mode (hold 3s)	
		208	-	209	Factory calibrated mode (hold 3s)	
		210	-	211	User calibrated mode (hold 3s)	
		212	-	255	No function	

8 CH User-Calibrated 16 Bit						
Ch.	Function	Values				Sub-Group
1	Red	000	-	255	0% to 100%	Red
2	Red fine	000	-	255	0% to 100%	
3	Green	000	-	255	0% to 100%	Green
4	Green fine	000	-	255	0% to 100%	
5	Blue	000	-	255	0% to 100%	Blue
6	Blue fine	000	-	255	0% to 100%	
7	White	000	-	255	0% to 100%	White
8	White fine	000	-	255	0% to 100%	

6 CH Factory-Calibrated 16 Bit						
Ch.	Function	Values				Sub-Group
1	Red	000	-	255	0% to 100%	Red
2	Red fine	000	-	255	0% to 100%	
3	Green	000	-	255	0% to 100%	Green
4	Green fine	000	-	255	0% to 100%	
5	Blue	000	-	255	0% to 100%	Blue
6	Blue fine	000	-	255	0% to 100%	

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4 CH User-Calibrated 8 Bit						
Ch.	Function			Values		Sub-Group
1	Red	000	-	255	0% to 100%	Red
2	Green	000	-	255	0% to 100%	Green
3	Blue	000	-	255	0% to 100%	Blue
4	White	000	-	255	0% to 100%	White

3 CH Factory-Calibrated 8 Bit						
Ch.	Function			Values		Sub-Group
1	Red	000	-	255	0% to 100%	Red
2	Green	000	-	255	0% to 100%	Green
3	Blue	000	-	255	0% to 100%	Blue

3 CH Color Macros						
Ch.	Function			Values		Sub-Group
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Strobe functions	000	-	005	Strobe open	Multifunctional strobe
		006	-	010	Strobe closed	
		011	-	033	Pulse random slow -> fast	
		034	-	056	Ramp up random slow -> fast	
		057	-	079	Ramp down random slow -> fast	
		080	-	102	Random strobe effect slow -> fast	
		103	-	127	Strobe break effect, 5s…..1s (short burst with break)	
		128	-	250	Strobe slow -> fast <1Hz - 20Hz	
		251	-	255	Strobe open	
3	Color Macros	000	-	005	Color off	Color Macros
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow warm	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118	-	125	Cold White	
		126	-	127	Color Jumping stop	
		128	-	191	Color Jumping speed slow -> fast / color 1 -> 12	
		192	-	255	Color Fading speed slow -> fast / color 1 -> 12	

2 CH CCT Factory-Calibrated						
Ch.	Function	Values				Sub-Group
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Color Temperature	000	-	255	Cold <-> warm	Color Temperature

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

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

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

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

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

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

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX