SOFT LED 2XL VW +C

DeSisti

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LED Softlight max 230W - CRI>95
White light with addition of RGBA Phosphor color LEDs, Tunable Correlated Color Temperature from 1.800 to 12.000°K

OVERVIEW

The SOFT LED 2XL VW +Color is the DE SISTI answer to the increasing demand of COMPACT FIXTURES for SOFTLIGHTING offering the possibility to color the scene and use effects without compromising the quality of the white light emission.

The same Bi-Color White Leds of the appreciated Vari-White range are being utilized but now with a new addition of red, green, blue and amber leds production unmatched White Color output with supreme color saturation. The color chips are also revolutionary as they are phosphors based which allows color stability through all the situations and through lifetime of the LED.

It provides a super even - soft beam projection and the following main features:

- a controlled Beam and SOFT White Source, ideal for multiple camera use in the studio, with more effective control of the beam projection and effective Honeycombs
- a beautiful EVEN DISTRIBUTION and a real quality projection with precise reference white.
- NO PIXEL EFFECT from the LED (which is a problem from many other Brand's LED PANELS in the market).
- Contained Size, reduced weight and exceptional efficiency for energy savings and lit Talent comfort.
- Choice of Manual or Pole operation, the full dimming is through DMX and the LEDs are supplied with DC throughout the 0 to 100% dimming range, for a full FLICKER FREE operation and super smooth cross fades.
- The unit is self contained and requires no other external power supplies or devices....both Mains and DMX connections are DAISY Chainable.

MODEL	DESCRIPTION
S2XLVW+C.MO	SoftLED 2XL VW+C - Tunable White +RGBA, Manual Operated
S2XLVW+C.PO	SoftLED 2XL VW+C - Tunable White +RGBA, Pole Operated

WHAT'S INSIDE

FIXTURE HEAD
POWERCON IN & OUT PANEL CONNECTORS.
XLR 5 Pin DMX IN & OUT PANEL CONNECTORS.
230W LED engine with White LEDs (CCT) from 2.800°K till 6.600 °K and Red, Green, Blu and Amber phoshors based - extended CCT in ULTRA CRI mode from 1.800°K to 12.000°K
Built In Universal Power Supply 90-250V 50/60Hz DMX controlled.

YOKES
Manual Operated Versions
Mod. S2XLMO.110.40 M.O. stirrup with 28,57 mm. spigot (B.S. 1-1/8"), with top end for "C" clamp

Pole Operated Versions
Mod. S2XLMO.110.40 P.O. yoke with 28,57 mm. spigot (B.S. 1-1/8"), with top end for "C" clamp

ACCESSORIES
Mod. S2XLDIF Diffuser Panel for SOFT LED 2XL

CABLES
Mod. 5403.135 3 mt. (9.8 ft) detachable Blue POWERCON power cable with bare ends.

DMX cable is not included, to be ordered separately

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SOFT LED **2XL**

M.O.

P.O.

FEATURES

Power to LED	max 230W - DC current to the LED - flicker free
Rated Voltage & PFC	90-250V 50-60Hz PFC 0,96 - DC48V (optional)
Power consumption	max 260W @ 230V | max 260W @120V
Power Connection	powerCON IN & OUT - XLR 3-pin (with DC48V option)
DMX Data link USITT DMX512-A	5-pin XLR for DMX in & out. - W-DMX Lumenradio (optional) Use shielded data cables. Do not overload the daisy chain. Up to a maximum of 32 devices can be used on a single DMX chain.
DMX Channels	8 bit: 7 to 9 (depending if Mode control and Fan control are activated) 39 in Extended mode 16 bit: 8 to 10 (depending if Mode control and Fan control are activated) 40 in Extended mode
LED BOARDS Lifetime	60.000 hours with 70% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80
CCT	Tunable from 1.800°K to 12.000°K + RGBA color and color correction mode
CRI / TLCI	>95 / >96
Protection Type	IP20
Max. Housing Surface Temperature	70° C
Weight of Fixture with yoke (integrated PSU)	**M.O.** 5,5 Kg (12.1 lb) **P.O.** 6,7 Kg (14.8 lb)
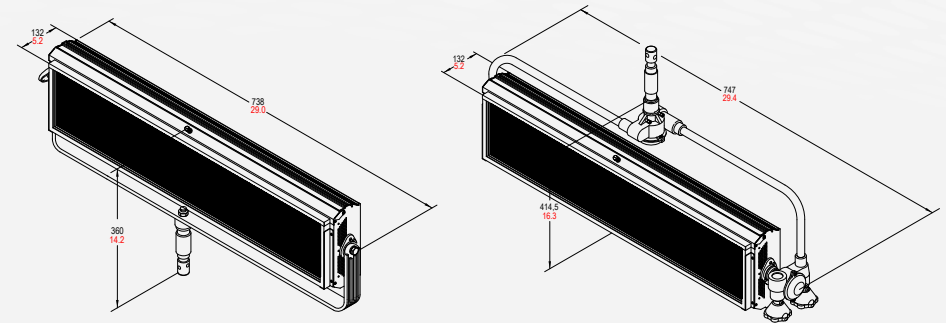
FEATURES

