Fixed White Range
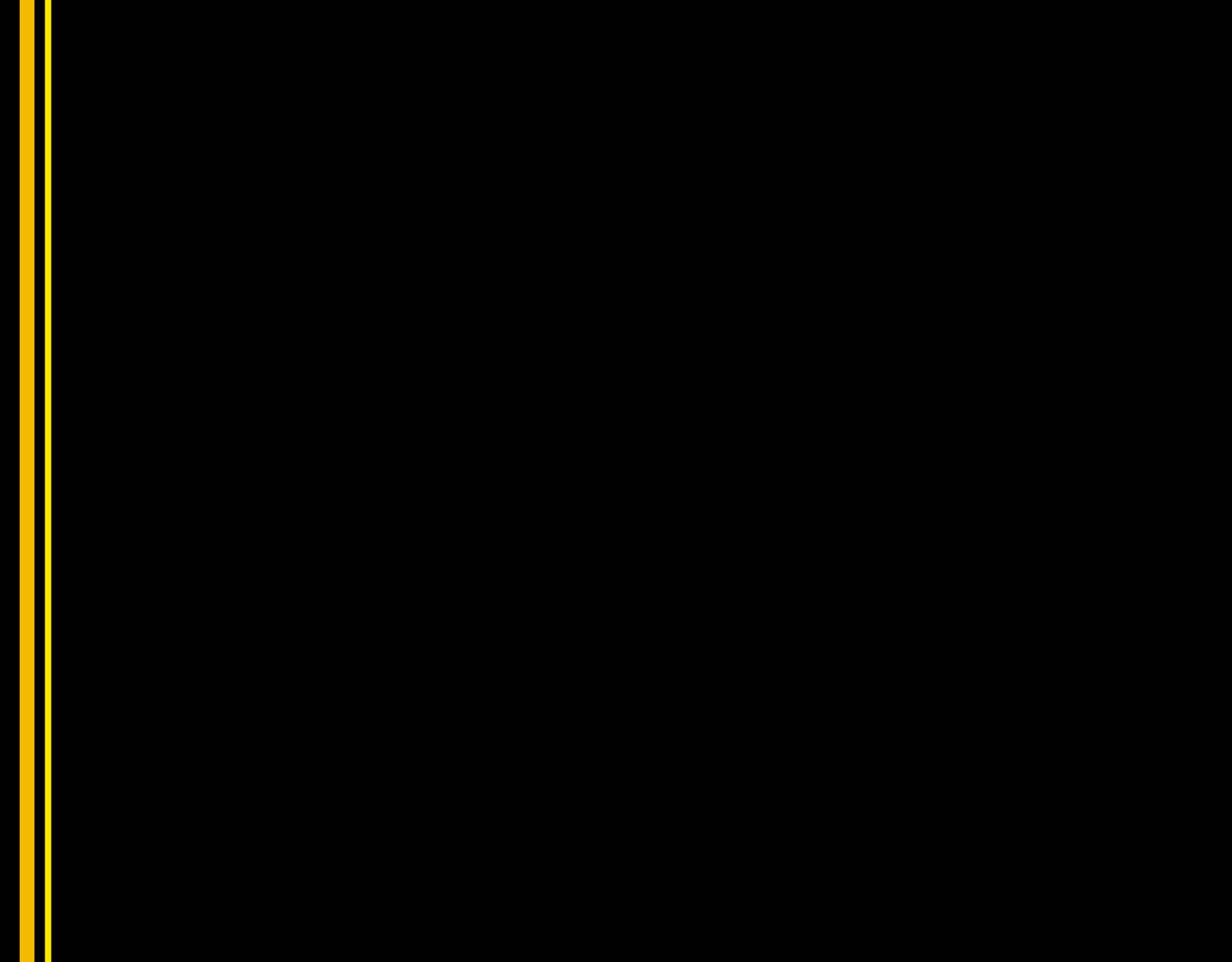
The highly acclaimed range of fixed white LED projectors by De Sisti uses highest-performing LEDs in terms of brightness, color rendering, and reliability, combined with De Sisti's internationally-patented optical system. This combination makes the De Sisti fixed white range the most high-performing in terms of brightness, efficiency and quality of emitted light, in combination with proper optical performances in terms of shadow reproduction (such as single and "hard" shadows for Fresnel) and control of light emitted from the projector (control with a barn door for Fresnel or honeycomb for SoftLED).

The selection of lighting equipment is the most extensive on the market, providing power ranges from 60W to 580W, available with lenses ranging from 80mm to 350mm (3.14" to 14") for LED Fresnel, and emitting panels ranging from 305x70mm (12"x2.75") to 580x425mm (22.8"x16.7") for SoftLEDs.

Main Features

Fresnel

// Continuous Light Output at any dimming level (no flicker at any camera speed): the LED ARRAY are supplied with DC current at any dimming level (no PWM)

// Same Photometric and Geometrical Light Beam performances as on Standard Fresnel (single shadows, appropriate focusing and barndoor control).

// CRI and TLCI Higher than 95 and Stable Colour Point Emission (no CCT SHIFT)

// Automatic Thermal Stabilisation of the LED Temperature, Complete silent operation

// Interchangeable accessories with the conventional De Sisti Range of Tungsten and HMIs

// Rain protected version available IP23 on F7, F10HP and F14HP

// All version utilize standard accessories from the De Sisti's range of equivalent Fresnel lens size, such as barn door, color frame, cones, scrims

Soft

// Continuous Light Output at any dimming level (no flicker at any camera speed): the LED ARRAY are supplied with DC current at any dimming level (no PWM)

// 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

// 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. The unit is self contained and requires no other external power supplies or devices.... both Mains and DMX connections are DAISY Chainable.

ALL VERSIONS ARE AVAILABLE IN TUNGSTEN CCT OR DAYLIGHT CCT, BOTH WITH HIGH CRI. ALL VERSIONS ARE AVAILABLE WITH MANUAL OPERATED (MO) OR POLE OPERATED (PO) YOKE

FRESNEL						
Model	F4.7 D / T	F6 D / T	F7 D / T	F10 D / T	F10 HP D / T	F14HP D / T
Power to LED	60W - DC current to the LED flicker free	120W - DC current to the LED flicker free	160W - DC current to the LED flicker free	180W - DC current to the LED flicker free	330W - DC current to the LED flicker free	580W - DC current to the LED flicker free
Lens diameter	120mm / 4.75"	150mm / 6"	175mm / 7"	250mm / 10"	250mm / 10"	350mm / 14"
Power consumption Rated Voltage & PFC	71W - 90-250V 50-60Hz PFC 0,96	141W - 90-250V 50-60Hz PFC 0,96	178W - 90-250V 50-60Hz PFC 0,96	210W - 90-250V 50-60Hz PFC 0,96	365W - 90-250V 50-60Hz PFC 0,96	630W - 90-250V 50-60Hz PFC 0,96
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.				5-pin XLR for DMX in & out. RDM control .Wireless DMX available on request (TIMO TWO) 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	60.000 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	>95 / >95					
Protection Type	IP20	IP20	IP20 / IP23 (RP VERSION)	IP20	IP20 / IP23 (RP VERSION)	IP20 / IP23 (RP VERSION)
Ambient operating Temperature	-20° C to +40°C (-4° to 104°F)					
Weight of Fixture with yoke (integrated PSU)	**M.O.** 3,5 Kg (7.7 lb) **P.O.** 5,4 Kg (11.9 lb)	**M.O.** 7,8 Kg (17.2 lb) **P.O.** 9,1 Kg (20.1 lb)	**M.O.** 7,8 Kg (17.2 lb) **P.O.** 9,1 Kg (32.5 lb)	**M.O.** 13,7 Kg (30.2 lb) **P.O.** 14,7 Kg (32.4 lb)	**M.O.** 13,7 Kg (30.2 lb) **P.O.** 14,7 Kg (32.4 lb)	**M.O.** 18,5 Kg (40.8 lb) **P.O.** 20,0 Kg (44.1 lb)
Photometrical @3m distance	**Tungsten** **SPOT (12° BA)** 4.140 Lux / 385 FC **FLOOD (44° BA)** 960 Lux / 89 FC **Daylight** **SPOT (12° BA)** 4.900 Lux / 455 FC **FLOOD (44° BA)** 1.120 Lux / 104 FC	**Tungsten** **SPOT (15° BA)** 6.500 Lux / 604 FC **FLOOD (57° BA)** 1.640 Lux / 152 FC **Daylight** **SPOT (15° BA)** 7.390 Lux / 687 FC **FLOOD (57° BA)** 1.780 Lux / 165 FC	**Tungsten** **SPOT (13° BA)** 9.200 Lux / 855 FC **FLOOD (52° BA)** 2.100 Lux / 195 FC **Daylight** **SPOT (13° BA)** 9.830 Lux / 913 FC **FLOOD (52° BA)** 2.340 Lux / 217 FC	**Tungsten** **SPOT (12° BA)** 18.900 Lux / 1,756 FC **FLOOD (55° BA)** 2.500 Lux / 232 FC **Daylight** **SPOT (12° BA)** 19.800 Lux / 1,839 FC **FLOOD (55° BA)** 2.700 Lux / 251 FC	**Tungsten** **SPOT (13° BA)** 16.200 Lux / 1,505 FC **FLOOD (54° BA)** 4.060 Lux / 377 FC **Daylight** **SPOT (13° BA)** 19.900 Lux / 1,849 FC **FLOOD (54° BA)** 4.830 Lux / 449 FC	**Tungsten** **SPOT (11° BA)** 43.986 Lux / 4,086 FC **FLOOD (52° BA)** 8.842 Lux / 821 FC **Daylight** **SPOT (11° BA)** 49.167 Lux / 4,568 FC **FLOOD (52° BA)** 9.833 Lux / 913 FC

SOFTLED						
Model	S1 D / T	S1XL D / T	S2 D / T	S2XL D / T	S4 D / T	S8 D / T	S8XL D / T
Power to LED	60W - DC current to the LED - flicker free	120W - DC current to the LED - flicker free	120W - DC current to the LED - flicker free	180W - DC current to the LED - flicker free	180W - DC current to the LED - flicker free	360W - DC current to the LED - flicker free	400W - DC current to the LED - flicker free
Rated Voltage & PFC	90-250V 50-60Hz PFC 0,96						
Power consumption	71W	141W	141W	210W	210W	400W	450W
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.					5-pin XLR for DMX in & out. RDM control .Wireless DMX available on request (TIMO TWO) 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	60.000 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	>95 / >95						
Protection Type	IP20						
Ambient operating Temperature	-20° C to +40°C (-4° to 104°F)						
Weight of Fixture with yoke (integrated PSU)	**M.O.** 3,0 Kg (6.6 lb) **P.O.** 4,2 Kg (9.3 lb)	**M.O.** 4,2 Kg (9.2 lb) **P.O.** 5,4 Kg (11.9 lb)	**M.O.** 4,1 Kg (9.0 lb) **P.O.** 5,3 Kg (11.7 lb)	**M.O.** 5,5 Kg (12.1 lb) **P.O.** 6,7 Kg (14.8 lb)	**M.O.** 5,5 Kg (12.1 lb) **P.O.** 6,7 Kg (14.8 lb)	**M.O.** 11,0 Kg (24.3 lb) **P.O.** 12,3 Kg (27.1 lb)	**M.O.** 19,8 Kg (43.7 lb) **P.O.** 22,1 Kg (48.7 lb)
Photometrical @3m distance	**BA** 92°x 60° **Tungsten** 184 Lux / 17 FC **Daylight** 216 Lux / 20 FC	**BA** 98°x 60° **Tungsten** 476 Lux / 44 FC **Daylight** 604 Lux / 56 FC	**BA** 92°x 62° **Tungsten** 455 Lux / 42 FC **Daylight** 539 Lux / 50 FC	**BA** 98°x 62° **Tungsten** 921 Lux / 86 FC **Daylight** 1.170 Lux / 109 FC	**BA** 92°x 66° **Tungsten** 678 Lux / 63 FC **Daylight** 861 Lux / 80 FC	**BA** 98°x 66° **Tungsten** 1.655 Lux / 154 FC **Daylight** 2.206 Lux / 205 FC	**BA** 98°x 76° **Tungsten** 2.023 Lux / 188 FC **Daylight** 2.469 Lux / 229 FC

▌Vari-White Range

The highly successful "De Sisti" LED Vari-White projector range maintains the same high-quality characteristics appreciated in the FIXED WHITE RANGE, while offering the added ability to control color temperature with a range of 2,700°K to 6,500°K with an enhanced CRI (Color Rendering Index) higher than 95 at any CCT within the range. Intensity adjustment allows for extremely precise and smooth control with linear and continuous CCT adjustment.

The selection of lighting equipment is the most extensive on the market, providing power ranges from 60W to 580W, available with lenses ranging from 80mm to 350mm (3.14" to 14") for LED Fresnel, and emitting panels ranging from 305x70mm (12"x2.75") to 580x425mm (22.8"x16.7") for SoftLEDs.

F7 VW

Main Features

Fresnel

// Vari-White CCT technology with a range from 2.700°K to6.500°K with CRI Greater than 95 at any CCT within the range

// Internally designed LED array and Special Patented Optics for LED Technology.

// The unit is equipped with a hinged lens door and wireguard. One of the 4 accessory brackets has a spring loaded locking knob to safely secure external accessories.

// Automatic Thermal Stabilisation of the LED Temperature, Complete silent operation

// Interchangeable accessories with the conventional De Sisti Range of Tungsten and HMIs

// Rain protected version available IP23 on F7, F10HP and F14HP

Soft

// Vari-White CCT technology with a range from 2.700°K to 6.500°Kwith CRI Greater than 95 at any CCT within the range

// 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.

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

// RDM Control

ALL VERSIONS ARE AVAILABLE WITH MANUAL OPERATED (MO) OR POLE OPERATED (PO) YOKE

FRESNEL						
Model	F4.7 VW	F6 VW	F7 VW	F10 VW	F10 HP VW	F14HP VW
Power to LED	60W - DC current to the LED flicker free	120W - DC current to the LED flicker free	160W - DC current to the LED flicker free	190W - DC current to the LED flicker free	330W - DC current to the LED flicker free	580W - DC current to the LED flicker free
Lens diameter	120mm / 4.75"	150mm / 6"	175mm / 7"	250mm / 10"	250mm / 10"	350mm / 14"
Power consumption Rated Voltage & PFC	71W - 90-250V 50-60Hz PFC 0,96	141W - 90-250V 50-60Hz PFC 0,96	178W - 90-250V 50-60Hz PFC 0,96	220W - 90-250V 50-60Hz PFC 0,96	365W - 90-250V 50-60Hz PFC 0,96	630W - 90-250V 50-60Hz PFC 0,96
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.				5-pin XLR for DMX in & out. RDM control .Wireless DMX available on request (TIMO TWO) 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	3@ 8bit | 4 @ 16bit: Dimmer/Light Intensity, CCT Control, Mode of CCT Control (steps or continous)					
LED BOARDS Lifetime	50.000 hours with 70% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80					
CCT	Tunable from 2.700°K to 6.500°K					
CRI / TLCI	>95 / >95					
Protection Type	IP20	IP20	IP20 / IP23 (RP VERSION)	IP20	IP20 / IP23 (RP VERSION)	IP20 / IP23 (RP VERSION)
Ambient operating Temperature	-20° C to +40°C (-4° to 104°F)					
Weight of Fixture with yoke (integrated PSU)	**M.O.** 3,5 Kg (7.7 lb) **P.O.** 5,4 Kg (11.9 lb)	**M.O.** 7,8 Kg (17.2 lb) **P.O.** 9,1 Kg (20.1 lb)	**M.O.** 7,8 Kg (17.2 lb) **P.O.** 9,1 Kg (32.5 lb)	**M.O.** 13,7 Kg (30.2 lb) **P.O.** 14,7 Kg (32.4 lb)	**M.O.** 13,7 Kg (30.2 lb) **P.O.** 14,7 Kg (32.4 lb)	**M.O.** 18,5 Kg (40.8 lb) **P.O.** 20,0 Kg (44.1 lb)
Photometrical @3m distance	**@2.700°K** **SPOT (12° BA)** 3.284 Lux / 496 FC **FLOOD (57° BA)** 562 Lux / 52 FC **@6.500°K** **SPOT (12° BA)** 4.078 Lux / 379 FC **FLOOD (57° BA)** 633 Lux / 59 FC	**@2.700°K** **SPOT (12° BA)** 5.870 Lux / 545 FC **FLOOD (60° BA)** 940 Lux / 87 FC **@6.500°K** **SPOT (12° BA)** 7.600 Lux / 706 FC **FLOOD (60° BA)** 1.245 Lux / 116 FC	**@2.700°K** **SPOT (13° BA)** 6.630 Lux / 616 FC **FLOOD (60° BA)** 1.130 Lux / 105 FC **@6.500°K** **SPOT (13° BA)** 8.650 Lux / 804 FC **FLOOD** 470 Lux / 137 FC	**@2.700°K** **SPOT (11° BA)** 15.300 Lux / 1.421 FC **FLOOD (53° BA)** 1.423 Lux / 132 FC **@6.500°K** **SPOT (11° BA)** 19.800 Lux / 1.839 FC **FLOOD (53° BA)** 1.900 Lux / 177 FC	**@2.700°K** **SPOT (15° BA)** 12.600 Lux / 1.171 FC **FLOOD (54° BA)** 2.840 Lux / 264 FC **@6.500°K** **SPOT (15° BA)** 17.300 Lux / 1.607 FC **FLOOD (54° BA)** 3.930 Lux / 365 FC	**@2.700°K** **SPOT (15° BA)** 21.925 Lux / 2.036 FC **FLOOD (56° BA)** 4.447 Lux / 413 FC **@6.500°K** **SPOT (15° BA)** 30.253 Lux / 2.811 FC **FLOOD (56° BA)** 6.186 Lux / 574 FC

