RGBW CYCLORAMA FIXTURES

User manual. December 2020
Firmware V02.05

VELVET

made to last

This guide provides information about how to use the product functions to illuminate with this equipment as well as warnings on his use.

These are products of professional use for exterior and interior locations or studio and must be operated only by qualified technical personnel.

To obtain the maximum features, please read the following operating instructions very carefully before using this fixture for the first time. Please keep these operating instructions for you and subsequent users to reference in the future.

THELIGHT Luminary for cine and TV, S.L.

SAFETY PRECAUTIONS

For your own safety, please read and follow all safety instructions and warnings.

The symbols and their meanings are explained below.

WARNING
Possible risk of injury or damage to equipment

DANGER
This symbol indicates the risk of electric shock or fire danger that could result in injury or damage to equipment.

GROUNDING
In order to protect against risk of electric shock, the installation should be properly grounded. Defeating the purpose of the grounding type plug will expose you to the risk of electric shock.

RISK of BURNS
Though the light generated by LED does not produce any heat, for what his use turns out to be very comfortable for the actors, the lamp head acts as a heat sink through its back part.
Surface can reach a temperature between the 20 ºC and the 70 ºC. Please use protective gloves if you touch the lamp head at the heat sink.

Keep a safety distance of 0,25 m / 10" to adjacent surfaces on all sides of the fixture.

Do not cover the lamp head while using it.

Avoid exposing the lamp head to the heat radiation of other light fixtures.

Do not place the product on heat sources.

Do not power on the product if the ambient temperature exceeds 45° C.

Keep the cables away from the fixture.

RISK of DEATH - HIGH VOLTAGE
Do not open the product. Doing so will invalidate the product warranty.
Do not attempt to repair any part of the product on your own. Maintenance and repair work to be carried out only by VELVET Service Centre.

HIGH LIGHT BEAM INTENSITY
The lamp head is equipped with power LED. Due to their high light-output intensity don't stare directly into the light source.

Never connect the product to a dimmer system or a dimmer channel in non-dim mode. Doing so will damage the fixture electronics. Damages caused by connecting the product to a not suitable power source are not covered by the warranty.
Never point a light beam from another fixture into the light VELVET CYC source.

WORKING CONDITIONS

Ambient temperature (at the place of operation or storage)
Minimum -20ºC Maximum + 45ºC

Minimum distances from inflammable surfaces
Top, bottom and sides 0,1 mts / Front 0,5m
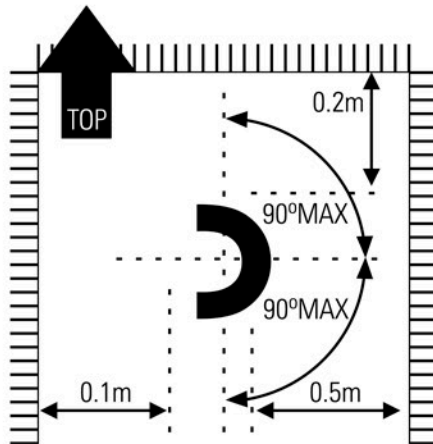
EXEMPTION from LIABILITY
VELVET (THELIGHT Luminary for cinema and TV, S.L.) does not assume any responsibility for lighting failures caused by malfunction of this product.
The manufacturer disclaims liability for any damage to persons or property caused by inappropriate operation, damage of this kind lies in the responsibility of the operator.

WARRANTY

This product is manufactured to local specifications and the warranty is valid within the country of purchase. Should the product fail or malfunction while you are abroad, the manufacturer assumes no responsibility for servicing the product locally or bearing the expenditure incurred thereof.
Various symbols are used throughout this instruction manual and on the product to prevent physical harm to you or other people and damage to property.

$C\,\epsilon$

This equipment has been checked and meets the requirements of general safety for electronic devices. These requirements are specified to provide a reasonable protection against electromagnetic interferences when the equipment is used in commercial environments.
This equipment generates, uses and can emit waves of radio frequency, and if not properly used following the instructions of this manual can produce interferences in radio communications. The use of this equipment in residential areas can produce interference, the user will be the only responsible of correcting them.

www.velvetlight.tv

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VELVETLight technology is protected under Spanish license laws. International patents pending.

Information and specifications are subject to change without notice.

Thank you for selecting VELVET CYC from VELVET.

VELVET CYC are cyclorama and wash RGBW asymmetrical fixtures specially designed to evenly wash backgrounds and to create not only any homogeneous color but also gradient color effects thanks to their multiple light engines. Every VELVET CYC consents the individual control of each of its battens.

Every VELVET CYC color tunable articulated LED fixture includes:

○ Built-in AC power supply to run exclusively AC from 90V to 264V
○ 2x XLR5 connectors (In and Through) for DMX-RDM wire control
○ Wi-Fi Art-Net wireless remote control

The VELVET CYC are compact, portable, silent, maintenance-free and high-quality color tunable LED cyclorama lights.

The VELVET CYC emit variable colored light with adjustable color temperature and adjustable green/magenta correction. Every fixture can be controlled using DMX-RDM protocol, Art-Net through Wi-Fi or locally with shock-resistant buttons and color display.

COST EFFECTIVE BACKGROUND LIGHT

You only need to display the luminaries along a row 1,5 meters out of the background and separated 1,35 meters among them.

VELVET CYC unique asymmetrical optic design provides cost effective and quick installation using a single row of luminaries to wash up to 7 meters high backgrounds.

○ VELVET CYC 3: 60W/   Covers a 1.35m x 3m high background- 500 Lux homogeneous beam
○ VELVET CYC 4: 80W/   Covers a 1.35m x 4m high background- 500 Lux homogeneous beam
○ VELVET CYC 5: 100W/ Covers a 1.35m x 5m high background- 500 Lux homogeneous beam
○ VELVET CYC 6: 125W/ Covers a 1.35m x 6m high background- 500 Lux homogeneous beam

POWERFUL OUTPUT for BROADCAST and FILM

The VELVET CYC has been specially developed to get a powerful and homogeneous beam of 500 Lux as requested on broadcast and film productions.
VELVET CYC delivers a wealthy Lux/fc level on the backgrounds and it is flicker free up to 2000 fps for high speed recording.

SMOOTH THEATRICAL DIMMING

Advanced electronics and software provide smooth step-less dimming down to zero at any color setting. For further precision includes three dimming curves.

SILENT and COOL LIGHT

The VELVET CYC runs completely silently, with no fans to service.

TOTAL CONTROL BUILT-IN

VELVET CYC can be fully, quickly and easily controlled in any possible way, locally or wirelessly.

WIRELESS CONTROL
○ Wi-Fi Art-Net to control from Smartphone or tablet with any third-party application or device.

WIRE CONTROL
○ DMX-RDM through XLR-5 in and out connectors

LOCAL CONTROL
○ The color display offers unlimited possibilities, quick user-friendly control and shock-proof buttons.
○ Gels list are displayed as colors
○ White light or color adjustment preset is always visible on its real color.

INDIVIDUAL LIGHT ENGINES for HORIZONTAL EFFECTS

VELVET CYC provides unique creative possibilities and light control combining fixtures control with horizontal individual light engines.
Every VELVET CYC consents the individual control of each of its horizontal battens to create gradient color effects thanks to their multiple light engines.
This unique individual light engine control allows to create perfectly homogeneous color backgrounds or to create soft white or colored gradients with different degrees of saturation but you can even combine different colors creating horizontal color mixtures with infinite creative possibilities,

BEAM ANGLE VARIATION

Unlike any standard Cyc light the articulated structure of the VELVET CYC fixtures lets you easily and mechanically change the beam angle by simply bending the fixture in or out.

The maximum light beam angle is given when the lamp head is bend at its more convex setting.

Hold the lamp head from the outer segments and bend it in or out to the wanted concave or convex shape. Choose the light beam angle you need and the lamp head will remain at the chosen setting.

The special optic design of the VELVET CYC fixtures produce an asymmetrical light beam. The maximum light beam angle is given when the lamp head is bend at its more convex setting as follows:

○ VELVET CYC 3   maximum asymmetrical beam angle 45º x 80º
○ VELVET CYC 4   maximum asymmetrical beam angle 45º x 95º
○ VELVET CYC 5   maximum asymmetrical beam angle 45º x 110º
○ VELVET CYC 6   maximum asymmetrical beam angle 45º x 125º

v02.05: We have incorporated these new functionalities to our line of asymmetric R+G+B+W panels, specially designed to evenly illuminate backgrounds and to be able to make fixed or moving gradients, with white light, selectable Color Temperature or any Color light.

Improved low end dimming
Improved low speed dimming
New DMX full mode

v02.04: At the request of various users, we have incorporated this new Work Mode. With the Full Mode you have all the Work Modes downloaded in the same profile and, above all, you also have access to the Effects and the Strobe, which is the main reason for this implementation.

New Work Mode: Full Mode

v02.03: Dynamic channel address. Depending on the selected work mode and the number of channels that this mode occupies, the available channel address to assign to the unit varies.
As a reminder, the number of channels used by the selected Mode is shown on the display.

CCT & GSM Single Mode. At the request of various users, a new Work Mode is implemented: Individual CCT & G/M

1.Master intensity	6. Intensity bar 2
2. Mode Selection	7. Kelvin 2
3. Intensity bar 1	8. GSM 2
4. Kelvin bar 1	9. Intensity 3
5. Green / Magenta bar 1	10.

The new CCT & G/M Individual Mode occupies: Cyc 4 (14 channels), Cyc 5 (17 channels), Cyc 6 (20 channels)

Active keypad. The control buttons on the equipment are active and accessible even when the luminaire is connected by DMX.

VELVET CYC WEBSITE   VELVET CYC SUPPORT   VELVET CYC USER MANUAL
                                                                        UPDATED VERSION

VELVET CYC 3

Articulated RGBW asymmetrical fixture made by four aluminum battens with individual control of each of them.
VELVET CYC 3 is maintenance-free high-power LED fixture, which runs completely silently, with no fans to service. It operates exclusively on AC power and includes input and through PowerCon TRUE1 TOP and DMX XLR-5 connectors for daisy-chaining.
Weighs only 3.7kg / 8.15 lbs. including yoke, consumes just 60W and produce a homogeneous beam of 500 Lux / 46 fc over a background of up to 3 meters.

Ref VY3CST

Includes: 1x VELVET CYC 3 color tunable articulated high-power LED with integrated AC power supply, PowerCon TRUE1 TOP in out, XLR-5 DMX in out, USB-A, WIFI Art-Net, Bluetooth, 1x yoke with Euro28mm junior pin - 16mm baby receiver, 1x PowerCon TRUE1 power cable

VELVET CYC 4

Articulated RGBW asymmetrical fixture made by four aluminum battens with individual control of each of them.
VELVET CYC 4 is maintenance-free high-power LED fixture, which runs completely silently, with no fans to service. It operates exclusively on AC power and includes input and through PowerCon TRUE1 TOP and DMX XLR-5 connectors for daisy-chaining.
Weighs only 4.9kg / 10.8 lbs. including yoke, consumes just 80W and produce a homogeneous beam of 500 Lux / 46 fc over a background of up to 4 meters.

Ref VY4CST

Includes: 1x VELVET CYC 4color tunable articulated high-power LED with integrated AC power supply, PowerCon TRUE1 TOP in out, XLR-5 DMX in out, USB-A, WIFI Art-Net, Bluetooth, 1x yoke with Euro28mm junior pin - 16mm baby receiver, 1x PowerCon TRUE1 power cable

VELVET CYC 5

Articulated RGBW asymmetrical fixture made by five aluminum battens with individual control of each of them.
VELVET CYC 5 is maintenance-free high-power LED fixture, which runs completely silently, with no fans to service. It operates exclusively on AC power and includes input and through PowerCon TRUE1 TOP and DMX XLR-5 connectors for daisy-chaining.
Weighs only 5.5kg / 12 lbs. including yoke, consumes just 100W and produce a homogeneous beam of 500 Lux / 46 fc over a background of up to 5 meters.

Ref VY5CST

Includes: 1x VELVET CYC 5 color tunable articulated high-power LED with integrated AC power supply, PowerCon TRUE1 TOP in out, XLR-5 DMX in out, USB-A, WIFI Art-Net, Bluetooth, 1x yoke with Euro28mm junior pin - 16mm baby receiver, 1x PowerCon TRUE1 power cable
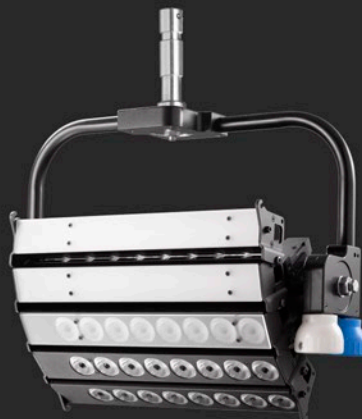
VELVET Cyc 6

Articulated RGBW asymmetrical fixture made by six aluminum battens with individual control of each of them.
VELVET CYC 6 is maintenance-free high-power LED fixture, which runs completely silently, with no fans to service. It operates exclusively on AC power and includes input and through PowerCon TRUE1 TOP and DMX XLR-5 connectors for daisy-chaining.
Weighs only 6.1kg / 13.4 lbs. including yoke, consumes just 125W and produce a homogeneous beam of 500 Lux / 46 fc over a background of up to 6 meters.

