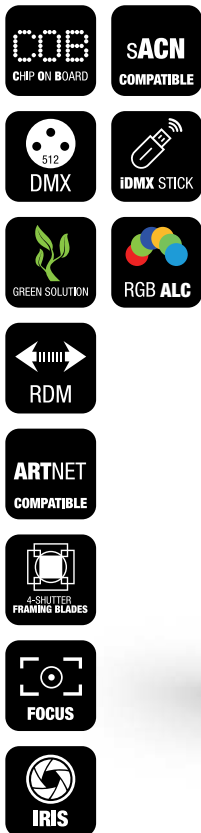


USER'S MANUAL
BEDIENUNGSANLEITUNG
MANUEL D'UTILISATION
MANUAL DE USUARIO
INSTRUKCJA OBSŁUGI
MANUALE D' USO



P6

HIGH OUTPUT FULL-SPECTRUM ELLIPSOIDAL
CLP6

CONTENTS / INHALTSVERZEICHNIS / CONTENU / CONTENIDO / TREŚĆ / CONTENUTO

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INFORMATION ON THIS USER MANUAL

- Carefully read the safety instructions and the entire manual before operating the device.
- Observe the warnings on the device and in the user manual.
- Always keep the user manual within reach.
- If you sell or pass on the device, it is important that you also include this user manual, as it is an integral part of the product.

INTENDED USE

This product is a device for event technology!

This product has been developed for professional use in the field of event technology and is not suitable for use as domestic lighting!

Temporary operation! Event equipment is generally designed for temporary use only and not for continuous operation and fixed installation!

Furthermore, this product is only intended for qualified users with specialist knowledge of event technology!

Use of the product outside the specified technical data and operating conditions is considered improper use!

Liability for damage and third-party damage to persons and property due to inappropriate use is excluded!

The product is not suitable for:

- Persons (including children) with limited physical, sensory, or mental abilities or lack of experience and knowledge.
- Children (children must be instructed not to play with the device).

EXPLANATIONS OF TERMS AND SYMBOLS

1. **DANGER:** The word DANGER, possibly in combination with a symbol, indicates immediately hazardous situations or conditions for life and limb.
2. **WARNING:** The word WARNING, possibly in combination with a symbol, indicates potentially hazardous situations or conditions for life and limb.
3. **CAUTION:** The word CAUTION, possibly in combination with a symbol, indicates situations or conditions that may lead to injury.
4. **ATTENTION:** The word ATTENTION, possibly in combination with a symbol, indicates situations or conditions that may lead to damage to property and/or the environment.



This symbol identifies hazards that can cause electric shock.



This symbol indicates hazardous areas or hazardous situations.



This symbol indicates hazards caused by hot surfaces.



This symbol indicates hazards caused by intense light sources.



This symbol indicates hazards due to suspended loads.



This symbol indicates a device in which there are no user-serviceable parts.



This symbol indicates additional information on the operation of the product.



This symbol indicates a device that may only be used in dry rooms.

SAFETY INSTRUCTIONS



DANGER:

1. Do not open the device, and do not make any modifications to it.
2. If your device no longer functions properly, if liquids or objects get inside it, or if it has been damaged in any other way, switch it off immediately and disconnect it from the power supply. The device may be repaired only by authorised qualified personnel.
3. For devices of protection class 1, the protective conductor must be connected correctly. Never disconnect the protective conductor. Devices of protection class 2 do not have a protective conductor.
4. Ensure that live cables are not kinked or otherwise mechanically damaged.
5. Never bypass the device fuse.



WARNING:

1. The device may not be operated if it shows obvious signs of damage.
2. The device may only be installed in a voltage-free state.
3. If the device's mains cable is damaged, the device may not be operated.
4. Permanently attached mains cables may only be replaced by a qualified person.

**ATTENTION:**

1. Do not operate the device if it has been exposed to large temperature fluctuations (for example, after transport). Moisture and condensation may damage the device. Switch on the device only when it has reached ambient temperature.
2. Make sure that the voltage and frequency of the mains correspond to the values specified on the device. If the device has a voltage selector switch, do not turn the device on until it has been set correctly. Use only suitable mains cables.
3. To disconnect the device from the mains on all poles, it is not sufficient to press the on/off switch on the device.
4. Make sure that the fuse used corresponds to the type specified on the device.
5. Make sure that appropriate measures have been taken against power surges (for example, lightning strike).
6. Observe the specified maximum output current on devices with Power Out connection. Ensure that the total current consumption of all connected devices does not exceed the specified value.
7. Replace plug-in mains cables only with original cables.
8. Connect the device only to compliant, tested, and undamaged mains connections.

**DANGER:**

1. Danger of suffocation/choking! Plastic bags and small parts must be kept out of reach of persons (including children) with reduced physical, sensory, or mental capabilities.
2. Danger caused by falling device! Make sure that the device is securely installed and cannot fall down. Only use suitable stands or mounts (particularly for fixed installations). Ensure that accessories are properly installed and secured. Ensure that all applicable safety regulations are observed.

**WARNING:**

1. Use the device only in the prescribed manner.
2. Operate the device only with the accessories recommended and intended by the manufacturer.
3. During installation, observe the safety regulations applicable in your country.
4. After connecting the device, check all cable routes to avoid damage or accidents, for example, due to tripping hazards.
5. Always observe the specified minimum distance to normally flammable materials! Unless explicitly stated, the minimum distance is 0.3 m.

**CAUTION:**

1. Moving components such as mounting brackets or other movable components may become jammed.
2. Devices with motor-driven components may result in injury from the movement of the device. Sudden movement of the device can cause shock reactions.
3. The exterior surface of the device can become very hot during regular operation. Ensure that accidental touching of the housing is not possible. Always allow the device to cool sufficiently before removal, maintenance work, charging, or similar.

**ATTENTION:**

1. Do not install or operate the device near any radiators, heat registers, stoves, or other heat sources. Ensure that the device is always installed in such a way that it is sufficiently cooled and cannot overheat.
2. Do not place any ignition sources such as burning candles near the device.
3. Ventilation openings must not be covered, and fans must not be blocked.
4. Use the original packaging or packaging provided by the manufacturer for transport.
5. Avoid any impacts to or shaking of the device.
6. Observe the IP protection class and the ambient conditions such as temperature and humidity according to the specifications.
7. Devices can be continuously further developed. In the event of deviating information on operating conditions, performance, or other device properties between the user manual and the device labelling, the information on the device always takes priority.
8. The device is not suitable for tropical climate zones or for operation over 2,000 m above sea level.
9. Unless explicitly stated, the device is not suitable for operation under marine conditions.

**PLEASE NOTE:**

For conversion or retrofit sets or accessories provided by the manufacturer, always follow the enclosed instructions.

**CAUTION! IMPORTANT INFORMATION ON LIGHTING PRODUCTS!**

1. This device is a risk group 2 device. Do not stare at the light source! Do not stare at the light beam! Do not look directly into the lamp with optical instruments such as magnifying glasses or binoculars!
2. Stroboscopic effects may cause epileptic seizures in susceptible individuals!
3. Permanently installed lamps are built into these lighting units. These may not be replaced by the user. The lamps contained in this light source may only be replaced by the manufacturer, its service partner, or a similarly qualified person.



RADIO SIGNAL TRANSMISSION

(FOR EXAMPLE, W-DMX OR AUDIO RADIO SYSTEMS):

The quality and performance of wireless signal transmissions generally depends on the ambient conditions.

For example, the following factors can impact range and signal stability:

Shielding (for example, masonry, metal structures, water)

High volumes of radio traffic (for example, powerful wireless LAN networks)

Interference

Electromagnetic radiation (for example, LED video screens, dimmers)

All range specifications refer to free-field line-of-sight applications without interference!

The operation of radio transmission systems is subject to official regulations. These may vary from region to region and must be checked by the operator before use (for example, radio frequency and transmission power).



WARNING: Devices with wireless signal transmission are not suitable for use in sensitive areas in which radio operation can lead to potentially detrimental interactions. These include:

- Hospitals, health centres, or other healthcare facilities that provide patient treatments with skilled personnel and equipment.
- Class I, II, and III hazardous areas
- Restricted areas
- Military facilities
- Aircraft or vehicles
- Areas where the use of mobile phones is prohibited



TRANSMISSION VIA W-DMX

WARNING:

In general, wireless DMX transmission must not be used for applications involving safety-related factors that might result in personal injury or property damage in the event of a failure.

This applies in particular to moving scene or traverse structures, DMX-controlled motors/lifts or lifting devices for operating DMX-operated platform lifts, hydraulic systems, or comparable moving components.

Furthermore, wireless DMX transmission must not be used to control flame or pyrotechnic devices, explosion-driven effects, or gas or liquid effects. These include CO₂ cannons, confetti shooters, water effects, or similar.

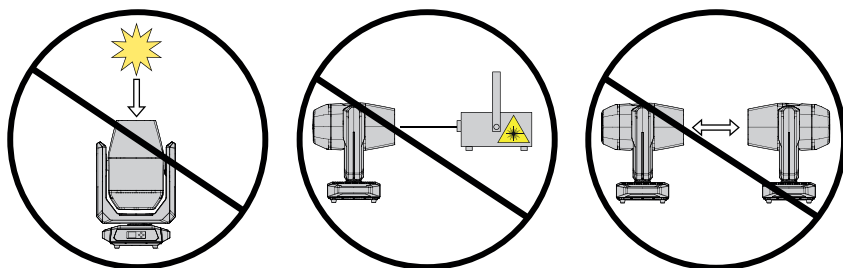


ATTENTION! POTENTIAL DAMAGE FROM EXTERNAL LIGHT SOURCES!

Solar radiation, laser radiation, and bundled light beams from other lights can damage the housing and internal components, such as filters, gobo and colour wheels, motors, cables, belts, as well as light sources!

Do not expose the device and especially the lens opening to direct sunlight, laser radiation, and bundled light beams from other lights during unpacking, installation, prolonged disuse, and operation! Always point the lens opening towards the floor when the device is not in use!

Damage caused by external light sources is excluded from the manufacturer's warranty!



NOTES FOR PORTABLE INDOOR DEVICES

1. Temporary operation! Event equipment is generally only designed for temporary operation.
2. Continuous operation or permanent installation can impair the functionality of the device and cause premature ageing.

PACKAGING CONTENT

Take the product out of the packaging and remove the entire packaging material. Please check the completeness and integrity of the delivery, and notify your distribution partner immediately after purchase if the delivery is not complete or if it is damaged.

The packaging content for the product includes:

- ▶ 1 × P6 LED profiler
- ▶ 1 × Lens hood for installation bays
- ▶ 1 × Mains cable
- ▶ Safety and compliance information (user manual as a download via QR code)

INTRODUCTION

CONTROL FUNCTIONS:

1-channel, 2-channel 16 Bit, 2-channel CCT 3-channel RGB, 4-channel CCT, 6-channel Direct, 6-channel HSI-CCT, 7-channel RGB-CCT, 9-channel RGB-CCT, 10-channel HSI-CCT, 12-channel Direct-CCT, 12-channel Direct 16 Bit, 20-channel Full Access, 6-channel xy, 11-channel xy-CCT, 2-channel UNISENS,

DMX512

Wireless DMX via optionally available Cameo iDMX stick

RDM

Master/slave operation

Stand-alone functions

EZ remote with optionally available Cameo UNICON (product number: CLIREMOTE)

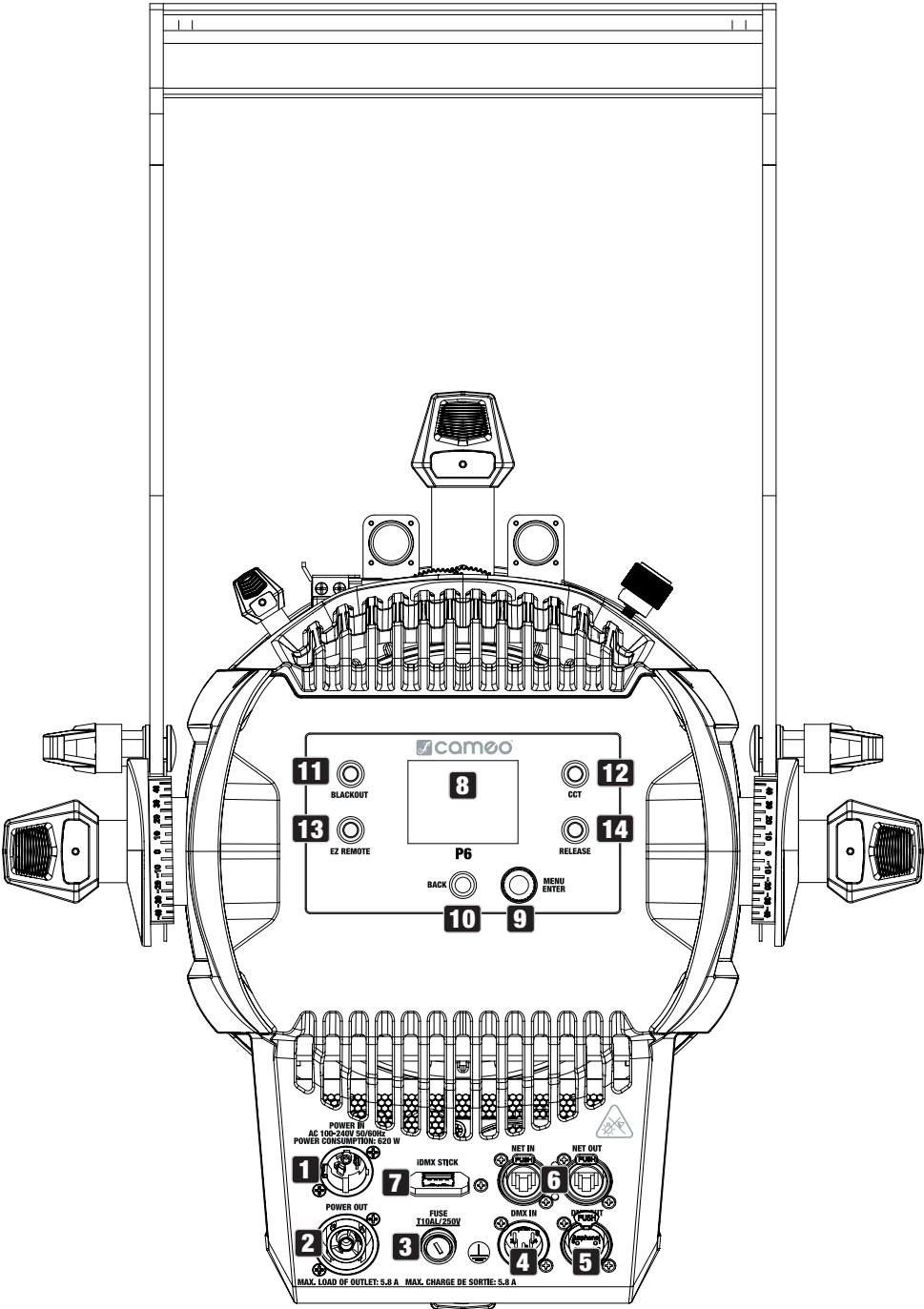
FEATURES:

600 W RGBALC LED. Manual zoom, focus, and frost function. Shutter blade. DMX512. Art-Net and sACN. Connection for optional iDMX stick for wireless control via W-DMX.

Five-pin DMX connections.

The light supports the remote device management (RDM) standard. Remote device management allows the user to request the status of and configure RDM devices using an RDM-capable controller, such as the optionally available Cameo UNICON (product number: CLIREMOTE).

CONNECTIONS AND OPERATING/DISPLAY ELEMENTS



1 POWER IN

Mains input socket. Operating voltage 100–240 V AC/50–60 Hz. Connect using the supplied mains cable.

2 POWER OUT

Mains output socket. Facilitates mains supply to other CAMEO lights. Ensure that the total power consumption of all connected devices does not exceed the value specified on the device in amperes (A).

3 FUSE

Fuse holder for 5 × 20 mm fuses. **IMPORTANT NOTE:** Only replace the fuse with a fuse of the same type and value. In the event of repeated fuse failure, please contact an authorised service centre.

4 DMX IN

Male 5-pin XLR socket for connecting a DMX controller (e.g. DMX console).

5 DMX OUT

Female 5-pin XLR socket for forwarding the DMX control signal.

6 NET IN / NET OUT

RJ45 network connectors for connecting to an Art-Net or sACN network in order to send the control signal. Use CAT 5e or better cables to set up the network.

7 iDMX STICK

Connection for the optional iDMX stick for wireless DMX operation (insert the iDMX stick with the antenna facing upwards). Note the **wireless** settings in the Settings menu.

8 LC DISPLAY

The LC display shows the currently activated operating mode (main display), the menu items in the menu, and the numerical value or operating status in certain menu items. Please note the following about the main display in operating modes with external control: in the event that the control signal is interrupted, the characters in the display begin flashing; once the control signal is present again, the flashing stops.

9 MENU / ENTER

Rotary-push encoder From the main display, press the encoder to enter the main menu. Turn the encoder to move to the desired menu item and press the encoder to open the corresponding menu (the same applies to the sub-menus). Turn the encoder to change a value or status and confirm the entry by pressing the encoder (ENTER). If you press BACK without confirming a value or status change, the previously confirmed value or status is restored.

As soon as the main display is shown in the stand-alone operating modes, the rotary-push encoder can be used as a master dimmer.

10 BACK

Press BACK to move up one level in the menu structure.

11 BLACKOUT

Shortcut button with blackout function. Press the button to activate Blackout. Press the button again to deactivate Blackout.

12 CCT

Shortcut button for directly accessing the CCT stand-alone operating mode. By repeatedly pressing the button, you can successively access seven colour temperature presets (1800 K / 2700 K / 3200 K / 4000 K / 5600 K / 6500 K / 10000 K).

13 EZ REMOTE

Shortcut button for directly accessing the EZ REMOTE operating mode for external control via Cameo UNICON. By repeatedly pressing the button, you can successively assign Fixture ID1 to Fixture ID8 to the light.

14 RELEASE

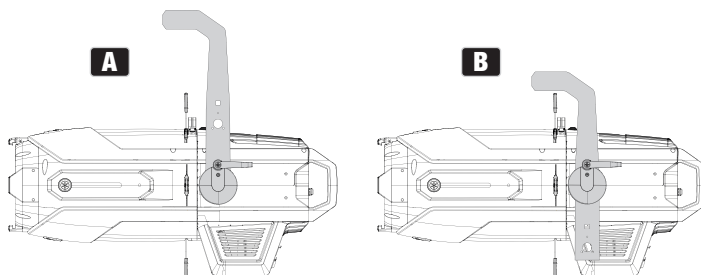
Briefly press the RELEASE button once to return to the main display and simultaneously activate the DMX operating mode.

Press the RELEASE button for about five seconds to perform a factory reset.



15 MOUNTING BRACKET

The mounting bracket can be attached to the light in two positions (A and B). When changing the position, ensure that the mounting bracket is securely re-attached to the light in the intended manner.



16 CLAMP

There is a clamping lever on both sides of the mounting bracket for adjusting the direction of radiation on a vertical plane.

17 LENS BARREL

Lens barrel with shutter blade unit and mounting slots for gobo holder and iris module. The knurled screws for zoom and focus and the knurled knob for the frost filter are also located on the lens barrel.

18 ADJUSTING THE LENS BARREL

The lens barrel can be rotated from 0° to 360°. There is a detent point in each of four positions for better orientation (0°, 90°, 180°, 270°). To rotate the lens barrel, loosen the knurled screw (turn anticlockwise) and rotate the barrel to the desired position. Tighten the knurled screw again after turning the barrel (turn clockwise).