F6 VW

F14 HP VW

SOFTLED							
Model	S1 VW	S1XL VW	S2 VW	S2XL VW	S4 VW	S8 VW	S8XL VW
Power to LED	60W - DC current to the LED - flicker free	120W - DC current to the LED - flicker free	120W - DC current to the LED - flicker free	180W - DC current to the LED - flicker free	180W - DC current to the LED - flicker free	360W - DC current to the LED - flicker free	400W - DC current to the LED - flicker free
Rated Voltage & PFC	90-250V 50-60Hz PFC 0,96						
Power consumption	71W	141W	141W	210W	210W	400W	450W
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.					5-pin XLR for DMX in & out. RDM control .Wireless DMX available on request (TIMO TWO) 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	3@ 8bit | 4 @ 16bit: Dimmer/Light Intensity, CCT Control, Mode of CCT Control (steps or continous)						
LED BOARDS Lifetime	50.000 hours with 70% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80						
CCT	Tunable from 2.700°K to 6.500°K						
CRI / TLCI	>95 / >95						
Protection Type	IP20						
Ambient operating Temperature	-20° C to +40°C (-4° to 104°F)						
Weight of Fixture with yoke (integrated PSU)	**M.O.** 3,0 Kg (6.6 lb) **P.O.** 4,2 Kg (9.3 lb)	**M.O.** 4,2 Kg (9.2 lb) **P.O.** 5,4 Kg (11.9 lb)	**M.O.** 4,1 Kg (9.0 lb) **P.O.** 5,3 Kg (11.7 lb)	**M.O.** 5,5 Kg (12.1 lb) **P.O.** 6,7 Kg (14.8 lb)	**M.O.** 5,5 Kg (12.1 lb) **P.O.** 6,7 Kg (14.8 lb)	**M.O.** 11,0 Kg (24.3 lb) **P.O.** 12,3 Kg (27.1 lb)	**M.O.** 19,8 Kg (43.7 lb) **P.O.** 22,1 Kg (48.7 lb)
Photometrical @3m distance	**BA** 92°x 60° **@2.700°K** 177 Lux / 16 FC **@6.500°K** 228 Lux / 21 FC	**BA** 98°x 60° **@2.700°K** 456 Lux / 42 FC **@6.500°K** 605 Lux / 56 FC	**BA** 92°x 62° **@2.700°K** 437 Lux / 41 FC **@6.500°K** 571 Lux / 53 FC	**BA** 98°x 62° **@2.700°K** 883 Lux / 82 FC **@6.500°K** 1.173 Lux / 109 FC	**BA** 92°x 66° **@2.700°K** 650 Lux / 60 FC **@6.500°K** 863 Lux / 80 FC	**BA** 98°x 66° **@2.700°K** 1.591 Lux / 148 FC **@6.500°K** 2.080 Lux / 193 FC	**BA** 98°x 76° **@2.700°K** 1.930 Lux / 179 FC **@6.500°K** 2.636 Lux / 245 FC

S1, S2, S4 & S8 VW

Super LED F10 SHP

The Super LED F10 SHP is a high efficiency Fresnel lens spotlight using the innovative High Power 500W internally designed LED Array, in combination with the De Sisti Internationally Patented optical system for LED Fresnel and with an enhanced CRI (Color Rendering Index) higher than 95 for appropriate chromacity performances.

The Lighting Fixture allows to reach in FULL FLOOD an ultra wide BEAM ANGLE of 78° with intensity control from 0 to 100% with a super smooth Dimming and a negligible variation of Colour Temperature while controlling the Light intensity.

The F10 SHP is available in VARI-WHITE version with CCT tunable from 2.700°K to 6.500°K or in FIXED WHITE version with either Tungsten (3.200°K) or Daylight (5.600°K) Balanced CCT (Correlated Color Temperature), in both cases with a CRI higher than 95.

The fixture combines the classical SPOT/FLOOD beam control on an equivalent FOCUS RANGE to a conventional lamp Fresnel, with an excellent barn door cutting.

It utilizes Standard accessories from the DE SISTI range of equivalent Fresnel Lens size, such as Barndoor, Color Frame, Cones, Scrims.

F10 SHP D

Introducing new powerful 470W Fresnel with 250mm (10") lens and ULTRA WIDE FLOOD 78° BA

// 250 mm. (10") diameter high quality, shock resistant Borosilicate glass Fresnel lens on spring supports.

// Rugged and lightweight Carbon Steel Housing with low glare black epoxy powder coating and reinforces internal double walls.

// High efficiency Self Stabilizing Active Cooling: automatic, thermal stabilization of the LED operating temperature is managed by an internal thermal sensor and CPU, variable speed fan and heat sink to maintain the LED Array's constant temperature at a maximum of 65°C. The hydro dynamic bearing fan operates silently with a very low RPM.

// Special Patented Optics for LED Technology.

// Helix Screw driven focus mechanism which guides Teflon bushings supported LED ENGINE along 2 rods. This ensures smooth operation during focusing in any tilting position of the fixture. The Teflon bushings also provide a wiping action, which cleans the steel guide rails during focus.

// The unit is equipped with a hinged lens door and wire guard. One of the 4 accessory brackets has a spring loaded locking knob to safely secure external accessories.

