VELVET Power Series

Power 1 (IP54/Studio)

Power 2 (IP54/Studio)

Power 2x2 (IP54/Studio)

Last updated on August 2022

User manual

VELVET

VELVET Power Series

velvetlight.tv

Introduction

About this guide

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.

Exemption from liability

VELVET (THELIGHT Luminary) 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.

Safety precautions

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. The symbols and their meanings are explained below.

DANGER

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

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.

WARNING

Possible risk of injury or damage to equipment.

Do not attempt to open any of the device or component housings. To reduce the risk of electric shock, do not remove LED panel side covers or front plastic diffuser. No user-serviceable parts inside. Maintenance and repair work to be carried out only by VELVET Service Centre.

Do not cover the aluminium lamp head heat sink while using it. Proper ventilation must be provided. Avoid exposing the lamp head to the heat radiation of other light fixtures.

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

CAUTION

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°C and the 60°C. Please use protective gloves if you touch the lamp head at the heat sink.

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.

Table of contents

Main features

Welcome

VELVET Power series LED panels house high power LED. They had been specially designed and their colorimetry calibrated for professional photography, cinematography and television industry use.

VELVET innovations

- Dustproof robust aluminum construction (VELVET Power Studio)
- Rainproof robust aluminium construction (VELVET Power Weatherproof)
- Variable Color Temperature from 2700K to 6500K in 100K steps
- Dedicated quick-access button 32K / 56K
- Mid-power LED 50,000 hours life
- From 96 to 98 TLCI digitally calibrated light
- Professional and consistent color rendition
- Digital control and through DMX RDM
- Silent fan-free operation
- Flicker free up to 20000 fps
- Soft shadow-less light
- Smooth dimming with no color shift

Note about measuring colour temperature (CCT)

VELVET Power series incorporate the innovative VELVET technology based on Selected BIN LED core unit + custom optics + CPU control softwtare to obtain the wide range of calibrated colour temperatures combined with a high color rendering index CCT.

We must remark that traditional color meters still in use today are designed for a full spectrum source such as incandescent lights and therefore cannot be used to accurately read the correlated color temperature (CCT) of the light emitted by VELVET and other LED light fixtures.

The eventual diversions to green display as CC05M or CC10M in hand-held color meters are due to these unaccuracy on reading of the light emitted by LED and must not be considered.

To precisely measure the light emitted by VELVET and other LED light fixtures a spectrometer specially calibrated for LED sources must be used.

VELVET guarantees pure white light with no green deviation and correct colorimetry of the light delivered by its VELVET LED luminaries which have been calibrated in laboratory according to CIE 13.3-1995 international standards for measurement of the CRI and chromatic coordinates (x, and CIE-1931).

The reliability of this digital equipment is supported by the calibration VELVET has made in laboratory by spectrophotometer, which precision is half-yearly calibrated according to the National Institute of Standards (NIST) of the United States and of the Physikalisch-Technische Bundesanstalt (PTB) of Germany.

In order that the advanced VELVET luminaries could be used together with other light sources, VELVET has accurately calibrated both the CCT and the chromatic coordinates to match them with traditional light sources following tungsten and daylight standards.

Power series range models

IP54 Weatherproof

VP1IP54NY
VELVET Power 1
30º weatherproof
LED panel

VP1IP54SPNY
VELVET Power 1
Spot 15º
weatherproof
LED panel

VP2IP54NY
VELVET Power 2
30º weatherproof
LED panel

VP2SPIP54NY
VELVET Power 2
Spot 15º
weatherproof LED
panel

VP2X2IP54NY
VELVET Power 2x2
30º weatherproof
LED panel

VP2X2SPIP54NY
VELVET Power 2x2
Spot 15º
weatherproof LED
panel

IP51 Studio Dustproof

VP1STNY
VELVET Power 1
30º Studio LED panel

VP1SPSTNY
VELVET Power 1
Spot 15º Studio
LED panel

VP2STNY
VELVET Power 2
30º Studio LED panel

VP2SPSTNY
VELVET Power 2
Spot 15º Studio
LED panel

VP2X2STNY
VELVET Power 2x2
30º Studio LED panel

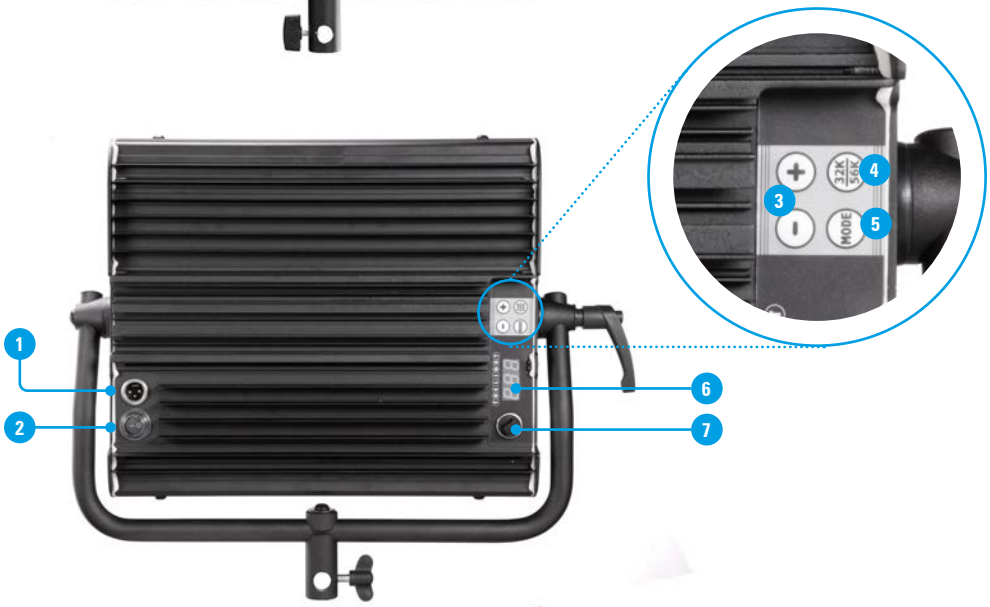
VP2X2SPSTNY
VELVET Power 2x2
Spot 15º Studio
LED panel

IP54 weatherproof range models

VELVET Power 1 IP54 (Ref: VP1IP54NY / VP1IP54SPNY)

PARTS

1. XLR-3 DC IN
2. Power switch
3. +/− Adjustment buttons
4. 3200K/ 5600K Quick access button
5. Mode selection button (Dimmer/ Colour Temp)
6. Digital display
7. XLR-5 DMX In&Out



SPECIFICATIONS

COLOUR TEMPERATURE	Adjustable from 2700K a 6500K (100K increments)	
LIGHT INTENSITY	Dimmable 0 to 100 (smooth and flicker-free)	
LOCAL CONTROL	Shock proof buttons and display	
WIRE CONTROL	DMX DMX-RDM with XLR-5 IN connector	
TLCI INDEX	98 at 3200K and 96 at 5600K	
PHOTOMETRICS	Ref: VP1IP54NY **VELVET Power 1 30º IP54** 2150 lux / 200 fc at 3m / 9.8 feet 585 lux / 54 fc at 6m / 20 feet	Ref: VP1IP54SPNY **VELVET Power 1 Spot 15º IP54** 6000 lux / 557 fc at 3m / 9.8 feet 1700 lux / 165 fc at 6m/20 feet
BEAM ANGLE	30º Nominal 45º With D25 filter 60º With D50 filter 105º With D100 filter 115º With DVELVET filter	15º Nominal 30º With D25 filter 45º With D50 filter 90º With D100 filter 105º With DVELVET filter
DIMENSIONS	380x308x68mm / 15"x12"x2.7" (panel) 495x395x68mm / 19.5 "x15.5"x2.7" (panel+yoke)	
WEIGHT	4.2 kg / 9.3 lbs (panel) 4.7 kg / 10.4 lbs (panel + yoke)	
POWER DRAW	100 W / 0.91 Amps at 110 VAC	
POWER SUPPLY	12-35V DC via XLR3 V-Lock or Gold mount battery plate 90-264V AC 50/60Hz	
LED RATED LIFE	More than 50.000 hours	
POWER CONNECTION	Neutrik XLR-3 DC In connector	
OUTPUT FREQUENCY	2000 fps	
OPERATION TEMPERATURE	From -20ºC to +40ºC	
COOLING	No-noise, fan-free passive cooling	
PROTECTION	IP54 rainproof, indoor or outdoor use	
VELVET LED TECHNOLOGY	Selected BIN High-power LED + VELVET custom optics + CPU software control	
CONSTRUCTION & FINISH	Made of black powdercoated extruded and sheet aluminum	

VELVET Power 2 IP54 (Ref: VP2IP54NY / VP2SPIP54NY)

PARTS

1. XLR-3 DC IN
2. Power switch
3. +/− Adjustment buttons
4. 3200K/ 5600K Quick access button
5. Mode selection button (Dimmer/ Colour Temp)
6. Digital display
7. XLR-5 DMX In&Out

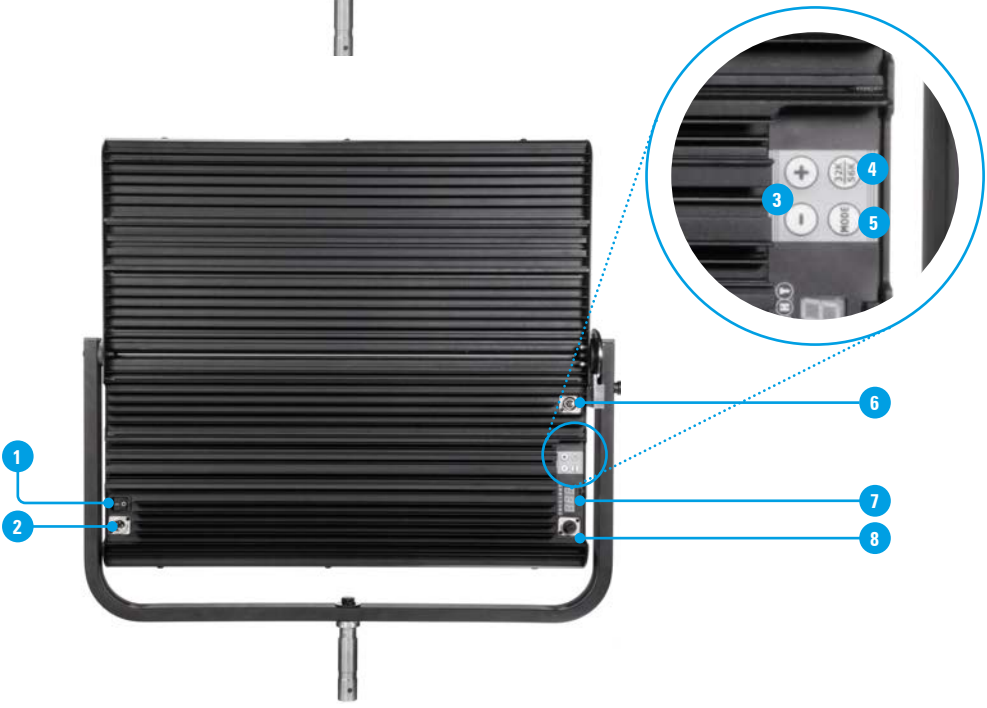
SPECIFICATIONS

COLOUR TEMPERATURE	Adjustable from 2700K a 6500K (100K increments)	
LIGHT INTENSITY	Dimmable 0 to 100 (smooth and flicker-free)	
LOCAL CONTROL	Shock proof buttons and display	
WIRE CONTROL	DMX DMX-RDM with XLR-5 IN connector	
TLCI INDEX	98 at 3200K and 96 at 5600K	
PHOTOMETRICS	Ref: VP2IP54NY **VELVET Power 2 30º IP54** 4950 lux / 460 fc at 3m / 9.8 feet 1330 lux / 124 fc at 6m / 20 feet	Ref: VP2SPIP54NY **VELVET Power 2 Spot 15º IP54** 8900 lux / 827 fc at 3m / 9.8 feet 2540 lux / 236 fc at 6m/20 feet
BEAM ANGLE	30º Nominal 45º With D25 filter 60º With D50 filter 105º With D100 filter 115º With DVELVET filter	15º Nominal 30º With D25 filter 45º With D50 filter 90º With D100 filter 105º With DVELVET filter
DIMENSIONS	690x308x68mm / 27.2"x12"x2.7" (panel) 815x435x68mm / 32.1"x17.1"x2.7" (panel+yoke)	
WEIGHT	7 kg / 15,5 lbs (panel) 7.6 kg / 16.7 lbs (panel + yoke)	
POWER DRAW	190W	
POWER SUPPLY	24-35V DC via XLR3 V-Lock or Gold mount battery plate 90-264V AC 50/60Hz	
LED RATED LIFE	More than 50.000 hours	
POWER CONNECTION	Neutrik XLR-3 DC In connector	
OUTPUT FREQUENCY	2000 fps	
OPERATION TEMPERATURE	From -20ºC to +40ºC	
COOLING	No-noise, fan-free passive cooling	
PROTECTION	IP54 rainproof, indoor or outdoor use	
VELVET LED TECHNOLOGY	Selected BIN High-power LED + VELVET custom optics + CPU software control	
CONSTRUCTION & FINISH	Made of black powdercoated extruded and sheet aluminum	

VELVET Power 2x2 IP54 (Ref: VP2X2IP54NY / VP2X2SPIP54NY)

PARTS

1. Power switch
2. XLR-3 DC IN
3. +/− Adjustment buttons
4. 3200K/ 5600K Quick access button
5. Mode selection button (Dimmer/ Colour Temp)
6. XLR-5 DMX Out
7. Digital display
8. XLR-5 DMX In



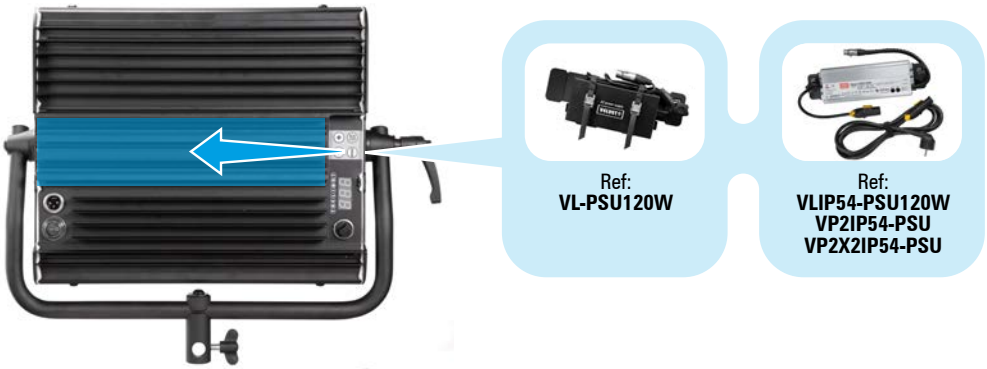
SPECIFICATIONS

COLOUR TEMPERATURE	Adjustable from 2700K a 6500K (100K increments)	
LIGHT INTENSITY	Dimmable 0 to 100 (smooth and flicker-free)	
LOCAL CONTROL	Shock proof buttons and display	
WIRE CONTROL	DMX DMX-RDM with XLR-5 IN connector	
TLCI INDEX	98 at 3200K and 96 at 5600K	
PHOTOMETRICS	Ref: VP2X2IP54NY **VELVET Power 2x2 30º IP54** 10000 lux / 929 fc at 3m / 9.8 feet 2260 lux / 247 fc at 6m / 20 feet	Ref: VP2X2SPIP54NY **VELVET Power 2x2 Spot 15º IP54** 23000 lux / 2137 fc at 3m / 9.8 feet 7000 lux / 650 fc at 6m / 20 feet
BEAM ANGLE	30º Nominal 45º With D25 filter 60º With D50 filter 105º With D100 filter 115º With DVELVET filter	15º Nominal 30º With D25 filter 45º With D50 filter 90º With D100 filter 105º With DVELVET filter
DIMENSIONS	690x620x68mm / 27"x24.5"x2.7" panel 770x750x125mm / 30"x29.5"x5" panel + yoke + PSU	
WEIGHT	14 kg / 31 lbs panel 16 kg / 35.3 lbs panel + yoke 20 kg / 44 lbs panel + yoke + PSU	
POWER DRAW	340W (12.1 Amps at 28 VDC – 0.7 Amps at 230VAC)	
POWER SUPPLY	26-28V DC 90-264V AC 50/60Hz	
LED RATED LIFE	More than 50.000 hours	
POWER CONNECTION	Neutrik XLR-3 DC In connector	
OUTPUT FREQUENCY	2000 fps	
OPERATION TEMPERATURE	From -20ºC to +40ºC	
COOLING	No-noise, fan-free passive cooling	
PROTECTION	IP54 rainproof, indoor or outdoor use	
VELVET LED TECHNOLOGY	Selected BIN High-power LED + VELVET custom optics + CPU software control	
CONSTRUCTION & FINISH	Made of black powdercoated extruded and sheet aluminum	

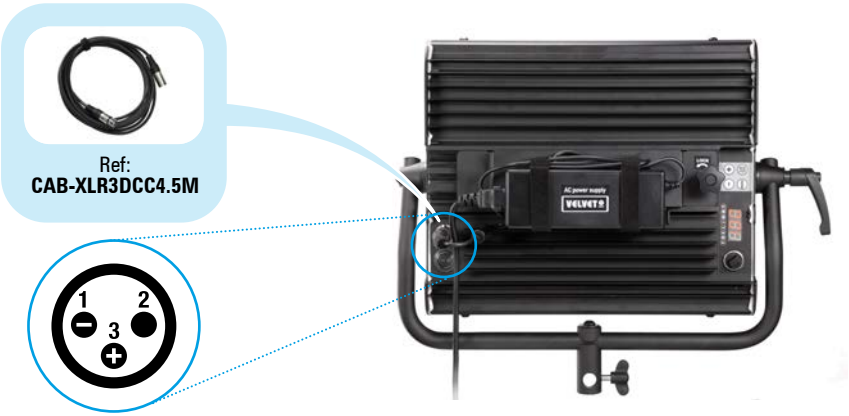
POWER OPTIONS

AC POWER 90 to 264 VAC

STEP 1 Insert the power supply plate by sliding it into the slot located at the back of the panel. Insert and extract the plate from the right hand of the panel where the digital display is located.



STEP 2 Connect the XLR3 to the connector located under the power switch. Connect the power cable to the plug located in the side of the power supply and the power plug with a mains power outlet.



DANGER

Secure the Power supply plate by turning the locking knob anti clockwise.

To avoid electric shocks and/or damages in the equipment the power switch located at the back of the LED panel must be off before connecting or disconnecting cables.

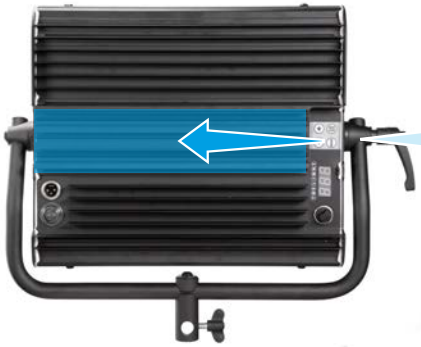
BATTERY POWER 12 to 35 VDC

STEP 1 Connect any battery from 12 to 35 VDC to the XLR3 connector located at the back of the panel

When powering VELVET from an external battery through the XLR3 connector check the proper polarity as shown in the picture at the side of the panel.

To ensure maximum performance of the equipment use only high-load capacity batteries with a high continuous draw meaning a Discharge Current of at least 7A.

STEP 2 Insert the plate by sliding it into the slot located at the back of the panel. Insert and extract the plate from the right hand of the panel where the digital display is located.



Ref:
VL1-VLOCK
VL2-VLOCK

Ref:
VL1-GOLD
VL2-GOLD

STEP 3 Connect the XLR3 to the connector located on the back of the panel.

Ref:
CAB-XLR3DCC4.5M

DANGER

Secure the Power supply plate by turning the locking knob anti clockwise.

To avoid electric shocks and/or damages in the equipment the power switch located at the back of the LED panel must be off before connecting or disconnecting cables.

Weatherproof models accessories

POWER SUPPLY

VL-PSU120W 100W AC power supply + mount for VELVET Power 1

VLIP54-PSU120W 120W weatherproof AC power supply + mount for VELVET Power 1

VP2IP54-PSU 200W AC power supply + mount for VELVET Power 2

VP2X2IP54-PSU 340W weatherproof AC power supply + mount for VELVET Power 2

POWER CABLES

ACC3.5M-TRUE1 Schuko AC Power cable 3.5m with aerial PowerCon TRUE1 connector

ACC3.5M-TRUE1UK UK AC Power cable 1.8m / 2 feet with aerial PowerCon TRUE1 connector

ACC3.5M-TRUE1A American AC Power cable 1.8m / 2 feet with aerial PowerCon TRUE1 connector

ACC3.5M-TRUE1BE Bare ends AC Power cable 3.5 m / 11 feet with aerial PowerCon TRUE1 connector

CAB-ACC3.5M 3,5 m red cable

BATTERY ADAPTERS

VL1-VLOCK Vlock battery adapter on VELVET plate for VELVET Power 1

VL2-VLOCK Double Vlock battery adapter + mount for VELVET Power 2

VL1-GOLD Gold battery adapter on VELVET plate for VELVET Power 1

VL2-GOLD Double Gold battery adapter + mount for VELVET Power 2

BEAM CONTROL

VL1-RB Barndoors for VELVET Power 1

VL2-RB Barn doors for VELVET Power 2

VL2X2-RB Barn doors for VELVET Power 2x2

VL1-SG DopChoice 40º Foldable Snapgrid for VELVET Power 1

VL2-SG DopChoice 40º Foldable Snapgrid for VELVET Power 2

VL2X2-SG DopChoice 40º Foldable Snapgrid for VELVET Power 2x2

VL2-SG20	DopChoice 20º Foldable Snapgrid for VELVET Power 2
VL2-SG60	DopChoice 60º Foldable Snapgrid for VELVET Power 2
VL2X2-SG20	DopChoice 20º Foldable Snapgrid for VELVET Power 2x2

VL1-SB	DopChoice SnapBag softbox for VELVET Power 1
VL2-SB	DopChoice SnapBag softbox for VELVET Power 2
VL2X2-SB	DopChocie Snapbag Softbox for VELVET Power 2x2

VL1-SGXSB	DopChoice 40º Snapgrid 40x40cms for VELVET Power 1 Snapbag
VL2-SGXSB	DopChoice 40º Snapgrid for VELVET Power 2 Snapbag
VL2X2-SGXSB	DopChoice 40º Snapgrid for VELVET Power 2x2 Snapbag

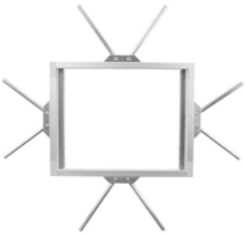
VP1-D25	Diffuser 1/4 for VELVET Power 1
VP1-D50	Diffuser 1/2 for VELVET Power 1
VP1-D100	Diffuser Full for VELVET Power 1
VP1-DVL	VELVET Diffuser (+100) for VELVET Power 1

VP2-D25	Diffuser 1/4 for VELVET Power 2
VP2-D50	Diffuser 1/2 for VELVET Power 2
VP2-D100	Diffuser Full for VELVET Power 2
VP2-DVL	VELVET Diffuser (+100) for VELVET Power 2

