

# SOFT LED 8XL VW +C



DATASHEET

rel. 04-2022

DeSisti

# SOFT LED 8XL VW+C

LED Softlight max 650W - 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 8XL 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
S8XLVW+C.MO	SoftLED 8XL VW+C - Tunable White +RGBA, Manual Operated
S8XLVW+C.PO	SoftLED 8XL 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.  
660W LED engine with White LEDs (CCT) from 2.800°K till 6.600 °K and Red, Green, Blu and Amber phosphors 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. S8XLMO.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. S8XLMO.110.40 P.O. yoke with 28,57 mm. spigot (B.S. 1-1/8"), with top end for "C" clamp

### ACCESSORIES

Mod. S8XLDIF Diffuser Panel for SOFT LED 8XL

### 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

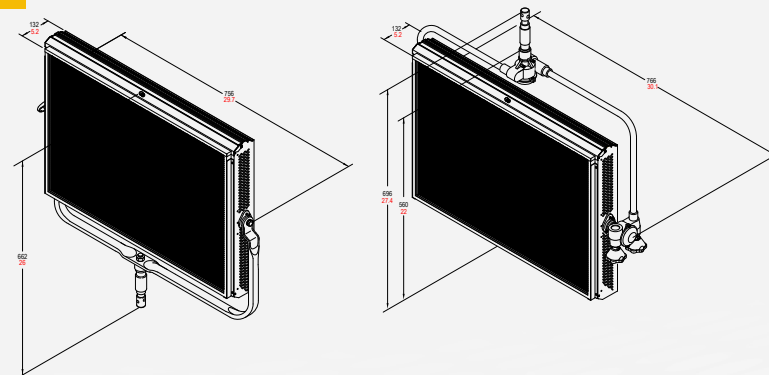


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## DIMENSION

M.O.

P.O.



FEATURES	
<b>Power to LED</b>	max 650W - DC current to the LED - flicker free
<b>Rated Voltage &amp; PFC</b>	90-250V 50-60Hz PFC 0,96 - DC48V (optional)
<b>Power consumption</b>	max 725W @ 230V   max 725W @120V
<b>Power Connection</b>	powerCON IN & OUT - XLR 3-pin (with DC48V option)
<b>DMX Data link USITT DMX512-A</b>	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.
<b>DMX Channels</b>	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
<b>LED BOARDS Life-time</b>	60.000 hours with 70% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80
<b>CCT</b>	Tunable from 1.800°K to 12.000°K + RGBA color and color correction mode
<b>CRI / TLCI</b>	>95 / >96
<b>Protection Type</b>	IP20
<b>Max. Housing Surface Temperature</b>	70° C
<b>Weight of Fixture with yoke (integrated PSU)</b>	<b>M.O.</b> 19,8 Kg (43.7 lb) <b>P.O.</b> 22,1 Kg (48.7 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 S8XL 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

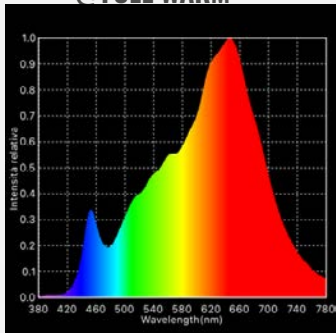
**DeSisti**

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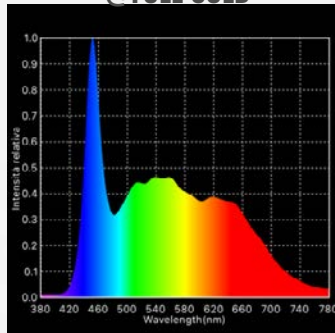
## PHOTOMETRICS