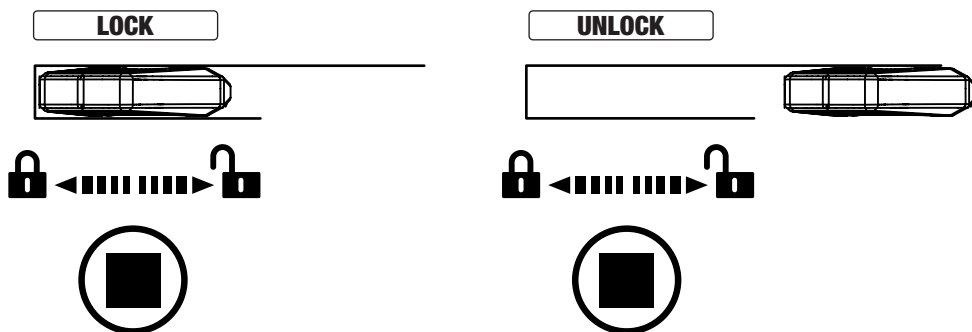
19 SHUTTER BLADE

The light has four shutter blades to limit the light projection (top, bottom, left, right). Release the locking lever no. 20 before adjusting the shutter blades.

20 LOCKING LEVER FOR SHUTTER BLADE

Release the shutter blade for adjustment: push the lever as far as it will go towards the centre of the light (open lock symbol).

Lock the shutter blade: push the lever as far as it will go towards the centre of the light (locked lock symbol).



21 ZOOM

Knurled screw for adjusting the light cone size. Slightly loosen the knurled screw, move it to the desired position, and tighten the screw again (move forwards = larger light cone; move backwards = smaller light cone).

22 FOCUS

Knurled screw for adjusting the projection sharpness. Slightly loosen the knurled screw, move it to the position with the desired projection sharpness, and tighten the screw again.

23 FROST

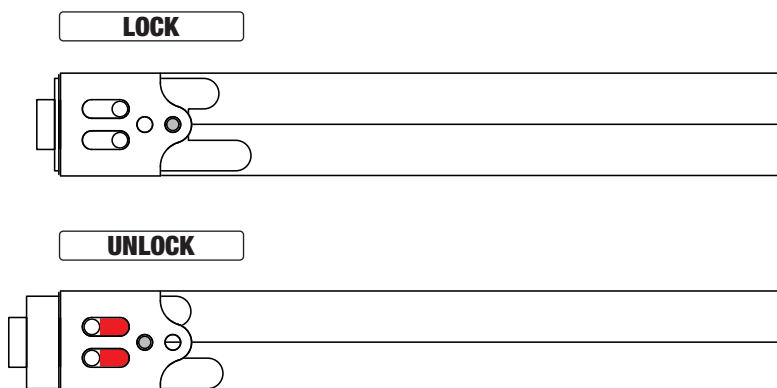
The knurled knob for adjusting the frost filter is located on the opposite side of the zoom knurled screw and is mechanically linked to it (if you move the zoom screw, the frost knob moves).

Turn the knurled knob anticlockwise as far as it will go to remove the frost filter completely from the light beam. Turn the knob clockwise to bring the frost filter into the light beam up to the desired effect (fully clockwise = maximum effect).

24 INSTALLATION SLOT FOR GOBO HOLDER AND IRIS MODULE

(both parts optionally available)

The light has two installation slots into which a gobo holder (product number: CLP6GOBOHOLDER) and an iris module (product number: CLP6IRIS) can be inserted. Both accessories can also be used simultaneously. To insert an accessory, open the locking bar next to the installation slots, remove the lens hood, and insert the corresponding accessory into a slot. Close the locking bar again after insertion.



A gobo can be manually rotated to the desired position using the externally accessible gear wheel (A) (E-size gobo made of borosilicate glass; maximum thickness: 3.5 mm). The iris is also set manually using the externally accessible gear wheel (B).



25 FRONT LENS

The front lens can be replaced with an optional Fresnel lens (product number: CLP6FRESNEL-LENS).

To replace the lens, first disconnect the light from the mains supply (pull out the mains plug). Now loosen the four hexagon socket screws of the lens element (see markings) and remove the element from the lens barrel. Place the element with the Fresnel lens on the lens barrel and secure it with the previously loosened screws.



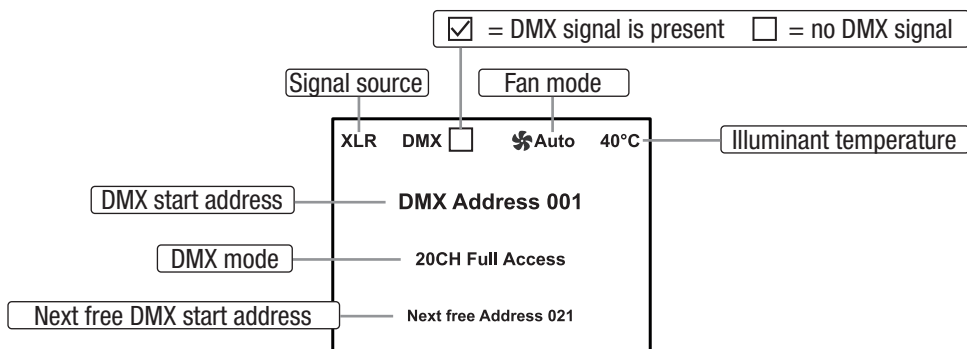
OPERATION

NOTES

Upon switching on the light, the message “Update Wait” is displayed momentarily, followed by “Welcome to Cameo”, the model name, and the software version. After this process, the fixture is ready for operation, and the previously activated operating mode is launched.

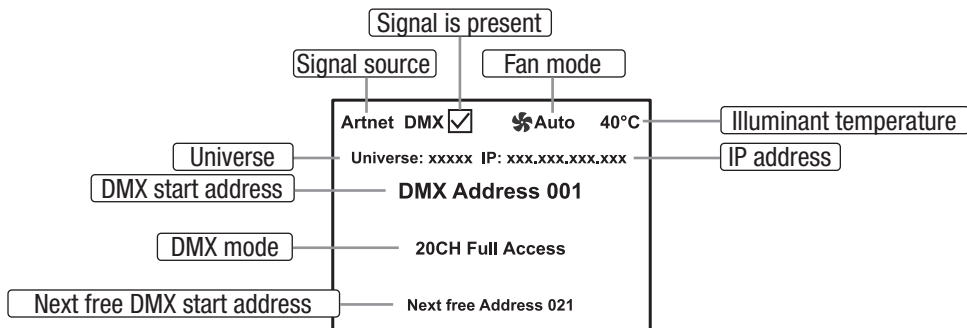
MAIN DISPLAY IN DMX OPERATING MODE

In DMX mode, the main display shows the signal source, the DMX mode, the currently set DMX start address, the next free DMX start address, and other system information (see illustration). Flashing characters in the display indicate that the fixture has no DMX signal.



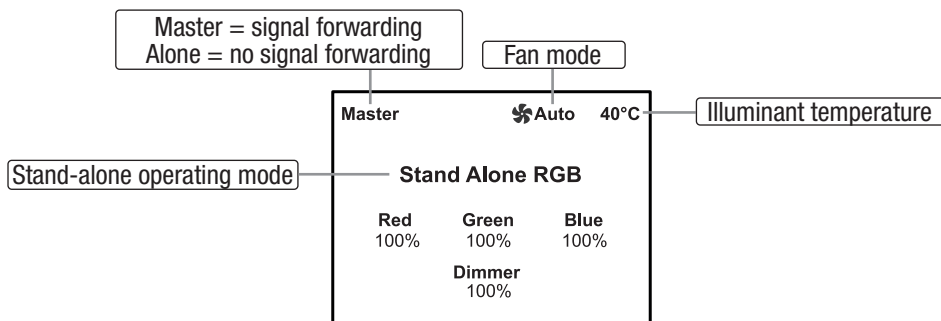
MAIN DISPLAY IN ART-NET AND SACN OPERATING MODE

In the Art-Net or sACN operating mode, the main display shows the DMX mode, the currently set DMX start address, the next free DMX start address, the IP address, the universe, and additional system information (see illustration). Flashing characters in the display indicate that the fixture has no control signal.



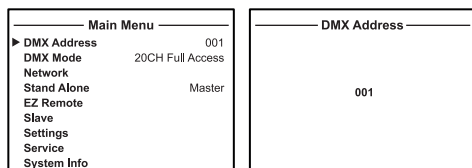
MAIN DISPLAY IN STAND-ALONE OPERATING MODE

The main display shows the currently activated stand-alone operating mode (RGB in the example) and additional system information (see illustration). The relaying of the control signal to slave units is set in the device menu under **Stand Alone** and then **Master/Alone**.



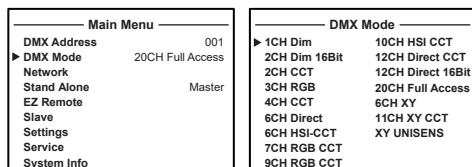
CONFIGURING DMX START ADDRESS (DMX Address)

Starting from the main display, press the encoder to enter the main menu. Rotate the encoder to select the menu item **DMX Address** (note the selection arrow on the left) and confirm by pushing the encoder (ENTER). You can now configure the DMX start address as desired by rotating the encoder (the highest value depends on the selected DMX mode). Confirm your entry by pressing the encoder (ENTER).



CONFIGURING DMX MODE (DMX Mode)

Starting from the main display, press the encoder to enter the main menu. Rotate the encoder to select the menu item **DMX Mode** (note the selection arrow on the left) and confirm by pushing the encoder (ENTER). You can now select the desired DMX mode by turning the encoder. Confirm your selection by pressing the encoder (ENTER).