VP2X2-D25	Diffuser 1/4 for VELVET Power 2x2
VP2X2-D50	Diffuser 1/2 for VELVET Power 2x2
VP2X2-D100	Diffuser Full for VELVET Power 2x2
VP2X2-DVL	VELVET Diffuser (+100) for VELVET Power 2x2

VP1-FBAG	1x1 diffusion filters protection bag
VP2-FBAG	2x1 diffusion filters protection bag
VP2X2-FBAG	2x2 diffusion filters protection bag

1X1-RABBITSQ	Rabbit Ears aluminum frame for 1x1 panels

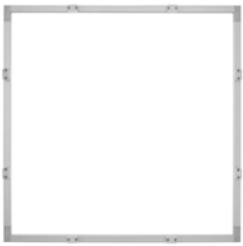


2X1-RABBITREC

Rectangular Rabbit Ears aluminum frame for 2x1 panels

2X2-RABBITSQ

DopChoice Rabbit Ears frame for VL2x2 and VP2x2



VL2X2-SPACEKIT

Spacelight Hilite Kit + mount frame for VELVET Power 2x2

VL2X2-H

Hanger mount for VELVET Power 2x2

VL2X2-SLOTKIT

Slots kit for VELVET Power 2x2

OCTA-SBR03	OCTA 3 foldable Snapbag 0,9m diameter for Rabbit Ears mount	
OCTA3-SG	DopChoice 40º Snapgrid for Octa 3	
OCTA-SBR05	OCTA 5 foldable Snapbag 1,5m diameter for Rabbit Ears mount	
OCTA5-SG	DopChoice 40º Snapgrid for Octa 5	
OCTA-SBR07	OCTA 7 foldable Snapbag 2,1m diameter for Rabbit Ears mount	
OCTA7-SG	DopChoice 40º Snapgrid for Octa 7	

OCTA-SBR03 OCTA 3 foldable Snapbag 0,9m diameter for Rabbit Ears mount

TRANSPORT

VL1-BAG Soft bag for 1x VELVET Power 1

VL1-DBAG Soft bag for 2x VELVET Power 1

VL2-BAG Soft bag for 1x VELVET Power 2

VL1-CASE Flight case for VELVET Power 1

VL2-CASE Flight case for VELVET Power 2

VL2X2-CASE Flight case for VELVET Power 2x2

RIGGING

VL2-QLS Center ball head for VELVET Power 2

VP2-YPOK KIT Pole operated yoke for VELVET Power 2

VL2X2-YPO	Pole Operated yoke for VL2x2 and VP2x2	

CABLES

CAB-XLR3DCC4.5M	DC extension cable 4,5 meters / 15 feet XLR3	
DMX-DMX2M	DMX daisy-chain cable 2m / 6.5 feet	
DMX-DMX3M	DMX daisy- chain cable 3m / 10 feet	
DMX-DMX6M	DMX daisy- chain cable 6m / 20 feet	
DMX-DMX10M	DMX daisy- chain cable 10m / 33 feet	
DMX-DMX20M	DMX daisy- chain cable 20m / 66 feet	
THE-DMXINOUT	DMX aerial splitter in out	

REMOTE CONTROL

VL-RC	VELVET DMX remote control	

IP51 Dustproof range models

VELVET Power 1 Studio (Ref: VP1STNY / VP1SPSTNY)

PARTS

1. XLR-3 DC IN
2. Power switch
3. XLR DMX-5 OUT
4. +/− Adjustment buttons
5. 3200K/ 5600K Quick access button
6. Mode selection button (Dimmer/ Colour Temp)
7. Digital display
8. XLR-5 DMX IN

SPECIFICATIONS

COLOUR TEMPERATURE	Adjustable from 2700K a 6500K (100K increments)	
LIGHT INTENSITY	Dimmable 0 to 100 (smooth and flicker-free)	
LOCAL CONTROL	Shock proof buttons and display	
WIRE CONTROL	DMX DMX-RDM with XLR-5 IN connector	
TLCI INDEX	98 at 3200K and 96 at 5600K	
PHOTOMETRICS	Ref: VP1STNY **VELVET Power 1 30º IP51** 2150 lux / 200 fc at 3m / 9.8 feet 585 lux / 54 fc at 6m / 20 feet	Ref: VP1SPSTNY **VELVET Power 1 Spot 15º IP51** 6000 lux / 557 fc at 3m / 9.8 feet 1700 lux/165 fc at 6m/20 feet
BEAM ANGLE	30º Nominal 45º With D25 filter 60º With D50 filter 105º With D100 filter 115º With DVELVET filter	15º Nominal 30º With D25 filter 45º With D50 filter 90º With D100 filter 105º With DVELVET filter
DIMENSIONS	380x308x68mm / 15"x12"x2.7" (panel) 495x395x68mm / 19.5 "x15.5"x2.7" (panel+yoke)	
WEIGHT	4.2 kg / 9.3 lbs (panel) 4.7 kg / 10.4 lbs (panel + yoke)	
POWER DRAW	100 W / 0.91 Amps at 110 VAC	
POWER SUPPLY	90-264V AC 50/60Hz through XLR3 connector	
LED RATED LIFE	More than 50.000 hours	
POWER CONNECTION	Neutrik XLR-3 DC In connector	
OUTPUT FREQUENCY	2000 fps	
OPERATION TEMPERATURE	From -20ºC to +40ºC	
COOLING	No-noise, fan-free passive cooling	
PROTECTION	IP51 dustproof, indoor or outdoor protected use	
VELVET LED TECHNOLOGY	Selected BIN High-power LED + VELVET custom optics + CPU software control	
CONSTRUCTION & FINISH	Made of black powdercoated extruded and sheet aluminum	

VELVET Power 2 Studio (Ref: VL2STNY/ VP2SPSTNY)

PARTS

1. XLR-3 DC IN
2. Power switch
3. +/− Adjustment buttons
4. 3200K/ 5600K Quick access button
5. Mode selection button (Dimmer/ Colour Temp)
6. XLR DMX-5 OUT
7. Digital display
8. XLR-5 DMX IN

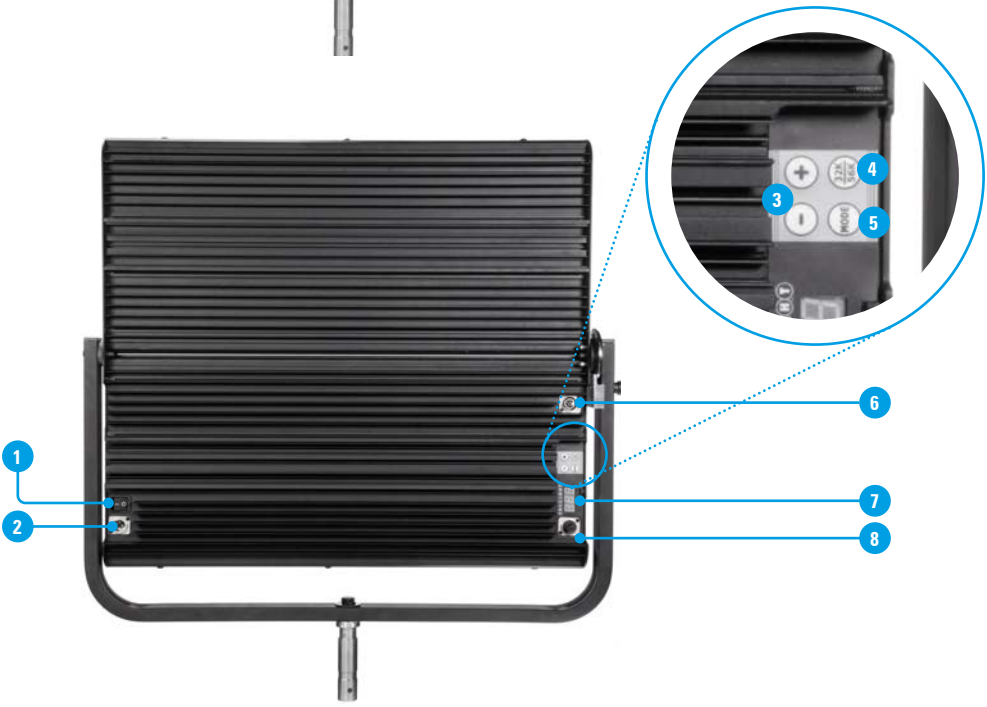
SPECIFICATIONS

COLOUR TEMPERATURE	Adjustable from 2700K a 6500K (100K increments)	
LIGHT INTENSITY	Dimmable 0 to 100 (smooth and flicker-free)	
LOCAL CONTROL	Shock proof buttons and display	
WIRE CONTROL	DMX DMX-RDM with XLR-5 IN connector	
TLCI INDEX	98 at 3200K and 96 at 5600K	
PHOTOMETRICS	Ref: VP2STNY **VELVET Power 2 30º IP51** 4950 lux / 460 fc at 3m / 9.8 feet 1330 lux / 124 fc at 6m / 20 feet	Ref: VP2SPSTNY **VELVET Power 2 Spot 15º IP51** 8900 lux / 827 fc at 3m / 9.8 feet 2540 lux / 236 fc at 6m/20 feet
BEAM ANGLE	30º Nominal 45º With D25 filter 60º With D50 filter 105º With D100 filter 115º With DVELVET filter	15º Nominal 30º With D25 filter 45º With D50 filter 90º With D100 filter 105º With DVELVET filter
DIMENSIONS	690x308x68mm / 27.2"x12"x2.7" (panel) 815x435x68mm / 32.1"x17.1"x2.7" (panel+yoke)	
WEIGHT	7 kg / 15,5 lbs (panel) 7.6 kg / 16.7 lbs (panel + yoke)	
POWER DRAW	190W	
POWER SUPPLY	90-264V AC 50/60Hz through XLR3 connector	
LED RATED LIFE	More than 50.000 hours	
POWER CONNECTION	Neutrik XLR-3 DC In connector	
OUTPUT FREQUENCY	2000 fps	
OPERATION TEMPERATURE	From -20ºC to +40ºC	
COOLING	No-noise, fan-free passive cooling	
PROTECTION	IP51 dustproof, indoor or outdoor use	
VELVET LED TECHNOLOGY	Selected BIN High-power LED + VELVET custom optics + CPU software control	
CONSTRUCTION & FINISH	Made of black powdercoated extruded and sheet aluminum	

VELVET Power 2x2 Studio (Ref: VP2X2STNY / VP2X2SPSTNY)

PARTS

1. Power switch
2. XLR-3 DC IN
3. +/− Adjustment buttons
4. 3200K/ 5600K Quick access button
5. Mode selection button (Dimmer/ Colour Temp)
6. XLR-5 DMX Out
7. Digital display
8. XLR-5 DMX In