### SPECTRUM

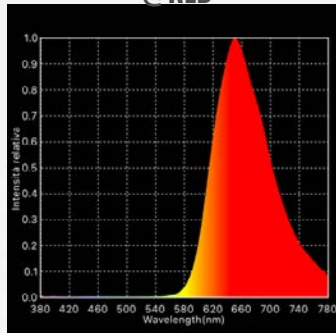
@FULL WARM



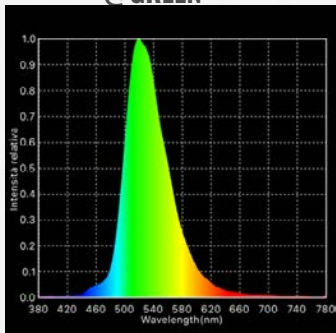
@FULL COLD



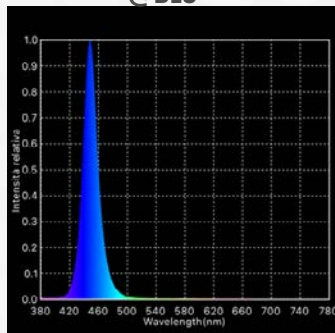
@RED



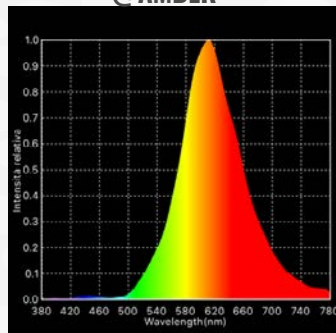
@GREEN



@BLU



@AMBER



Vari-White at C.C.T. (Correlated Color Temperature) balanced to 3,200°K - max 620W (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	
S8XL VW+C at 3,200°K w/o Front Accessories Central Light intensity (Candle Power)	27.990 cd	6.998 lux 650 FC	3.110 lux 289 FC	1.120 lux 104 FC
S8XL VW+C at 3,200°K with Medium Black H.comb Central Light intensity (Candle Power)	23.903 cd	5.976 lux 555 FC	2.656 lux 247 FC	956 lux 89 FC
S8XLVW+C at 3,200°K with Narrow Black H.comb Central Light intensity (Candle Power)	22.896 cd	5.724 lux 532 FC	2.544 lux 236 FC	916 lux 85 FC

Vari-White at C.C.T. (Correlated Color Temperature) balanced to 5,600°K - max 620W (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	
S8XL VW+C at 5,600°K w/o Front Accessories Central Light intensity (Candle Power)	30.690 cd	7.673 lux 713 FC	3.410 lux 317 FC	1.228 lux 114 FC
S8XLVW+C at 5,600°K with Medium Black H.comb Central Light intensity (Candle Power)	26.209 cd	6.552 lux 609 FC	2.912 lux 271 FC	1.048 lux 97 FC
S8XLVW+C at 5,600°K with Narrow Black H.comb Central Light intensity (Candle Power)	25.104 cd	6.276 lux 583 FC	2.789 lux 259 FC	1.004 lux 93 FC
Light beam Width with Beam Angle w/o accessories	100°	4,77 mt 15.6 ft	7,15 mt 23.5 ft	11,92 mt 39.1 ft
Light beam Height with Beam Angle w/o accessories	72°	2,91 mt 9.5 ft	4,36 mt 14.3 ft	7,27 mt 23.8 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

# SOFT LED 8XL VW+C

## OPTIONALS & ACCESSORIES

<b>S8XLVW+C.XO.DIN</b>	adder code to order DIN Spigot
<b>S8XL-HCN</b>	BLACK Honeycomb for SOFT LED 8XL fixtures, 1/4" black honeycomb, NARROW.
<b>S8XL-HCM</b>	BLACK Honeycomb for SOFT LED 8XL units, 1/2" black honeycomb, MEDIUM.
<b>S8XL-BD</b>	Barndoor for SOFT LED 8XL fixtures
<b>S8XL-IN</b>	Intensifier for SOFT LED 8XL fixtures
<b>S8XL-CF</b>	Colour Frame for SOFT LED 8XL fixtures
<b>S8XL-DIF</b>	Standard Diffuser 100 for SOFT LED 8XL
<b>S8XL-DIF-22%</b>	Dense Diffuser with 22% Light Reduction for SOFT LED 8XL
<b>S8XLM0.110.40</b>	Manual Operated Stirrup with B.S. spigot for SOFT LED 8XL fixtures
<b>S8XLM0.220.40</b>	Manual Operated stirrup (w/o spigot) for SOFT LED 8XL fixtures
<b>S8XLP0.110.40</b>	Pole Operated Stirrup with B.S. spigot for SOFT LED 8XL fixtures
<b>S8XLP0.300.40</b>	Pole Operated Stirrup with DIN spigot for SOFT LED 8XL fixtures

### OPTIONS AVAILABLE:

- 48V DC CONNECTION
- LUMENRADIO TIMO TWO MODULE
- 5V USB PLUG