NETWORK (Network)

Starting from the main display, press the encoder to enter the main menu. Rotate the encoder to select the menu item **Network** (note the selection arrow on the left) and confirm by pushing the encoder (ENTER).

Main Menu	Network
DMX Address 001	► Protocol
DMX Mode 20CH Full Access	Universe
► Network	IP Address
Stand Alone Master	Subnet Mask
EZ Remote	Signal Routing
Slave	
Settings	
Service	
System Info	

Information on the sub-menu items in the Network menu and the corresponding setting options can be found in the table below (select: turn the encoder; confirm: press the encoder; change the value or status: turn the encoder; confirm: press the encoder).

Network Artnet			
Protocol	Artnet	Control via Art-Net	
	sACN	Control via sACN	
Universe	Absolute Univ.	Setting of the absolute Art-Net universe	Dependent on net, subnet, and universe
	Net	Setting of the Art-Net network	Dependent on absolute universe
	Subnet	Setting of the Art-Net subnet	
	Universe	Setting of the Art-Net universe	
IP Address	xxx.xxx.xxx.xxx	Setting of the IP address: Set first block, confirm, set second block, confirm ...	
Subnet Mask	xxx.xxx.xxx.xxx	Setting of the subnet mask: Set first block, confirm, set second block, confirm ...	
Signal Routing	Send to XLR	Relaying of the control signal to XLR Out	
	Backup by XLR	Control via XLR with network signal interruption	
	Receive only	No connection between network signal and XLR connectors	
Network sACN			
Protocol	Artnet	Control via Art-Net	
	sACN	Control via sACN	
Universe		Setting of the sACN universe	

IP Address	xxx.xxx.xxx.xxx	Setting of the IP address: Set first block, confirm, set second block, confirm ...
Subnet Mask	xxx.xxx.xxx.xxx	Setting of the subnet mask: Set first block, confirm, set second block, confirm ...
Signal Routing	Send to XLR	Relaying of the control signal to XLR Out
	Backup by XLR	Control via XLR with network signal interruption
	Receive only	No connection between network signal and XLR connectors

STAND-ALONE MENU MASTER / ALONE

In the stand-alone operating modes, the control signal of the corresponding mode can be output to slave units via XLR. If you do not want to output the control signal, deactivate the output.

Starting from the main display, press the encoder to enter the main menu. Rotate the encoder to select the menu item **Stand Alone** (note the selection arrow on the left) and confirm by pushing the encoder (ENTER). Now select the menu item **Master/Alone** and confirm again.

Main Menu	Stand Alone
DMX Address 001	► Master/Alone
DMX Mode 20CH Full Access	Direct LED
Network	RGB
► Stand Alone Master	CCT
EZ Remote	Color Preset
Slave	HSI
Settings	Color Coordinates
Service	
System Info	

Now select the desired colour and confirm the selection.

Master	Control signal is relayed via DMX OUT
Alone	Control signal is not relayed

DIRECT LED STAND-ALONE MODE

Starting from the main display, press the encoder to enter the main menu. Rotate the encoder to select the menu item **Stand Alone** (note the selection arrow on the left) and confirm by pushing the encoder (ENTER). Now select **Direct LED** and confirm again. Now select the menu item you want to edit, confirm the selection, set the desired value, and confirm the entry.

Main Menu	Stand Alone	Direct LED
DMX Address 001	Master/Alone	► Dimmer 0 ... 100%
DMX Mode 20CH Full Access	► Direct LED	Red 0 ... 100%
Network	RGB	Green 0 ... 100%
► Stand Alone Master	CCT	Blue 0 ... 100%
EZ Remote	Color Preset	Amber 0 ... 100%
Slave	HSI	Lime 0 ... 100%
Settings	Color Coordinates	Cyan 0 ... 100%
Service		
System Info		

STAND-ALONE OPERATING MODE RGB

Starting from the main display, press the encoder to enter the main menu. Rotate the encoder to select the menu item **Stand Alone** (note the selection arrow on the left) and confirm by pushing the encoder (ENTER). Now select **RGB** and confirm again. Now select the menu item you want to edit, confirm the selection, set the desired value, and confirm the entry.

Main Menu	Stand Alone	RGB
DMX Address 001	Master/Alone	► Dimmer 0 ... 100%
DMX Mode 20CH Full Access	Direct LED	Red 0 ... 100%
Network	► RGB	Green 0 ... 100%
► Stand Alone Master	CCT	Blue 0 ... 100%
EZ Remote	Color Preset	
Slave	HSI	
Settings	Color Coordinates	
Service		
System Info		

STAND-ALONE OPERATING MODE CCT (Correlated Colour Temperature)

Starting from the main display, press the encoder to enter the main menu. Rotate the encoder to select the menu item **Stand Alone** (note the selection arrow on the left) and confirm by pushing the encoder (ENTER). Now select **CCT** and confirm again. Now select the menu item you want to edit, confirm the selection, set the desired value, and confirm the entry.

Main Menu	Stand Alone	CCT
DMX Address 001	Master/Alone	► Dimmer 0 ... 100%
DMX Mode 20CH Full Access	Direct LED	CCT 1800 ... 10000
Network	RGB	Tint -10 ... +10
► Stand Alone Master	► CCT	
EZ Remote	Color Preset	
Slave	HSI	
Settings	Color Coordinates	
Service		
System Info		

COLOR PRESET STAND-ALONE OPERATING MODE

Starting from the main display, press the encoder to enter the main menu. Rotate the encoder to select the menu item **Stand Alone** (note the selection arrow on the left) and confirm by pushing the encoder (ENTER). Now select **Color Preset** and confirm again. Select **GEL**, confirm the selection, then select the desired preset, and confirm the selection. Set the desired brightness under **Dimmer** and confirm the entry. The presets in the stand-alone operating mode Color Preset correspond to the presets in the DMX table 20CH Full Access channel 18.

Main Menu	Stand Alone	Color Preset
DMX Address 001	Master/Alone	► Dimmer 0 ... 100%
DMX Mode 20CH Full Access	Direct LED	GEL Rose Purple ... Moonlight White
Network	RGB	
► Stand Alone Master	CCT	
EZ Remote	► Color Preset	
Slave	HSI	
Settings	Color Coordinates	
Service		
System Info		

HSI STAND-ALONE OPERATING MODE (Hue – Saturation – Intensity)

Starting from the main display, press the encoder to enter the main menu. Rotate the encoder to select the menu item **Stand Alone** (note the selection arrow on the left) and confirm by pushing

the encoder (ENTER). Now select **HSI** and confirm again. Now select the menu item you want to edit, confirm the selection, set the desired value, and confirm the entry.

Main Menu	Stand Alone	HSI
DMX Address 001	Master/Alone	► Dimmer 0 ... 100%
DMX Mode 20CH Full Access	Direct LED	Hue 0° ... 360°
Network	RGB	Saturation 0 ... 100%
► Stand Alone Master	CCT	
EZ Remote	Color Preset	
Slave	► HSI	
Settings	Color Coordinates	
Service		
System Info		

COLOR COORDINATES STAND-ALONE OPERATING MODE

Starting from the main display, press the encoder to enter the main menu. Rotate the encoder to select the menu item **Stand Alone** (note the selection arrow on the left) and confirm by pushing the encoder (ENTER). Now select **Color Coordinates** and confirm again.

Main Menu	Stand Alone	Color Coordinates
DMX Address 001	Master/Alone	► By User
DMX Mode 20CH Full Access	Direct LED	By UNISENS
Network	RGB	
► Stand Alone Master	CCT	
EZ Remote	Color Preset	
Slave	HSI	
Settings	► Color Coordinates	
Service		
System Info		

Manual control:

Select **By User** and confirm. Now set the brightness (dimmer) and the x and y coordinates as required (set x / y coordinates: press ENTER once = digits 1 and 2 after the decimal point, press ENTER again: digits 3 and 4 after the decimal point)

By User
► Dimmer 0 ... 100%
x Coordinate 0.0000 ... 0.8500
y Coordinate 0.0000 ... 0.8500

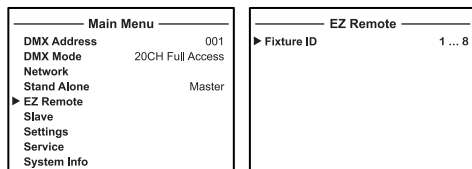
Control via UNISENS:

Select **By UNISENS** and confirm. Connect the UNISENS to the fixture. The colour coordinates are now controlled via UNISENS, and the values are shown on the display. The brightness is set manually.

By UNISENS
► Dimmer 0 ... 100%

EZ REMOTE CONTROL VIA CAMEO UNICON (optionally available)

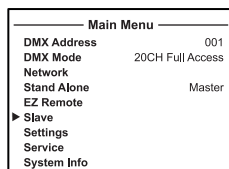
Starting from the main display, press the encoder to enter the main menu. Rotate the encoder to select the menu item **EZ Remote** (note the selection arrow on the left) and confirm by pushing the encoder (ENTER). Now set the desired fixture ID (Fixture ID 1 ... 8) and confirm the entry.



Connect the light and UNICON using a DMX cable, select UNICON **DMX Control** in the menu, then **EZ Remote**, and enter the same unit ID which you set in the light. Now control the light using RGB, GEL, CCT, or HSI. By assigning different unit IDs, up to eight lights (or light groups) can be controlled separately via UNICON.

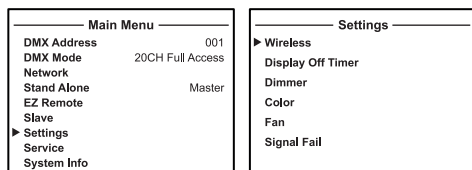
SLAVE MODE

Starting from the main display, press the encoder to enter the main menu. Turn the encoder to select the menu item **Slave** (note the selection arrow on the left) and confirm by pressing the encoder (ENTER). Connect the slave and master units (same model, same software version) using a DMX cable and activate the control signal output in the master unit (Stand Alone -> Master/Alone -> Master) and one of the stand-alone operating modes. The slave unit will now follow the master unit.