F10 SHP VW

	SUPER LED F10 SHP D / T	SUPER LED F10 SHP VW
Power to LED	470W - DC current to the LED - flicker free	
Rated Voltage & PFC	90-250V 50-60Hz PFC 0,96	
Power consumption	490W @ 230V | 490W @120V	
Power Connection	powerCON TRUE1 - IN & OUT	
DMX Data link USITT DMX512-A	5-pin XLR for DMX in & out. RDM control . 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	3@ 8bit | 4 @ 16bit
LED BOARDS Lifetime	50.000 hours with 70% Lumen Maintenance. The LED ARRAYS are tested and certified up to LM80	
CCT	**T:** 3.200°K **D:** 5.600°K	Tunable from 2.700°K to 6.500°K
CRI / TLCI	**T:** 96 / 96 **D:** 96 / 96	>95 / >95
Protection Type	IP20 / IP23 (RAIN PROTECTED VERSION)	
Ambient operating Temperature	-20° C to +40°C (-4° to 104°F)	
Weight of Fixture	**M.O.** 13,7 Kg (30.2 lb) **P.O.** 14,7 Kg (32.4 lb)	
Weight of Barndoor	4 leaf 1,1 Kg (2.43 lb) | 8 leaf 1,65 Kg (3.64 lb)	
Weight of color frame	0,15 Kg (0.33 lb)	
Lens diameter	250mm / 10"	
Photometrical @3m distance	**Tungsten** **SPOT (15° BA)** 14.300 Lux / 1,328 FC **FLOOD @58° BA** 4.195 Lux / 390 FC **FLOOD UW (78° BA)** 3.460 Lux / 321 FC **Daylight** **SPOT (15° BA)** 18.000 Lux / 1,672 FC **FLOOD @58° BA** 5.434 Lux / 504 FC **FLOOD UW (78° BA)** 4.532 Lux / 421 FC	**@2.700°K** **SPOT (15° BA)** 14.100 Lux / 1,310 FC **FLOOD @58° BA** 4.070 Lux / 378 FC **FLOOD UW (78° BA)** 3.360 Lux / 312 FC **@6.500°K** **SPOT (15° BA)** 17.800 Lux / 1,654 FC **FLOOD @58° BA** 5.200 Lux / 483 FC **FLOOD UW (78° BA)** 4.340 Lux / 403 FC

▌▌Vari-White + Color Range

De Sisti Lighting officially presents its latest and most advanced range to date, **Vari-White + Color!**

This innovative series utilizes the latest LED technologies promoting ultimate performance with extensive versatility to produce the highest quality of white light with infinite possibilities of Colors.   Offered in a full range of Fresnel and Softs, the fixtures guarantees the same light emission and quality that are the traditional hallmarks of De Sisti lights.

White Emission:
De Sisti VW+C range utilizes the same warm and cold white phosphorus high power LED that are utilized in the Bi-Color De Sisti Fixtures. We do not require mixing primary colors to produce white light and do not use lower quality middle power, plastic enclosed LED. De Sisti fixtures therefore are much brighter and feature a repeatable colour point.

Color Point Stability:
De Sisti utilizes phosphors LED also to produce colours. This is an innovative and important method to obtain the color point stability with in our fixtures.   Our color point consistency is not affected through different production batches, as product age or working in higher ambient temperatures.
Other brands utilize the traditional coloured LED, whose narrow emission in the spectrum is obtained by a selection of different semiconductor materials. This technology has a known limitation with poor colour consistency throughout production batches. Also as the LED chips age and fixtures work at different working temperatures, wide inconsistencies can occur from fixture to fixture when trying to match color output.

Same Color Point:
The reliability in obtaining the same colour point on the LED is crucial to the built-in gel/filter library. De Sisti is able to achieve the same named colors consistently and reliability from production to production and can even utilize the gels colors as if being lit with different lighting sources and color temperatures.

A completely configurable Menu Setting

Color Modalities

RGBWW
6 x Open Channels Red, Green, Blue, Amber, Warm White 2.700°K, Cold White 6.500°K.

HSI
Hue, Saturation and Intensity. This setting is a standard and a recognized control method. HSI is realized with the possibility for the user to choose the desired color space between (standard, REC709 and others upcoming) this method, differs from the standard HSI functionality by adding the ability to balance the light emission to the relevant camera in use.

X Y
This setting is a standard and recognized control method (CIE 1931) and the light emission corresponds to a XY

Coordinates over the CIE 1931 graph.

Vari-White modalities

ULTRA CRI
This function widens the VW range from 1.750°K to 14.500°K and it provides an extended Spectrum to the white emission in the black body area. The CRI and TLCI remain over 92 in even the highest and lowest color temperatures and >96 in the typical CCTs.

Vari White Classic + Correction and Color
It matches the existing Vari-White Fixtures output and quality. Only white LEDs are operating to produce the white light from 2.700 to 6.500°K. CCT correction is made with +- Green and ability to add Cyan or Amber. Colours are obtained with a hue wheel and can be combined with the white sources

GELs, FXs and SOURCEs modalities

GELs
Preset of ROSCO and LEE Filters (based on XY co-ordinates) and source CCT Selection

FXs
In this modality there are many and nice presets of effects, additionally there are tools to generate personalized ones.

SOURCEs
In this mode there is a wide library of preset Lighting SOURCES

S8 VW+C

F7 VW+C

FRESNEL

	F4.7 VW+C	F7 VW+C	F10 VW+C
Model	F4.7 VW+C	F7 VW+C	F10 VW+C
Power to LED	max 100W - DC current to the LED - flicker free	max 170W - DC current to the LED - flicker free	max 230W - DC current to the LED - flicker free
Rated Voltage & PFC	90-250V 50-60Hz PFC 0,96		
Power consumption	max 115W	max 190W	max 260W
Power Connection	powerCON IN & OUT		
DMX Data link USITT DMX512-A	5-pin XLR for DMX in & out. RDM control . Wireless DMX available on request (TIMO TWO) 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 /9- 12/13 or 39/40 - DMX chart for details		
LED BOARDS Lifetime	60.000 hours with 70% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80		
CCT	Tunable from 1.750°K to 14.500°K + RGBA color and color correction mode		
CRI / TLCI	>95 / >96		
Protection Type	IP20		
Ambient operating Temperature	-20° C to +40°C (-4° to 104°F)		
Weight of Fixture with yoke (integrated PSU)	**M.O.** 3,5 Kg (7.7 lb) **P.O.** 5,4 Kg (11.9 lb)	**M.O.** 7,8 Kg (17.2 lb) **P.O.** 9,1 Kg (20.1 lb)	**M.O.** 13,5 Kg (29.7 lb) **P.O.** 14,8 Kg (32.5 lb)
Photometrical @3m distance	**@3.200°K** **SPOT (12° BA)** 1.920 Lux / 178 FC **FLOOD (55° BA)** 606 Lux / 56 FC **@5.600°K** **SPOT (12° BA)** 2.180 Lux / 203 FC **FLOOD (55° BA)** 703 Lux / 65 FC	**@3.200°K** **SPOT (23° BA)** 2.400 Lux / 223 FC **FLOOD (64° BA)** 993 Lux / 92 FC **@5.600°K** **SPOT (23° BA)** 2.830 Lux / 263 FC **FLOOD (64° BA)** 1.170 Lux / 109 FC	**@3.200°K** **SPOT (18° BA)** 4.200 Lux / 390 FC **FLOOD (55° BA)** 1.200 Lux / 111 FC **@5.600°K** **SPOT (18° BA)** 5.490 Lux / 510 FC **FLOOD (55° BA)** 1.540 Lux / 143 FC