Ref VY6CST

Includes: 1x VELVET CYC 6 color tunable articulated high-power LED with integrated AC power supply, PowerCon TRUE1 TOP in out, XLR-5 DMX in out, USB-A, WIFI Art-Net, Bluetooth, 1x yoke with Euro28mm junior pin - 16mm baby receiver, 1x PowerCon TRUE1 power cable
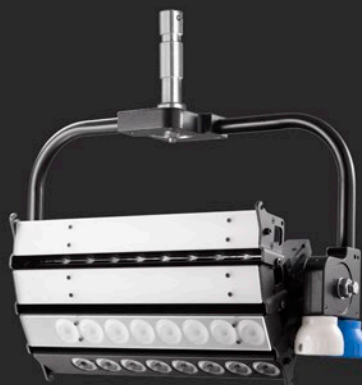
VELVET CYC

Cyc 3

01 XLR-5 DMX RDM IN/OUT CONNECTORS
02 POWER-CON IN/OUT CONNECTORS
03 MICRO USB CONNECTOR
04 MAIN POWER SWITCH
05 UP AND DOWN SCROLL BUTTONS
06 ENTER/+ & - ADJUSTMENT BUTTONS
07 MODE SELECTION/ LOCK BUTTON
08 BACK BUTTON
09 3200K / 5600K QUICK ACCESS BUTTON
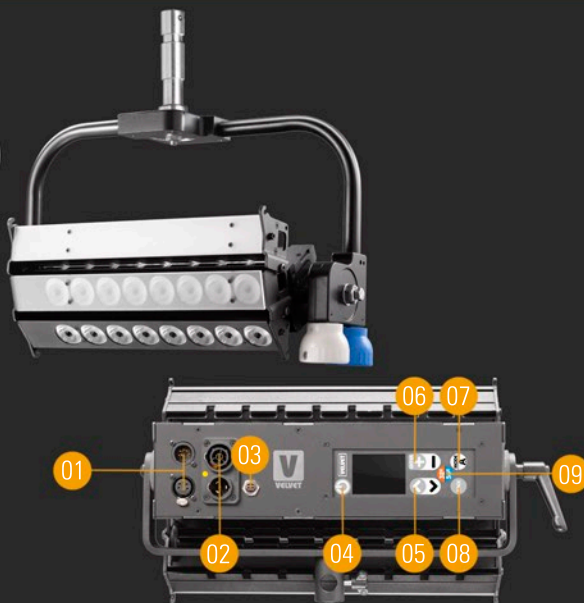
NUMBER OF LIGHT ENGINES	3
COLOUR TEMPERATURE	Continuously adjustable from 2.500K to 10.000K
LIGHT INTENSITY	Dimmable 0 to 100, smooth and flicker-free
GREEN/MAGENTA CORRECTION	Continuously adjustable (full Plusgreen to full Minusgreen)
COLOR CONTROL MODES	CTT mode, HSI+ mode, GEL mode, RGB+ mode, EFFECTS mode
LOCAL CONTROL	Shock proof buttons and color display
WIRE CONTROL	DMX-RDM with XLR-5 IN & OUT connectors
WIRELESS CONTROL	Wi-Fi ArtNet
COLOR RENDERING INDEX	95 CRI typical, 90 CRI minimum
TLCI INDEX	> 90 TLCI 3200K to 5600K
PHOTOMETRICS	500 Lux / 46 fc over a background of up to 3 meters
BEAM ANGLE	Asymmetrical adjustable:
	Horizontal beam angle 45º
	Vertical beam angle adjustable 45º to 80º
DIMENSIONS	340x160x148mm / 13.4" x6.3" x5.8"
WEIGHT	3.7kg / 8.15 lbs. including yoke
POWER DRAW	60W
POWER SUPPLY	90-264 VAC 50/60Hz
LED RATED LIFE	More than 50.000 hours L70
	More than 35.000 hours L80
POWER CONNECTION	Neutrik PowerCon TRUE1 TOP in and out connectors
OUTPUT FREQUENCY	16KHz flicker-free up to 3000fps
OPERATION TEMPERATURE	From -20ºC to +40ºC
COOLING	No-noise, fan-free passive cooling
PROTECTION	IP21 dustproof, indoor or outdoor protected use
VELVET LED CYC TECHNOLOGY	RGBW high-power selected BIN LED core unit + multi Fresnel system
RIGGING OPTIONS	Aluminum yoke with 16 female combined with 28 pin, swivel ball head, pole operated yoke
QUICK MOUNTING ACCESSORIES	Removable barn doors, flight case
CONSTRUCTION & FINISH	Black anodized extruded aluminum and black powder coated sheet aluminum

VELVET CYC

CYC 4

01 XLR-5 DMX RDM IN/OUT CONNECTORS
02 POWER-CON IN/OUT CONNECTORS
03 MICRO USB CONNECTOR
04 MAIN POWER SWITCH
05 UP AND DOWN SCROLL BUTTONS
06 ENTER/+ & - ADJUSTMENT BUTTONS
07 MODE SELECTION/ LOCK BUTTON
08 BACK BUTTON
09 3200K / 5600K QUICK ACCESS BUTTON

NUMBER OF LIGHT ENGINES	4
COLOUR TEMPERATURE	Continuously adjustable from 2.500K to 10.000K
LIGHT INTENSITY	Dimmable 0 to 100, smooth and flicker-free
GREEN/MAGENTA CORRECTION	Continuously adjustable (full Plusgreen to full Minusgreen)
COLOR CONTROL MODES	CTT mode, HSI+ mode, GEL mode, RGB+ mode, EFFECTS mode
LOCAL CONTROL	Shock proof buttons and color display
WIRE CONTROL	DMX-RDM with XLR-5 IN & OUT connectors
WIRELESS CONTROL	Wi-Fi ArtNet
COLOR RENDERING INDEX	95 CRI typical, 90 CRI minimum
TLCI INDEX	> 90 TLCI 3200K to 5600K
PHOTOMETRICS	500 Lux / 46 fc over a background of up to 4 meters
BEAM ANGLE	Asymmetrical adjustable:
	Horizontal beam angle 45º
	Vertical beam angle adjustable 45º to 95º
DIMENSIONS	340x205x148mm / 13.4" x8" x5.8"
WEIGHT	4.9kg / 10.8 lbs. including yoke
POWER DRAW	80W
POWER SUPPLY	90-264 VAC 50/60Hz
LED RATED LIFE	More than 50.000 hours L70
	More than 35.000 hours L80
POWER CONNECTION	Neutrik PowerCon TRUE1 TOP in and out connectors
OUTPUT FREQUENCY	16KHz flicker-free up to 3000fps
OPERATION TEMPERATURE	From -20ºC to +40ºC
COOLING	No-noise, fan-free passive cooling
PROTECTION	IP21 dustproof, indoor or outdoor protected use
VELVET LED CYC TECHNOLOGY	RGBW high-power selected BIN LED core unit + multi Fresnel system
RIGGING OPTIONS	Aluminum yoke with 16 female combined with 28 pin, swivel ball head, pole operated yoke
QUICK MOUNTING ACCESSORIES	Removable barn doors, flight case
CONSTRUCTION & FINISH	Black anodized extruded aluminum and black powder coated sheet aluminum

CYC 5

01 XLR-5 DMX RDM IN/OUT CONNECTORS
02 POWER-CON IN/OUT CONNECTORS
03 MICRO USB CONNECTOR
04 MAIN POWER SWITCH
05 UP AND DOWN SCROLL BUTTONS
06 ENTER/+ & - ADJUSTMENT BUTTONS
07 MODE SELECTION/ LOCK BUTTON
08 BACK BUTTON
09 3200K / 5600K QUICK ACCESS BUTTON

NUMBER OF LIGHT ENGINES	5
COLOUR TEMPERATURE	Continuously adjustable from 2.500K to 10.000K
LIGHT INTENSITY	Dimmable 0 to 100, smooth and flicker-free
GREEN/MAGENTA CORRECTION	Continuously adjustable (full Plusgreen to full Minusgreen)
COLOR CONTROL MODES	CTT mode, HSI+ mode, GEL mode, RGB+ mode, EFFECTS mode
LOCAL CONTROL	Shock proof buttons and color display
WIRE CONTROL	DMX-RDM with XLR-5 IN & OUT connectors
WIRELESS CONTROL	Wi-Fi ArtNet
COLOR RENDERING INDEX	95 CRI typical, 90 CRI minimum
TLCI INDEX	> 90 TLCI 3200K to 5600K
PHOTOMETRICS	500 Lux / 46 fc over a background of up to 5 meters
BEAM ANGLE	Asymmetrical adjustable:
	Horizontal beam angle 45º
	Vertical beam angle adjustable 45º to110º
DIMENSIONS	340x250x148mm / 13,4x10x,2,7″
WEIGHT	5.5kg / 12 lbs. including yoke
POWER DRAW	100W
POWER SUPPLY	90-264 VAC 50/60Hz
LED RATED LIFE	More than 50.000 hours L70
	More than 35.000 hours L80
POWER CONNECTION	Neutrik PowerCon TRUE1 TOP in and out connectors
OUTPUT FREQUENCY	16KHz flicker-free up to 3000fps
OPERATION TEMPERATURE	From -20ºC to +40ºC
COOLING	No-noise, fan-free passive cooling
PROTECTION	IP21dustproof, indoor or outdoor protected use
VELVET LED CYC TECHNOLOGY	RGBW high-power selected BIN LED core unit + multi Fresnel system
RIGGING OPTIONS	Aluminum yoke with 16 female combined with 28 pin, swivel ball head, pole operated yoke
QUICK MOUNTING ACCESSORIES	Removable barn doors, flight case
CONSTRUCTION & FINISH	Black anodized extruded aluminum and black powder coated sheet aluminum

VELVET CYC

CYC 6
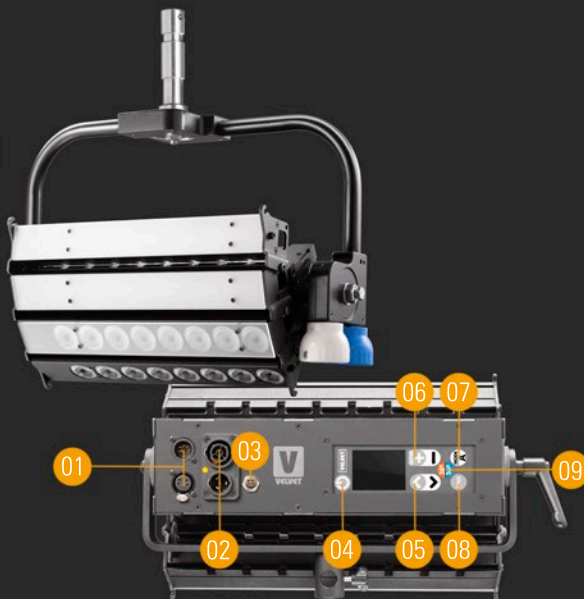
01 XLR-5 DMX RDM IN/OUT CONNECTORS
02 POWER-CON IN/OUT CONNECTORS
03 MICRO USB CONNECTOR
04 MAIN POWER SWITCH
05 UP AND DOWN SCROLL BUTTONS
06 ENTER/+ & - ADJUSTMENT BUTTONS
07 MODE SELECTION/ LOCK BUTTON
08 BACK BUTTON
09 3200K / 5600K QUICK ACCESS BUTTON

NUMBER OF LIGHT ENGINES	6
COLOUR TEMPERATURE	Continuously adjustable from 2.500K to 10.000K
LIGHT INTENSITY	Dimmable 0 to 100, smooth and flicker-free
GREEN/MAGENTA CORRECTION	Continuously adjustable (full Plusgreen to full Minusgreen)
COLOR CONTROL MODES	CTT mode, HSI+ mode, GEL mode, RGB+ mode, EFFECTS mode
LOCAL CONTROL	Shock proof buttons and color display
WIRE CONTROL	DMX-RDM with XLR-5 IN & OUT connectors
WIRELESS CONTROL	Wi-Fi ArtNet
COLOR RENDERING INDEX	95 CRI typical, 90 CRI minimum
TLCI INDEX	> 90 TLCI 3200K to 5600K
PHOTOMETRICS	500 Lux / 46 fc over a background of up to 6 meters
BEAM ANGLE	Asymmetrical adjustable:
	Horizontal beam angle 45º
	Vertical beam angle adjustable 45º to 125º
DIMENSIONS	340x300x148mm / 13,4x12x,2,7
WEIGHT	6.1kg / 13.4 lbs. including yoke
POWER DRAW	125W
POWER SUPPLY	90-264 VAC 50/60Hz
LED RATED LIFE	More than 50.000 hours L70
	More than 35.000 hours L80
POWER CONNECTION	Neutrik PowerCon TRUE1 TOP in and out connectors
OUTPUT FREQUENCY	16KHz flicker-free up to 3000fps
OPERATION TEMPERATURE	From -20ºC to +40ºC
COOLING	No-noise, fan-free passive cooling
PROTECTION	IP21dustproof, indoor or outdoor protected use
VELVET LED CYC TECHNOLOGY	RGBW high-power selected BIN LED core unit + multi Fresnel system
RIGGING OPTIONS	Aluminum yoke with 16 female combined with 28 pin, swivel ball head, pole operated yoke
QUICK MOUNTING ACCESSORIES	Removable barn doors, flight case
CONSTRUCTION & FINISH	Black anodized extruded aluminum and black powder coated sheet aluminum

150cm — level of illumination/ lux

150cm — level of illumination/ lux

200cm — level of illumination/ lux

200cm — level of illumination/ lux

50°

suggested distance & angle
135cm

3213K
TLCI
94

RA	93.3
R1	91.5
R2	98.0
R3	93.6
R4	88.1
R5	92.3
R6	94.4
R7	96.7
R8	92.0
R10	97.2
R11	82.1
R12	91.2
R13	92.9
R14	95.0
R15	93.1