SYSTEM SETTINGS (Settings)

Starting from the main display, press the encoder to enter the main menu. Rotate the encoder to select the menu item **Settings** (note the selection arrow on the left) and confirm by pushing the encoder (ENTER).



This will take you to the sub-menu for setting the sub-menu items (see table).

Settings				
Wireless	Configure wireless control (optionally available iDMX stick)	iDMX State	On	Wireless control activated
			Off	Wireless control deactivated
		Signal Routing	Send to XLR	Signal -> DMX OUT
			Receive only	Wireless DMX reception only
Display Off Timer	Display lighting	Always On	Display lighting permanently on	
		Off after 20s	Deactivation after approximately 20 seconds of inactivity	
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	
		Halogen	Tungsten dimmer curve	
	PWM Frequency	1530Hz, 3600Hz, 12kHz, 18.9kHz, 25kHz	Configuration of LED PWM frequency	
	Response (dimmer response)	LED	The light responds immediately to changes in the DMX value	
		Halogen 1 kW	The light behaves in a similar way to a 1 kW halogen light	
		Halogen 2 kW	The light behaves in a similar way to a 2 kW halogen light	
		Halogen 5 kW	The light behaves in a similar way to a 5 kW halogen light	

Dimmer	Redshift Mimics the colour drift when dimming a halogen light. When dimming the light, the colour temperature changes automatically to increasingly warm white and amber tones (and vice versa).	Off	Colour drift is disabled	
		Dim To Warm	Colour drift is enabled	
Color	Quality (Quality of colour reproduction)	High CRI	High colour rendering quality	
		High Brightness	High brightness	
	Source Emulation (Light source emulation)	Halogen	Emulates a halogen bulb	Influences the colour presets
		Discharge	Emulates a discharge lamp	
Fan	Adjust fan control	Auto	Automatic fan control	
		Off	Deactivated fan with greatly reduced brightness	
		Constant Low	Constant low fan speed with reduced brightness, if necessary	
		Constant Medium	Constant average fan speed with reduced brightness, if necessary	
		Constant High	Constant high fan speed	
Signal Fail	Operating status in the event of control signal interruption	Hold	Last command is retained	
		Last Stand Alone	The last activated stand-alone operating mode	
		Blackout	Activates blackout	
		Full	Maximum brightness	

SERVICE MENU (Service)

Starting from the main display, press the encoder to enter the main menu. Turn the encoder to select the menu item **Service** (note the selection arrow on the left) and confirm by pressing the encoder (ENTER).

Main Menu	Service
DMX Address 001	► Store Default
DMX Mode 20CH Full Access	Load Default
Network	Reset Service Timer
Stand Alone Master	Password
EZ Remote	
Slave	
Settings	
► Service	
System Info	

Information on the sub-menu items in the Service menu and the corresponding setting options can be found in the table below.

Store Default	User A	Store all system settings in Preset User A
	User B	Store all system settings in Preset User B
	User C	Store all system settings in Preset User C
Load Default	Factory	Reset to factory setting
	User A	Reset to User A values
	User B	Reset to User B values
	User C	Reset to User C values
Reset Service Timer	No	Cancel operation
	Reset now	Reset service operating time
Password	For service purposes only	

SYSTEM INFORMATION (System Info)

Starting from the main display, press the encoder to enter the main menu. Rotate the encoder to select the menu item **System Info** (note the selection arrow on the left) and confirm by pushing the encoder ENTER).

Main Menu	System Info
DMX Address 001	► Firmware
DMX Mode 20CH Full Access	Temperature
Network	Fan Speed
Stand Alone Master	Runtime
EZ Remote	MAC Address
Slave	RDM UID
Settings	Error Info
Service	
► System Info	

This will take you to the sub-menu for accessing the sub-menu items:

Firmware	xxx	Vx.x	Display of the firmware version of the corresponding component	
	yyy	Vx.x		
Temperature	LED	xxx °C/°F	Display the temperature of the corresponding component	
	PSU	xxx °C/°F		
	Temperature Unit	°C	Set the temperature unit	
		°F		
Fan Speed	LED Fan 1	xxx RPM	Display of the corresponding fan's speed	
	LED Fan 2	xxx RPM		
	LED Fan 3	xxx RPM		
	LED Fan 4	xxx RPM		
	PSU Fan	xxx RPM		
Runtime	Total		xxxx h : xx m	Total operating time
	Operation		xxxx h : xx m	Usable time
	LED	Total	xxxx h : xx m	Lamp operating time
		Red	xxxx h : xx m	Red operating time
		Green	xxxx h : xx m	Green operating time
		Blue	xxxx h : xx m	Blue operating time
		Amber	xxxx h : xx m	Amber operating time
		Lime	xxxx h : xx m	Lime operating time
		Cyan	xxxx h : xx m	Cyan operating time
	Service		xxxx h : xx m	Operating time since the last reset of the service operating time
MAC Address	MAC address			
RDM-UID	RDM unique identifier			
Error Info	Error display			

INSTALLATION

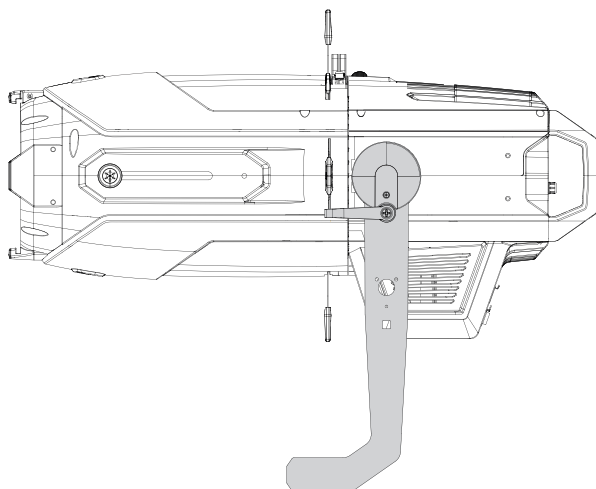


DANGER: Installation, especially overhead installation, requires extensive experience, relevant and up-to-date expertise and competence, including the calculation of working load limits, of the installation material used, and regular safety checks of all installation materials and fixtures! If you do not have these qualifications, do not attempt to carry out an installation yourself, but use the help of appropriately qualified specialist companies! There is a risk that devices that are incorrectly mounted and secured may come loose and fall down. This can cause serious injury or death.

Installation on a truss is possible with a truss clamp, which is attached to the mounting bracket (A, suitable truss clamp optionally available). Ensure firm connections and secure the light to the safety bar (B) with a suitable safety cable.



For tripod mounting, mount the mounting bracket on the light so that the bracket arm points towards the front of the light. This ensures the tripod stop is positioned closely with the light's centre of gravity (see illustration below). Ensure that the mounting bracket is securely re-attached to the light in the intended manner. Only use tripods that are suitable for the light weight and the respective application!



CARE, MAINTENANCE, AND REPAIR

In order to ensure the long-term, proper functioning of the device, it must be regularly cleaned and, if necessary, serviced. The care and maintenance required depends on the intensity of use and the environment in which it is used.

We recommend a visual inspection before each operation. Furthermore, we recommend carrying out all the applicable service measures specified below once every 500 operating hours or, in the case of a lower intensity of use, at the latest after one year. Warranty claims may be limited should defects result from inadequate service and maintenance.

CARE (carried out by user)



WARNING! Before carrying out any maintenance work, the power supply and, if possible, all device connections must be unplugged.



PLEASE NOTE! Improper care can lead to impairment or even destruction of the device.

1. Housing surfaces must be cleaned with a clean, damp cloth. Make sure that no moisture can penetrate the device.
2. Air inlets and outlets must be regularly cleaned of dust and dirt. If compressed air is used, make sure that damage to the device is prevented (for example, fans must be blocked in this case).
3. Cables and connectors must be cleaned regularly, and dust and dirt must be removed.
4. In general, no cleaning agents or abrasive agents may be used; otherwise, the surface finish may be damaged.
5. Devices must generally be stored dry and protected from dust and dirt.

MAINTENANCE AND REPAIR (by qualified personnel only)



HAZARD! There are live components in the device. Even after disconnecting the mains connection, there may still be residual voltage in the device, for example, due to charged capacitors.



PLEASE NOTE! There are no user-serviceable assemblies in the device.



PLEASE NOTE! Maintenance and repair work may only be carried out by qualified specialist personnel authorised by the manufacturer. If in doubt, consult the manufacturer.



PLEASE NOTE! Improperly performed maintenance work may affect warranty claims.

