

# SOFT LED 8 VW +C



DATASHEET

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DeSisti

# SOFT LED 8 VW +C

## LED Softlight 500W - 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 8 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.



### WHAT'S INSIDE

#### FIXTURE HEAD

POWERCON IN & OUT PANEL CONNECTORS.  
XLR 5 Pin DMX IN & OUT PANEL CONNECTORS.  
500W 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. S8MO.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. S8MO.110.40 P.O. yoke with 28,57 mm. spigot (B.S. 1-1/8"), with top end for "C" clamp

#### ACCESSORIES

Mod. S8DIF Diffuser Panel for SOFT LED 8

#### CABLES

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

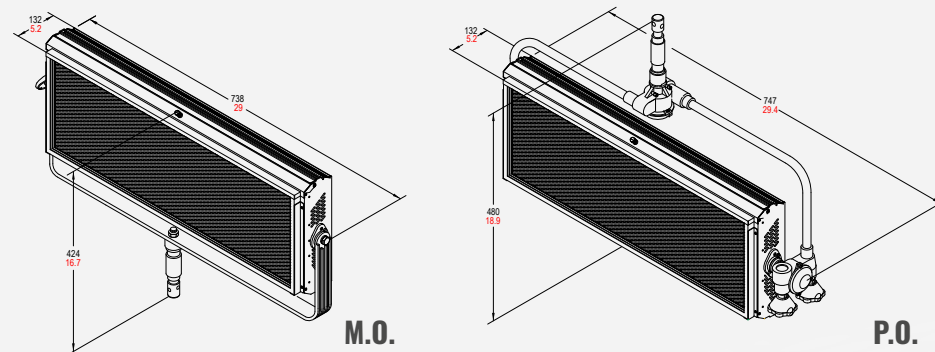
DMX cable is not included, to be ordered separately

MODEL	DESCRIPTION
S8VW+C.MO	SoftLED 8 VW + Color - Tunable White +RGBA, Manual Operated
S8VW+C.PO	SoftLED 8 VW + Color - Tunable White +RGBA, Pole Operated

# SOFT LED8 VW +C

FEATURES	
<b>Power to LED</b>	max 500W - 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 560W @ 230V   max 560W @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> 11,0 Kg (24.3 lb) <b>P.O.</b> 12,3 Kg (27.1 lb)

## DIMENSION



## 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.

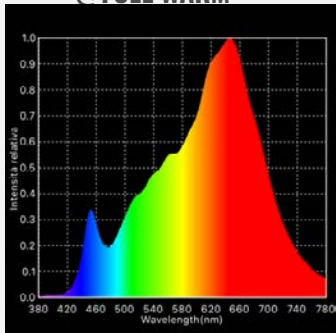
De Sisti S8 VW+Color is controlled through 9 modes:

