

SOFT LED 8 VW + C



DATASHEET

DeSisti

SOFT LED 8 VW + C

LED Softlight 500W - CRI>95

White light, with Tunable Correlated Color Temperature from 2.800 to 6.600°K with addition of RGBA Phosphor color LEDs

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.

| 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 |



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 phosphors based
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.

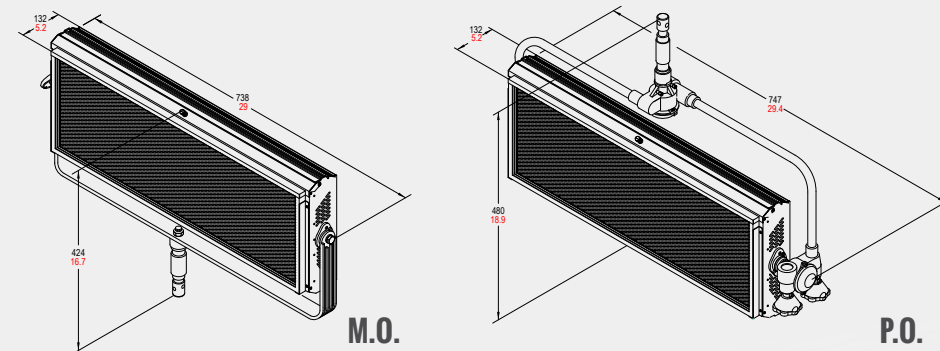
DMX cable is not included, to be ordered separately

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FEATURES

| | |
|---|---|
| Power to LED | max 500W - DC current to the LED - flicker free |
| Rated Voltage & PFC | 90-250V 50-60Hz PFC 0,96 |
| Power consumption | max 550W @ 230V max 550W @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 | 8: Master Dimmer, Mode Selection, CCT Control, Hue/Gel Selection/X coordinate/Red/+Green, Saturation/Source Selection/Y coordinate/Green/-Green, Blu, Amber, Warm White/Filter or Color correction selection in VW mode, Cold White/ CCT selection in VW mode, Strobe |
| LED BOARDS Lifetime | 50.000 hours with 70% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80 |
| CCT | Tunable from 2.800°K to 6.600°K + RGBA color and color correction mode |
| CRI / TLCI | 96 / 96 |
| Protection Type | IP22 |
| Max. Housing Surface Temperature | 70° C |
| Weight of Fixture with yoke (integrated PSU) | M.O. 11,0 Kg (24.3 lb) P.O. 12,3 Kg (27.1 lb) |

DIMENSION



FEATURES

Vari-White CCT technology with a range from 2.800°K to 6.600°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 compatible with the New ULTRA HD cameras.

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

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

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.

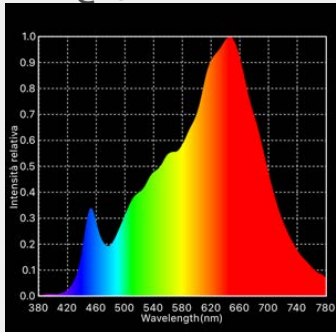
De Sisti S8 VW+Color is controlled through 7 modes

- 1) Standard 6 color mixing
- 2) Preset Gels + Referral source
- 3) Variwhite mode + 4 colors
- 4) Variwhite mode + color correction (+/- green +/- Cyan....)
- 5) Hue Saturation intensity
- 6) X, Y coordinates (extremely precise as based on 4 colors instead only RGB)
- 7) Effects

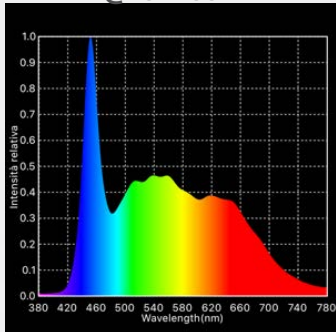
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SPECTRUM

