SOFT LED 2XL VW

DeSisti

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LED Softlight 180W - CRI>95
White light, with Tunable Correlated Color Temperature from 2.800 to 6.600°K

OVERVIEW

The SOFT LED 2XL VW 180W is the DE SISTI answer to the increasing demand of COMPACT BUT WIDE FIXTURES for SOFTLIGHTING.

It provides the ability to tune the Correlated Color Temperature from a minimum of 2.800°K to a maximum of 6.600°K with an enhanced CRI (Color Rendering Index) higher than 95 at any CCT within the range.

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.MO	SoftLED 2XL VW- Tunable CCT, Manual Operated
S2XLVW.PO	SoftLED 2XL VW- Tunable CCT, Pole Operated

WHAT'S INSIDE

FIXTURE HEAD
POWERCON IN & OUT PANEL CONNECTORS.
XLR 5 Pin DMX IN & OUT PANEL CONNECTORS.
180W LED engine with Variable Correlated Color Temperature (CCT) from 2.800°K till 6.600 °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.

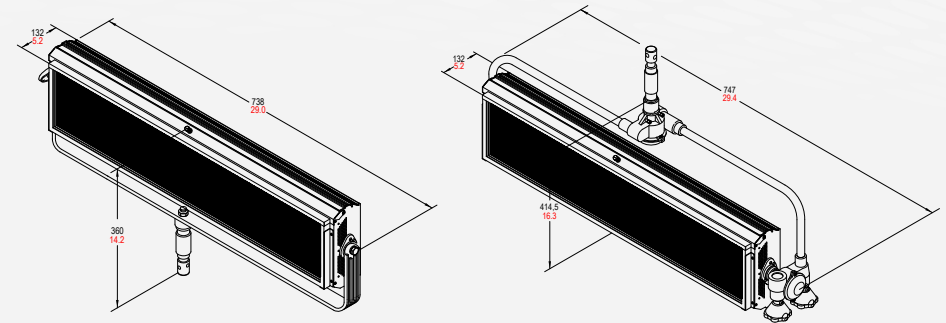DMX cable is not included, to be ordered separately

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M.O.

P.O.

FEATURES

Power to LED	180W - flicker free
Rated Voltage & PFC	90-250V 50-60Hz PFC 0,96
Power consumption	200W @ 230V | 205W @120V
Power Connection	powerCON IN & OUT
DMX Data link USITT DMX512-A	5-pin XLR for DMX in & out. 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	3: Dimmer/Light Intensity, CCT Control, Mode of CCT Control (steps or continous)
LED BOARDS Lifetime	50.000 hours with 80% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80
CCT	Tunable from 2.800°K to 6.600°K
CRI / TLCI	**T:** 96 / 96 **D:** 96 / 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 2.800°K to 6.600°K

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.

The accessories are secure regardless of the orientation of the fixture. Accessories have been designed for one hand installation.

Available with either positive lock manual yokes for comfort and ease of handling, or pole operated yokes which can be used via the lighting pole for Panning and Tilting the lights as well as manually, since the mechanical activators are equipped with clutches.
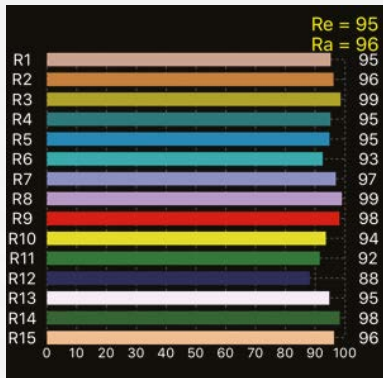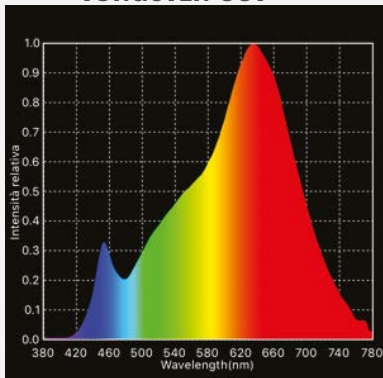
Honeycombs and intensifier accessories work perfectly to shape and control the beam spread.