SOFTLED

	S2 VW+C	S4 VW+C	S8 VW+C	S2XL VW+C	S8XL VW+C
Model	S2 VW+C	S4 VW+C	S8 VW+C	S2XL VW+C	S8XL VW+C
Power to LED	max 170W - DC current to the LED - flicker free	max 230W - DC current to the LED - flicker free	max 500W - DC current to the LED - flicker free	max 230W - DC current to the LED - flicker free	max 650W - DC current to the LED - flicker free
Rated Voltage & PFC	90-250V 50-60Hz PFC 0,96				
Power consumption	max 190W	max 260W	max 560W	max 260W	max 725W
Power Connection	powerCON IN & OUT				
DMX Data link USITT DMX512-A	5-pin XLR for DMX in & out. RDM control . Wireless DMX available on request (TIMO TWO) 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 /9- 12/13 or 39/40 - DMX chart for details				
LED BOARDS Lifetime	60.000 hours with 70% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80				
CCT	Tunable from 1.750°K to 14.500°K + RGBA color and color correction mode				
CRI / TLCI	>95 / >96				
Protection Type	IP20				
Ambient operating Temperature	-20° C to +40°C (-4° to 104°F)				
Weight of Fixture with yoke (integrated PSU)	**M.O.** 4,1 Kg (9.0 lb) **P.O.** 5,3 Kg (11.7 lb)	**M.O.** 5,5 Kg (12.1 lb) **P.O.** 6,7 Kg (14.8 lb)	**M.O.** 11,0 Kg (24.3 lb) **P.O.** 12,3 Kg (27.1 lb)	**M.O.** 5,5 Kg (12.1 lb) **P.O.** 6,7 Kg (14.8 lb)	**M.O.** 19,8 Kg (43.7 lb) **P.O.** 22,1 Kg (48.7 lb)
Photometrical @3m distance	**3200°K** 525 Lux / 48.8 FC **5600°K** 631 Lux / 58.6 FC	**3200°K** 1.050 Lux / 97.5 FC **5600°K** 1.250 Lux / 116.13 FC	**3200°K** 2.380 Lux / 221.11 FC **5600°K** 2.660 Lux / 247.12 FC	**3200°K** 1.100 Lux / 102.2 FC **5600°K** 1.300 Lux / 120.8 FC	**3200°K** 2.860 Lux / 265.7 FC **5600°K** 3.331 Lux / 309.5 FC

S12 - S36

S12

S36

SOFTLED NEW MODELS		
Model	S12 VW+C	S36 VW+C
Power to LED	max 650W - DC current to the LED - flicker free	max 1.300W - DC current to the LED - flicker free
Rated Voltage & PFC	90-250V 50-60Hz PFC 0,96	
Power consumption	max 725W	max 1.450W
Power Connection	powerCON IN & OUT	
DMX Data link USITT DMX512-A	5-pin XLR for DMX in & out. RDM control . Wireless DMX available on request (TIMO TWO) 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 /9- 12/13 or 39/40 - DMX chart for details	
LED BOARDS Lifetime	60.000 hours with 70% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80	
CCT	Tunable from 1.750°K to 14.500°K + RGBA color and color correction mode	
CRI / TLCI	>95 / >96	
Protection Type	IP20	
Ambient operating Temperature	-20° C to +40°C (-4° to 104°F)	
Weight of Fixture with yoke (integrated PSU)	**With M.O. Yoke** 18,7 Kg (41.2 lb) **With Lollipop** 15,0 Kg (33.1 lb)	**M.O.** 43,0 Kg (94.8 lb)
Photometrical @3m distance	**3200°K** 2.861 Lux / 265.8 FC **5600°K** 3.333 Lux / 309.6 FC	**3200°K** 7.567 Lux / 703.0 FC **5600°K** 9.289 Lux / 863.0 FC

IILite Range

De Sisti introduces the LITE series of LED Fresnel and Soft projectors. The product range includes:

- The **S1 Lite softlight**, which features VW + RGB
- The **S2 Lite softlight**, available with either three choices of fixed white or VW
- The **F6 Lite Fresnel**, available with either three choices of fixed white or VW

S2 Lite

All projectors in the Lite series are FANLESS, making them completely silent. While ensuring the same optical beam quality, extreme precision in beam distribution, and control, as they utilize De Sisti's patented optical systems, the Lite series projectors are designed for applications such as Podcasts, Corporate Studios, Video Conferencing, Radio Studios, and other scenarios that require high-quality lighting but within limited usage distances. Of course, the price range offered by the Lite series is very competitive compared to the company's higher luminous power series.
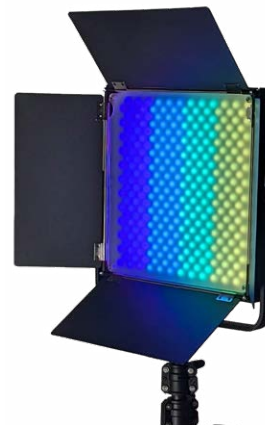
F6 Lite