5595K
TLCI
98

RA	94.3
R1	91.9
R2	95.3
R3	98.4
R4	94.2
R5	93.3
R6	93.0
R7	94.5
R8	93.7
R10	90.4
R11	90.3
R12	76.5
R13	92.0
R14	98.2
R15	91.5
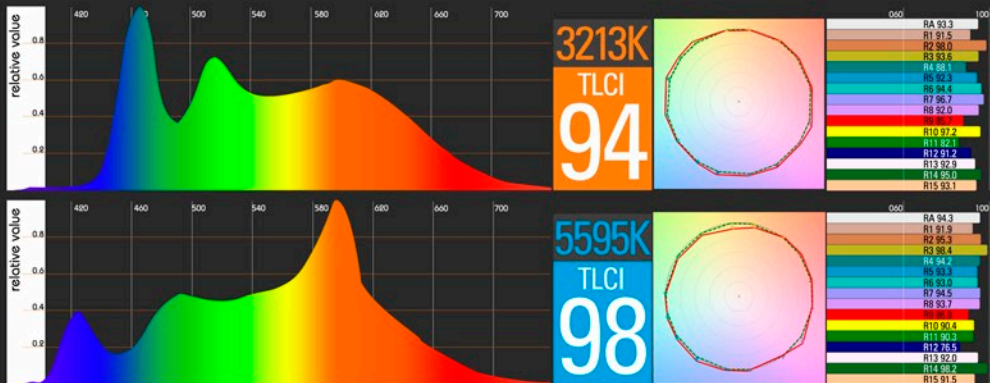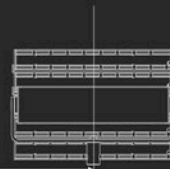
POWER CABLE
PowerCon to Power-Con TRUE 1

2 m/ 6.6 feet
Ref CAB-PWC2MTRUE
4 m/ 13.1 feet
Ref CAB-PWC4MTRUE

DMX EXTENSION CABLE
male / female XLR-5

2m/   07 feet Ref DMX-DMX2M
3m/   10 feet Ref DMX-DMX3M
6m/   20 feet Ref DMX-DMX6M
10m/ 33 feet Ref DMX-DMX10M

VELVET ROUTER
Wi-Fi router with automatic connection
to remotely control VELVET CYC through
Art-Net and VELVET GOYA App

Ref VE-ROUTER
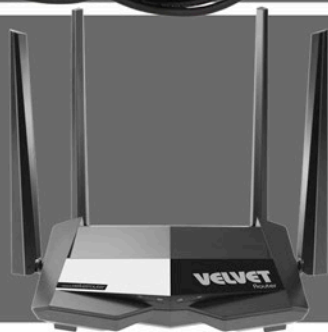
BARNDOORS
barndoor kit (upper & lower) for
CYC 4, 5 y 6

Ref. 4S-RB

POLE OPERATED YOKE
studio yoke for VELVET CYC 4, 5 y 6

Ref VY456-YP

SECURITY CABLE
steel cable 5 mm x 1 m/ 3 feet, maximum weight: 25 kg/ 55 lbs

Ref SLI-200000FS

YOKE to FIXTURE ASSEMBLY

Place the VELVET CYC with the light engines facing downwards on an even and clean surface.

Align the adjustable Yoke with the VELVET CYC and put the spigot in the bottom.

Assemble the Yoke to the LED fixture by using the mounting kit of bolts, washers and knobs. First mount the handles with the metric M8 metal washer then insert the hinge bearing between the Yoke and the LED panel.

Align the adjustable Yoke with the fixture as shown in the picture.
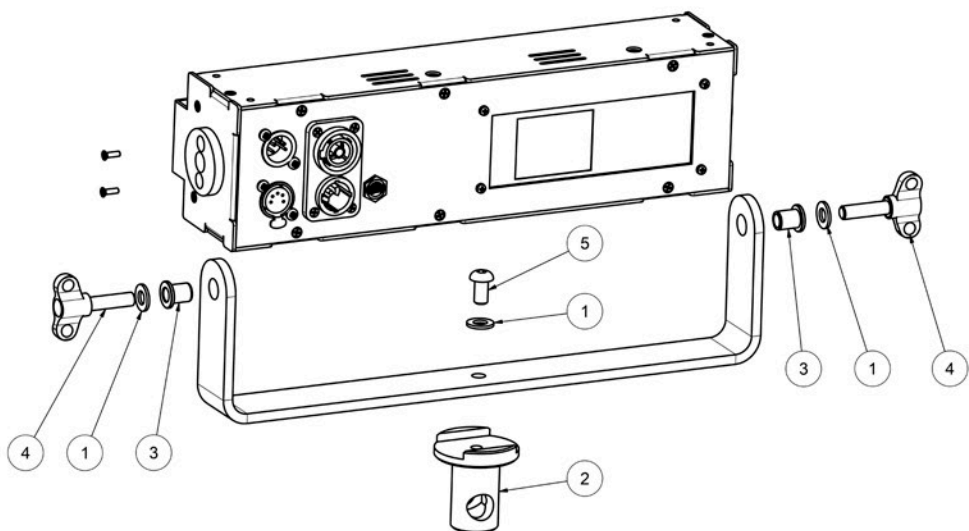
ELEMENT	QUANTITY	PIECE NUMBER
1	3	TOR-D125M8T
2	1	THE-2816C
3	2	TOR-BEAR8X11X13
4	2	ASA-VYKNOB
5	1	TOR7380M8X15T

Assemble the Yoke to the fixture by using the mounting kit of bolts, washers and adjustable handle. First mount the handle with two metric M6 metal washers, then fix the two M8 bolts using the metric M8 metal washers and inserting the M8 rubber washers between the Yoke and the LED panel.

IMPORTANT NOTE: If the heat sink surface is facing to you and the VELVET logo on control display shows in the correct position, mount the long hinge bearing on the left side of the panel together with the M8 screw and the short hinge bearing on the right side of the panel together with the adjustable handle

MOUNTING and SECURITY

VELVET CYC have been designed to be easily installed and rigged up on studio, theaters, auditoriums or special locations.
They can be rigged up hanging from the ceiling, on the floor or in many ways through the adjustable yoke.

SECURITY CABLES
The fixture is provided with several holes specially design to insert one or more 5mm snaps or carabiners and their safety cable.
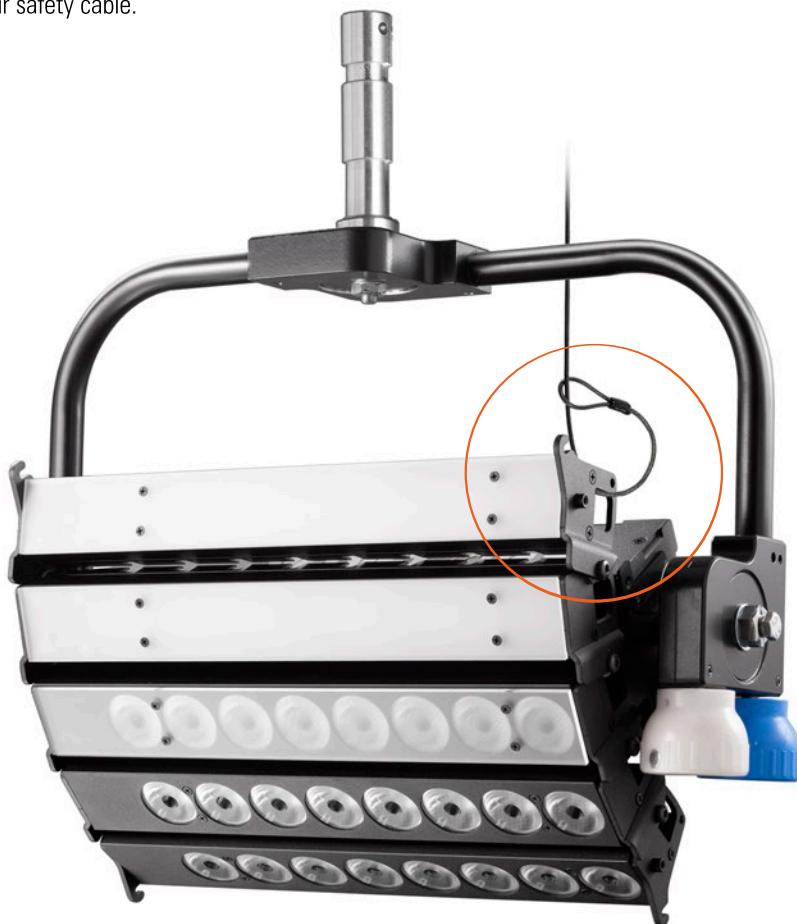
When a VELVET EVO panel and any other component is mounted in a hanging position it must be secured with a safety cable rated at a minimum of ten times the weight of the light fixture including its accessories.

FIXTURES SET UP for MAXIMUM PERFORMANCE

To get the maximum light homogeneity on every background or cyclorama, maximum light output and full color performance VELVET recommends to set up the VELVET CYC luminaries as per the following instructions.
Based on the suggested et up you can fine tune the fixtures tilt and beam angle and also the intensity or color of each horizontal light engine to perfectly light any surface, background, cyclorama or infinite background.

DISTANCE from the BACKGROUND
The minimum recommended distance from the cyclorama is 1.5 m / 5 feet.
SPACING
Position the fixtures arrayed at a maximum distance of 1.35 m / 4,4 feet apart from each other.

1.35m/ 4,4'
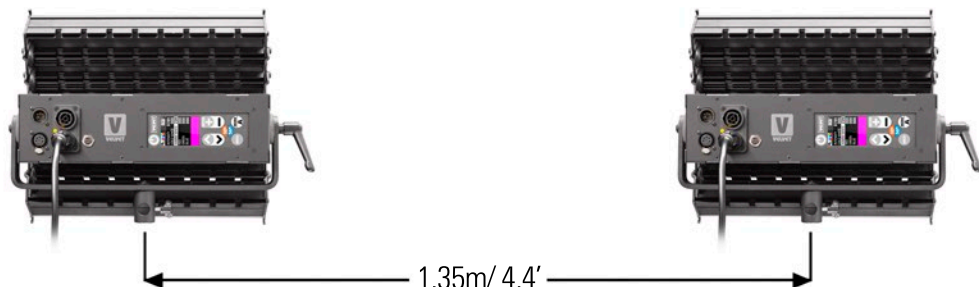
ORIENTATION
VELVET CYC fixtures articulated structure and optic system has been design to optimize the beam spread when used on a cyclorama or a wall.
The side with diffusion must be display adjacent to the wall while the side with lenses must face away from the wall.
TILT ANGLE
VELVET recommends to aim the VELVET CYC fixtures with a tilt angle of 50º (measured over the back control panel).
FLOOD / SPOT ADJUSTMENT
To evenly light infinite backgrounds VELVET recommends to set the VELVET CYC on this maximum flood beam angle.
Hold the lamp head from the outer segments and bend it out to the maximum convex shape.
The maximum light beam angle is given when the lamp head is bend at its more convex setting.

To evenly light flat backgrounds or cycloramas VELVET recommends to set the VELVET CYC on this maximum flood beam angle and then set the battens with lenses parallel one to the other as shown in the picture.
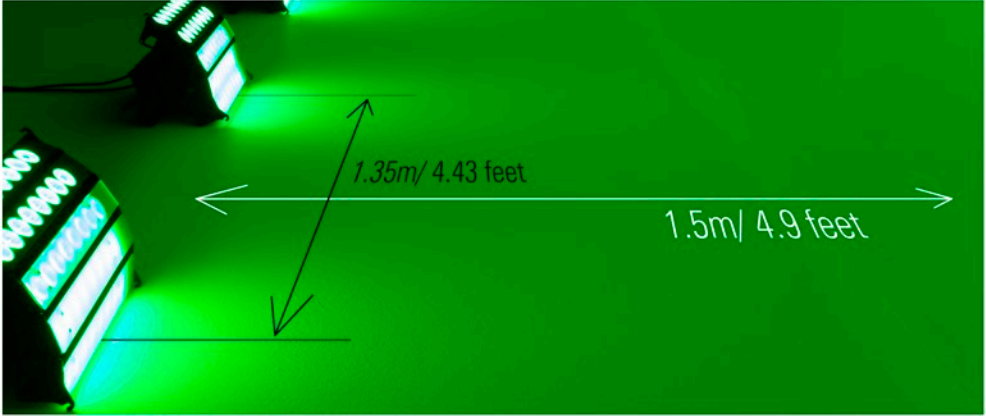
INDIVIDUAL LIGHT ENGINE INTENSITY ADJUSTMENT

VELVET recommends to keep the CYCLORAMA mode active to get an even illumination over any cyclorama or flat background.

Please go to page XXX DIMMG CURVES / CYCLORAMA mode.

The vertical beam angle adjustability combined with the individual light engine control lets you fine tune your light to get homogeneous illumination over any kind of flat or infinite background.
Light engine 1 is the top batten with lenses.
If you want to have full output and total control of each of the individual battens you need set the Cyclorama mode to OFF.

LIGHT ENGINE 5

LIGHT ENGINE 4

LIGHT ENGINE 3

LIGHT ENGINE 2

LIGHT ENGINE 1

POWERING the VELVET CYC

VELVET CYC maintenance free LED lights have been designed to be exclusively AC powered with their own power supply integrated and protected into the fixture housing.
Rigging and cabling can be reduced to a minimum thanks to the compact yoke and the in out PowerCon TRUE1 TOP AC power connectors and the in and out XLR-5 DMX-RDM connectors.

VELVET recommends to daisy chain power and DMX-RDM remote control up to 20 fixtures on the same line.

SWITCHING ON the VELVET CYC

Connect the power cable to the PowerCon TRUE1 Connector located on the back of the panel and the power plug with a mains power outlet.
After 3 seconds the CTT mode will be shown on the color display.
The VELVET CYC will show the last white light and color settings and the panel source will emit light only as per the last setting.
To light on/off the light source you need to press the upper power button
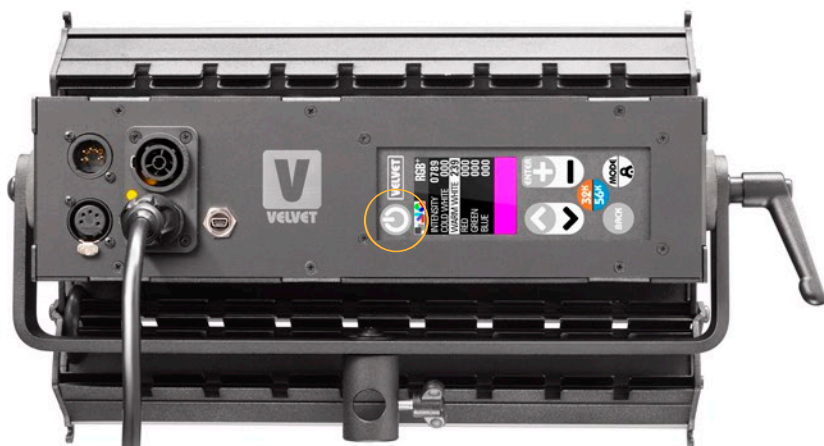
When the display background is dark means the light source is off.
When the display background is light means the light source is on.