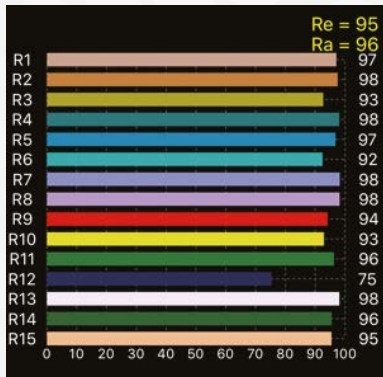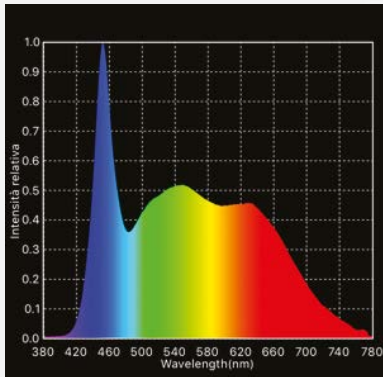DMX daisy chaining and Power Pass Through features allow for quicker installations of the lighting system.

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PHOTOMETRICS

Vari-White at C.C.T. (Correlated Color Temperature) balanced to 2.800°K - 180W (CRI>95 - TLCI>96)
Illumination center values at the following distances

		2 mt / 6.6 ft	3 mt / 9.8 ft	5 mt / 16.4 ft
S2XL VW at 2.800°K w/o Front Accessories Central Light intensity (Candle Power)	7.947 cd	1.987 lux 185 FC	883 lux 82 FC	318 lux 30 FC
S2XL VW at 2.800°K with Medium Black H.Comb Central Light intensity (Candle Power)	6.787 cd	1.697 lux 158 FC	754 lux 70 FC	271 lux 25 FC
S2XL VW at 2.800°K with Narrow Black H.Comb Central Light intensity (Candle Power)	6.501 cd	1.625 lux 151 FC	722 lux 67 FC	260 lux 24 FC

Vari-White at C.C.T. (Correlated Color Temperature) balanced to 6.500°K - 180W (CRI>95 - TLCI>96)
Illumination center values at the following distances

		2 mt / 6.6 ft	3 mt / 9.8 ft	5 mt / 16.4 ft
S2XL VW at 6.500°K w/o Front Accessories Central Light intensity (Candle Power)	10.557 cd	2.639 lux 245 FC	1.173 lux 109 FC	422 lux 39 FC
S2XL VW at 6.500°K with Medium Black H.Comb Central Light intensity (Candle Power)	9.016 cd	2.254 lux 209 FC	1.002 lux 93 FC	361 lux 34 FC
S2XL VW at 6.500°K with Narrow Black H.Comb Central Light intensity (Candle Power)	8.636 cd	2.159 lux 201 FC	960 lux 89 FC	345 lux 32 FC

		2 mt	3 mt	5 mt
Light beam Width with Beam Angle w/o accessories	98°	4,60 mt 15.1 ft	6,90 mt 22.6 ft	11,50 mt 37.7 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	60°	2,31 mt 7.6 ft	3,46 mt 11.4 ft	5,77 mt 18.9 ft
Light beam Height with Beam Angle with Medium Black H.Comb	50°	1,87 mt 6.1 ft	2,80 mt 9.2 ft	4,66 mt 15.3 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

TUNGSTEN CCT

Re = 95
Ra = 96

R1	95
R2	96
R3	99
R4	95
R5	95
R6	93
R7	97
R8	99
R9	98
R10	94
R11	92
R12	88
R13	95
R14	98
R15	96

DAYLIGHT CCT

Re = 95
Ra = 96

R1	97
R2	98
R3	93
R4	98
R5	97
R6	92
R7	98
R8	98
R9	94
R10	93
R11	96
R12	75
R13	98
R14	96
R15	95

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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

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