Vari-White CCT technology with a range from 1.800°K to 12.000°K and revolutionary phosphors based color LEDs to allow color stability in every situation

Rugged and Lightweight Aluminium extrusion housing with Black Oxidation low glare finishing

High efficiency, silent passive heat management. Thermal stabilization of the LED operating temperature is managed by an internal thermal sensor and CPU, variable fan speed and heat sink to maintain the LEDs at optimal constant temperature.

DMX (or local) control of the Light intensity from 0 to 100% with smooth transition and theatrical quality dimming....flicker free at any dimming level.

100% flicker free system with universal Power Supply unit 90-250V to work in every condition and frame rate.

Available with either positive lock manual yokes for comfort and ease of handling, or pole operated yokes.

Honeycombs and intensifier accessories work perfectly to shape and control the beam spread.

DMX daisy chaining and Power Pass Through features allow for quicker installations of the lighting system.

De Sisti S2XL VW+Color is controlled through 9 modes:

1) RGBAWW mode: 6 channels color mixing
2) GEL mode: Preset Gels + Referral source
3) Variwhite + color mode: Tunable White + RGBA
4) Variwhite + saturation mode: Tunable White + color correction (+/- green + Cyan and +Amber)
5) Ultra CRI mode: CCT from 1.800°K to 12.000°K
6) HSI mode: Hue Saturation intensity (User can select the Gamut between Standard and REC709)
7) XY mode: X, Y coordinates (extremely precise as based on 4 colors instead only on RGB)
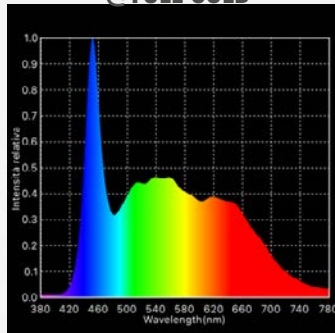8) FX mode: Effects
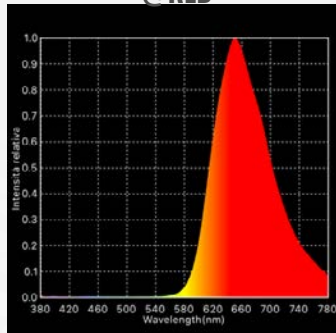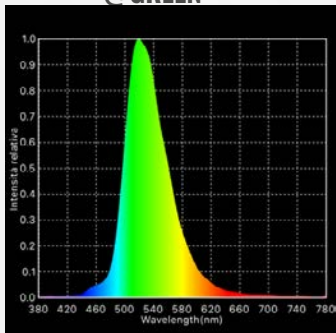9) Sources mode: Preset Sources
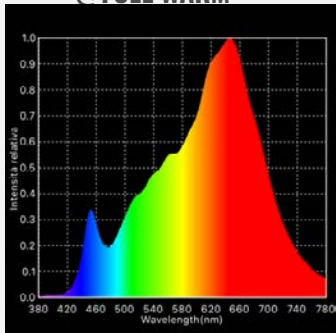
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Vari-White at C.C.T. (Correlated Color Temperature) balanced to 3.200°K - max 230W (CRI>96 - TLCI>97) - ULTRA CRI MODE
Illumination center values at the following distances