NOTE: the menu system and TFT backlight are set, by default, to "sleep" after one minute of inactivity showing a VELVET logo over a black background

For protection from electric shock, always connect the external power supply unit electrically to ground (earth) when connected to AC power. The AC mains power supply must be fitted with a fuse or circuit breaker and ground-fault (earth-fault) protection.

Always connect the fixture direct to AC power. Do not connect it to a dimmer-system. Doing so will damage the product.

The lamp head is equipped with power LED. Due to their high light-output intensity don't stare directly into the light source.

23

BARNDOORS INSTALLATION

Place the barn door axle into the external lamp head segment grooves. Then insert one end of the axle into the hole located at the lamp head exterior segment as shown in the picture.

The right mounting position is achieved when the blind nuts are visible facing outwards.
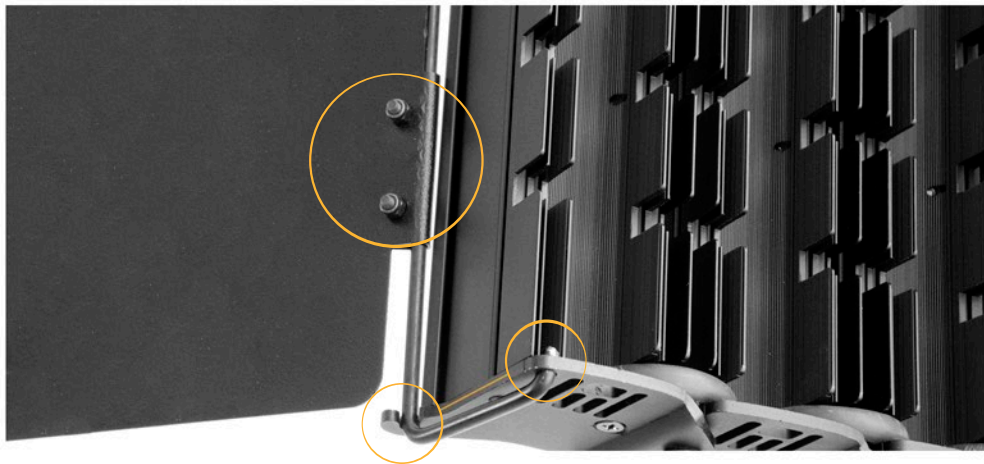
Insert the other barn door axle end into the opposite hole located at the lamp head exterior segment.

ETHERNET Art-Net
VELVET CYC have one Art-Net control option via WI-FI.

Art-Net™ Designed by and Copyright Artistic License Holdings Ltd is a network protocol to control devices. For more detailed information, please visit the site of the Art-Net developers www.artisticlicence.com.

ETHERNET SETTINGS

Push   to select "SETTINGS"
Select "REMOTE CONTROL" with   and press
Select "ETHERNET" with   and press

The Ethernet function shows the following information	
Connection status	active/ waiting
IP	When the fixture is connected to a network it shows the fixture IP address
MAC	When the fixture is connected to a network it shows the fixture MAC address.

FIXTURE BUTTONS OVERVIEW
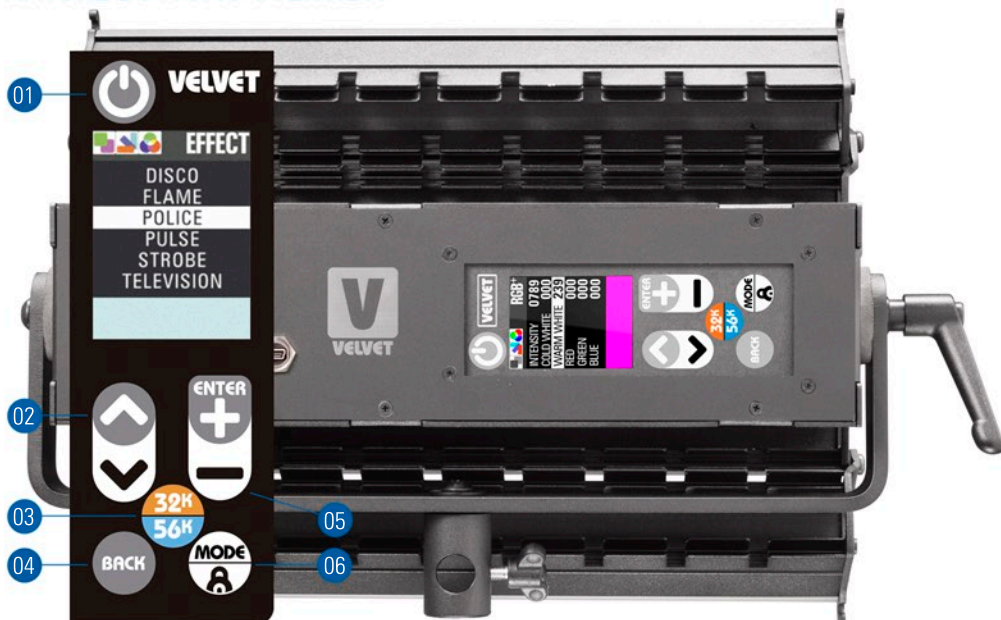
01 POWER: Press the "POWER" button to switch on / off the light source

02 UP / DOWN: Once selected any mode use ⌃ UP / ⌄ DOWN button to scroll up or down the available options

03 32K/56K: Fast access to 3200K/ 5600K color temperature presets

04 BACK: Cancels the current operation and returns to the previous screen

05 ENTER / PLUS+: This button doubles as Enter button. Enter activates a menu selection or stores a value.
PLUS+ / MINUS: Once selected any available option press +/- buttons to increase/decrease the value.
Each button press changes the value by one, pressing and holding the button increases the rate of change.

06 MODE / LOCK: EVO has six main pages: CTT, HSI+, GELS, RGB+, EFFECTS and SETTINGS. Press de MODE/Lock button to swap between pages.
Pres the MODE / LOCK button along 3 seconds to lock every control button. To unlock press again along 3 seconds.

	MAIN FUNCTION	SECONDARY FUNCTION
POWER	Powers on/off the light source	
MODE / LOCK	Changes mode page	Keeping pressed for 3 seconds locks every
BACK	Cancels the current operation and returns to the previous screen	button. To unlock press again along 3 seconds. Lockout does not affect remote wire or wireless access to fixture settings
32K/56K	Goes to preset 3200K and 5600K	
UP ARROW	Scrolls up through available options	
DOWN ARROW	Scrolls down through available options	
PLUS + / ENTER	Increases a value or menu choice by one. Pressing and holding the button increases the rate of change	Activates a menu selection or stores a value
MINUS -	Decreases a value or menu choice by one. Pressing and holding the button increases the rate of change	

DISPLAY STRUCTURE
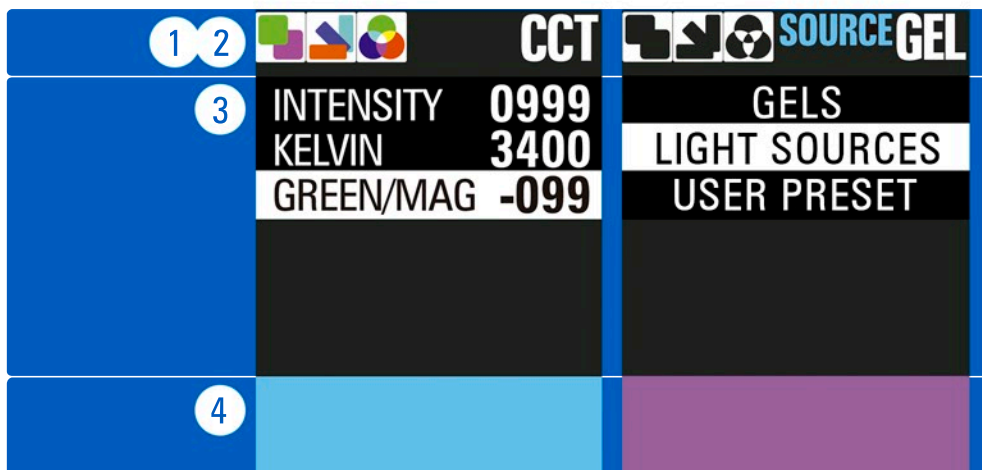
The screen is divided in four zones

1 WARNING ICONS
These icons inform about the global status of the fixture. The icons are automatically turned on or off depending on the changes the user has made across some specific menu options.

When any icon is turned on means that the function is activated (they appear as a colored icon), otherwise the feature is disabled (they appear as a gray icon).

The warning icons are:

● GREEN/MAGENTA warning

● GEL selected warning

● COLOR LIGHT selected warning

2 SELECTED MODE
Two icons on the top right of the screen show the control mode and the active option within each mode. The available control modes are CTT, HSI, GEL, RGB, EFFECT and SETTINGS.

3 ADJUSTABLE PARAMETERS (MODE)
Every control mode will show below its adjustable parameters.

4 COLOR EMULATION AREA
The color bar at the bottom of the screen shows a real time emulation of every color adjustment as a visual reference of the light emitted by the fixture

MODE

CCT	HSI+	RGB+	GEL	EFFECTS		
INTENSITY KELVIN GREEN/MAGENTA	INTENSITY HUE SATURATION KELVIN	INTENSITY COLD WHITE WARM WHITE RED GREEN BLUE	GELS LIGHT SOURCES PRESETS	**DISCO** Light intensity Loop speed Default values	**FLAME** Light intensity Hue Saturation Kelvin Flicker speed **Default values**	**POLICE** Light intensity Loop speed Color combination Default values
				PULSE Light intensity Hue Flash time Loop speed Fade out **Default values**	**STROBE** Light intensity Kelvin Flash time Default values	**TELEVISION** Light intensity Hue Loop speed Default values

SETTINGS

DIMMING CURVE	DMX-RDM	REMOTE CONTROL	DISPLAY	ABOUT
LINEAR (default) LOGARITHMIC EXPONENTIAL	STATUS — master — slave ADRESS DMX MODE	**WI-FI** CONNECTION — active — waiting IP MAC RSSI **CONNECT/ DISCONNECT**	BRIGHTNESS LOW/ MEDIUM/ MAXIMUM	FACTORY PRESET FIRMWARE UPDATE USB FUNCTIONS

The VELVET CYC can be fully, quickly and easily controlled in any possible way, locally or wirelessly, or from Smartphone or tablet any third-party application or device.

ON BOARD CONTROL
with tactile shock-proof buttons and color display

WIRE CONTROL
● DMX-RDM through XLR-5 connector

WIRELESS CONTROL
● Art-Net through Wi-Fi VELVET

CONTROL PRIORITIES. Please consider the following priority rules whenever you will control VELVET CYC through more than one control method:	
Wire DMX-RDM	priority 1
Wireless Wi-fi Art-Net	priority 2
On-board control (LOCAL)	priority 3

In case of signal loss, the fixture will hold the last command received following the above listed priority rules.

To get the maximum performance and creative possibilities out of the VELVET CYC we suggest to remotely control the fixture through DMX or DMX-RDM.

Every VELVET CYC consents the individual control of each of its battens to create gradient color effects thanks to their multiple light engines.
The individual control of each light engine can only be made through DMX or DMX-RDM remote control.

ON-BOARD CONTROL MODE SELECTION
Press MODE to select the Control Mode.
When in sub-menus, pressing BACK returns you to the previous display.
When in sub-menus, pressing MODE always returns you to the previously selected Mode.

On CCT mode the fixture emits white light with optimized color rendition and white point. On HSI+, RGB+ and GELS modes the fixture emits colored light.

CTT MODE (White light)

INTENSITY
Select with 🔼🔽 and directly set the intensity continuously by pressing ➕➖

KELVIN
Select with 🔼🔽 and directly set the Kelvin value continuously by pressing ➕➖

GREEN/ MAGENTA
Select with 🔼🔽 and directly set the correction value continuously by pressing ➕➖

Any time GREEN/MAGENTA will be set out of zero the G/M icon will change to ON as a warning that standard white light is offset

HSI MODE (Color light)

INTENSITY
Select with 🔼🔽 and directly set the intensity continuously by pressing ➕➖

HUE
Select with 🔼🔽 and directly set the Hue angle continuously by pressing ➕➖

SATURATION
Select with 🔼🔽 and directly set the value continuously by pressing ➕➖

When the Saturation value is 0 the light emitted by EVO is only white light and therefore HUE will not have any effect.
When the Saturation value is between 1 and 100 the light emitted by EVO includes color tint and therefore HUE will be active.

KELVIN
Select with 🔼🔽 and directly set the Kelvin value continuously by pressing ➕➖

RGB MODE (Color light)

INTENSITY
Select with ⌃⌄ and directly set the intensity continuously by pressing ＋－

Select RED with ⌃⌄ and directly set its brightness value continuously by pressing ＋－

Select GREEN with ⌃⌄ and directly set its brightness value continuously by pressing ＋－

Select BLUE with ⌃⌄ and directly set its brightness value continuously by pressing ＋－

Select WHITE with ⌃⌄ and directly set its brightness value continuously by pressing ＋－

Once you set any color parameter out of zero the RGB COLOR icon will change to ON warning that the light emitted is not standard white any more.
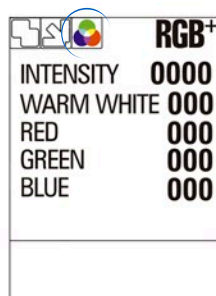
GELS MODE

The gels, light sources or users' presets selected from this mode can be fine-tuned in any other mode.