OPTIONAL ACCESSORIES

CLIDMXSTICKG2

Wireless DMX receiver

CLP6GOBOHOLDER

Gobo holder for E-size gobos made of borosilicate glass; maximum thickness: 3.5 mm; gobo can be rotated manually

CLP6IRIS

Manually adjustable iris

CLP6FRESNELLENS

Fresnel lens

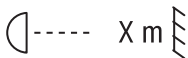
TECHNICAL DATA

Product number	CLP6
Product type	Profile light
Illuminant type	LED
Light output	600 W
Lighting power	16,000 lm
Front lens	150 mm (interchangeable with optional Fresnel lens)
Beam angle (zoom)	4.7° to 46.4° (manually adjustable)
Focus	Manually adjustable
LED PWM frequency	1530 Hz; 3600 Hz; 12 kHz; 18.9 kHz; 25 kHz
Dimmer resolution	16 bit
Dimmer curves	Linear; exponential; logarithmic; S-curve; Tungsten
Colour mixing functions	x-y, RGBALC, HSI, RGB, CCT + Tint, 242 colour presets
LED colours	RGBALC
Correlated colour temperature (CCT)	1800K ... 10000K
Halogen simulation Redshift/DTW	Yes
Response time halogen simulation	1 kW; 2 kW; 5 kW

ENGLISH	Colour calibration	Yes
	Colour rendering index (CRI)	98 @ 5600K
	TLCI	94 @ 5600K
	Strobe	0 Hz ... 20 Hz
	Effect	Linear frost filter, manually adjustable
DEUTSCH	Installation shaft	2 pieces (for optionally available gobo holder and iris module extensions)
	Shutter blade	4-fold
	Shutter blade rotation	Yes
	Rotation module	360°
FRANCAIS	Control protocols	DMX; RDM; Wireless DMX via iDMX stick (optionally available); Art-Net; sACN
	Number of DMX control modes	16
	Stand-alone operating modes	Master/Slave; CCT; Direct; RGB; HSI; Color Coordinates; Color Presets
ESPAÑOL	Data input connection	Five-pin XLR male; Ethernet
	Data output connector	Five-pin XLR female; Ethernet
	Operating voltage	100–240 V AC, 50–60 Hz
	Power consumption	620 W
	Min. power factor Cos Phi (230 V)	0.99 / 0.8 in stand-by mode
POLSKI	Current consumption	2.7 A
	Inrush current	68 A / 30 µsec
	Mains input	Seetronic TR1
	Mains output	Seetronic TR1
	Max. mains output current	5.8 A
ITALIANO	Fuse	T10 AL / 250 V
	Display and control elements	LC display and MENU/ENTER (turn/push encoder), BACK, CCT, RELEASE, EZ REMOTE
	Housing material	Metal
DMX	Colour	Black
	Cooling system	Temperature-controlled fan
	Cooling modes	Off; Auto; Constant Low; Constant Mid; Constant High
	Protection class	IP20
	Risk group	RG2

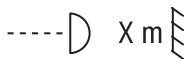
Ambient temperature (in operation)	0°C ... 40°C
Humidity	0% ... 80% (non-condensing)
Minimum distance to illuminated surface	3 m
Minimum distance to normally flammable materials	0.2 m
Dimensions (W × H × D)	730 × 579 × 410 mm
Weight	20.9 kg
Included accessories	Mains cable; lens hood for installation slots
Optional accessories	Fresnel lens (CLP6FRESNELLENS); gobo holder (CLP6GOBOHOLDER); iris module (CLP6IRIS)

MINIMUM DISTANCE TO ILLUMINATED SURFACE



This symbol with the distance stated in metres (m) indicates the minimum distance of the light fixture to the illuminated surface. The value valid for this device can be found in the technical data in this manual and is printed on the device!

MINIMUM DISTANCE TO NORMALLY FLAMMABLE MATERIALS



This symbol with the distance stated in metres (m) indicates the minimum distance of the device to normally flammable materials. The value valid for this device can be found in the technical data in this manual!

DISPOSAL



PACKAGING:

1. Packaging can be recycled using the usual disposal methods.
2. Please separate the packaging in accordance with the disposal laws and recycling regulations in your country.



DEVICE:

1. This device is subject to the European Directive on Waste Electrical and Electronic Equipment, as amended. WEEE Directive Waste Electrical and Electronic Equipment. Waste equipment does not belong in household waste. Waste equipment must be disposed of via an authorised waste disposal company or a municipal waste disposal facility. Please observe the applicable regulations in your country!
2. Observe all disposal laws and regulations applicable in your country.
3. As a private customer, you can obtain information on environmentally-friendly disposal options from the seller of the product or the appropriate regional authorities.

MANUFACTURER'S DECLARATIONS

Manufacturer's warranty and limitation of liability

Adam Hall GmbH, Adam-Hall-Str. 1, 61267 Neu Anspach, Germany

Email: Info@adamhall.com / +49 (0)6081 / 9419-0

Our current warranty conditions and limitation of liability can be found at:

https://cdn-shop.adamhall.com/media/pdf/Manufacturers-Declarations-CAMEO_DE_EN_ES_FR.pdf

For service requests, please contact your distribution partner.

CE conformity

Adam Hall GmbH hereby confirms that this product meets the following guidelines

(where applicable):

Low-Voltage Directive (2014/35/EU)

EMC Directive (2014/30/EU)

RoHS (2011/65/EU)

RED (2014/53/EU)

EC Declaration of Conformity

Declarations of conformity for products subject to the LVD, EMC, and RoHS Directives can be requested from info@adamhall.com

Declarations of conformity for products subject to RED can be downloaded from www.adamhall.com/compliance/

Subject to misprints and errors, as well as technical or other modifications!

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

1CH Dim	2CH Dim 16Bit				
Colour: last selected stand-alone mode					
Channel	Channel	Function	Values		
1	1	Dimmer	000	-	255
	2	Dimmer fine	000	-	255
0% to 100%					

2CH CCT	4CH CCT				
Channel	Channel	Function	Values		
1	1	Dimmer	000	-	255
	2	Dimmer fine	000	-	255
2	3	Color Temperature	000	-	005
			Off		
			006	-	006
			Warm white		
			007	-	046
			Warm white to 2700K		
			047	-	047
			Bulb White (2700K)		
			048	-	087
			2700K to 3200K		
			088	-	088
			Halogen White (3200K)		
			089	-	128
			3200K to 4000K		
129	-	129			
Neutral White (4000K)					
130	-	169			
4000K to 5600K					
170	-	170			
Studio White (5600K)					
171	-	210			
5600K to 6500K					
211	-	211			
Daylight White (6500K)					
212	-	251			
6500K to Cold white					
252	-	255			
Cold white					
	4	Tint (affects Color Temperature)	000	-	000
			Off		
			001	-	127
			Magenta -> Neutral		
			128	-	128
Neutral					
			129	-	255
Neutral -> Green					

3CH RGB	6CH Direct				
Channel	Channel	Function	Values		
1	1	Red	000	-	255
0% to 100%					
2	2	Green	000	-	255
0% to 100%					
3	3	Blue	000	-	255
0% to 100%					
	4	Amber	000	-	255
	0% to 100%				
	5	Lime	000	-	255
0% to 100%					
	6	Cyan	000	-	255
0% to 100%					

6CH HSI-CCT	7CH RGB-CCT				
Channel	Channel	Function	Values		
1	1	Dimmer	000	-	255
2	2	Dimmer fine	000	-	255
	3	Red	000	-	255
	4	Green	000	-	255
	5	Blue	000	-	255
3		Hue	000	-	255
4		Saturation	000	-	255
5	6	Color Temperature (affects Color Mixing)	000	-	005
			006	-	006
			007	-	046
			047	-	047
			048	-	087
			088	-	088
			089	-	128
			129	-	129
			130	-	169
			170	-	170
			171	-	210
			211	-	211
			212	-	251
			252	-	255
6	7	Tint (affects Color Temperature)	000	-	000
			001	-	127
			128	-	128
			129	-	255

9CH RGB-CCT	12CH Direct CCT				
Channel	Channel	Function	Values		
1	1	Dimmer	000	-	255
2	2	Dimmer fine	000	-	255
3	3	Strobe Functions	000	-	005
			006	-	010
			011	-	022
			023	-	033
			034	-	045
			046	-	056
			057	-	068

ENGLISH	3	3	Strobe Functions	069	-	079	Ramp down random slow to fast
				080	-	102	Random Strobe effect slow to fast
				103	-	127	Strobe Break effect 5s to 1s (short burst with break)
				128	-	250	Strobe slow to fast (<1Hz to 20Hz)
				251	-	255	Open
DEUTSCH	4	4	Red	000	-	255	0% to 100%
	5	5	Green	000	-	255	0% to 100%
	6	6	Blue	000	-	255	0% to 100%
		7	Amber	000	-	255	0% to 100%
FRANCAIS		8	Lime	000	-	255	0% to 100%
		9	Cyan	000	-	255	0% to 100%
ESPAÑOL	7	10	Color Temperature (affects Color Mixing)	000	-	005	Off
				006	-	006	Warm white
				007	-	046	Warm white to 2700K
				047	-	047	Bulb White (2700K)
				048	-	087	2700K to 3200K
				088	-	088	Halogen White (3200K)
				089	-	128	3200K to 4000K
				129	-	129	Neutral White (4000K)
				130	-	169	4000K to 5600K
				170	-	170	Studio White (5600K)
				171	-	210	5600K to 6500K
				211	-	211	Daylight White (6500K)
				212	-	251	6500K to Cold white
POLSKI	8	11	Tint (affects Color Temperature)	252	-	255	Cold white
				000	-	000	Off
				001	-	127	Magenta -> Neutral
				128	-	128	neutral
ITALIANO				129	-	255	Neutral -> Green
				000	-	073	No function
DMX	9	12	Device settings (hold value for 3 seconds) (please read remark 1*)	074	-	075	Dimmer Response LED
				076	-	077	Dimmer Response Halogen 1kW
				078	-	079	Dimmer Response Halogen 2kW
				080	-	081	Dimmer Response Halogen 5kW
				082	-	083	DTW (Redshift) On
				084	-	085	DTW (Redshift) Off
				086	-	097	No function
				098	-	099	Fan Auto
				100	-	101	Fan Off
				102	-	103	Fan Constant Low

9	12	Device settings (hold value for 3 seconds) (please read remark 1*)	104	-	105	Fan Constant Medium
			106	-	107	Fan Constant High
			108	-	121	No function
			122	-	123	PWM 1 (1530 Hz)
			124	-	125	PWM 2 (3600 Hz)
			126	-	127	PWM 3 (12000 Hz)
			128	-	129	PWM 4 (18900 Hz)
			130	-	131	PWM 5 (25000 Hz)
			132		133	Halogen Emulation
			134	-	135	Discharge Emulation
			136	-	137	Color Quality High CRI
			138	-	139	Color Quality High Brightness
			140	-	141	Display Always On
			142	-	143	Display Off after 20s
			144	-	163	No function
			164	-	165	Dimmer Curve Linear
			166	-	167	Dimmer Curve Exponential
			168	-	169	Dimmer Curve Logarithmic
			170	-	171	Dimmer Curve S-Curve
			172	-	173	Dimmer Curve Halogen
			174	-	239	No function
			240	-	241	Load Factory Defaults
			242	-	243	No function
			244	-	245	Load User Default A
			246	-	247	Load User Default B
			248	-	249	Load User Default C
			250	-	255	No function

