SOFT LED 1



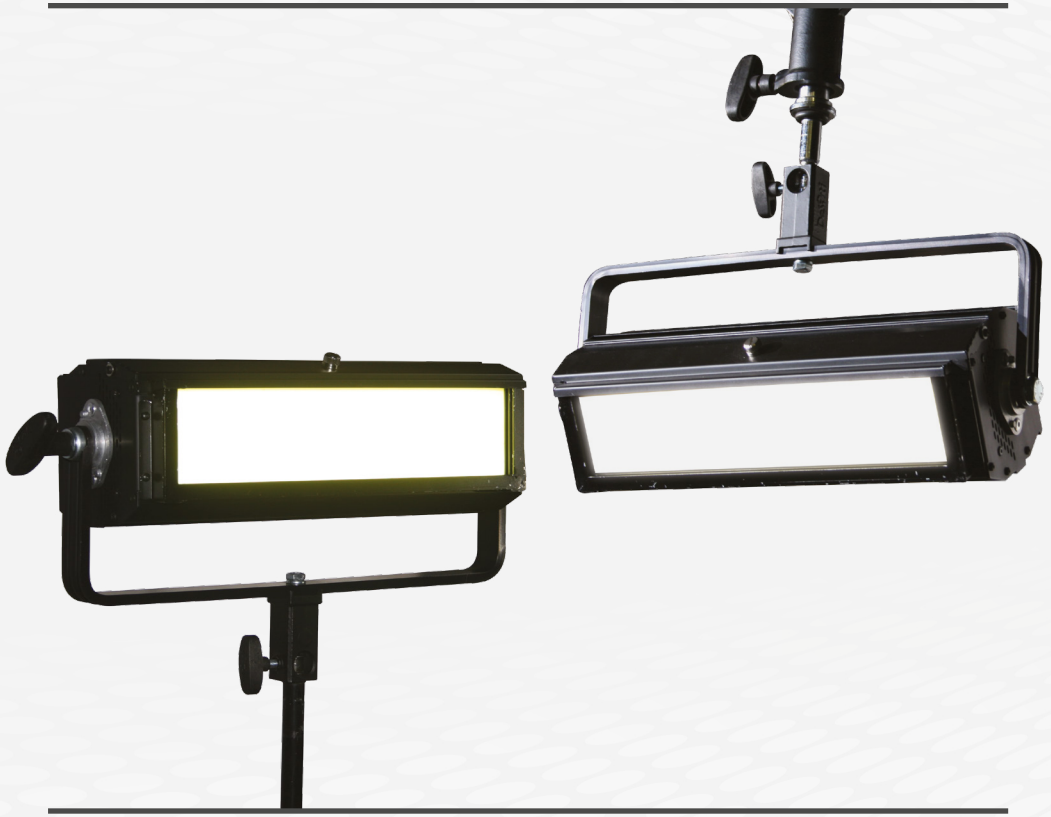
DATASHEET

DeSisti

SOFT LED 1

LED Softlight 60W - CRI>95

White light, either Tungsten or Daylight balanced



OVERVIEW

The SOFT LED 1 60W is the DE SISTI answer to the increasing demand of COMPACT FIXTURES for SOFTLIGHTING.
It is available with a FIXED WHITE 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
S1T.MO	SoftLED 1 T - Tungsten CCT, Manual Operated
S1T.PO	SoftLED 1 T - Tungsten CCT, Pole Operated
S1D.MO	SoftLED 1 D - Daylight CCT, Manual Operated
S1D.PO	SoftLED 1 D - Daylight CCT, Pole Operated

WHAT'S INSIDE

FIXTURE HEAD
POWERCON IN & OUT PANEL CONNECTORS.
XLR 5 Pin DMX IN & OUT PANEL CONNECTORS.
60W LED engine
Built In Universal Power Supply 90-250V 50/60Hz DMX controlled.

YOKES
Manual Operated Versions
Mod. S1MO.110.40 M.O. stirrup with with 16 mm. (5/8") Receiver (Socket)

Pole Operated Versions
Mod. S1MO.110.40 P.O. yoke with 28,57 mm. spigot (B.S. 1-1/8"), with top end for "C" clamp

ACCESSORIES
Mod. S1DIF Diffuser Panel for SOFT LED 1

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

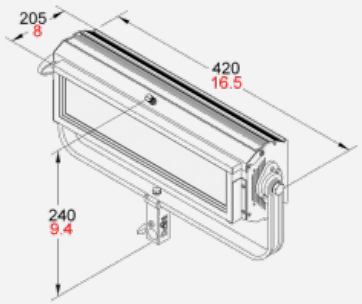
DMX cable is not included, to be ordered separately