● Select the line "GELS" or "LIGHT SOURCES" with ⌃⌄
  Press ＋ⁿ to select the function
● Select the desired Gel or Light Source with ⌃⌄
  Press ＋ⁿ to load the selection.
● Pressing ＋ⁿ again you can fully adjust the selected Gel or Light Source Intensity, Red, Green, Blue, White and Warm White values.

Once you select any GEL or LIGHT SOURCE the GEL icon will change to ON warning that the light emitted is not standard white any more.

Press ⌃ along 3 seconds to save any white light or color settings (Intensity, Red, Green, Blue, White and Warm White values) and load them back as User presets.

PRESETS
VELVET CYC allows to save any white light or color settings (Intensity, Kelvin, Green/magenta, Hue, Saturation or Gels) and load them back as User presets.

A total of ten user presets can be saved.

The presets can be loaded locally or remotely through DMX.

The presets can also be uploaded or downloaded to or from an external memory stick through the mini USB port to share them.

GELS MODE (COLOR)

To SAVE a USER PRESET
Select any user preset line and push ⊖ along two seconds to save.

To LOAD a USER PRESET
Select any user preset line and push ⊕ along two seconds to load.
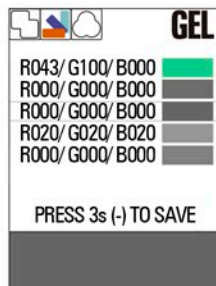
EFFECTS MODE (COLOR)

VELVET CYC effects replace many effects devices with its tunable effects.
You can customize any effect by adjusting several parameters.
On any effect you can always use your personally adjusted effect or go back to the default values.

To SELECT and ACTIVATE an EFFECT
Select the line "EFFECTS" ⌄ and press ⊞ to select the function
Select the desired Effect with ⌄ and press ⊞ to load the selected Effect.
Press ⊞ again to remove the selected Effect

DISCO: Changes colors, color temperature and intensity in a loop. Adjustable options:

Intensity
Loop speed
Default values (sets all the parameters to the default values)

FLAME: Flickering effect simulating a burning flame by color temperature and intensity fades combined with pause periods. You can adjust it to create new personal effects from a weak candle to a powerful fire or even a water effect. Adjustable options:

Intensity
Hue
Saturation
Kelvin
Flicker speed
Default values (sets all the parameters to the default values)

POLICE: Blue and red flashing effect simulating an emergency vehicle. You can tune it to create new personal effects like ambulance or fire truck. Adjustable options:

Intensity
Loop speed
Colors
Default values (sets all the parameters to the default values)

PULSE: Light pulse effect with soft fade in and fade out. Adjustable options:

Intensity
Hue
Flash time
Loop speed
Fade out
Default values (sets all the parameters to the default values)

STROBE: White light or color strobe effect. Adjustable options:

Intensity
Kelvin
Flash time (adjustable from 50 flashes per second up to 1 flash per second)
Default values (sets all the parameters to the default values)

Risk of injury or death due to epileptic attack or breakdown. Announce a strobe lighting effect is going to be used.

TV: Emulates a tv screen effect by changing among different white lights and soft colors with intensity variation. Adjustable options:

Intensity
Hue
Loop speed
Default values (sets all the parameters to the default values)

DIMMING CURVE

The dimming curve is the correlation between the change in the value of the dimming control and the actual change in the fixture's light intensity. Curve is also the extent to which the fixture delays its response time to the control signal in order to smooth dimming.

Select the Curve with ⌃⌄ and directly set it pressing ⊕⊖ to choose among Linear (default), Exponential or Logarithmic.
Linear curve is the default setting.

LINEAR (DEFAULT)
Linear has no curve. Brightness levels correlate exactly with the value of the dimming control. Moderate lag in response for good dimming smoothness. Linear allows quick jumps in brightness.

EXPONENTIAL
The resolution is high at lower intensity levels and low at higher intensity levels. It provides moderate lag in response for good smoothness and allows quick jumps in brightness. Suitable for most applications.
Use this dimming curve when you need a high resolution at low intensity levels.

LOGARITHMIC
The resolution is low at lower intensity levels and high at higher intensity levels. Use this dimming curve when you need a high resolution at high intensity levels.

CYCLORAMA MODE

VELVET CYC includes a special dimming function: CYCLORAMA mode

This function sets the intensity of each individual bar to the optimal value to obtain homogeneous illumination on any cyclorama or flat background.

This feature is enabled by default, but you can disable it if you want.

If you want to have full control of the individual dimming of each Light Engine from 0 to 100%, the Cyclorama Mode must be OFF

Cyclorama mode applies to both local control and remote control.
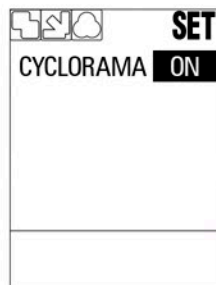
WIRE OPTIONS

DMX-RDM CONTROL
The VELVET CYC offers eight DMX control Modes on 8-bit and eight more on 16-bit.
It also offers two control Modes on 8-bit for individual control of each of its light engines or battens.
Use the 8-bit modes with basic controllers like dimmer consoles. The DMX mode can be selected on the DMX-RDM menu.

The control mode named "Changing mode" allow to dynamically and remotely change the DMX mode through a DMX console by changing the channel 2 value on 8-bit or channel 3 value on 16-bit.
Please refer to "DMX Map chart 8-bit" and "DMX Chart 16-bit".

The 16-bit modes use two channels for most parameters and provide higher resolution compared to the 8-bit modes.
One channel sets the coarse value between 0 and 255 of the function while each step is divided in 256 increments using the fine channel.

To select DMX-RDM Status (Master/Slave)
1. Push ⬚ to select "SETTINGS"
2. Select "DMX-RDM" with ⬚⬚ and press ⬚
3. Select "STATUS" with ⬚⬚ and press ⬚
4. Push ⬚ to select MASTER mode
5. Push ⬚ to select SLAVE mode

Slave setting is set as default. Every time the fixture is powered off the DMX mode will be reset to Slave mode.

IMPORTANT NOTE: In order to properly control any Slave VELVET CYC fixture from a Master VELVET CYC you need to set the same DMX mode and the same DMX channel on both Master and Slave fixtures.

To SET DMX ADRESS

Select the DMX Address with ⬚⬚ and directly set its value pressing ⬚⬚

To SELECT DMX-RDM CONTROL MODE

Push MODE button to select "SETTINGS"
Select "DMX-RDM" with ⬚⬚ and press ⬚
Select "DMX mode" with ⬚⬚ and press ⬚

DMX SIGNAL LOSS
In case of DMX signal loss, the fixture will hold the last values received.

Do not use microphone cables or other general purpose two-core cables designed for audio or signal use. They are not suitable for DMX 512. Problems due to wrong cabling may not be immediately perceptible. Microphone cables may appear to work fine, but systems built with such cables may fail or be susceptible to random errors. Cable must comply with RS-485 DMX protocol (EIA485).

A DMX terminator should be plugged into the final, empty, OUT connector of the last slave on the daisy chains. A terminator is a stand-alone male connector with a built-in 120 Ω resistor, matching the cable characteristic impedance, connected across the primary data signal pair.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MODE 1 CCT 3 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G													
MODE 2 CCT & HSI 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	HUE 0-359 DEGREES Values: 0-255 Percent: 0-100											
MODE 3 CCT & RGB 7 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	RED	GREEN	BLUE									
MODE 4 RGBW 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	RED	GREEN	BLUE	WHITE											
MODE 5 GELS 6 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	GEL NUMBER Values: 0-255 Percent: 0-100	RESERVED FOR FUTURE USE										
MODE 6 LIGHTSOURCES 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	LIGHTOUSE NUMBER Values: 0-255 Percent: 0-100											
MODE 7 PRESETS 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	PRESET NUMBER Values: 0-255 Percent: 0-100b											
MODE 8 EFFECTS 9 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	EFFECT NUMBER Values: 0-255 Percent: 0-100	PARAMETER #1	PARAMETER #2	PARAMETER #3	PARAMETER #4	RESERVED FOR FUTURE USE	RESERVED FOR FUTURE USE	RESERVED FOR FUTURE USE							
MODE 9 CHANGING CTT 4 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	0-9 : CCT Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G													
MODE 9 CHANGING CTT + HSI 6 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	10-19 : CCT & HSI Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	HUE 0-359 DEGREES Values: 0-255 Percent: 0-100											
MODE 9 CHANGING CTT + RGB 8 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	20-29: CCT & RGB Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	RED	GREEN	BLUE									
MODE 9 CHANGING GELS 7 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	30-39: Gels Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	GEL NUMBER Values: 0-255 Percent: 0-100	RESERVED FOR FUTURE USE										
MODE 9 CHANGING LIGHTSOURCES 6 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	40-49: Lightsources Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	LIGHTOUSE NUMBER Values: 0-255 Percent: 0-100											
MODE 9 CHANGING PRESETS 8 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	50-59: Presets Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	PRESET NUMBER Values: 0-255 Percent: 0-100											
MODE 9 CHANGING EFFECTS 10 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	60-69: Effects	EFFECT NUMBER Values: 0-255 Percent: 0-100	PARAMETER #1	PARAMETER #2	PARAMETER #3	PARAMETER #4	RESERVED FOR FUTURE USE	RESERVED FOR FUTURE USE	RESERVED FOR FUTURE USE						
MODE 9 CHANGING RGBW 6 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	70-79: RGB+	RED	GREEN	BLUE	WHITE										
CHANGING INDIVIDUAL CCT & RGB 26 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	80-89: RGBW	INTENSITY ROW 1 Values: 0-255 Percent: 0-100	KELVIN ROW 1 2500K-10.0K	SATURATION CROSSFADE to COLOR ROW 1 Values: 0-255 Percent: 0-100	RED ROW 1	GREEN ROW 1	BLUE ROW 1	INTENSITY ROW 2 Values: 0-255 Percent: 0-100	KELVIN ROW 2 2500K-10.0K	SATURATION CROSSFADE to COLOR ROW 2 Values: 0-255 Percent: 0-100	RED ROW 2	GREEN ROW 2	BLUE ROW 2	INTENSITY ROW 3 Percent: 0-100	KELVIN ROW 3 2500K-10.0K Values: 0-255 Percent: 0-100
CHANGING INDIVIDUAL RGBW 22 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	90-99: RGBW	INTENSITY ROW 1 Values: 0-255 Percent: 0-100	WHITE ROW 1	RED ROW 1	GREEN ROW 1	BLUE ROW 1	INTENSITY ROW 2 Values: 0-255 Percent: 0-100	WHITE ROW 2	RED ROW 2	GREEN ROW 2	BLUE ROW 2	INTENSITY ROW 3 Values: 0-255 Percent: 0-100	WHITE ROW 3	RED ROW 3	GREEN ROW 3
INDIVIDUAL CCT & RGB 25 channels	MASTER INTENSITY ROW 1 Values: 0-255 Percent: 0-100	INTENSITY ROW 1 Values: 0-255 Percent: 0-100	KELVIN ROW 1 2500K-10.0K Values: 0-255 Percent: 0-100	SATURATION CROSSFADE to COLOR ROW 1 Values: 0-255 Percent: 0-100	RED ROW 1	GREEN ROW 1	BLUE ROW 1	INTENSITY ROW 2 Values: 0-255 Percent: 0-100	KELVIN ROW 2 2500K Values: 0-255	SATURATION CROSSFADE to COLOR ROW 2 Values: 0-255	RED ROW 2	GREEN ROW 2	BLUE ROW 2	INTENSITY ROW 3 2500K-10.0K Percent: 0-100	KELVIN ROW 3 2500K-10.0K Values: 0-255 Percent: 0-100	SATURATION CROSSFADE to COLOR ROW 3 Values: 0-255 Percent: 0-100
INDIVIDUAL RGBW 21 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	INTENSITY ROW 1 Values: 0-255 Percent: 0-100	WHITE ROW 1	RED ROW 1	GREEN ROW 1	BLUE ROW 1	INTENSITY ROW 2 Values: 0-255 Percent: 0-100	WHITE ROW 2	RED ROW 2	GREEN ROW 2	BLUE ROW 2	INTENSITY ROW 3 Values: 0-255 Percent: 0-100	WHITE ROW 3	RED ROW 3	GREEN ROW 3	BLUE ROW 3

	17	18	19	20
CHANGING INDIVIDUAL CCT & RGB 26 channels	SATURATION CROSSFADE to COLOR ROW 3 Values: 0-255 Percent: 0-100	RED ROW 3	GREEN ROW 3	BLUE ROW 3
CHANGING INDIVIDUAL RGBW 22 channels	BLUE ROW 3			
INDIVIDUAL CCT & RGB 25 channels	RED ROW 3	GREEN ROW 3	BLUE ROW 3	