**12CH
Direct
16Bit**

Channel	Function	Values			
1	Red	000	-	255	0% to 100%
2	Red fine	000	-	255	
3	Green	000	-	255	
4	Green fine	000	-	255	0% to 100%
5	Blue	000	-	255	
6	Blue fine	000	-	255	
7	Amber	000	-	255	0% to 100%
8	Amber fine	000	-	255	
9	Lime	000	-	255	
10	Lime fine	000	-	255	0% to 100%
11	Cyan	000	-	255	
12	Cyan fine	000	-	255	

**6CH
x y**

Channel	Function	Values			
1	Dimmer	000	-	255	0% to 100%
2	Dimmer fine	000	-	255	
3	x	000	-	255	0.0000 to 0.8500
4	x fine	000	-	255	
5	y	000	-	255	0.0000 to 0.8500
6	y fine	000	-	255	

**2CH
UNISENS**

Channel	Function	Values			
1	Dimmer	000	-	255	0% to 100%
2	Dimmer fine	000	-	255	
484	x	000	-	255	0.0000 to 0.8500
485	x fine	000	-	255	
486	y	000	-	255	0.0000 to 0.8500
487	y fine	000	-	255	

**10CH
HSI-CCT****20CH
Full
Access**

Channel	Channel	Function	Values			
1	1	Dimmer	000	-	255	0% to 100%
2	2	Dimmer fine	000	-	255	
3	3	Strobe Functions	000	-	005	Open
			006	-	010	Closed
			011	-	022	Ramp up/down slow to fast
			023	-	033	Ramp up/down random slow to fast
			034	-	045	Ramp up slow to fast
			046	-	056	Ramp up random slow to fast
			057	-	068	Ramp down slow to fast
			069	-	079	Ramp down random slow to fast
			080	-	102	Random Strobe effect slow to fast
			103	-	127	Strobe Break effect 5s to 1s (short burst with break)
			128	-	250	Strobe slow to fast (<1Hz to 20Hz)
			251	-	255	Open

	4	Red	000	-	255	0% to 100%
	5	Red fine	000	-	255	
	6	Green	000	-	255	0% to 100%
	7	Green fine	000	-	255	
	8	Blue	000	-	255	0% to 100%
	9	Blue fine	000	-	255	
	10	Amber	000	-	255	0% to 100%
	11	Amber fine	000	-	255	
	12	Lime	000	-	255	0% to 100%
	13	Lime fine	000	-	255	
	14	Cyan	000	-	255	0% to 100%
	15	Cyan fine	000	-	255	
4		Hue	000	-	255	0° (Red) to 360°
5		Saturation	000	-	255	0% (White) to 100% (Color)
6	16	Color Temperature (affects Color Mixing)	000	-	005	Off
			006	-	006	Warm white
			007	-	046	Warm white to 2700K
			047	-	047	Bulb White (2700K)
			048	-	087	2700K to 3200K
			088	-	088	Halogen White (3200K)
			089	-	128	3200K to 4000K
			129	-	129	Neutral White (4000K)
			130	-	169	4000K to 5600K
			170	-	170	Studio White (5600K)
			171	-	210	5600K to 6500K
			211	-	211	Daylight White (6500K)
			212	-	251	6500K to Cold white
			252	-	255	Cold white
7	17	Tint (affects Color Temperature)	000	-	000	Off
			001	-	127	Magenta -> Neutral
			128	-	128	neutral
			129	-	255	Neutral -> Green
8	18	Color Presets (override HSI, Color Mixing & Color Temperature)	000	-	005	No function
			006	-	006	048 Rose Purple
			007	-	007	797 Deep Purple
			008	-	008	049 Medium Purple
			009	-	009	126 Mauve
			010	-	010	798 Chrysalis Pink
			011	-	011	341 Plum
			012	-	012	345 Fuchsia Pink
			013	-	013	703 Cold Lavender
			014	-	014	052 Light Lavender
			015	-	015	704 Lily
			016	-	016	039 Pink Incarnation

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Color Presets
(override HSI, Color
Mixing & Color
Temperature)

017	-	017	170 Deep Lavender
018	-	018	136 Pale Lavender
019	-	019	169 Lilac Tint
020	-	020	702 Special Pale Lavender
021	-	021	137 Special Lavender
022	-	022	194 Surprise Pink
023	-	023	058 Lavender
024	-	024	180 Dark Lavender
025	-	025	343 Special Medium Lavender
026	-	026	701 Provence
027	-	027	700 Perfect Lavender
028	-	028	181 Congo Blue
029	-	029	707 Ultimate Violet
030	-	030	706 King Fals Lavender
031	-	031	709 Electric Lilac
032	-	032	142 Pale Violet
033	-	033	199 Regal Blue
034	-	034	508 Midnight Maya
035	-	035	799 Special KH Lavender
036	-	036	071 Tokyo Blue
037	-	037	713 J.Winter Blue
038	-	038	710 Spir Special Blue
039	-	039	198 Palace Blue
040	-	040	716 Mikkel Blue
041	-	041	195 Zenith Blue
042	-	042	715 Cabana Blue
043	-	043	344 Violet
044	-	044	723 Virgin Blue
045	-	045	721 Berry Blue
046	-	046	120 Deep Blue
047	-	047	363 Special Medium Blue
048	-	048	085 Deeper Blue
049	-	049	119 Dark Blue
050	-	050	722 Bray Blue
051	-	051	079 Just Blue
052	-	052	714 Elysian Blue
053	-	053	075 Evening Blue
054	-	054	525 Argent Blue
055	-	055	197 Alice Blue
056	-	056	712 Bedford Blue
057	-	057	200 Double C.T. Blue
058	-	058	719 Colour Wash Blue
059	-	059	711 Cold Blue
060	-	060	500 Double New Colour Blue

8	18	Color Presets (override HSI, Color Mixing & Color Temperature)	061	-	061	501 New Colour Blue (Robertson Blue)
			062	-	062	708 Cool Lavender
			063	-	063	053 Paler Lavender
			064	-	064	502 Half New Colour Blue
			065	-	065	503 Quarter New Colour Blue
			066	-	066	203 Quarter C.T. Blue
			067	-	067	600 Arctic White
			068	-	068	601 Silver
			069	-	069	061 Mist Blue
			070	-	070	063 Pale Blue
			071	-	071	202 Half C.T. Blue
			072	-	072	281 Three Quarter C.T. Blue
			073	-	073	201 Full C.T. Blue
			074	-	074	283 One and a Half C.T. Blue
			075	-	075	366 Cornflower
			076	-	076	174 Dark Steel Blue
			077	-	077	161 Slate Blue
			078	-	078	068 Sky Blue
			079	-	079	132 Medium Blue
			080	-	080	165 Daylight Blue
			081	-	081	352 Glacier Blue
			082	-	082	143 Pale Navy Blue
			083	-	083	196 True Blue
			084	-	084	727 QFD Blue
			085	-	085	141 Bright Blue
			086	-	086	183 Moonlight Blue
			087	-	087	118 Light Blue
			088	-	088	724 Ocean Blue
			089	-	089	144 No Colour Blue
			090	-	090	725 Old Steel Blue
			091	-	091	117 Steel Blue
			092	-	092	140 Summer Blue
			093	-	093	353 Lighter Blue
			094	-	094	172 Lagoon Blue
			095	-	095	354 Special Steel Blue
			096	-	096	729 Scuba Blue
			097	-	097	116 Medium Blue-Green
			098	-	098	115 Peacock Blue
			099	-	099	327 Forest Green
			100	-	100	325 Mallard Green
			101	-	101	124 Dark Green
			102	-	102	735 Velvet Green
			103	-	103	323 Jade

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Color Presets
(override HSI, Color
Mixing & Color
Temperature)

104	-	104	322 Soft Green
105	-	105	131 Marine Blue
106	-	106	219 LEE Fluorescent Green
107	-	107	241 LEE Fluorescent 5700 Kelvin
108	-	108	728 Steel Green
109	-	109	504 Waterfront Green
110	-	110	730 Liberty Green
111	-	111	242 LEE Fluorescent 4300 Kelvin
112	-	112	243 LEE Fluorescent 3600 Kelvin
113	-	113	213 White Flame Green
114	-	114	246 Quarter Plus Green
115	-	115	731 Dirty Ice
116	-	116	733 Damp Squib
117	-	117	245 Half Plus Green
118	-	118	244 LEE Plus Green
119	-	119	138 Pale Green
120	-	120	088 Lime Green
121	-	121	505 Sally Green
122	-	122	738 JAS Green
123	-	123	121 LEE Green
124	-	124	122 Fern Green
125	-	125	089 Moss Green
126	-	126	139 Primary Green
127	-	127	090 Dark Yellow Green
128	-	128	736 Twickenham Green
129	-	129	740 Aurora Borealis Green
130	-	130	741 Mustard Yellow
131	-	131	642 Half Mustard Yellow
132	-	132	650 Industry Sodium
133	-	133	746 Brown
134	-	134	653 LO Sodium
135	-	135	742 Bram Brown
136	-	136	208 Full C.T. Orange + .6ND
137	-	137	207 Full C.T. Orange + .3ND
138	-	138	232 Super Correction W.F. Green
139	-	139	230 Super Correction L.C.T. Yellow
140	-	140	156 Chocolate
141	-	141	237 C.I.D. (to Tungsten)
142	-	142	747 Easy White