SPECIFICATIONS

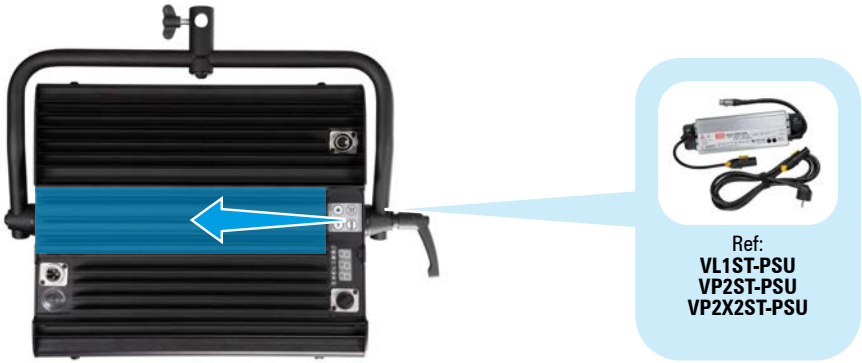
COLOUR TEMPERATURE	Adjustable from 2700K a 6500K (100K increments)	
LIGHT INTENSITY	Dimmable 0 to 100 (smooth and flicker-free)	
LOCAL CONTROL	Shock proof buttons and display	
WIRE CONTROL	DMX DMX-RDM with XLR-5 IN connector	
TLCI INDEX	98 at 3200K and 96 at 5600K	
PHOTOMETRICS	Ref: VP2X2STNY **VELVET Power 2x2 30º IP51** 10000 lux / 929 fc at 3m / 9.8 feet 2260 lux / 247 fc at 6m / 20 feet	Ref: VP2X2SPSTNY **VELVET Power 2x2 Spot 15º IP51** 23000 lux / 2137 fc at 3m / 9.8 feet 7000 lux/ 650 fc at 6m / 20 feet
BEAM ANGLE	30º Nominal 45º With D25 filter 60º With D50 filter 105º With D100 filter 115º With DVELVET filter	15º Nominal 30º With D25 filter 45º With D50 filter 90º With D100 filter 105º With DVELVET filter
DIMENSIONS	690x620x68mm / 27"x24.5"x2.7" panel 770x750x125mm / 30"x29.5"x5" panel + yoke + PSU	
WEIGHT	14 kg / 31 lbs panel 16 kg / 35.3 lbs panel + yoke 20 kg / 44 lbs panel + yoke + PSU	
POWER DRAW	340W (12.1 Amps at 28 VDC – 0.7 Amps at 230VAC)	
POWER SUPPLY	90-264V AC 50/60Hz through XLR3 connector	
LED RATED LIFE	More than 50.000 hours	
POWER CONNECTION	Neutrik XLR-3 DC In connector	
OUTPUT FREQUENCY	2000 fps	
OPERATION TEMPERATURE	From -20ºC to +40ºC	
COOLING	No-noise, fan-free passive cooling	
PROTECTION	IP51 dustproof, indoor or outdoor use	
VELVET LED TECHNOLOGY	Selected BIN High-power LED + VELVET custom optics + CPU software control	
CONSTRUCTION & FINISH	Made of black powdercoated extruded and sheet aluminum	

POWER OPTIONS

AC POWER 90 to 264 VAC

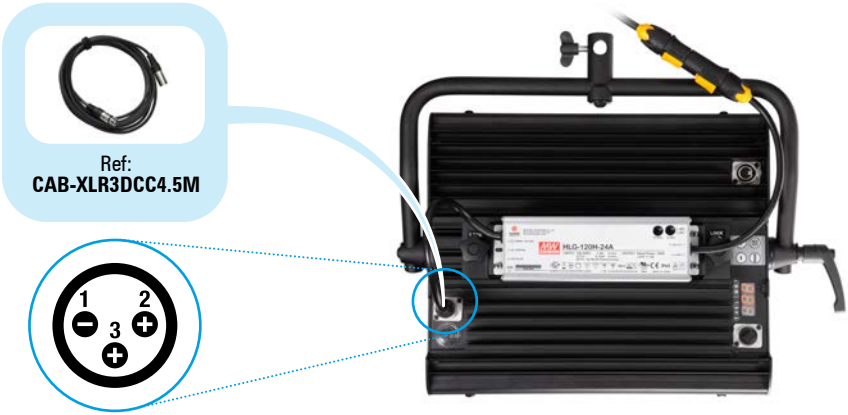
STEP 1

Insert the power supply plate by sliding it into the slot located at the back of the panel. Insert and extract the plate from the right hand of the panel where the digital display is located.



STEP 2

Connect the XLR3 to the connector located under the power switch. Connect the power cable to the plug located in the side of the power supply and the power plug with a mains power outlet.



DANGER

Secure the Power supply plate by turning the locking knob anti clockwise.

To avoid electric shocks and/or damages in the equipment the power switch located at the back of the LED panel must be off before connecting or disconnecting cables.

Studio models accessories

POWER SUPPLY

VL1ST-PSU 100W AC power supply + mount for VELVET Power 1 Studio

VP2ST-PSU 200W AC power supply + mount + power cable for VELVET Power 2 Studio

VP2X2ST-PSU 340W AC power supply + mount + cable for VELVET Power 2x2 Studio

POWER CABLES

ACC3.5M-TRUE1 Schuko AC Power cable 3.5m with aerial PowerCon TRUE1 connector

ACC3.5M-TRUE1UK UK AC Power cable 1.8m / 2 feet with aerial PowerCon TRUE1 connector

ACC3.5M-TRUE1A American AC Power cable 1.8m / 2 feet with aerial PowerCon TRUE1 connector

ACC3.5M-TRUE1BE Bare ends AC Power cable 3.5 m / 11 feet with aerial PowerCon TRUE1 connector

BEAM CONTROL

VL1-RB Barndoors for VELVET Power 1

VL2-RB Barn doors for VELVET Powrer 2

VL2X2-RB Barndoors for VELVET Power 2x2

VL1-SG DopChoice 40º Foldable Snapgrid for VELVET Power 1

VL2-SG DopChoice 40º Foldable Snapgrid for VELVET Power 2

VL2X2-SG DopChoice 40º Foldable Snapgrid for VELVET Power 2x2

VL2-SG20 DopChoice 20º Foldable Snapgrid for VELVET Power 2

VL2-SG60 DopChoice 60º Foldable Snapgrid for VELVET Power 2

VL2X2-SG20 DopChoice 20º Foldable Snapgrid for VELVET Power 2x2

VL1-SB DopChoice SnapBag softbox for VELVET Power 1

VL2-SB DopChoice SnapBag softbox for VELVET Power 2

VL2X2-SB DopChocie Snapbag Softbox for VELVET Power 2x2

VL1-SGXSB	DopChoice 40º Snapgrid 40x40cms for VELVET Power 1 Snapbag
VL2-SGXSB	DopChoice 40º Snapgrid for VELVET Power 2 Snapbag
VL2X2-SGXSB	DopChoice 40º Snapgrid for VELVET Power 2x2 Snapbag

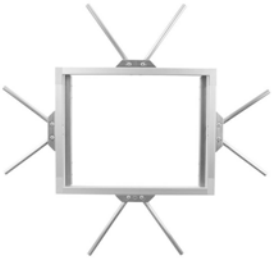
VP1-D25	Diffuser 1/4 for VELVET Power 1
VP1-D50	Diffuser 1/2 for VELVET Power 1
VP1-D100	Diffuser Full for VELVET Power 1
VP1-DVL	VELVET Diffuser (+100) for VELVET Power 1

VP2-D25	Diffuser 1/4 for VELVET Power 2
VP2-D50	Diffuser 1/2 for VELVET Power 2
VP2-D100	Diffuser Full for VELVET Power 2
VP2-DVL	VELVET Diffuser (+100) for VELVET Power 2

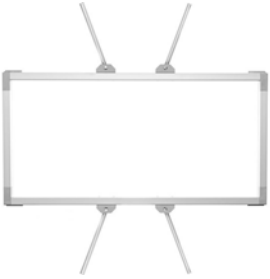
VP2X2-D25	Diffuser 1/4 for VELVET Power 2x2
VP2X2-D50	Diffuser 1/2 for VELVET Power 2x2
VP2X2-D100	Diffuser Full for VELVET Power 2x2
VP2X2-DVL	VELVET Diffuser (+100) for VELVET Power 2x2

VP1-FBAG	1x1 diffusion filters protection bag
VP2-FBAG	2x1 diffusion filters protection bag
VP2X2-FBAG	2x2 diffusion filters protection bag

1X1-RABBITSQ	Rabbit Ears aluminum frame for 1x1 panels

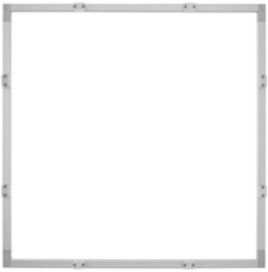


2X1-RABBITREC	Rectangular Rabbit Ears aluminum frame for 2x1 panels



2X2-RABBITSQ

DopChoice Rabbit Ears frame for VL2x2 and VP2x2



VL2X2-SPACEKIT

Spacelight Hilite Kit + mount frame for VELVET Power 2x2

VL2X2-H

Hanger mount for VELVET Power 2x2

VL2X2-SLOTKIT

Slots kit for VELVET Power 2x2

OCTA-SBR03	OCTA 3 foldable Snapbag 0,9m diameter for Rabbit Ears mount	
OCTA3-SG	DopChoice 40º Snapgrid for Octa 3	
OCTA-SBR05	OCTA 5 foldable Snapbag 1,5m diameter for Rabbit Ears mount	
OCTA5-SG	DopChoice 40º Snapgrid for Octa 5	
OCTA-SBR07	OCTA 7 foldable Snapbag 2,1m diameter for Rabbit Ears mount	
OCTA7-SG	DopChoice 40º Snapgrid for Octa 7	

TRANSPORT

VL1-BAG Soft bag for 1x VELVET Power 1

VL1-DBAG Soft bag for 2x VELVET Power 1

VL2-BAG Soft bag for 1x VELVET Power 2

VL1-CASE Flight case for VELVET Power 1

VL2-CASE Flight case for VELVET Power 2

VL2X2-CASE Flight case for VELVET Power 2x2

RIGGING

VL2-QLS Center ball head for VELVET Power 2

VL1-YPO Pole Operated yoke for VELVET Power 1

VP2-YPOK KIT Pole operated yoke for VELVET Power 2

VL2X2-YPO	Pole Operated yoke for VL2x2 and VP2x2

CABLES

CAB-XLR3DCC4.5M	DC extension cable 4,5 meters / 15 feet XLR3
DMX-DMX2M	DMX daisy-chain cable 2m / 6.5 feet
DMX-DMX3M	DMX daisy- chain cable 3m / 10 feet
DMX-DMX6M	DMX daisy- chain cable 6m / 20 feet
DMX-DMX10M	DMX daisy- chain cable 10m / 33 feet
DMX-DMX20M	DMX daisy- chain cable 20m / 66 feet

THE-DMXINOUT	DMX aerial splitter in out

REMOTE CONTROL

VL-RC	VELVET DMX remote control

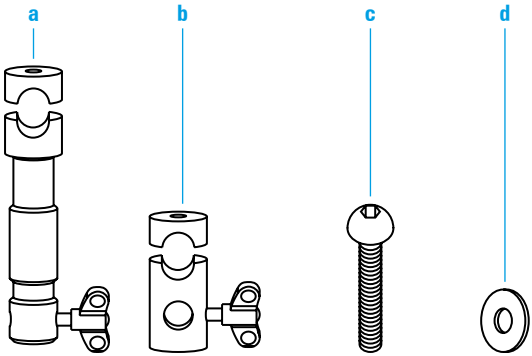
Placing into operation

VELVET POWER 1 & 2 YOKE TO LED PANNEL ASSEMBLING

VL1-YT
VL2-YT

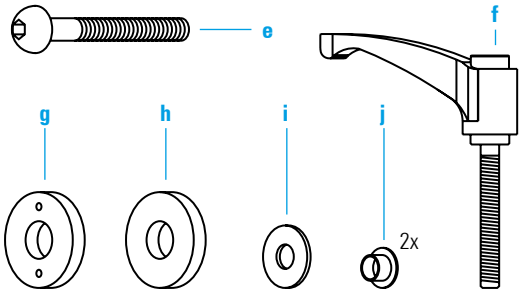
VELVET Power 1 & 2 yoke kit

Spigots assembling pieces



a. **EV-EURO28-T** Kit Euro 28mm junior pin for tubular yoke
b. **THE-2816CTUBEK** Kit Compact 28mm junior pin & 16mm baby receiver
c. **TOR-D7380M8X35s** Hexagonal head screw M8x40
d. **TOR-DIN9021M8T** M8 Metal washers