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MODE 1 CCT 3 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G													
MODE 2 CCT & HSI 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	HUE 0-359 DEGREES Values: 0-255 Percent: 0-100											
MODE 3 CCT & RGB 7 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	RED	GREEN	BLUE									
MODE 4 RGBW 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	RED	GREEN	BLUE	WHITE											
MODE 5 GELS 6 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	GEL NUMBER Values: 0-255 Percent: 0-100	RESERVED FOR FUTURE USE										
MODE 6 LIGHTSOURCES 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	LIGHTOUSE NUMBER Values: 0-255 Percent: 0-100											
MODE 7 PRESETS 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	PRESETS NUMBER Values: 0-255 Percent: 0-100b											
MODE 8 EFFECTS 9 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	EFFECT NUMBER Values: 0-255 Percent: 0-100	PARAMETER #1	PARAMETER #2	PARAMETER #3	PARAMETER #4	RESERVED FOR FUTURE USE	RESERVED FOR FUTURE USE	RESERVED FOR FUTURE USE							
MODE 9 CHANGING CTT 4 channels	MASTER INTENSITY Values: 0-256 Percent: 0-100	0-9 : CCT Values: 0-256 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G													
MODE CHANGING CTT + HSI 6 channels	MASTER INTENSITY Values: 0-256 Percent: 0-100	10-19 : CCT & HSI Values: 0-256 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	HUE 0-359 DEGREES Values: 0-255 Percent: 0-100											
MODE 9 CHANGING CTT + RGB 8 channels	MASTER INTENSITY Values: 0-256 Percent: 0-100	20-29: CCT & RGB Values: 0-256 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	RED	GREEN	BLUE									
MODE 9 CHANGING GELS 7 channels	MASTER INTENSITY Values: 0-256 Percent: 0-100	30-39: Gels Values: 0-256 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	GEL NUMBER Values: 0-255 Percent: 0-100	RESERVED FOR FUTURE USE										
MODE 9 CHANGING LIGHTSOURCES 6 channels	MASTER INTENSITY Values: 0-256 Percent: 0-100	40-49: Lightsources Values: 0-256 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	LIGHTOUSE NUMBER Values: 0-255 Percent: 0-100											
MODE 9 CHANGING PRESETS 8 channels	MASTER INTENSITY Values: 0-256 Percent: 0-100	50-59: Presets Values: 0-256 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	PRESETS NUMBER Values: 0-255 Percent: 0-100											
MODE 9 CHANGING EFFECTS 10 channels	MASTER INTENSITY Values: 0-256 Percent: 0-100	60-69: Effects	EFFECT NUMBER Values: 0-256 Percent: 0-100	PARAMETER #1	PARAMETER #2	PARAMETER #3	PARAMETER #4	RESERVED FOR FUTURE USE	RESERVED FOR FUTURE USE	RESERVED FOR FUTURE USE						
MODE 9 CHANGING RGBW 6 channels	MASTER INTENSITY Values: 0-256 Percent: 0-100	70-79: RGB+	RED	GREEN	BLUE	WHITE										
CHANGING INDIVIDUAL CCT & RGB 26 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100		INTENSITY ROW 1 Values: 0-255 Percent: 0-100	KELVIN ROW 1 2500K-10.0K Values: 0-255 Percent: 0-100	SATURATION CROSSFADE to COLOR ROW 1 Values: 0-255 Percent: 0-100	RED ROW 1	GREEN ROW 1	BLUE ROW 1	INTENSITY ROW 2 Values: 0-255 Percent: 0-100	KELVIN ROW 2 2500K-10.0K Values: 0-255 Percent: 0-100	SATURATION CROSSFADE to COLOR ROW 2 Values: 0-255 Percent: 0-100	RED ROW 2	GREEN ROW 2	BLUE ROW 2	INTENSITY ROW 3 Values: 0-255 Percent: 0-100	KELVIN ROW 3 2500K-10.0K Values: 0-255 Percent: 0-100
CHANGING INDIVIDUAL RGBW 22 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100		INTENSITY ROW 1 Values: 0-255 Percent: 0-100	WHITE ROW 1	RED ROW 1	GREEN ROW 1	BLUE ROW 1	INTENSITY ROW 2 Values: 0-255 Percent: 0-100	WHITE ROW 2	RED ROW 2	GREEN ROW 2	BLUE ROW 2	INTENSITY ROW 3 Values: 0-255 Percent: 0-100	WHITE ROW 3	RED ROW 3	GREEN ROW 3
INDIVIDUAL CCT & RGB 25 channels	MASTER INTENSITY ROW 1 Values: 0-255 Percent: 0-100		KELVIN ROW 1 2500K Values: 0-255 Percent: 0-100	SATURATION CROSSFADE to COLOR ROW 1 Values: 0-255 Percent: 0-100	RED ROW 1	GREEN ROW 1	BLUE ROW 1	KELVIN ROW 2 2500K Values: 0-255	SATURATION CROSSFADE to COLOR ROW 2 Values: 0-255 Percent: 0-100	RED ROW 2	GREEN ROW 2	BLUE ROW 2	KELVIN ROW 3 2500K-10.0K Values: 0-255 Percent: 0-100	SATURATION CROSSFADE to COLOR ROW 3 Values: 0-255 Percent: 0-100		
INDIVIDUAL RGBW 21 channels	MASTER INTENSITY ROW 1 Values: 0-255 Percent: 0-100		WHITE ROW 1	RED ROW 1	GREEN ROW 1	BLUE ROW 1	INTENSITY ROW 2 Values: 0-255 Percent: 0-100	WHITE ROW 2	RED ROW 2	GREEN ROW 2	BLUE ROW 2	INTENSITY ROW 3 Values: 0-255 Percent: 0-100	WHITE ROW 3	RED ROW 3	GREEN ROW 3	BLUE ROW 3

	17	18	19	20	21	22	23	24	25	26
CHANGING INDIVIDUAL CCT & RGB 26 channels	SATURATION CROSSFADE to COLOR ROW 3 Values: 0-255 Percent: 0-100	RED ROW 3	GREEN ROW 3	BLUE ROW 3	INTENSITY ROW 4 Values: 0-255 Percent: 0-100	KELVIN ROW 4 2500K-10.0K Values: 0-255 Percent: 0-100	SATURATION CROSSFADE to COLOR ROW 4 Values: 0-255 Percent: 0-100	RED ROW 4	GREEN ROW 4	BLUE ROW 4
CHANGING INDIVIDUAL RGBW 22 channels	BLUE ROW 3	INTENSITY ROW 4 Values: 0-255 Percent: 0-100	WHITE ROW 4	RED ROW 4	GREEN ROW 4	BLUE ROW 4				
INDIVIDUAL CCT & RGB 25 channels	RED ROW 3	GREEN ROW 3	BLUE ROW 3	INTENSITY ROW 4 Values: 0-255 Percent: 0-100	KELVIN ROW 4 Values: 0-255 Percent: 0-100	SATURATION CROSSFADE to COLOR ROW 4 Values: 0-255 Percent: 0-100	RED ROW 4	GREEN ROW 4	BLUE ROW 4	
INDIVIDUAL RGBW 21 channels	INTENSITY ROW 4 Values: 0-255 Percent: 0-100	WHITE ROW 4	RED ROW 4	GREEN ROW 4	BLUE ROW 4					

CYC 4/ 16 bits map — DMX channel chart for VELVET CYC modes (MODE 1 through MODE 9 and Individual/Changing configurations).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MODE 1 CCT 3 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G													
MODE 2 CCT & HSI 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	HUE 0-359 DEGREES Values: 0-255 Percent: 0-100											
MODE 3 CCT & RGB 7 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	RED	GREEN	BLUE									
MODE 4 RGBW 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	RED	GREEN	BLUE	WHITE											
MODE 5 GELS 6 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	GEL NUMBER Values: 0-255 Percent: 0-100	RESERVED FOR FUTURE USE										
MODE 6 LIGHTSOURCES 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	LIGHTOUSE NUMBER Values: 0-255 Percent: 0-100											
MODE 7 PRESETS 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	PRESET Values: 0-255 Percent: 0-100h											
MODE 8 EFFECTS 9 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	EFFECT NUMBER Values: 0-255 Percent: 0-100	PARAMETER # 1	PARAMETER # 2	PARAMETER # 3	PARAMETER # 4	RESERVED FOR FUTURE USE	RESERVED FOR FUTURE USE	RESERVED FOR FUTURE USE							
MODE 9 CHANGING CTT 4 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	0-9 : CCT	KELVIN 2500K-10.0K Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	GREEN/MAG 100M-100G												
MODE 9 CHANGING CTT + HSI 6 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	10-19 : CCT & HSI	KELVIN 2500K-10.0K Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	GREEN/MAG 100M-100G SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	HUE 0-359 DEGREES Values: 0-255 Percent: 0-100											
MODE 9 CHANGING CTT + RGB 8 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	20-29: CCT & RGB	KELVIN 2500K-10.0K Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	GREEN/MAG 100M-100G SATURATION CROSSFADE to COLOR Values: 0-255	RED	GREEN	BLUE									
MODE 9 CHANGING GELS 7 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	30-39: Gels	KELVIN 2500K-10.0K Value 0: Neutral Value 1-121: 100M to 1M Value 122-132: Neutral Zone Value 133-255: 1G to 100G	GREEN/MAG 100M-100G SATURATION CROSSFADE to COLOR Values: 0-255	GEL NUMBER Values: 0-255 Percent: 0-100	RESERVED FOR FUTURE USE										
MODE 9 CHANGING LIGHTSOURCES 6 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	40-49: Lightsources	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G SATURATION CROSSFADE to COLOR	LIGHTOUSE NUMBER Values: 0-255 Percent: 0-100											
MODE 9 CHANGING PRESETS 8 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	50-59: Presets	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G SATURATION CROSSFADE to COLOR	PRESET Values: 0-255											
MODE 9 CHANGING EFFECTS 10 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	60-69: Effects	EFFECT NUMBER Values: 0-255 Percent: 0-100	PARAMETER # 1	PARAMETER # 2	PARAMETER # 3	PARAMETER # 4	RESERVED FOR FUTURE USE	RESERVED FOR FUTURE USE	RESERVED FOR FUTURE USE						
MODE 9 CHANGING RGBW 6 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	70-79: RGB+	RED	GREEN	BLUE	WHITE										
CHANGING INDIVIDUAL CCT & RGB 32 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	80-89: RGBW	INTENSITY ROW 1 Values: 0-255 Percent: 0-100	KELVIN ROW 1 2500K-10.0K	SATURATION CROSSFADE to COLOR ROW 1 Values: 0-255 Percent: 0-100	RED ROW 1	GREEN ROW 1	BLUE ROW 1	INTENSITY ROW 2 Values: 0-255 Percent: 0-100	KELVIN ROW 2 2500K-10.0K	SATURATION CROSSFADE to COLOR ROW 2 Values: 0-255 Percent: 0-100	RED ROW 2	GREEN ROW 2	BLUE ROW 2	INTENSITY ROW 3 Values: 0-255 Percent: 0-100	KELVIN ROW 3 2500K-10.0K Values: 0-255 Percent: 0-100
CHANGING INDIVIDUAL RGBW 27 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	90-99: RGBW	INTENSITY ROW 1 Values: 0-255 Percent: 0-100	WHITE ROW 1	RED ROW 1	GREEN ROW 1	BLUE ROW 1	INTENSITY ROW 2 Values: 0-255 Percent: 0-100	WHITE ROW 2	RED ROW 2	GREEN ROW 2	BLUE ROW 2	INTENSITY ROW 3 Values: 0-255 Percent: 0-100	WHITE ROW 3	RED ROW 3	GREEN ROW 3
INDIVIDUAL CCT & RGB 31 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	INTENSITY ROW 1 Values: 0-255 Percent: 0-100	KELVIN ROW 1 2500K-10.0K	SATURATION CROSSFADE to COLOR ROW 1 Values: 0-255 Percent: 0-100	RED ROW 1	GREEN ROW 1	BLUE ROW 1	INTENSITY ROW 2 Values: 0-255	KELVIN ROW 2 2500K-10.0K Values: 0-255	SATURATION CROSSFADE to COLOR ROW 2 Values: 0-255	RED ROW 2	GREEN ROW 2	BLUE ROW 2	INTENSITY ROW 3 Values: 0-255	KELVIN ROW 3 2500K-10.0K Values: 0-255	SATURATION CROSSFADE to COLOR ROW 3 Values: 0-255
INDIVIDUAL RGBW 26 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	INTENSITY ROW 1 Values: 0-255 Percent: 0-100	WHITE ROW 1	RED ROW 1	GREEN ROW 1	BLUE ROW 1	INTENSITY ROW 2 Values: 0-255 Percent: 0-100	WHITE ROW 2	RED ROW 2	GREEN ROW 2	BLUE ROW 2	INTENSITY ROW 3 Values: 0-255 Percent: 0-100	WHITE ROW 3	RED ROW 3	GREEN ROW 3	BLUE ROW 3

	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
CHANGING INDIVIDUAL CCT & RGB 32 channels	2500K-10.0K Values: 0-255 Percent: 0-100	SATURATION CROSSFADE to COLOR ROW 3 Values: 0-255 Percent: 0-100	RED ROW 3	GREEN ROW 3	BLUE ROW 3	INTENSITY ROW 4 Values: 0-255 Percent: 0-100	KELVIN ROW 4 2500K-10.0K	SATURATION CROSSFADE to COLOR ROW 4 Values: 0-255 Percent: 0-100	RED ROW 4	GREEN ROW 4	BLUE ROW 4	INTENSITY ROW 5 Values: 0-255 Percent: 0-100	KELVIN ROW 5 2500K-10.0K	SATURATION CROSSFADE to COLOR ROW 5 Values: 0-255 Percent: 0-100	RED ROW 5	GREEN ROW 5	BLUE ROW 5
CHANGING INDIVIDUAL RGBW 27 channels	ROW 3	BLUE ROW 3	INTENSITY ROW 4 Values: 0-255 Percent: 0-100	WHITE ROW 4	RED ROW 4	GREEN ROW 4	BLUE ROW 4	INTENSITY ROW 5 Values: 0-255 Percent: 0-100	WHITE ROW 5	RED ROW 5	GREEN ROW 5	BLUE ROW 5				
INDIVIDUAL CCT & RGB 31 channels	CROSSFADE to COLOR ROW 3 Values: 0-255 Percent: 0-100	RED ROW 3	GREEN ROW 3	BLUE ROW 3	INTENSITY ROW 4 Values: 0-255 Percent: 0-100	KELVIN ROW 4 2500K-10.0K	SATURATION CROSSFADE to COLOR ROW 4 Values: 0-255 Percent: 0-100	RED ROW 4	GREEN ROW 4	BLUE ROW 4	INTENSITY ROW 5 Values: 0-255 Percent: 0-100	KELVIN ROW 5 2500K-10.0K	SATURATION CROSSFADE to COLOR ROW 5 Values: 0-255 Percent: 0-100	RED ROW 5	GREEN ROW 5	BLUE ROW 5
INDIVIDUAL RGBW 26 channels	ROW 3	INTENSITY ROW 4 Values: 0-255 Percent: 0-100	WHITE ROW 4	RED ROW 4	GREEN ROW 4	BLUE ROW 4	INTENSITY ROW 5 Values: 0-255 Percent: 0-100	WHITE ROW 5	RED ROW 5	GREEN ROW 5	BLUE ROW 5					