- 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

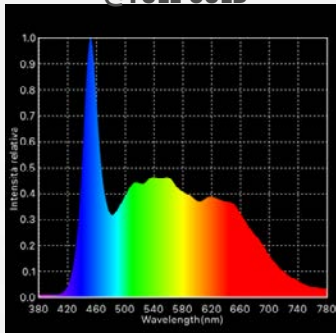
# SOFT LED 8 VW + C

## SPECTRUM

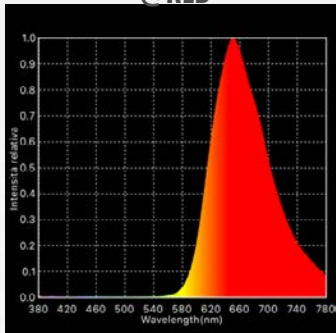
@FULL WARM



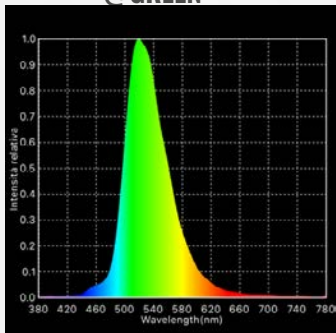
@FULL COLD



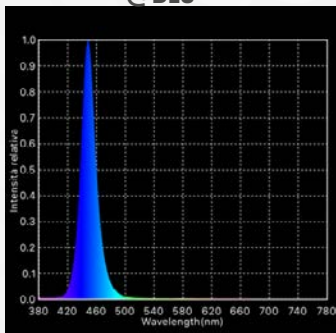
@RED



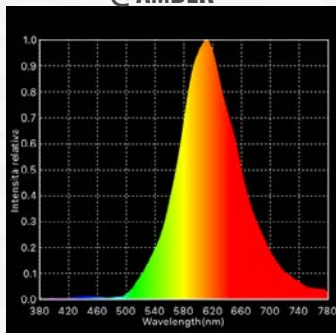
@GREEN



@BLU



@AMBER



## PHOTOMETRICS

Vari-White + Color at C.C.T. (Correlated Color Temperature) balanced to 3.200°K - max 500W (CRI>95 - TLCI>95) - 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	
S8 VW+C at 3.200°K w/o Front Accessories Central Light intensity (Candle Power)	20.970 cd	5.243 lux 487 FC	2.330 lux 216 FC	839 lux 78 FC
S8 VW+C at 3.200°K with Medium Black H.Comb Central Light intensity (Candle Power)	17.908 cd	4.477 lux 416 FC	1.990 lux 185 FC	716 lux 67 FC
S8 VW+C at 3.200°K with Narrow Black H.Comb Central Light intensity (Candle Power)	17.153 cd	4.288 lux 398 FC	1.906 lux 177 FC	686 lux 64 FC

Vari-White + Color at C.C.T. (Correlated Color Temperature) balanced to 5.600°K - max 500W (CRI>95 - TLCI>95) - 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	
S8 VW+C at 5.600°K w/o Front Accessories Central Light intensity (Candle Power)	25.560 cd	6.390 lux 594 FC	2.840 lux 264 FC	1.022 lux 95 FC
S8 VW+C at 5.600°K with Medium Black H.Comb Central Light intensity (Candle Power)	21.828 cd	5.457 lux 507 FC	2.425 lux 225 FC	873 lux 81 FC
S8 VW+C at 5.600°K with Narrow Black H.Comb Central Light intensity (Candle Power)	20.908 cd	5.227 lux 486 FC	2.323 lux 216 FC	836 lux 78 FC

Light beam Width with Beam Angle w/o accessories	95°	4,37 mt 14.3 ft	6,55 mt 21.5 ft	10,91 mt 35.8 ft
Light beam Height with Beam Angle w/o accessories	64°	2,50 mt 8.2 ft	3,75 mt 12.3 ft	6,25 mt 20.5 ft
Light beam Width with Beam Angle with Medium Black H.Comb	48°	1,78 mt 5.8 ft	2,67 mt 8.8 ft	4,45 mt 14.6 ft
Light beam Height with Beam Angle with Medium Black H.Comb	40°	1,46 mt 4.8 ft	2,18 mt 7.2 ft	3,64 mt 11.9 ft
Light beam Width with Beam Angle with Narrow Black H.Comb	31°	1,11 mt 3.6 ft	1,66 mt 5.5 ft	2,77 mt 9.1 ft
Light beam Height with Beam Angle with Narrow Black H.Comb	28°	1,00 mt 3.3 ft	1,50 mt 4.9 ft	2,49 mt 8.2 ft



# SOFT LED 8 VW + C

## OPTIONALS & ACCESSORIES

<b>S8VW+C.XO.DIN</b>	adder code to order DIN Spigot
<b>S8-HCN</b>	BLACK Honeycomb for SOFT LED 8 fixtures, 1/4" black honeycomb, NARROW.
<b>S8-HCM</b>	BLACK Honeycomb for SOFT LED 8 units, 1/2" black honeycomb, MEDIUM.
<b>S8-IN</b>	Intensifier for SOFT LED 8 fixtures
<b>S8-CF</b>	Color Frame for SOFT LED 8 fixtures
<b>S8-CYC</b>	Cyclorama HOOD for asymmetrical emission of SOFT LED 8 fixtures to illuminate backgrounds & cys.
<b>S8MO.110.40</b>	Manual Operated Stirrup with B.S. spigot for SOFT LED 8 fixtures
<b>S8MO.220.40</b>	Manual Operated stirrup (w/o spigot) for SOFT LED 8 fixtures
<b>S8PO.110.40</b>	Pole Operated Stirrup with B.S. spigot for SOFT LED 8 fixtures
<b>S8PO.300.40</b>	Pole Operated Stirrup with DIN spigot for SOFT LED 8 fixtures

### OPTIONS AVAILABLE:

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