Yoke assembling pieces

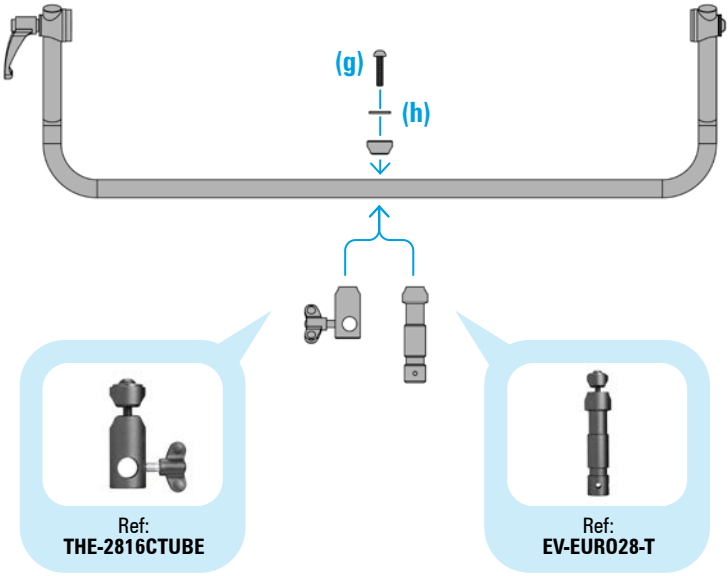


e. **TOR-D7380M8X45T** M8 Bolt
f. **ASA-KNOBM8TUBE** Adjustable knob
g. **TOR-WSFT** Ferodo washers with holes
h. **TOR-WSFMINI** Ferodo washers without holes
i. **TOR-DIN9021M8T** M8 Metal washers
j. **TOR-BEAR8X10X15** Nylon bearing for VELVET yokes

STEP 1

Spigot mounting

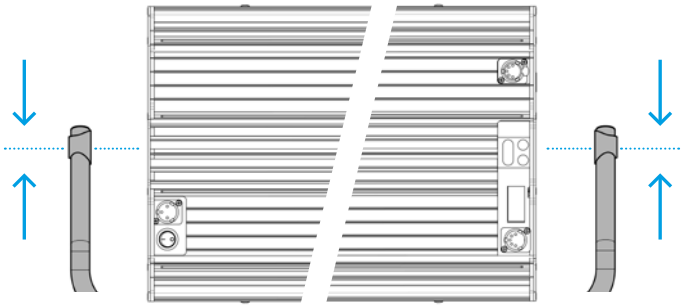
(*) Generally, spigots and yokes are assembled together, but depending on the size of the assembling box, the spigot may have to be assembled separately by the customer.



STEP 2

Alignment

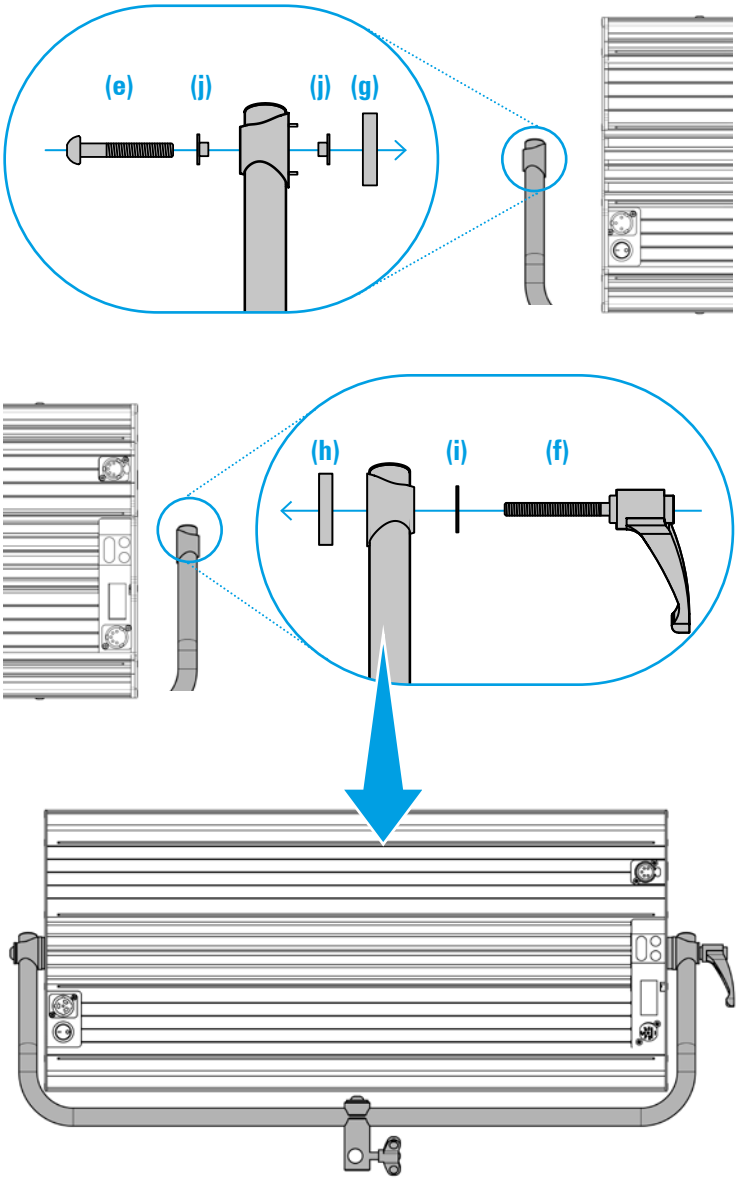
Align the adjustable yoke with the VELVET Power panel as shown in the picture.



STEP 3

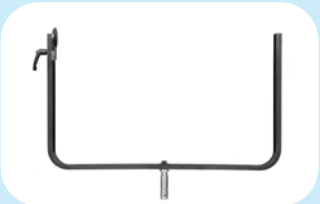
Assembling steps

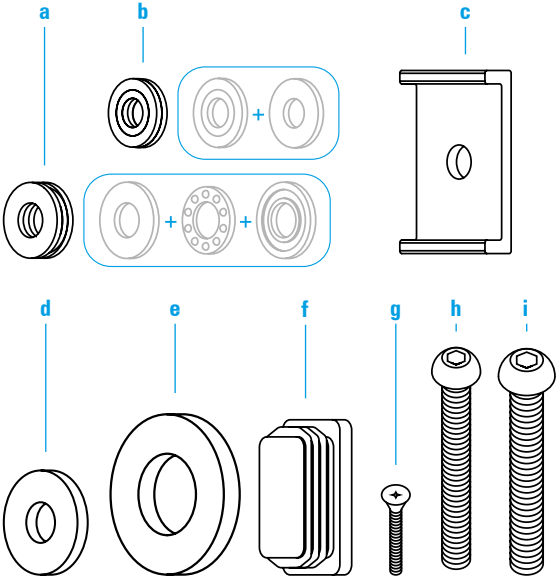
Assemble the yoke to the LED panel by using the mounting Kit of bolts **(e)**, washers **(g, h, i)** and adjustable handle **(f)**. First mount the handles with the metric M8 metal washer then insert the thick rubber washers **(4)** between the yoke and the LED panel.

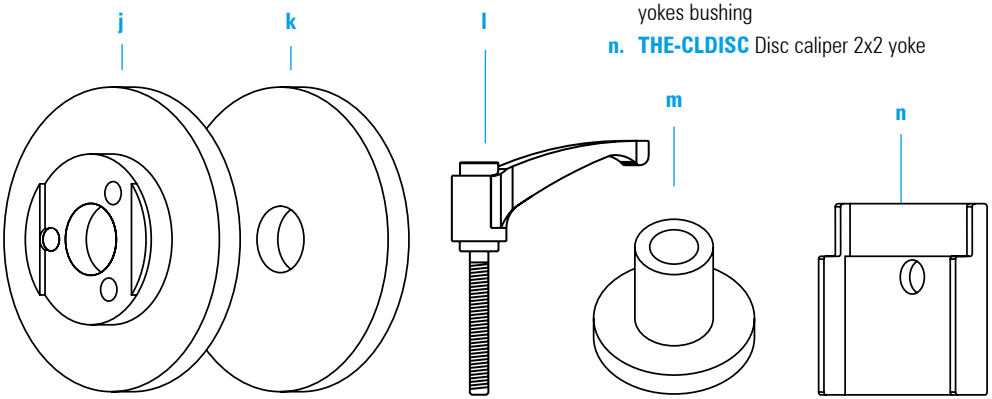


VELVET POWER 2X2 YOKE TO LED PANNEL ASSEMBLING

VL2X2-YD Yoke disc kit for VELVET Light 2x2 and VELVET Power 2x2

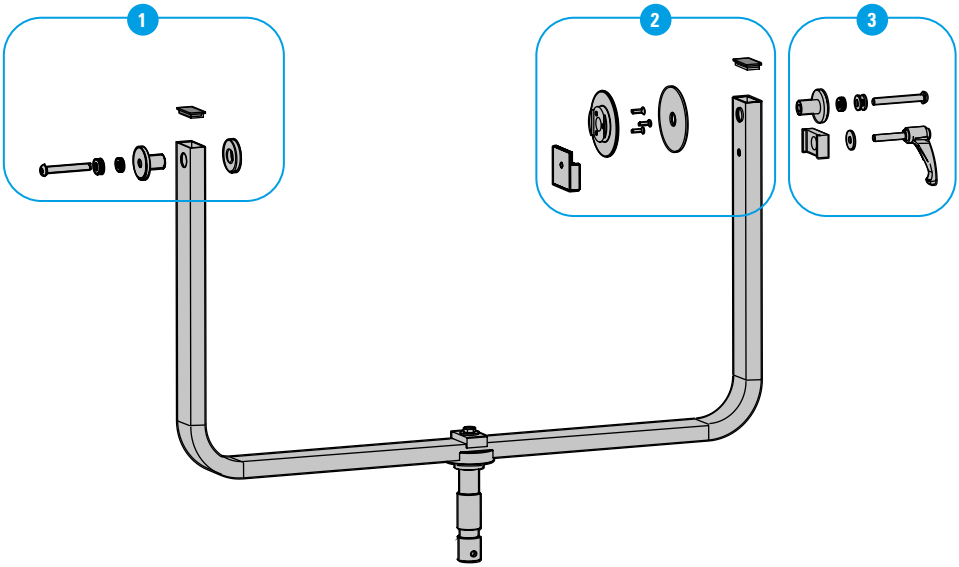






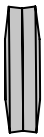
a. **TOR-D711M8** Thrust bearing M8
b. **TOR-D6796M8** Conical spring washer M8
c. **THE-UFIJACION** U-Clamp for 2x2 yoke adjustable handle
d. **TOR-DIN9021M8T** Wide wing washer M8
e. **M4200716L000** EVO2x2 lright side Ferodo washer
f. **CAP-RECYOKE** Nylon cap for rectangular yoke
g. **TOR-D965M4X20** Phillips countersunk head screw M4x15
h. **TOR-D7380M8X60** Socket button head cap screw DIN7380 M8x60
i. **TOR-D7380M8X65** Socket button head cap screw DIN7380 M8x65
j. **THE-DISC2X2R2** Disc brake for yoke 2x2 yokes VELVET and EVO
k. **THE-CLDISC** Disc caliper 2x2 yoke
l. **ASA-KNOBM8TUBE** Adjustable knob
m. **Q00007170001** 2x2 VELVET and EVO yokes bushing
n. **THE-CLDISC** Disc caliper 2x2 yoke

Steps scheme



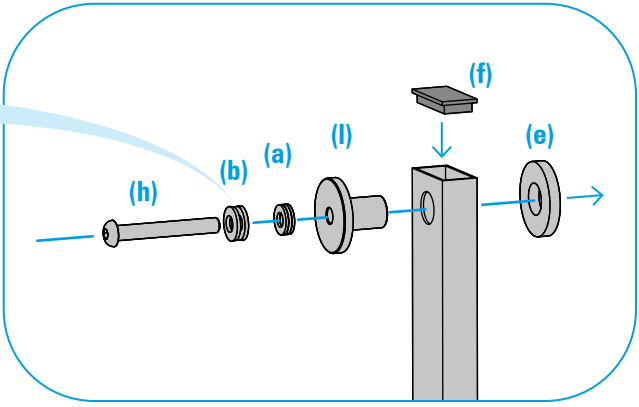
STEP 1

Place the nylon cap **(f)** and assemble this side of the yoke using the socket button head cap screw **(h)**, the conical spring washer **(b)**, the thrust bearing M8 **(a)** and the yoke bushing **(m)**. Place the ferodo washer **(e)** between te yoke and the panel.