Section 1 (channels 1–16)

Mode	1	2	3–4	5	6	7	8	9	10	11
MODE 1 CCT 3 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G Value 0: Neutral / Value 1-121: 100M to 1M / Value 122-132: Neutral Zone / Value 133-255: 1G to 100G							
MODE 2 CCT & HSI 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G (Value 0: Neutral / 1-121: 100M to 1M / 122-132: Neutral Zone / 133-255: 1G to 100G)	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	HUE 0-359 DEGREES Values: 0-255 Percent: 0-100					
MODE 3 CCT & RGB 7 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G (Value 0: Neutral / 1-121: 100M to 1M / 122-132: Neutral Zone / 133-255: 1G to 100G)	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	RED	GREEN	BLUE			
MODE 4 RGBW 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	RED	GREEN	BLUE	WHITE					
MODE 5 GELS 6 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G (Value 0: Neutral / 1-121: 100M to 1M / 122-132: Neutral Zone / 133-255: 1G to 100G)	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	GEL NUMBER Values: 0-255 Percent: 0-100	RESERVED FOR FUTURE USE				
MODE 6 LIGHTSOURCES 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G (Value 0: Neutral / 1-121: 100M to 1M / 122-132: Neutral Zone / 133-255: 1G to 100G)	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	LIGHTOUSE NUMBER Values: 0-255 Percent: 0-100					
MODE 7 PRESETS 5 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G (Value 0: Neutral / 1-121: 100M to 1M / 122-132: Neutral Zone / 133-255: 1G to 100G)	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	PRESET NUMBER Values: 0-255 Percent: 0-100					
MODE 8 EFFECTS 9 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	EFFECT NUMBER Values: 0-255 Percent: 0-100	PARAMETER #1	PARAMETER #2	PARAMETER #3	PARAMETER #4	RESERVED FOR FUTURE USE	RESERVED FOR FUTURE USE	RESERVED FOR FUTURE USE	
MODE 9 CHANGING CTT 4 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	0-9 : CCT Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G (Value 0: Neutral / 1-121: 100M to 1M / 122-132: Neutral Zone / 133-255: 1G to 100G)							
MODE 9 CHANGING CTT + HSI 6 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	10-19 : CCT & HSI	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G (Value 0: Neutral / 1-121: 100M to 1M / 122-132: Neutral Zone / 133-255: 1G to 100G)	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	HUE 0-359 DEGREES Values: 0-255 Percent: 0-100				
MODE 9 CHANGING CTT + RGB 8 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	20-29: CCT & RGB	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G (Value 0: Neutral / 1-121: 100M to 1M / 122-132: Neutral Zone / 133-255: 1G to 100G)	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	RED	GREEN	BLUE		
MODE 9 CHANGING GELS 7 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	30-39: Gels	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G (Value 0: Neutral / 1-121: 100M to 1M / 122-132: Neutral Zone / 133-255: 1G to 100G)	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	GEL NUMBER Values: 0-255 Percent: 0-100	RESERVED FOR FUTURE USE			
MODE 9 CHANGING LIGHTSOURCES 6 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	40-49: Lightsources	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G (Value 0: Neutral / 1-121: 100M to 1M / 122-132: Neutral Zone / 133-255: 1G to 100G)	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100	LIGHTOUSE NUMBER Values: 0-255 Percent: 0-100				
MODE 9 CHANGING PRESETS 8 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	50-59: Presets	KELVIN 2500K-10.0K Values: 0-255 Percent: 0-100	GREEN/MAG 100M-100G (Value 0: Neutral / 1-121: 100M to 1M / 122-132: Neutral Zone / 133-255: 1G to 100G)	SATURATION CROSSFADE to COLOR Values: 0-255 Percent: 0-100					
MODE 9 CHANGING EFFECTS 10 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	60-69: Effects	EFFECT NUMBER Values: 0-255 Percent: 0-100	PARAMETER #1	PARAMETER #2	PARAMETER #3	PARAMETER #4	RESERVED FOR FUTURE USE	RESERVED FOR FUTURE USE	
MODE 9 CHANGING RGBW 8 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	70-79: RGB+	RED	GREEN	BLUE	WHITE				

Individual section (channels 1–16 cont.)

Mode											
CHANGING INDIVIDUAL CCT & RGB 38 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	80-89: RGBW	INTENSITY ROW 1 Values: 0-255 Percent: 0-100	KELVIN ROW 1 2500K-10.0K Values: 0-255 Percent: 0-100	SATURATION CROSSFADE to COLOR ROW 1 Values: 0-255 Percent: 0-100	RED ROW 1	GREEN ROW 1	BLUE ROW 1	INTENSITY ROW 2 Values: 0-255 Percent: 0-100	KELVIN ROW 2 2500K-10.0K Values: 0-255 Percent: 0-100	SATURATION CROSSFADE to COLOR ROW 2 Values: 0-255 Percent: 0-100 … RED ROW 2 / GREEN ROW 2 / BLUE ROW 2 / INTENSITY ROW 3 / KELVIN ROW 3 …
CHANGING INDIVIDUAL RGBW 32 channels	MASTER INTENSITY Values: 0-255 Percent: 0-100	90-99: RGBW	INTENSITY ROW 1 Values: 0-255 Percent: 0-100	WHITE ROW 1	RED ROW 1	GREEN ROW 1	BLUE ROW 1	INTENSITY ROW 2 Values: 0-255 Percent: 0-100	WHITE ROW 2	RED ROW 2 / GREEN ROW 2 / BLUE ROW 2 / INTENSITY ROW 3 / WHITE ROW 3 / RED ROW 3 / GREEN ROW 3
INDIVIDUAL CCT & RGB 37 channels	MASTER INTENSITY ROW 1 Values: 0-255 Percent: 0-100	KELVIN ROW 1 2500K-10.0K Values: 0-255 Percent: 0-100	SATURATION CROSSFADE to COLOR ROW 1 Values: 0-255 Percent: 0-100	RED ROW 1	GREEN ROW 1	BLUE ROW 1	INTENSITY ROW 2 Values: 0-255 Percent: 0-100	KELVIN ROW 2 2500K-10.0K Values: 0-255	SATURATION CROSSFADE to COLOR ROW 2 Values: 0-255	RED ROW 2 / GREEN ROW 2 / BLUE ROW 2 / INTENSITY ROW 3 / KELVIN ROW 3 / SATURATION CROSSFADE to COLOR ROW 3
INDIVIDUAL RGBW 31 channels	MASTER INTENSITY ROW 1 Values: 0-255 Percent: 0-100	WHITE ROW 1	RED ROW 1	GREEN ROW 1	BLUE ROW 1	INTENSITY ROW 2 Values: 0-255 Percent: 0-100	WHITE ROW 2	RED ROW 2	GREEN ROW 2	BLUE ROW 2 / INTENSITY ROW 3 / WHITE ROW 3 / RED ROW 3 / GREEN ROW 3 / BLUE ROW 3

Section 2 (channels 17–33)

Mode	
CHANGING INDIVIDUAL CCT & RGB 38 channels	SATURATION CROSSFADE to COLOR ROW 3 Values: 0-255 Percent: 0-100 — RED ROW 3 — GREEN ROW 3 — BLUE ROW 3 — INTENSITY ROW 4 Values: 0-255 Percent: 0-100 — KELVIN ROW 4 2500K-10.0K — SATURATION CROSSFADE to COLOR ROW 4 Values: 0-255 — RED ROW 4 — GREEN ROW 4 — BLUE ROW 4 — INTENSITY ROW 5 Values: 0-255 — KELVIN ROW 5 2500K-10.0K — SATURATION CROSSFADE to COLOR ROW 5 Values: 0-255 — RED ROW 5 — GREEN ROW 5 — BLUE ROW 5 — INTENSITY ROW 6 Values: 0-255
CHANGING INDIVIDUAL RGBW 32 channels	BLUE ROW 3 — INTENSITY ROW 4 Values: 0-255 Percent: 0-100 — WHITE ROW 4 — RED ROW 4 — GREEN ROW 4 — BLUE ROW 4 — INTENSITY ROW 5 Values: 0-255 Percent: 0-100 — WHITE ROW 5 — RED ROW 5 — GREEN ROW 5 — BLUE ROW 5 — INTENSITY ROW 6 Values: 0-255 — WHITE ROW 6 — RED ROW 6 — GREEN ROW 6 — BLUE ROW 6
INDIVIDUAL CCT & RGB 37 channels	RED ROW 3 — GREEN ROW 3 — BLUE ROW 3 — INTENSITY ROW 4 Values: 0-255 Percent: 0-100 — KELVIN ROW 4 2500K-10.0K — SATURATION CROSSFADE to COLOR ROW 4 Values: 0-255 — RED ROW 4 — GREEN ROW 4 — BLUE ROW 4 — INTENSITY ROW 5 Values: 0-255 — KELVIN ROW 5 2500K-10.0K — SATURATION CROSSFADE to COLOR ROW 5 Values: 0-255 — RED ROW 5 — GREEN ROW 5 — BLUE ROW 5 — INTENSITY ROW 6 Values: 0-255 — KELVIN ROW 6 2500K-10.0K
INDIVIDUAL RGBW 31 channels	INTENSITY ROW 4 Values: 0-255 Percent: 0-100 — WHITE ROW 4 — RED ROW 4 — GREEN ROW 4 — BLUE ROW 4 — INTENSITY ROW 5 Values: 0-255 Percent: 0-100 — WHITE ROW 5 — RED ROW 5 — GREEN ROW 5 — BLUE ROW 5 — INTENSITY ROW 6 Values: 0-255 — WHITE ROW 6 — RED ROW 6 — GREEN ROW 6 — BLUE ROW 6

Section 3 (channels 34–38)

Mode	
CHANGING INDIVIDUAL CCT & RGB 38 channels	KELVIN ROW 6 2500K-10.0K — SATURATION CROSSFADE to COLOR ROW 6 Values: 0-255 Percent: 0-100 — RED ROW 6 — GREEN ROW 6 — BLUE ROW 6
CHANGING INDIVIDUAL RGBW 32 channels	
INDIVIDUAL CCT & RGB 37 channels	SATURATION CROSSFADE to COLOR ROW 6 Values: 0-255 Percent: 0-100 — RED ROW 6 — GREEN ROW 6 — BLUE ROW 6
INDIVIDUAL RGBW 31 channels	

01	Rose Pink	26	Paler Lavender	51	Peacock Blue
02	Lavender Tint	27	Lavender	52	Medium Bl.-Gr.
03	Medium Bas Amber	28	Mist Blue	53	Steel Blue
04	Pale Yellow	29	Pale Blue	54	Light Blue
05	Dark Salmon	30	Sky Blue	55	Dark Blue
06	Pale Amber Gold	31	Tokyo Blue	56	Deep Blue
07	Medium Yellow	32	Evening Blue	57	LEE Green
08	Straw Tint	33	Just Blue	58	Fern Green
09	Deep Straw	34	Deeper Blue	59	Dark Green
10	Surprise Peach	35	Lime Green	60	Mauve
11	Fire	36	Moss Green	61	Smokey Pink
12	Medium Amber	37	Dark Yell. Green	62	Bright Pink
13	Gold Amber	38	Spring Yellow	63	Clear
14	Dark Amber	39	Yellow	64	Marine Blue
15	Scarlet	40	Light Amber	65	Medium Blue
16	Sunset Red	41	Straw	66	Golden Amber
17	Bright Red	42	Deep Amber	67	Deep Gold. Amber
18	Medium Red	43	Orange	68	Pale Lavender
19	Plasa Red	44	Primary Red	69	Special Lavender
20	Light Pink	45	Light Rose	70	Pale Green
21	Medium Pink	46	English Rose	71	Primary Green
22	Dark Magenta	47	Light Salmon	72	Summer Blue
23	Rose Purple	48	Middle Rose	73	Bright Blue
24	Medium Purple	49	Dark Pink	74	Pale Violet
25	Light Lavender	50	Magenta	75	Pale Navy Blue

76 No Colour Blue	101 Flesh Pink	126 CSI to Tungsten
77 Apricot	102 Surprise Pink	127 LEE Fluor. 5.7K
78 Bright Rose	103 Zenith Blue	128 LEE Fluor. 4.3K
79 Gold Tint	104 True Blue	129 LEE Fluor. 3.6K
80 Pale Gold	105 Alice Blue	130 LEE Plus Green
81 Pale Salmon	106 Palace Blue	131 Half Plus Green
82 Pale Rose	107 Regal Blue	132 Quart. Plus Gr.
83 Chocolate	108 Double CTB	133 LEE Minus Green
84 Pink	109 Full CTB	134 Half Minus Green
85 Deep Orange	110 Half CTB	135 Quarter Min. Gr.
86 No Colour Straw	111 Quarter CTB	136 Eighth Plus Gr.
87 Slate Blue	112 Full CTO	137 Eighth Minus Gr.
88 Bastard Amber	113 Half CTO	138 Three Quart. CTB
89 Flame Red	114 Quarter CTO	139 One - Half CTB
90 Daylight Blue	115 Full CTO + .3 ND	140 Three Quart. CTO
91 Lilac Tint	116 Full CTO + .6 ND	141 One - Half CTO
92 Deep Lavender	117 LCT Yellow (Y1)	142 Double CTO
93 Lagoon Blue	118 White Flame Gr.	143 Soft Green
94 Dark Steel Blue	119 Eighth CTB	144 Jade
95 Loving Amber	120 LEE Fluor. Green	145 Forest Green
96 Chrome Orange	121 Eighth CTO	146 Follies Pink
97 Dark Lavender	122 Sup.Corr. LCT Y.	147 Sp. Rose Pink
98 Congo Blue	123 Sup.Corr.W.F.Gr.	148 Sp. M. Lavender
99 Light Red	124 HMI to Tungsten	149 Fuchsia Pink
100 Moonlight Blue	125 CID to Tungsten	150 Glacier Blue

