SOFT LED 8XL

DeSisti

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LED Softlight 400W - CRI>95
White light, either Tungsten or Daylight balanced CCT

OVERVIEW

The SOFT LED 8XL 400W is the DE SISTI answer to the increasing demand of WIDE FIXTURES for SOFTLIGHTING.

It is available with a REMOTE PHOSPHORS CCT either Tungsten balanced or Daylight balanced (CRI>95)

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
S8XLT.MO	SoftLED 8XL T - Tungsten CCT, Manual Operated
S8XLT.PO	SoftLED 8XL T - Tungsten CCT, Pole Operated
S8XLD.MO	SoftLED 8XL D - Daylight CCT, Manual Operated
S8XLD.PO	SoftLED 8XL D - Daylight CCT, Pole Operated

WHAT'S INSIDE

FIXTURE HEAD
POWERCON IN & OUT PANEL CONNECTORS.
XLR 5 Pin DMX IN & OUT PANEL CONNECTORS.
400W LED engine
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.

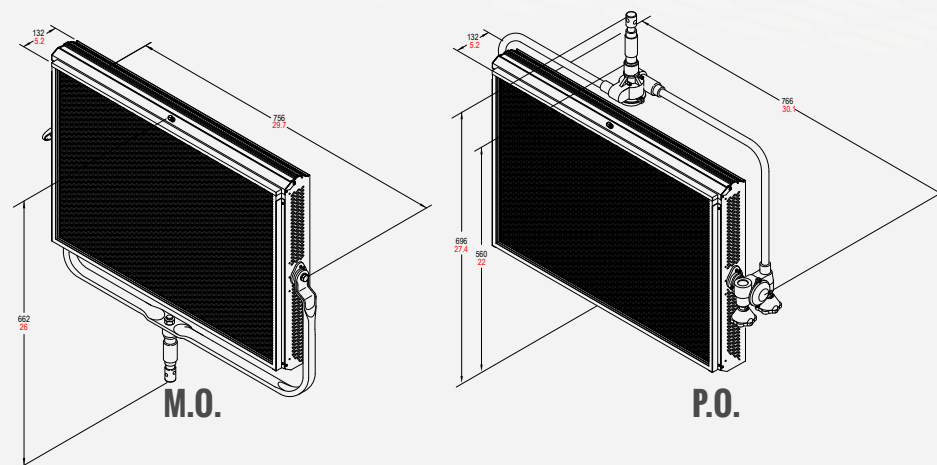DMX cable is not included, to be ordered separately

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M.O.

P.O.

FEATURES - PRELIMINARY INFO

Power to LED	*400W - DC current to the LED - flicker free*
Rated Voltage & PFC	*90-250V 50-60Hz PFC 0,96*
Power consumption	*450W @ 230V | 460W @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	*1 @ 8bit | 2 @ 16bit*
LED BOARDS Lifetime	*50.000 hours with 70% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80*
CCT	**T:** *3.200°K* **D:** *5.600°K*
CRI / TLCI	**T:** *96 / 96* **D:** *96 / 96*
Protection Type	*IP22*
Max. Housing Surface Temperature	*70° C*
Weight of Fixture with yoke (integrated PSU)	**M.O.** *19,8 Kg (43.7 lb)* **P.O.** *22,1 Kg (48.7 lb)*

FEATURES

Either Remote Phosphors Panel (interchangeable for Tungsten Or Daylight)

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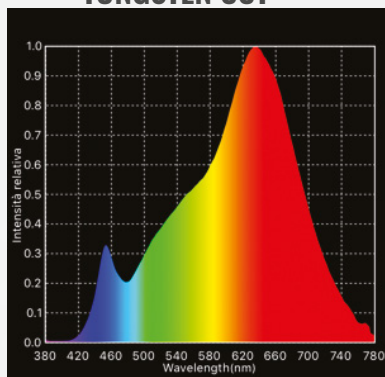
Honeycombs and intensifier accessories work perfectly to shape and control the beam spread.

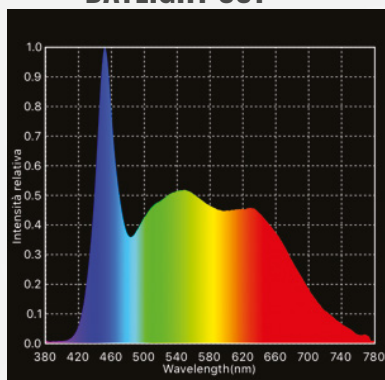*DMX daisy chaining and Power Pass Through features allow for quicker installations of the lighting system.*

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SPECTRUM

TUNGSTEN CCT

DAYLIGHT CCT

C.C.T. (Correlated Color Temperature) balanced to match 3.200°K TUNGSTEN LAMPS - 400W (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
S8XL Tungsten w/o Front Accessories Central Light intensity (Candle Power)	18.206 cd	4.552 lux 423 FC	2.023 lux 188 FC	728 lux 68 FC
S8XL Tungsten with Medium Black H.Comb Central Light intensity (Candle Power)	15.548 cd	3.887 lux 361 FC	1.728 lux 160 FC	622 lux 58 FC
S8XL Tungsten with Narrow Black H.Comb Central Light intensity (Candle Power)	14.893 cd	3.723 lux 346 FC	1.655 lux 154 FC	596 lux 55 FC

C.C.T. (Correlated Color Temperature) balanced to match 5.600°K DAYLIGHT LAMPS - 400W (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
S8XL Daylight w/o Front Accessories Central Light intensity (Candle Power)	22.219 cd	5.555 lux 516 FC	2.469 lux 229 FC	889 lux 83 FC
S8XL Daylight with Medium Black H.Comb Central Light intensity (Candle Power)	18.975 cd	4.744 lux 441 FC	2.108 lux 196 FC	759 lux 71 FC
S8XL Daylight with Narrow Black H.Comb Central Light intensity (Candle Power)	18.175 cd	4.544 lux 422 FC	2.019 lux 188 FC	727 lux 68 FC

BEAM COVERAGE ON SOFT LED 8XL - 400W

Light beam Width with Beam Angle w/o accessories	92°	4,14 mt 13.6 ft	6,21 mt 20.4 ft	10,36 mt 34.0 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

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S8XLX.XO.DIN	*adder code to order DIN Spigot*
S8XL-HCN	*BLACK Honeycomb for SOFT LED 8XL fixtures, 1/4" black honeycomb, NARROW.*
S8XL-HCM	*BLACK Honeycomb for SOFT LED 8XL units, 1/2" black honeycomb, MEDIUM.*
S8XL-IN	*Intensifier for SOFT LED 8XL fixtures*
S8XL-CF	*Color Frame for SOFT LED 8XL fixtures*
S8XL-CYC	*Cyclorama HOOD for asymmetrical emission of SOFT LED 8XL fixtures to illuminate backgrounds & cycs.*
S8XLMO.110.40	*Manual Operated Stirrup with B.S. spigot for SOFT LED 8XL fixtures*
S8XLMO.220.40	*Manual Operated stirrup (w/o spigot) for SOFT LED 8XL fixtures*
S8XLPO.110.40	*Pole Operated Stirrup with B.S. spigot for SOFT LED 8XL fixtures*
S8XLPO.300.40	*Pole Operated Stirrup with DIN spigot for SOFT LED 8XL fixtures*

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