FRESNEL		
Model	F6 Lite D / T	F6 Lite VW
Power to LED	45W- DC current to the LED flicker free	
Lens diameter	150mm / 6"	
Power consumption Rated Voltage & PFC	50W - 90-250V 50-60Hz PFC 0,96	
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	2@ 8bit | 3 @ 16bit: Dimmer/Light Intensity, CCT Control
LED BOARDS Lifetime	55.000 hours with 90% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80	60.000 hours with 70% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80
CCT	**T:** 3.200°K **D:** 5.600°K	Tunable from 2.700°K to 6.500°K
CRI / TLCI	**T:** 97 / 96 **D:** 96 / 97	>95 / >96
Protection Type	IP20	IP20
Ambient operating Temperature	-20° C to +40°C (-4° to 104°F)	
Weight of Fixture with yoke (integrated PSU)	**M.O.** 4,5 Kg (9.9 lb)	
Photometrical @3m distance	**Tungsten** **SPOT (8,5° BA)** 3.523 Lux / 327 FC **FLOOD (52° BA)** 448 Lux / 42 FC **Daylight** **SPOT (8,5° BA)** 4.140 Lux / 385 FC **FLOOD (52° BA)** 524 Lux / 49 FC	**@2.700°K** **SPOT (9° BA)** 1.390 Lux / 129 FC **FLOOD (63° BA)** 208 Lux / 19 FC **@6.500°K** **SPOT (9° BA)** 2.660 Lux / 247 FC **FLOOD (63° BA)** 387 Lux / 36 FC

S1 Lite VW+RGB

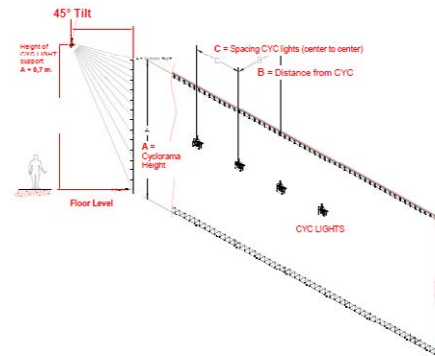| SOFTLED			
Model	S1 Lite VW+RGB	S2 Lite D / T	S2 Lite VW
Power to LED	60W - DC current to the LED - flicker free	120W - DC current to the LED - flicker free	120W - DC current to the LED - flicker free
Rated Voltage & PFC	AC: 100-240V 2A - 50-60Hz - DC: 2 pcs S1 Lite-BATT - 6600mAH Lithium battery	90-250V 50-60Hz PFC 0,96	90-250V 50-60Hz PFC 0,96
Power consumption	65W	155W	155W
Power Connection	3m cable	powerCON IN & OUT	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	from 2 to 20 channels depending on the selected mode and control zones	1 @ 8bit | 2 @ 16bit	2@ 8bit | 3 @ 16bit: Dimmer/ Light Intensity, CCT Control
LED BOARDS Lifetime	60.000 hours with 70% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80		
CCT	CCT Tunable from 2.700°K to 10.000°K - RGB: 000-360	**T:** 3.200°K **D:** 5.600°K	Tunable from 2.700°K to 6.500°K
CRI / TLCI	>94 / >96	T: >93 / >96 D: >93 / >96	CRI>93 TLCI>96
Protection Type	IP20		
Ambient operating Temperature	-20° C to +40°C (-4° to 104°F)		
Weight of Fixture with yoke (integrated PSU)	**M.O.** 1,7 Kg (3.75 lb)	**M.O.** 6,5 Kg (14.3 lb)	**M.O.** 6,5 Kg (14.3 lb)
Photometrical @3m distance	**@2.700°K** 214 Lux / 20 FC **@3.200°K** 219 Lux / 20 FC **@5.600°K** 237 Lux / 22 FC **@6.500°K** 236 Lux / 22 FC	**Tungsten** 559 Lux / 52 FC **Daylight** 653 Lux / 61 FC	**@2.700°K** 545 Lux / 51 FC **@3.200°K** 551 Lux / 51 FC **@5.600°K** 657 Lux / 61 FC **@6.500°K** 653 Lux / 61 FC

Giotto Linear VW - VW+C

The GIOTTO LINEAR is an asymmetrical LED projector designed for backdrops, ideal for illuminating Chroma Key and Cyclorama backgrounds, both as Over-Head and Ground-Row units or in a combination of both setups.

The projector's optical system modulates the emission of light intensity to achieve the necessary asymmetry for uniform backdrop illumination. The product is intended for lighting from both above (Over-Head) and below (Ground-Row), can be both VW and VW+Color, and has a very intense yet diffuse asymmetric emission, making the choice of mounting position non-critical.

Free from HOT SPOTS, the GIOTTO LINEAR allows for even lighting schemes for backdrops, even for tall setups, up to approximately 9 meters in height when using Over-Head and Ground-Row combinations.

Introducing new CYCLORAMA LED light with the proper optical performances to lit a cloth!

Height	GIOTTO VW Cold white Sensor parallel to cloth	GIOTTO VW Warm white Sensor parallel to cloth	GIOTTO VW+C Cold white Sensor parallel to cloth	GIOTTO VW+C Warm white Sensor parallel to cloth
5 m.	225 lux	175 lux	180 lux	130 lux
4,5 m.	366 lux	292 lux	313 lux	231 lux
4 m.	342 lux	268 lux	314 lux	232 lux
3,5 m.	300 lux	245 lux	292 lux	236 lux
3 m.	269 lux	206 lux	299 lux	263 lux
2,5 m.	237 lux	198 lux	246 lux	230 lux
2 m.	222 lux	179 lux	237 lux	237 lux
1,5 m.	209 lux	170 lux	265 lux	246 lux
1 m.	172 lux	130 lux	190 lux	160 lux
0,5 m.	155 lux	140 lux	165 lux	130 lux
0 m.	159 lux	135 lux	170 lux	130 lux