151 Lighter Blue	176 Platinum	201 Colour Wash Blue
152 Sp. Steel Blue	177 Moonlight White	202 Berry Blue
153 Sp. Medium Blue	178 Full CT 8-5	203 Bray Blue
154 Cornflower	179 Half Must. Yell.	204 Virgin Blue
155 Full CT Straw	180 Quart.Must.Yell.	205 Ocean Blue
156 Half CT Straw	181 Industry Sodium	206 Old Steel Blue
157 Quarter CT Straw	182 HI Sodium	207 QFD Blue
158 Eighth CT Straw	183 Urban Sodium	208 Steel Green
159 Doub. New Blue	184 LO Sodium	209 Scuba Blue
160 New Blue R.B.	185 Perfect Lavender	210 Liberty Green
161 Half New Blue	186 Provence	211 Dirty Ice
162 Quart. New Blue	187 Sp. Pale Lavend.	212 Damp Squib
163 Waterfront Green	188 Cold Lavender	213 Velvet Green
164 Sally Green	189 Lily	214 Twickenham Green
165 Marlene	190 King Fals Laven.	215 JAS Green
166 Madge	191 Ultimate Violet	216 Aurora Bor. Gr.
167 Midnight Maya	192 Cool Lavender	217 Mustard Yellow
168 Bacon Brown	193 Electric Lilac	218 Bram Brown
169 Amber Delight	194 Spir Sp. Blue	219 Dirty White
170 Ice and a Slice	195 Cold Blue	220 Brown
171 Double G&T	196 Bedford Blue	221 Easy White
172 Argent Blue	197 J.Winter Blue	222 Seedy Pink
173 ALD Gold	198 Elysian Blue	223 Wheat
174 Arctic White	199 Cabana Blue	224 Sun Colour Straw
175 Silver	200 Mikkel Blue	225 LEE Yellow

LISTADO de GELS

226 Oklahoma Yellow	235 Terry Red	244 Sp. KH Lavender
227 Egg Yolk Yellow	236 Marius Red	
228 Burnt Yellow	237 Blood Red	
229 Cardbox Amber	238 Moroccan Pink	
230 Nectarine	239 Vanity Fair	
231 Rust	240 Pretty 'n Pink	
232 Millennium Gold	241 Magical Magenta	
233 Bastard Pink	242 Deep Purple	
234 AS Golden Amber	243 Chrysalis Pink	

LISTADO de LIGHTSOURCES

1 Blue screen	8 Fluor standard	15 Sky overcast
2 Green screen	9 Fluor cool	16 Sodium Hi pressure
3 Candle	10 Fluor black light	17 Sodium vapor
4 Tungsten	11 Hmi	18 Sunlight
5 Halogen	12 Mercury vapor	19 Sunset sun
6 Carbon arc	13 Moonlight	
7 Fluor warm	14 Sky blue	

WIRELESS OPTIONS

The VELVET CYC CPU includes a highly advanced hardware with a dedicated software to offer the user full wireless control.
The fixtures can be wirelessly controlled through Wi-Fi Art-Net to control from Smartphone or tablet any third-party application or device.

WI-FI Art-Net
Every VELVET CYC fixture is equipped with a Wi-Fi Art-Net system for wireless control.

Art-Net™ Designed by and Copyright Artistic License Holdings Ltd is a network protocol to control devices. For more detailed information, please visit the site of the Art-Net developers www.artisticlicence.com.

To link the fixture with any Wi-Fi device like smartphone, tablet or computer it is mandatory to use a VELVET Router (ref. VE-ROUTER) or alternatively any Wi-Fi router in which you need to change the SSDI and password to make it compatible with VELVET CYC.

The VELVET CYC can be linked to any Wi-Fi device through the Wi-Fi Router if there is no DMX signal received via a wired interface (DMX-512A through XLR-5 connector or Art-Net through Ethernet connector) and Wi-Fi is activated via the fixture menu.

If you want to use your own router you need to configure it with these credentials:
● SSID: VELVET Router
● Password: velvetrouter

ACTIVATING WI-FI

Push   to select "SETTINGS"
Select "REMOTE CONTROL" with   and press
Select "WIFI "with   The word "CONNECT" will be visible, press
The fixture can now be detected by the VELVET Router

Once Wi-Fi is activated the color display will show the following information	
Connection status	active/ waiting
IP	
MAC	
RSSI	
Connect / disconnect	

DESACTIVATING WI-FI

Push   to select "SETTINGS"
Select "REMOTE CONTROL" with   and press
Select "Wi-Fi" with   and push   to disactivate

As soon as a wired signal is detected via the other interfaces (DMX-512A through XLR-5 connector or Art-Net through Ethernet connector), or a wireless DMX LumenRadio signal is detected any Wi-Fi data will be ignored and the fixture only processes the wired DMX/RDM signal.

WI-FI QUICK ACCESS

get Goya App

scan to connect
pass: velvetrouter

ADJUSTING DISPLAY BRIGHTNESS

Push [MODE] to select "SETTINGS"
Select "DISPLAY" with [⌄⌄] and press [+]
On the DISPLAY sub-menu select "BRIGHTNESS" with [⌄⌄] and press [+–] to set the brightness level

The Display is configured automatically so that when the control panel of the equipment is more than 1 minute without being used, it lowers its brightness level to 15%
When any button on the control panel is pressed again, the brightness automatically returns to the preset brightness value, and that first touch of the button does not affect the selected settings.

ABOUT

About shows fixture model, fixture serial number, firmware version, RDM ID, Ethernet ID MAC and fixture temperature.

FACTORY PRESET

Push [MODE] to select "SETTINGS"
Select "ABOUT" using [⌄⌄] and press [+]
On the sub-menu select "FACTORY PRESET" using [⌄⌄] and press [+]
Press again [+] to apply factory preset

FIRMWARE UPDATE

1. Copy the VELVET CYC update file to the root of an USB memory stick
2. Power on the fixture and connect the USB memory stick to the mini-USB connector of the fixture through a mini-USB male to USB female adaptor.
3. Push [MODE] to select "SETTINGS" and select "ABOUT" with [⌄⌄] and press [+]
4. Select "FIRMWARE UPDATE" and press [+] to start the process.

Once the firmware update process is finished the fixture will reboot with the new firmware.

USB FUNCTIONS: SAVE or LOAD USER PRESETS

You can create and save your own user preset list from VELVET CYC to a USB memory stick and upload them to any VELVET CYC.
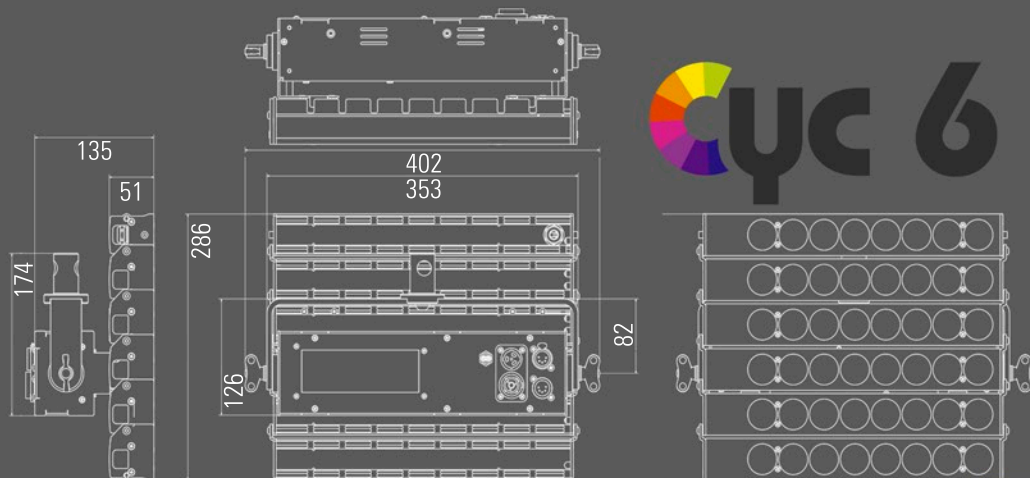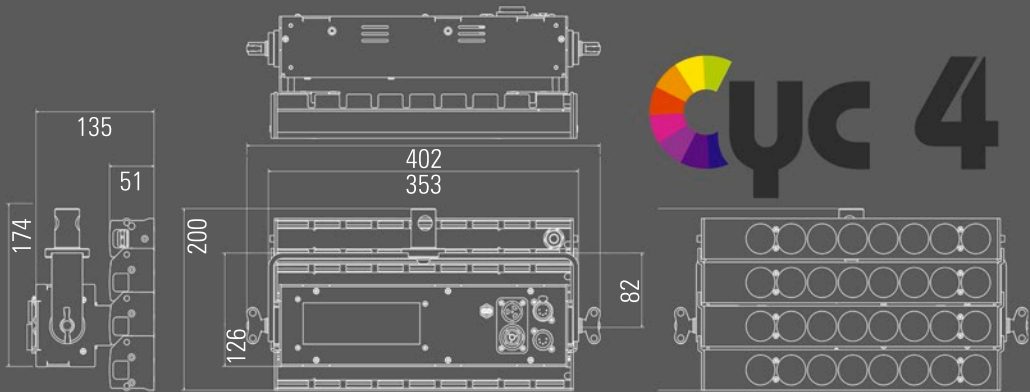
Push ▢ to select "SETTINGS"
Select "ABOUT" using ▢▢ and press ▢
On the sub-menu select "USB FUNCTIONS" using ▢▢ and press ▢

Connect the USB memory stick to the mini-USB connector of the fixture through a mini-USB male to USB female adaptor.

Press ▢ . The screen will show these two options:

1. "LOAD PRESETS FROM USB"
2. "SAVE PRESETS TO USB"

CYC 4

135
51
174
402
353
200
126
82

CYC 5

135
51
174
402
353
238
126
82

CYC 6

135
51
174
402
353
286
126
82

EC-DECLARATION of CONFORMITY

Brand Name: VELVET

Product Description: LED Luminaire systems for professional use: VELVET CYC 3, VELVET CYC 4, VELVET CYC 5, VELVET CYC 6

The above products abide by the following European Directives:

DIRECTIVE 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to electromagnetic compatibility.

DIRECTIVE 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.

DIRECTIVE 2001/95/EC of the European Parliament and the Council of 3 December 2001 on general product safety

DIRECTIVE 2011/65/EUof the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

In compliance with the harmonized standards:
IEC 60598-1:2014   Luminaires – Part 1: General requirements and tests
IEC 60598-1-17:2017 Luminaires – Part 2-17: Particular requirements – Luminaires for stage lighting, television and film studios (outdoor and indoor)
IEC 62031:2008/A1:2012 LED modules for general lighting - Safety specifications
IEC 61547:2009 Equipment for general lighting purposes - EMC immunity requirements
IEC 61000-6-1:2005 Electromagnetic compatibility (EMC) -- Part 6-1: Generic standards - Immunity for residential, commercial and light-industrial environments
IEC 61000-6-3:2006/A1:2010   Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments
IEC 61000-6-4:2006/A1:2010   Electromagnetic compatibility (EMC) -- Part 6-4: Generic standards - Emission standard for industrial environments
EN 301489-1 V1.8.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
IEC 62493:2009 Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 55015:2013 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 62471:2008 Photobiological Safety of Lamps and Lamp Systems

Barberà del Vallès, 10th July 2020
Authorized Administrator - Javier Fdez. de Valderrama

GENERAL WARRANTY

VELVET LED light fixtures are guaranteed to be free from defects in workmanship and parts in a warranty period of two (2) years from the date of purchase. Defects that occur within this warranty period, under normal use and care will be repaired or replaced at VELVET discretion, solely at our option with no charge for parts or labor. In the event of the equipment malfunction, contact the dealer from which you purchased the product. Please note that you will be not be reimbursed for the cost of bringing the equipment to the VELVET Repair Centre.
VELVET reserves the right to replace the product or relevant part with the same or equivalent product or part, rather than repair it. Where a replacement is provided the products or part replaced becomes the property of VELVET. VELVET may replace parts with refurbished parts. Replacement of the product or a part does not extend or restart the Warranty period.

RETURNS POLICY

Returns or exchanges from the customers will be accepted within 15 days of delivery and will not include the actual shipping costs. Item(s) must be in original packaging and condition, must not be assembled, and must include its original user manual.

This warranty does not cover any damage resulting from:
○ Failure to follow the instructions in the instruction manual Repair, modification or overhaul not conducted by any authorized VELVET personnel.
○ Fire, natural disaster, act of God, lightning, abnormal voltage, etc.;
○ Submergence in water (flooding), exposure to alcohol or other beverages, infiltration of sand or mud, physical shock, or dropping of the equipment and other unnatural causes.

This warranty only applies to the LED panel and not to the accessories, such as barn doors or mounts. Any consequential damages arising from failure of the equipment, such as expenses incurred in taking pictures or recording images or loss of expected profit, will not be reimbursed whether they occur during the warranty period or not.

Parts essential to the servicing of the light equipment (that is, components required to maintain the functions and quality of the fixture) will be available for a period of five years after the product is discontinued.

VELVET
made to last