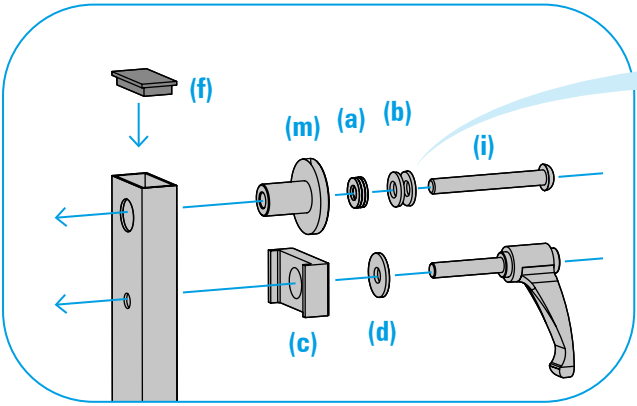
Ref:
THE-2816CTUBE

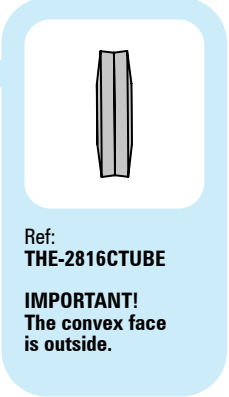
IMPORTANT!
The convex face is outside.



STEP 2

Place the remaining nylon cap **(f)** and use the socket buton cap screw **(h)** again as an axis for the conical spring washer **(b)**, the thrust bearing M8 **(a)** and the yoke bushing **(i)**. Use the bottom hole to fix the wide wing washer M8 **(d)** and the U-Clamp piece **(c)** with the adjustable knob.



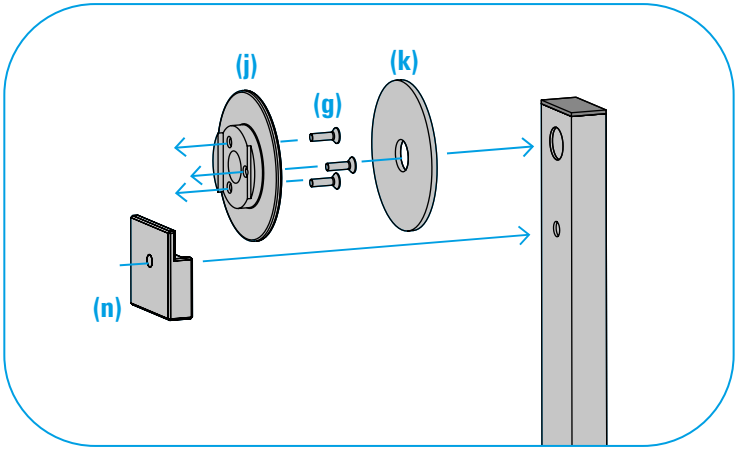


Ref:
THE-2816CTUBE

IMPORTANT!
The convex face is outside.

STEP 3

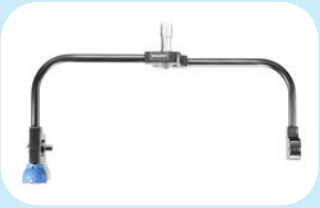
Fit the the disk brake **(i)** with the disc caliper **(l)** and use the three Philiphs countersunk head screws **(g)** to fix the disk brake to the LED panel. Align the center of the disk brake and the center of the friction washer **(j)** with the upper hole in the yoke.



POLE OPERATED YOKE TO LED PANNEL ASSEMBLING

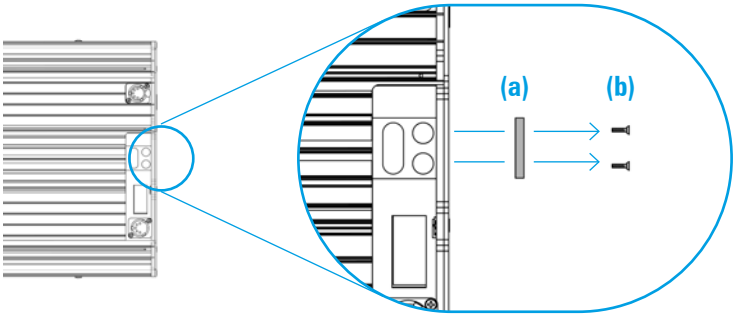
VL1-YPO
VL2-YPO
VL2X2-YPO

Pole operated yoke for VELVET Light series and VELVET Power series



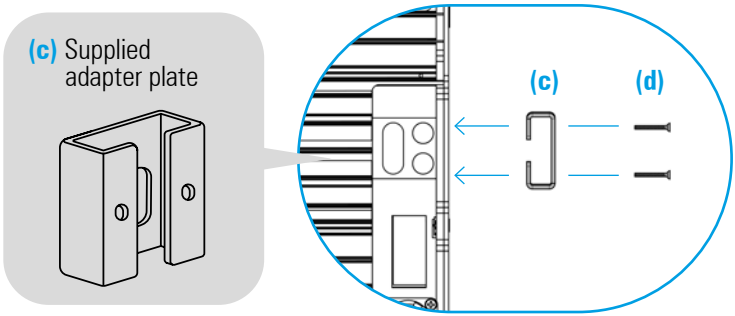
STEP 1

Remove the ferodo washer **(a)** fixed with two Philips countersunk head screws M4x10 black **(b)** on the right side panel cover as show in the picture. You can identify the "right side" because is where the display and tactile buttons are located.



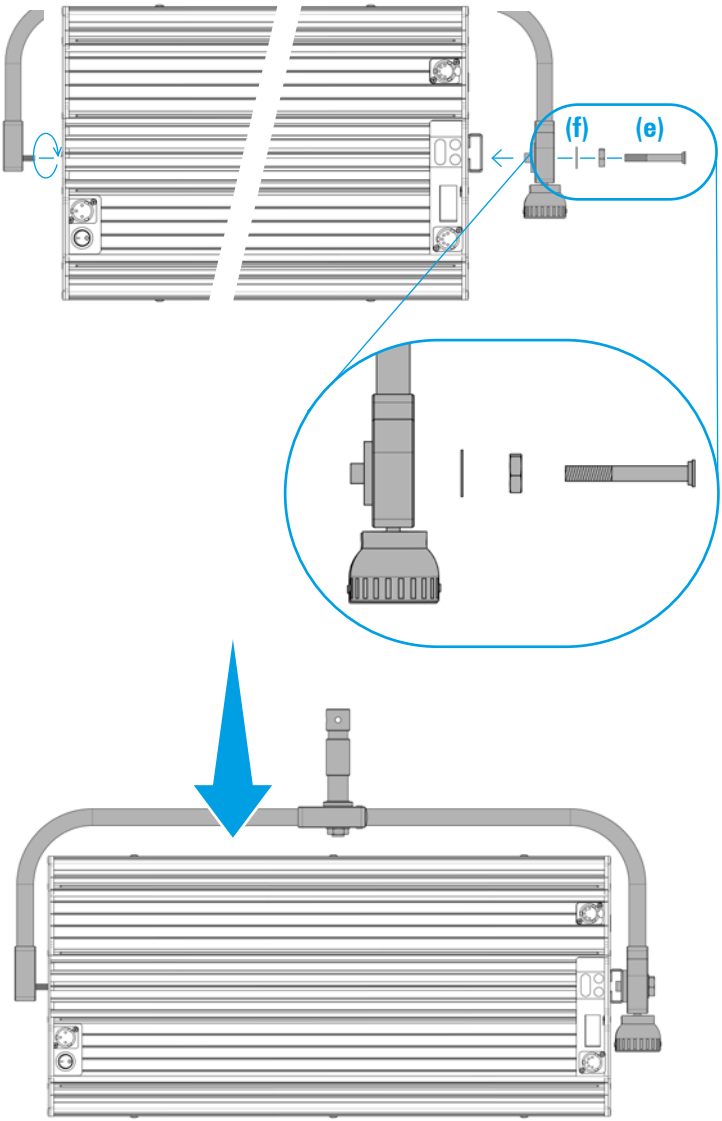
STEP 2

Install the supplied adapter plate **(c)** using the original two Philips countersunk head screws M4x10 black **(d)**.



STEP 3

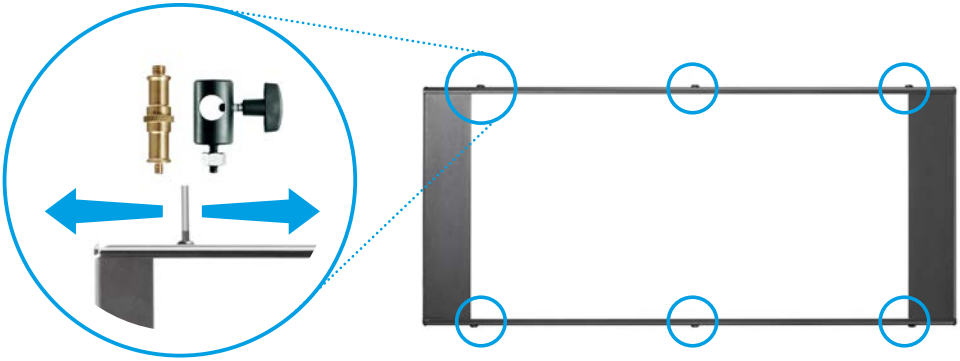
Display the panel over a table with the back facing to you and the display and tactile buttons to the right. Mount the Pole Operated yoke with the tilt gear box facing to the right. Insert the hexagon socket head cap screw M8x80 **(e)** with its washer **(f)** through the PO yoke gear box and through the adapter plate already installed on the panel.



MOUNTING OPTIONS

VELVET Power panels have been designed to be easily installed and hidden on tight locations or low ceiling rooms.

They can be rigged up in many ways through the adjustable yoke, swivel ball head or by using the sliding 1/4-20" threads and bolts located on both top and bottom of any VELVET panel.



SECURITY CABLES

The LED panel is provided with several holes specially design to insert one o more snaps and their safety cable.

WARNING

When a VELVET 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.

Accessories installation

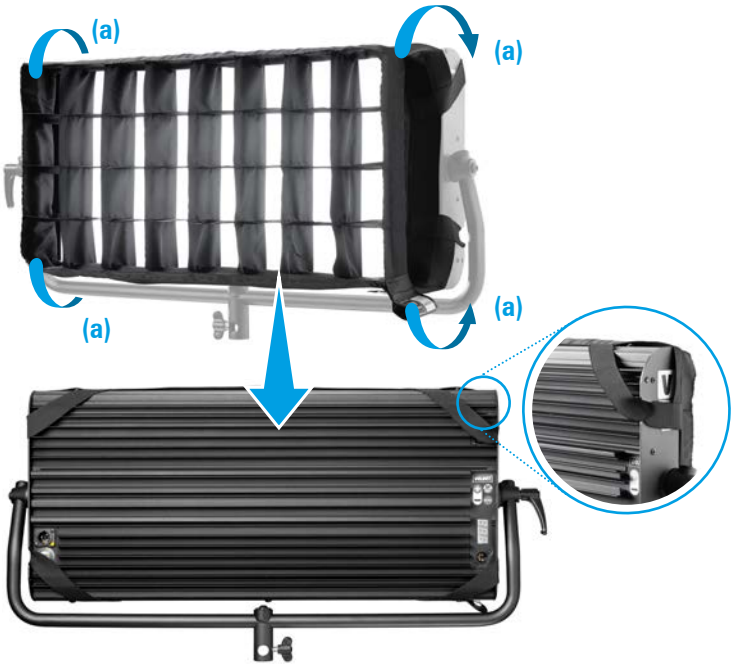
SNAPGRID INSTALLATION

VL1-SG
VL2-SG
VL2-SG20
VL2-SG60
VL2X2-SG
VL2X2-SG20

DopChoice (40º, 20º & 60º)
Foldable Snapgrid for VELVET Light Series and VELVET Power series

STEP 1

Position the VELVET panel with the light pointing up. Unfold the snapgrid, place it over the VELVET diffuser and flip the elastics **(a)** over the panel corners to secure it. The side covers prevent emitting of spill light.