8	18	Color Presets (override HSI, Color Mixing & Color Temperature)	143	-	143	238 C.S.I. (to Tungsten)
			144	-	144	152 Pale Gold
			145	-	145	162 Bastard Amber
			146	-	146	506 Marlene
			147	-	147	009 Pale Amber Gold
			148	-	148	205 Half C.T. Orange
			149	-	149	442 Half C.T. Straw
			150	-	150	013 Straw Tint
			151	-	151	764 Sun Colour Straw
			152	-	152	103 Straw
			153	-	153	206 Quarter C.T. Orange
			154	-	154	443 Quarter C.T. Straw
			155	-	155	763 Wheat
			156	-	156	212 L.C.T.Yellow (Y1)
			157	-	157	007 Pale Yellow
			158	-	158	765 LEE Yellow
			159	-	159	102 Light Amber
			160	-	160	550 ALD Gold
			161	-	161	100 Spring Yellow
			162	-	162	010 Medium Yellow
			163	-	163	101 Yellow
			164	-	164	767 Oklahoma Yellow
			165	-	165	104 Deep Amber
			166	-	166	015 Deep Straw
			167	-	167	768 Egg Yolk Yellow
			168	-	168	179 Chrome Orange
			169	-	169	020 Medium Amber
			170	-	170	770 Burnt Yellow
			171	-	171	105 Orange
			172	-	172	777 Rust
			173	-	173	652 Urban Sodium
			174	-	174	287 Double C.T. Orange
			175	-	175	204 Full C.T. Orange
			176	-	176	441 Full C.T. Straw
			177	-	177	744 Dirty White
			178	-	178	285 Three Quarter C.T. Orange
			179	-	179	236 H.M.I. (to Tungsten)
			180	-	180	651 HI Sodium
			181	-	181	017 Surprise Peach
			182	-	182	134 Golden Amber
			183	-	183	147 Apricot
			184	-	184	776 Nectarine
			185	-	185	773 Cardbox Amber
			186	-	186	108 English Rose

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

8

18

Color Presets
(override HSI, Color
Mixing & Color
Temperature)

187	-	187	008 Dark Salmon
188	-	188	779 Bastard Pink
189	-	189	158 Deep Orange
190	-	190	021 Gold Amber
191	-	191	778 Millennium Gold
192	-	192	780 AS Golden Amber
193	-	193	022 Dark Amber
194	-	194	135 Deep Golden Amber
195	-	195	025 Sunset Red
196	-	196	507 Madge
197	-	197	019 Fire
198	-	198	164 Flame Red
199	-	199	182 Light Red
200	-	200	781 Terry Red
201	-	201	106 Primary Red
202	-	202	789 Blood Red
203	-	203	787 Marius Red
204	-	204	027 Medium Red
205	-	205	029 Plasa Red
206	-	206	026 Bright Red
207	-	207	024 Scarlet
208	-	208	157 Pink
209	-	209	107 Light Rose
210	-	210	109 Light Salmon
211	-	211	176 Loving Amber
212	-	212	790 Moroccan Pink
213	-	213	036 Medium Pink
214	-	214	192 Flesh Pink
215	-	215	111 Dark Pink
216	-	216	794 Pretty n Pink
217	-	217	002 Rose Pink
218	-	218	328 Follies Pink
219	-	219	795 Magical Magenta
220	-	220	128 Bright Pink
221	-	221	793 Vanity Fair
222	-	222	193 Rosy Amber
223	-	223	332 Special Rose Pink
224	-	224	148 Bright Rose
225	-	225	046 Dark Magenta
226	-	226	113 Magenta
227	-	227	166 Pale Red
228	-	228	127 Smokey Pink
229	-	229	748 Seedy Pink
230	-	230	110 Middle Rose

8	18	Color Presets (override HSI, Color Mixing & Color Temperature)	231	-	231	247 LEE Minus Green
			232	-	232	035 Light Pink
			233	-	233	153 Pale Salmon
			234	-	234	004 Medium Bastard Amber
			235	-	235	151 Gold Tint
			236	-	236	154 Pale Rose
			237	-	237	248 Half Minus Green
			238	-	238	249 Quarter Minus Green
			239	-	239	279 Eighth Minus Green
			240	-	240	003 Lavender Tint
			241	-	241	218 Eighth C.T. Blue
			242	-	242	278 Eighth Plus Green
			243	-	243	159 No Colour Straw
			244	-	244	223 Eighth C.T. Orange
			245	-	245	444 Eighth C.T. Straw
			246	-	246	602 Platinum
			247	-	247	603 Moonlight White
			248	-	255	No function
9	19	Color Crossfade (affects HSI, CCT and Color Presets)	000	-	005	0s (Off)
			006	-	105	0,1s - 10s (0,1s Steps)
			106	-	214	11s - 119s (1s Steps)
			215	-	244	2m - 4m50s (10s Steps)
			245	-	255	5m - 15m (1m Steps)
10	20	Device settings (hold value for 3 seconds) (please read remark 1*)	000	-	073	No function
			074	-	075	Dimmer Response LED
			076	-	077	Dimmer Response Halogen 1kW
			078	-	079	Dimmer Response Halogen 2kW
			080	-	081	Dimmer Response Halogen 5kW
			082	-	083	DTW (Redshift) On
			084	-	085	DTW (Redshift) Off
			086	-	097	No function
			098	-	099	Fan Auto
			100	-	101	Fan Off
			102	-	103	Fan Constant Low
			104	-	105	Fan Constant Medium
			106	-	107	Fan Constant High
			108	-	121	No function
			122	-	123	PWM 1 (1530 Hz)
			124	-	125	PWM 2 (3600 Hz)
			126	-	127	PWM 3 (12000 Hz)
			128	-	129	PWM 4 (18900 Hz)
			130	-	131	PWM 5 (25000 Hz)
			132	-	133	Halogen Emulation
			134	-	135	Discharge Emulation

10	20	Device settings (hold value for 3 seconds) (please read remark 1*)	136	-	137	Color Quality High CRI
			138	-	139	Color Quality High Brightness
			140	-	141	Display Always On
			142	-	143	Display Off after 20s
			144	-	163	No function
			164	-	165	Dimmer Curve Linear
			166	-	167	Dimmer Curve Exponential
			168	-	169	Dimmer Curve Logarithmic
			170	-	171	Dimmer Curve S-Curve
			172	-	173	Dimmer Curve Halogen
			174	-	239	No function
			240	-	241	Load Factory Defaults
			242	-	243	No function
			244	-	245	Load User Default A

11CH x y-CCT					
Channel	Function	Values			
1	Dimmer	000	-	255	0% to 100%
2	Dimmer fine	000	-	255	
3	Strobe Functions	000	-	005	Open
		006	-	010	Closed
		011	-	022	Ramp up/down slow to fast
		023	-	033	Ramp up/down random slow to fast
		034	-	045	Ramp up slow to fast
		046	-	056	Ramp up random slow to fast
		057	-	068	Ramp down slow to fast
		069	-	079	Ramp down random slow to fast
		080	-	102	Random Strobe effect slow to fast
		103	-	127	Strobe Break effect 5s to 1s (short burst with break)
4	x	128	-	250	Strobe slow to fast (<1Hz to 20Hz)
		251	-	255	Open
5	x fine	000	-	255	0.0000 to 0.8500
6	y	000	-	255	
7	y fine	000	-	255	0.0000 to 0.8500

8	CCT	000 - 006	Warm white
		007 - 046	Warm white to 2700K
		047 - 047	Bulb White (2700K)
		048 - 087	2700K to 3200K
		088 - 088	Halogen White (3200K)
		089 - 128	3200K to 4000K
		129 - 129	Neutral White (4000K)
		130 - 169	4000K to 5600K
		170 - 170	Studio White (5600K)
		171 - 210	5600K to 6500K
		211 - 211	Daylight White (6500K)
		212 - 251	6500K to Cold white
		252 - 255	Cold white
9	Tint (affects Color Temperature)	000 - 000	Off
		001 - 127	Magenta -> Neutral
		128 - 128	neutral
		129 - 255	Neutral -> Green
10	Crossfade	000 - 255	Linear Crossfade from xy to CCT
11	Device settings (hold value for 3 seconds) (please read remark 1*)	000 - 073	No function
		074 - 075	Dimmer Response LED
		076 - 077	Dimmer Response Halogen 1kw
		078 - 079	Dimmer Response Halogen 2kW
		080 - 081	Dimmer Response Halogen 5kW
		082 - 083	DTW (Redshift) On
		084 - 085	DTW (Redshift) Off
		086 - 097	No function
		098 - 099	Fan Auto
		100 - 101	Fan Off
		102 - 103	Fan Constant Low
		104 - 105	Fan Constant Medium
		106 - 107	Fan Constant High
		108 - 121	No function
		122 - 123	PWM 1 (1530 Hz)
		124 - 125	PWM 2 (3600 Hz)
		126 - 127	PWM 3 (12000 Hz)
		128 - 129	PWM 4 (18900 Hz)
		130 - 131	PWM 5 (25000 Hz)
		132 - 133	Halogen Emulation
		134 - 135	Discharge Emulation
		136 - 137	Color Quality High CRI
		138 - 139	Color Quality High Brightness
		140 - 141	Display Always On
		142 - 143	Display Off after 20s
		144 - 163	No function

11	Device settings (hold value for 3 seconds) (please read remark 1*)	164 -	165	Dimmer Curve Linear
		166 -	167	Dimmer Curve Exponential
		168 -	169	Dimmer Curve Logarithmic
		170 -	171	Dimmer Curve S-Curve
		172 -	173	Dimmer Curve Halogen
		174 -	239	No function
		240 -	241	Load Factory Defaults
		242 -	243	No function
		244 -	245	Load User Default A
		246 -	247	Load User Default B
		248 -	249	Load User Default C
		250 -	255	No function

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.

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REV: 01