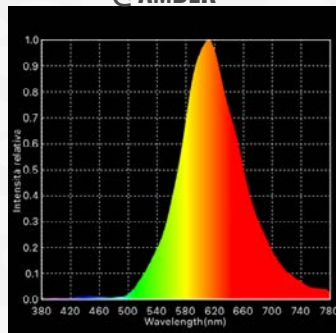|		2 mt 6.6 ft	3 mt 9.8 ft	5 mt 16.4 ft
S2XL VW+C at 3.200°K w/o Front Accessories Central Light intensity (Candle Power)	9.900 cd	2.475 lux 230 FC	1.100 lux 102 FC	396 lux 37 FC
S2XL VW+C at 3.200°K with Medium Black H.comb Central Light intensity (Candle Power)	8.455 cd	2.114 lux 196 FC	939 lux 87 FC	338 lux 31 FC
S2XLVW+C at 3.200°K with Narrow Black H.comb Central Light intensity (Candle Power)	8.098 cd	2.025 lux 188 FC	900 lux 84 FC	324 lux 30 FC

Vari-White at C.C.T. (Correlated Color Temperature) balanced to 5.600°K - max 230W (CRI>96 - TLCI>97) - ULTRA CRI MODE
Illumination center values at the following distances

		2 mt 6.6 ft	3 mt 9.8 ft	5 mt 16.4 ft
S2XL VW+C at 5.600°K w/o Front Accessories Central Light intensity (Candle Power)	11.700 cd	2.925 lux 272 FC	1.300 lux 121 FC	468 lux 43 FC
S2XLVW+C at 5.600°K with Medium Black H.comb Central Light intensity (Candle Power)	9.992 cd	2.498 lux 232 FC	1.110 lux 103 FC	400 lux 37 FC
S2XLVW+C at 5.600°K with Narrow Black H.comb Central Light intensity (Candle Power)	9.571 cd	2.393lux 222 FC	1.063 lux 99 FC	383 lux 36 FC

Light beam Width with Beam Angle w/o accessories	96°	4,44 mt 14.6 ft	6,66 mt 21.9 ft	11,11 mt 36.4 ft
Light beam Height with Beam Angle w/o accessories	60°	2,31 mt 7.6 ft	3,46 mt 11.4 ft	5,77 mt 18.9 ft
Light beam Width with Beam Angle with Medium Black H.Comb	45°	1,66 mt 5.4 ft	2,49 mt 8.2 ft	4,14 mt 13.6 ft
Light beam Height with Beam Angle with Medium Black H.Comb	44°	1,62 mt 5.3 ft	2,42 mt 8.0 ft	4,04 mt 13.3 ft
Light beam Width with Beam Angle with Narrow Black H.Comb	35°	1,26 mt 4.1 ft	1,89 mt 6.2 ft	3,15 mt 10.3 ft
Light beam Height with Beam Angle with Narrow Black H.Comb	30°	1,07 mt 3.5 ft	1,61 mt 5.3 ft	2,68 mt 8.8 ft

SPECTRUM

@FULL WARM

@FULL COLD

@RED

@GREEN

@BLU

@AMBER

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OPTIONALS & ACCESSORIES

S2XLVW.XO.DIN	adder code to order DIN Spigot
S2XL-HCN	BLACK Honeycomb for SOFT LED 2XL fixtures, 1/4" black honeycomb, NARROW.
S2XL-HCM	BLACK Honeycomb for SOFT LED 2XL units, 1/2" black honeycomb, MEDIUM.
S2XL-IN	Intensifier for SOFT LED 2XL fixtures
S2XL-CF	Color Frame for SOFT LED 2XL fixtures
S2XL-CYC	Cyclorama HOOD for asymmetrical emission of SOFT LED 2XL fixtures to illuminate backgrounds & cycs.
S2XLMO.110.40	Manual Operated Stirrup with B.S. spigot for SOFT LED 2XL fixtures
S2XLMO.220.40	Manual Operated stirrup (w/o spigot) for SOFT LED 2XL fixtures
S2XLPO.110.40	Pole Operated Stirrup with B.S. spigot for SOFT LED 2XL fixtures
S2XLPO.300.40	Pole Operated Stirrup with DIN spigot for SOFT LED 2XL fixtures

OPTIONS AVAILABLE:

- **48V DC CONNECTION**

- **LUMENRADIO TIMO TWO MODULE**

- **5V USB PLUG**

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