NOTES

SNAPGRID CLOTH FLAMEPROOF RATING

The snapgrid has been manufactured with black cloth which meets the flameproof standards UNE EN 1101 and EN 13772

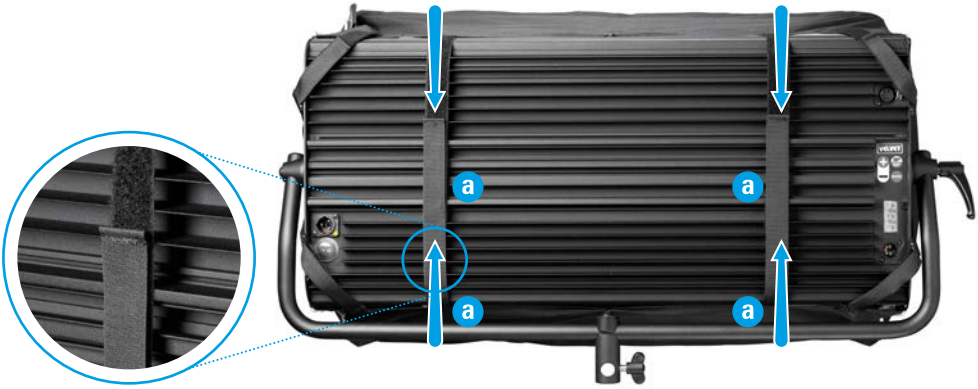
SNAPBAG INSTALLATION

VL1-SB
VL2-SB
VL2X2-SB

DopChoice SnapBag softbox for VELVET Light series and VELVET Power series

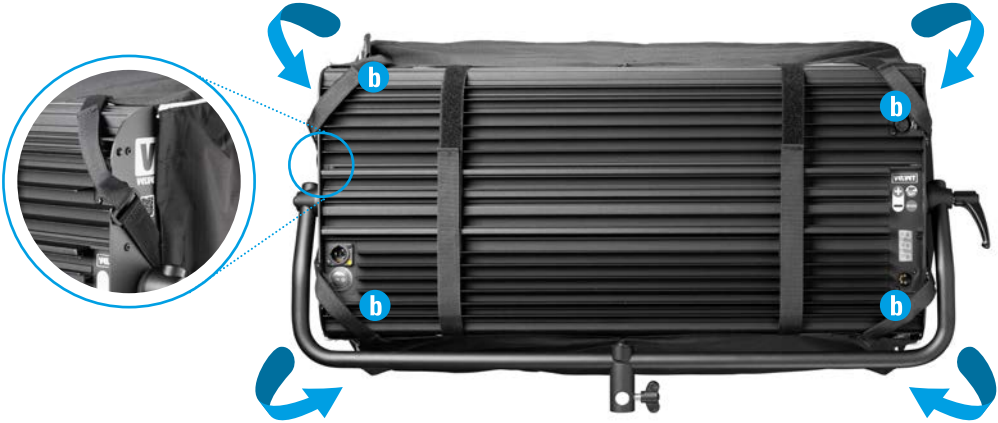
STEP 1

Open the Snapgrid and secure it over the Power Panel by hooking the rear velcro strips **(a)**.



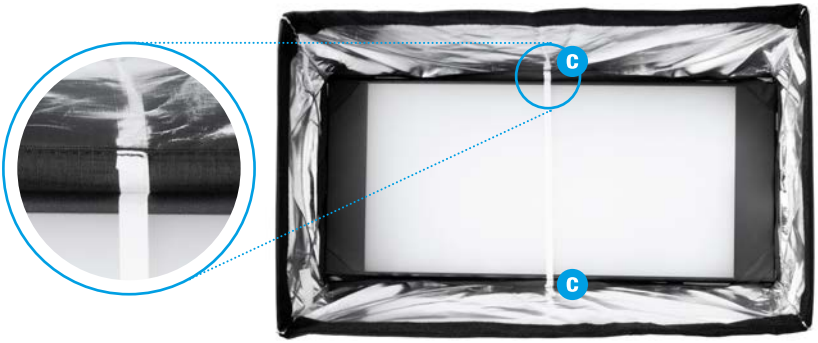
STEP 2

Pull the elastics **(b)** on all 4 corners over the housing starting with the TOP corners.



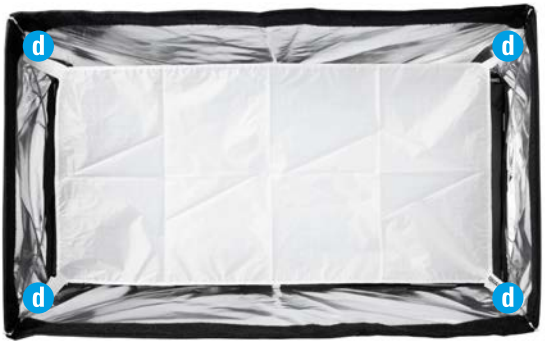
STEP 3

At the end of process, secure again all velcros and tensors.Check the front corners and finish the assembly using the central maintensioners **(c)** so that the assembly looks equal, centered and firm.



STEP 4

Hook in the intermediate diffuser fabric using the white velcro strips **(d)** on the corners of the snap bag.

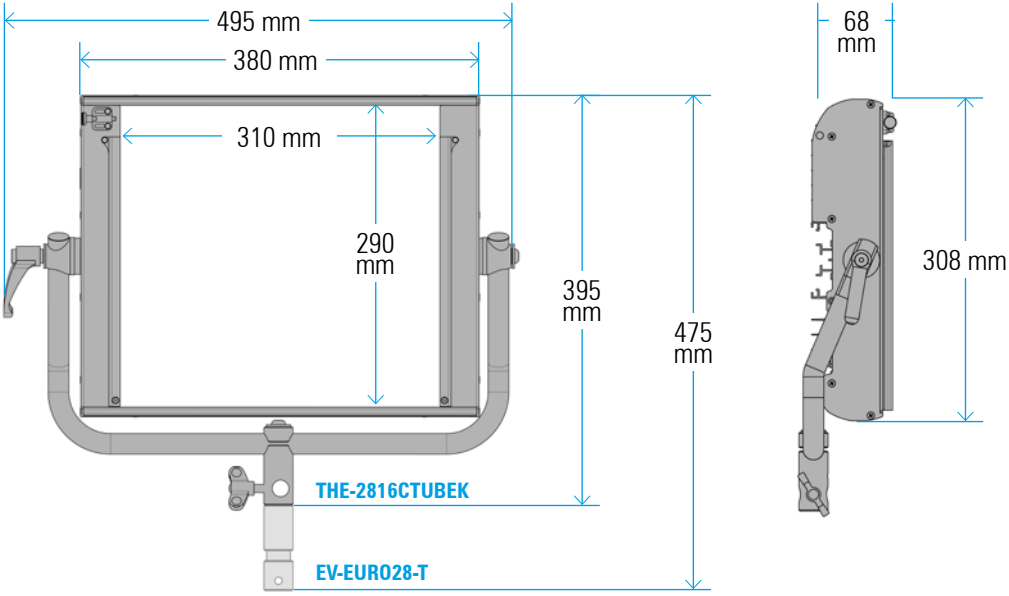


STEP 5

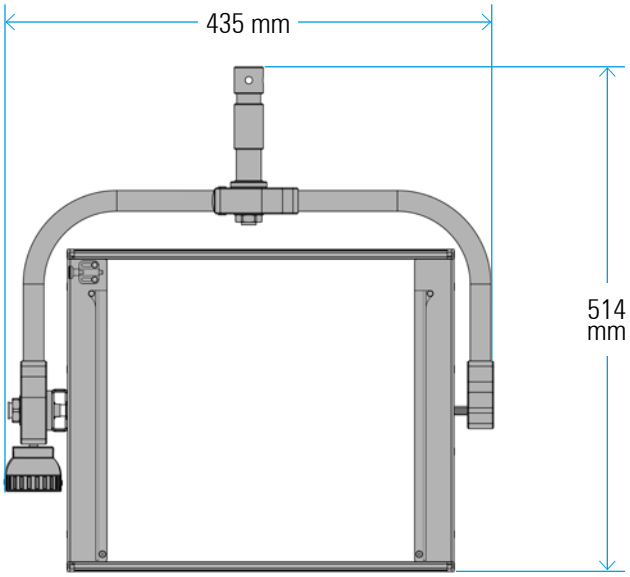
Finally, use the outer velcro tape **(e)** to hook the outer diffuser fabric.