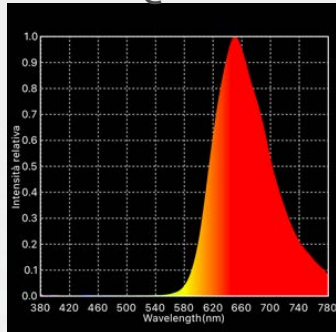
@FULL WARM



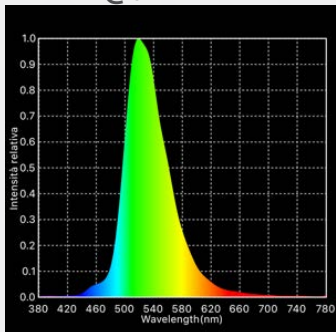
@FULL COLD



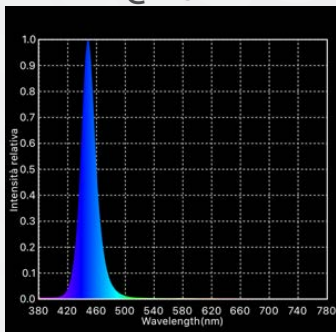
@RED



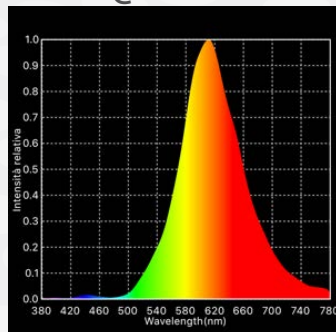
@GREEN



@BLU



@AMBER



PHOTOMETRICS

Vari-White+ Color at C.C.T. (Correlated Color Temperature) balanced to 3.200°K - 360W (CRI>94 - TLCI>95) - VW 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) | 14.921 cd | 3.730 lux 347 FC | 1.658 lux 154 FC | 597 lux 55 FC |
| S8 VW+C at 3.200°K with Medium Black H.Comb Central Light intensity (Candle Power) | 12.743 cd | 3.186 lux 296 FC | 1.416 lux 132 FC | 510 lux 47 FC |
| S8 VW+C at 3.200°K with Narrow Black H.Comb Central Light intensity (Candle Power) | 12.205 cd | 3.051 lux 283 FC | 1.356 lux 126 FC | 488 lux 45 FC |

Vari-White at C.C.T. (Correlated Color Temperature) balanced to 5.600°K - 360W (CRI>94 - TLCI>95) - VW 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) | 17.422 cd | 4.356 lux 405 FC | 1.936 lux 180 FC | 697 lux 65 FC |
| S8 VW+C at 5.600°K with Medium Black H.Comb Central Light intensity (Candle Power) | 14.878 cd | 3.720 lux 346 FC | 1.653 lux 154 FC | 595 lux 55 FC |
| S8 VW+C at 5.600°K with Narrow Black H.Comb Central Light intensity (Candle Power) | 11.509 cd | 3.563 lux 267 FC | 1.583 lux 119 FC | 570 lux 43 FC |

| | | | | |
|---|------|--------------------|--------------------|---------------------|
| Light beam Width with Beam Angle w/o accessories | 110° | 5,71 mt 18.7 ft | 8,57 mt 28.1 ft | 14,28 mt 46.9 ft |
| Light beam Height 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 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 | 55° | 2,08 mt 6.8 ft | 3,12 mt 10.2 ft | 5,21 mt 17.1 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 | 35° | 1,26 mt 4.1 ft | 1,89 mt 6.2 ft | 3,15 mt 10.3 ft |

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OPTIONALS & ACCESSORIES

| | |
|----------------------|---|
| S8VW+C.XO.DIN | adder code to order DIN Spigot |
| S8-HCN | BLACK Honeycomb for SOFT LED 8 fixtures, 1/4" black honeycomb, NARROW. |
| S8-HCM | BLACK Honeycomb for SOFT LED 8 units, 1/2" black honeycomb, MEDIUM. |
| S8-IN | Intensifier for SOFT LED 8 fixtures |
| S8-CF | Color Frame for SOFT LED 8 fixtures |
| S8-CYC | Cyclorama HOOD for asymmetrical emission of SOFT LED 8 fixtures to illuminate backgrounds & cyps. |
| TCLS8P | Remote Phosphors Panel for SOFT LED 8, with CRI>95 TUNGSTEN Balanced Correlated Color Temperature (CCT) |
| DCLS8P | Remote Phosphors Panel for SOFT LED 8, with CRI>90 DAYLIGHT Balanced Correlated Color Temperature (CCT) |
| S8MO.110.40 | Manual Operated Stirrup with B.S. spigot for SOFT LED 8 fixtures |
| S8MO.220.40 | Manual Operated stirrup (w/o spigot) for SOFT LED 8 fixtures |
| S8PO.110.40 | Pole Operated Stirrup with B.S. spigot for SOFT LED 8 fixtures |
| S8PO.300.40 | Pole Operated Stirrup with DIN spigot for SOFT LED 8 fixtures |