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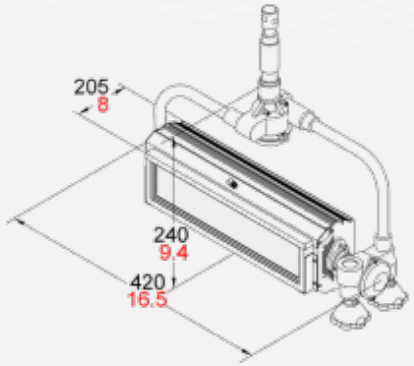
SOFT LED 1

FEATURES	
Power to LED	*60W - DC current to the LED - flicker free*
Rated Voltage & PFC	*90-250V 50-60Hz PFC 0,96*
Power consumption	*72W @ 230V | 75W @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.** *3,0 Kg (6.6 lb)* **P.O.** *4,2 Kg (9.3 lb)*

DIMENSION



M.O.



P.O.

FEATURES

Rugged and Lightweight Aluminium extrusion housing with Black Oxidation low glare finishing

DeSisti SoftLED 1 is available with D Track (Data/Power) adapters.

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.

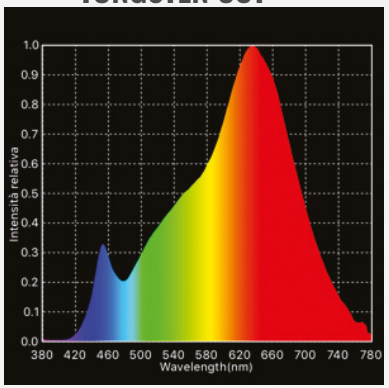
DMX daisy chaining and Power Pass Through features allow for quicker installations of the lighting system.

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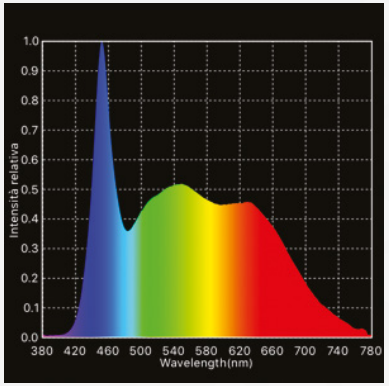
SOFT LED 1

SPECTRUM

TUNGSTEN CCT



DAYLIGHT CCT



PHOTOMETRICS

C.C.T. (Correlated Color Temperature) balanced to match 3.200°K TUNGSTEN LAMPS - 60W (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
SL1 Tungsten w/o Front Accessories Central Light intensity (Candle Power)	1.653 cd	413 lux 38 FC	184 lux 17 FC	66 lux 6 FC
SL1 Tungsten with Medium Black H.Comb Central Light intensity (Candle Power)	1.412 cd	353 lux 33 FC	157 lux 15 FC	56 lux 5 FC
SL1 Tungsten with Narrow Black H.Comb Central Light intensity (Candle Power)	1.352 cd	338 lux 31 FC	150 lux 14 FC	54 lux 5 FC

C.C.T. (Correlated Color Temperature) balanced to match 5.600°K DAYLIGHT LAMPS - 60W (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
SL1 Daylight w/o Front Accessories Central Light intensity (Candle Power)	1.943 cd	486 lux 45 FC	216 lux 20 FC	78 lux 7 FC
SL1 Daylight with Medium Black H.Comb Central Light intensity (Candle Power)	1.660 cd	415 lux 39 FC	184 lux 17 FC	66 lux 6 FC
SL1 Daylight with Narrow Black H.Comb Central Light intensity (Candle Power)	1.590 cd	397 lux 37 FC	177 lux 16 FC	64 lux 6 FC

BEAM COVERAGE ON SOFT LED 1 - 60W

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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SOFT LED 1

OPTIONALS & ACCESSORIES

S1PX.XO.DIN	*adder code to order DIN Spigot*
S1-HCN	*BLACK Honeycomb for SOFT LED 1 fixtures, 1/4" black honeycomb, NARROW.*
S1-HCM	*BLACK Honeycomb for SOFT LED 1 units, 1/2" black honeycomb, MEDIUM.*
S1-IN	*Intensifier for SOFT LED 1 fixtures*
S1-CF	*Color Frame for SOFT LED 1 fixtures*
S1-CYC	*Cyclorama HOOD for asymmetrical emission of SOFT LED 1 fixtures to illuminate backgrounds & cycs.*
S1MO.110.40	*Manual Operated Stirrup with B.S. spigot for SOFT LED 1 fixtures*
S1MO.220.40	*Manual Operated stirrup (w/o spigot) for SOFT LED 1 fixtures*
S1PO.110.40	*Pole Operated Stirrup with B.S. spigot for SOFT LED 1 fixtures*
S1PO.300.40	*Pole Operated Stirrup with DIN spigot for SOFT LED 1 fixtures*

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