Diagrams

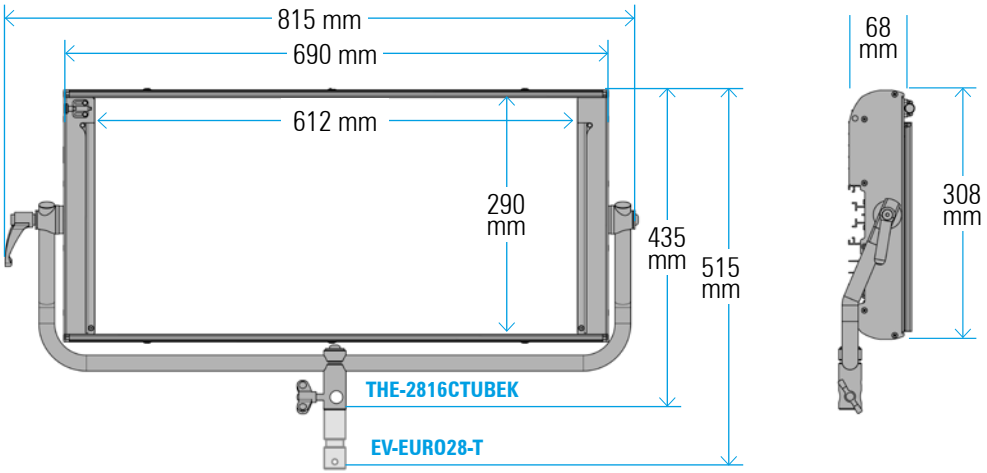
VELVET Power 1+MO Yoke



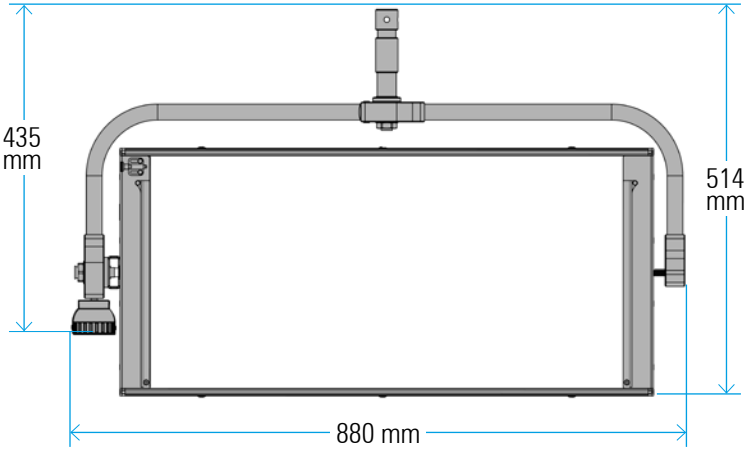
VELVET Power 1+PO Yoke



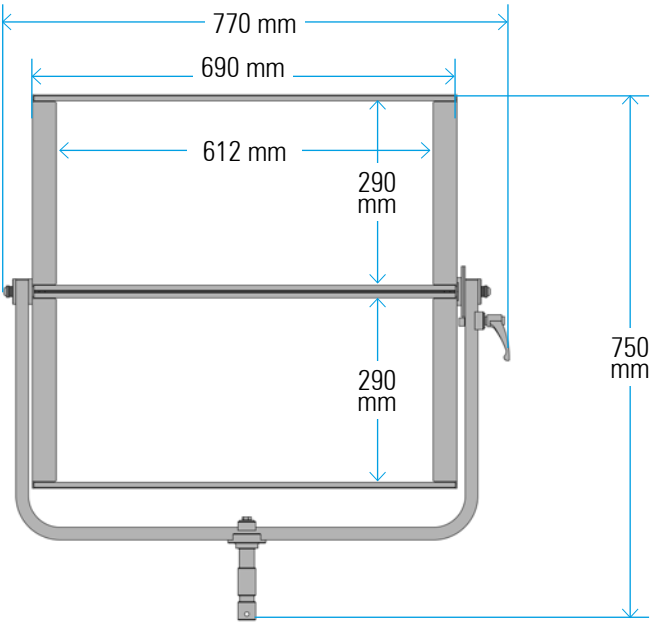
VELVET Power 2+MO Yoke

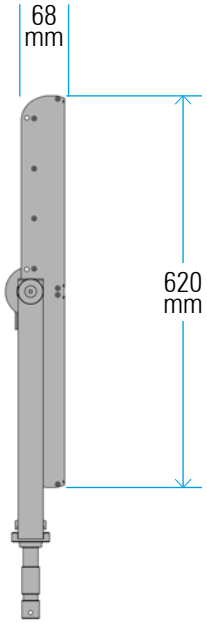


VELVET Power 2+PO Yoke

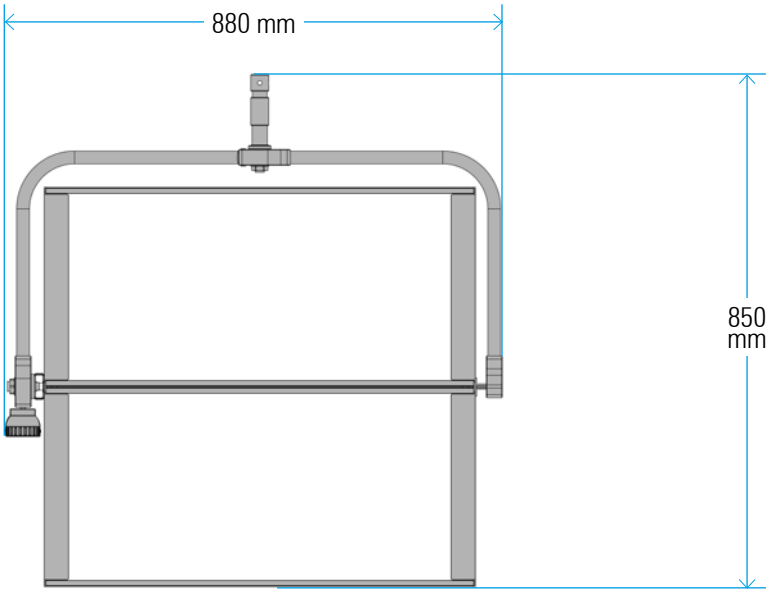


VELVET Power 2x2+MO Yoke





VELVET Power 2x2+PO Yoke



Digital adjustments

COLOR

Power on/off

Turn on the fixture by switching on the power button. The light settings always remain stored when the digital control is powered off.

By pushing the MODE button you can select either Color Temperature or Dimmer adjustment.

The digital control enables to adjust the following light parameters through its programmed CPU:

- Calibrated color temperature variation
- Stable color dimming

Color temperature variation

VELVET Power series includes a dedicated button to immediately set 3200K or 5600K.

Color temperature can also be increased or reduced through the +/− buttons located at the digital control panel. The display indicates either the selected color temperature or the dimming value.

When color temperature is selected a dot "." appears between the two digits value. The value 3.2 corresponds to 3200K and the value 3.3 to 3300K and so on.

Push the "+" button to increase color temperature or push the "−" button to decrease it. If you keep pushed any of the buttons you will get a fast continuous variation. Every push on the buttons will increase or decrease the color temperature in increments of 100 Kelvin.

DIMMING

Dimmer intensity variation

The dimmer is totally digital and guarantees the regulation of light intensity with minimal changes in the selected color temperature.

Light intensity can be easily increased or reduced through the +/− buttons located at the digital control panel. The display indicates the selected dimmer value from 1 to 100.

Push the + button to increase light intensity or push the − button to decrease it. If you keep pushed any of the buttons the you will get a fast continuous variation.

MASTER & SLAVE

Master-slave function

The integrated master-slave function allows to link an array of any VELVET Power product together and operate them all without a controller.

The first VELVET fixture will be the Master acting as the controller and all the others will react and copy the color temperature and dimmer values.

Use DMX XLR-5 in&out splitter cables (ref. THE-VL-DMXinout) to daisy chain several VELVET Power panels.

Any VELVET Power, can be mixed in the same chain because they are fully compatible.

To make the first unit as the Master follow this steps:

1. Switch off the power button.
2. Push "+" and "−" buttons at the same time and then switch on the power button.
3. Now the unit is in DMX mode and any DMX channel can be addressed.
4. Push the "−" button until "n n t" will be shown in the display.

5. Push "32K/56K" button to confirm the MASTER mode.
6. A dot will permanently blink on the display reminding that the panel is set as MASTER.

NOTES

Every time you switch off the power button the VELVET panels are automatically set to SLAVE mode.

WARNING

Only the first VELVET panel on the chain can be the Master. Every other VELVET panels must be set on standard Slave mode and address at channel 001.

The VELVET panel set as MASTER cannot control any other lighting fixture out of VELVET Light, Power or Mini not even other articulated products.

DMX RDM CONTROL

VELVET fixtures have been designed for a full bi-directional DMX RDM control from the 5-pin DMX port located at the back of the fixture.

Once the DMX controller is powered ON a dot "." appears in the right down corner of the digital display as DMX operation status reminder.

Use DMX XLR-5 in&out splitter cables (ref. THE-VL-DMXinout) to daisy chain several VELVET non STUDIO panels or mix them within any DMX line of different fixtures.

ADDRESSING CHANNELS

To address the DMX channel on any VELVET panel follow this steps:

1. Switch off the power button.
2. Push "+" and "−" buttons at the same time and then switch on the power button.
3. Now the unit is in DMX mode and any DMX channel can be addressed.
4. Push the "+" or "−" buttons to increase or decrease the first fixture address.
5. Once you have chosen the desired address number push the "32K/56K" button to save the selection.

Keep in mind the following points regarding DMX control:

- VELVET DMX protocol uses 2 channels per fixture
- After the DMX address is entered the fixture will automatically assign the following channel
- If you wish to control several VELVET fixtures at the same values you will have to set them to the same address
- If you wish to control several VELVET fixtures independently you will have to offset their address by 2 channels. Example: *fixture1 address 001 -- fixture2 address 003 -- fixture3 address 005*

DMX Channels	When you connect your console to VELVET you will be able to control the fixtures through 2 channels:
CH01 Start adress	COLOR TEMPERATURE From 3.0 to 6.0 (from 3000K to 6000K) Fader=0 (3.0) means 3000K / Fader=100 (6.0) means 6000K
CH02 Start adress+1	DIMMER

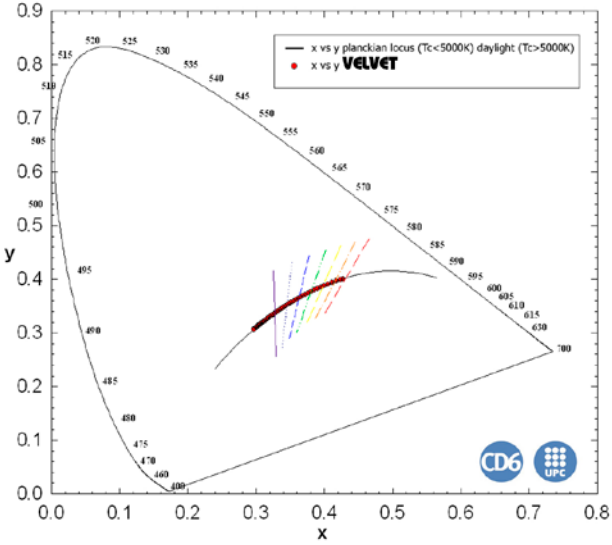
NOTES

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 chain. 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.

Chromacity coordinates diagram

(x, y CIE-1931)



Shown on the diagram are the VELVET lamp head chromaticity coordinates (x, y CIE-1931) feed and digitally controlled by its Control Unit and they are compared with the reference illuminants. These reference illuminants are the Planckian locus radiator set below 5000K and the CIE daylight reference is set over 5000K. The Planckian locus radiator references the chromaticity for several tungsten lamps color temperatures while the daylight locus typify daylight type D illuminants.

The diagram evidence the light emanated by VELVET luminary at every color temperature entirely matches with the described locus reference so that the color of the light produced is essentially the same as incandescent and daylight. It is also remarkable the minimum green/ magenta deviation over the locus reference along the range of color temperatures (means minimal difference between VELVET chromaticity coordinates and the ideal reference line).

Calibration

The Instrument Systems scanning spectrometer, model Spectro 320, serial number 30932004, with its accessory TOP-100 has been calibrated according to the United States National Institute of Standards (NIST) and the german Physikalisch-Technische Bundesanstalt (PTB) standard references.

Accuracy

The Instrument Systems scanning spectrometer, model Spectro 320, serial number 30932004, with its accessory TOP-100 has an imprecision over the spectral radiometric results delivered lower than 1%.

Regulations

This equipment is designed to meet the following regulations and safety standards for battery powered technology equipment:

Enviromental

Devices are certified and intended for indoor or outdoor use.

LAMP HEAD OPERATION TEMPERATURE from -20º to +40º C

OPERATING HUMIDITY from 30 to 90% RH non condensing

DECLARATION OF CONFORMITY TO EMC DIRECTIVE 2004/108 EC

Manufacturer Name & adress

VELVET (THELIGHT luminary for cine and tv, S.L.)

Carrer de la Cerdanya 11-A.
08192 Sant Quirze del Vallés. BARCELONA, SPAIN.
info@velvetlight.tv / www.velvetlight.tv

Standards

EC - DECLARATION OF CONFORMITY
Brand Name: VELVET

Product Description: LED Luminaire systems for professional use
VELVET Kosmos
VELVET Evo1, Evo2, Evo 2x2
VELVET Cyc3, Cyc4, Cyc5, Cyc6
VELVET Mini 1, Mini 2, Mini 3
VELVET Mini Power 1, Mini Power 2
VELVET Light 1, Light 2, Start 2, Light 2x2, Light 4
VELVET Power 1, Power 2, Power 2x2
VELVET Sword 2, Sword 4.

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/EU of the European Parliament and of the Council of 8 June 2011on 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.

RED 2014/53/EU Radio equipment directive.

EN 62471:2008 Photobiological Safety of Lamps and Lamp Systems.

Sant Quirze del Vallés. BARCELONA, 1 June 2021
Administrator - Javier Fdez. de Valderrama

Warranty

General warranty

VELVET LED light equipments 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 labour.

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.

Return 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.

THELIGHT Luminary for cine and tv, S.L.

www.velvetlight.tv

Information and specifications in this document are subject to change without notice.

QR Links

VELVET Power series website

VELVET Power series suport documents

VELVET Power Series

velvetlight.tv

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