	GIOTTO LINEAR VW	GIOTTO LINEAR VW+C
Power to LED	180W - DC current to the LED - flicker free	max 230W - DC current to the LED - flicker free
Rated Voltage & PFC	90-250V 50-60Hz PFC 0,96 - DC48V (optiona)	
Power consumption	200W	max260W
Power Connection	powerCON - IN & OUT	
DMX Data link USITT DMX512-A	5-pin XLR for DMX in & out. RDM control . 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	2 @ 8bit | 3 @ 16bit	8 bit: 7 to 9 (depending if Mode control and Fan control are activated) 12 in Simple mode 39 in Extended mode 16 bit: 8 to 10 (depending if Mode control and Fan control are activated) 13 in Simple mode 40 in Extended mode
LED BOARDS Lifetime	50.000 hours with 80% Lumen Maintenance. The LED ARRAYS are tested and certified up to LM80	60.000 hours with 70% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80
CCT	Tunable from 2.700°K to 6.500°K	Tunable from 2.700°K to 6.500°K
CRI / TLCI	T: 96 / 96 D: 96 / 96	>95 / >95
Protection Type	IP20 / IP23 (RAIN PROTECTED VERSION)	
Ambient operating Temperature	-20° C to +40°C (-4° to 104°F)	
Weight of Fixture	M.O. 13,7 Kg (30.2 lb) P.O. 14,7 Kg (32.4 lb)	
Weight of Barndoor	4 leaf 1,1 Kg (2.43 lb) | 8 leaf 1,65 Kg (3.64 lb)	
Weight of color frame	0,15 Kg (0.33 lb)	
Lens diameter	250mm / 10"	
Photometrical @3m distance	Tungsten SPOT (15° BA) 14.300 Lux / 1,328 FC FLOOD @58° BA 4.195 Lux / 390 FC FLOOD UW (78° BA) 3.460 Lux / 321 FC Daylight SPOT (15° BA) 18.000 Lux / 1,672 FC	@2.700°K SPOT (15° BA) 14.100 Lux / 1,310 FC FLOOD @58° BA 4.070 Lux / 378 FC FLOOD UW (78° BA) 3.360 Lux / 312 FC @6.500°K SPOT (15° BA) 17.800 Lux / 1,654 FC

Light Box VW+C

SMALL

2 sizes available:

- **LED Light Box Small VW+C – max 100W**
- **LED Light Box Medium VW+C– Max 170W**

The Light Boxes VW+C Small and Medium are innovative products made to allow existing lantern or old Lamp Houses to utilize a LED super contained device to operate similarly and, therefore, be able to mix with all of the professional LED lighting fixtures in the De Sisti catalog

The Head can be remoted from the driver up to 10m with optional extension cable (standard supplied: 6m length)
Thanks to such a product it's now possible to retrofit existing architectural fittings, lampposts, chandeliers and so forth with the VW+Color De Sisti Technology

APPLICATION INSIDE OLD LANTERNS

MEDIUM

LIGHT BOX VW+C		
Model	SMALL	MEDIUM
Power to LED	max 100W - DC current to the LED - flicker free	max 170W - DC current to the LED - flicker free
Rated Voltage & PFC	90-250V 50-60Hz PFC 0,96	
Power consumption	max 115W	max 190W
Power Connection	powerCON IN & OUT	
DMX Data link USITT DMX512-A	5-pin XLR for DMX in & out. RDM control . Wireless DMX available on request (TIMO TWO) 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 /9- 12/13 or 39/40 - DMX chart for details	
LED BOARDS Lifetime	60.000 hours with 70% Lumen Maintenance. The LED BOARDS are tested and certified up to LM80	
CCT	Tunable from 1.800°K to 12.000°K + RGBA color and color correction mode	
CRI / TLCI	>95 / >96	
Protection Type	IP20	
Dimension	130 x 120 x 100 mm	5.1 x 4.7 x 3.9 inches	160 x 145 x 100 mm	6.3 x 5.7 x 3.9 inches
Ambient operating Temperature	-20° C to +40°C (-4° to 104°F)	

Piccoletto Color FLEX

The Piccoletto Flex is a Multi Optic fixture adapted to the Piccoletto Fresnel. It still offers the Fresnel spot light with spot/flood beam control but also included is a profile ellipsoidal with optics, cyc adapter and soon a soft panel adapter. The Piccoletto Flex has a quick-change ring and requires no tools. The Piccoletto flex uses a 6 COLORS LED ARRAY and with an enhanced CRI (Color Rendering Index) higher than 95 for appropriate chromacity performances.
The LED engine and controls provides the ability to tune in 360° HUE with 0-100% Saturation and to tune the Correlated Color Temperature from a minimum of 1.650°K to a maximum of 8.000°K with an enhanced CRI (Color Rendering Index) higher than 95 at any CCT within the range.

- The Lighting Fixture is DMX Controlled for:
    • 0 to 100% with a super smooth Dimming
    • CCT Control: 1.650°K to 8.000°K
    • 0-100% Saturation
    • 360° Hue selection.

ASY

- Rugged and Lightweight aluminium housing with low glare black epoxy powder coating, internal double walls and reinforces, an exact miniature of bigger lights.

PROFILE

- By using a combination of primary, secondary and tertiary colored LEDS (Red, Amber, Green, Lime, Cyan and Sapphire) it creates a more complete and even spectrum than traditional RGBW. A proprietary algorithm combines the 5 different colors into a brilliant white-balanced light and millions of saturated color combinations.

- CCT with a range from 1.650°K to 8.000°K

Space Light

The Space Light VW with +/- GREEN is a 300W fixture equipped with De Sisti Vari-White LED engine and precise +/- Green correction functionality produced with the proper LED to grant the same effect that you would have with the filters. The unit can be equipped for further diffusion with a soft skirt and as all De Sisti LED sources has been tested to be flicker free. The Driver can be removed from the back of the unit and can be remoted up to 50m distance from the light. This feature is helpful for productions when the Space Light is not easily accessible. The fixtures offer a very smooth dimming control with precise colour tuning and the +/-green correction allow users to provide have perfect colour matching. The Spacelight is available with a full set of accessories like short and long skirt with reflector and target and all the black covering options and lantern

SPACE LIGHT - NACKED

SPACE LIGHT - BACK

// The 300W Spacelight fixture is equipped with De Sisti Vari-White LED engine and precise +/- Green correction functionality produced with the proper LED to grant the same effect that you would have with the filters

// The unit can be equipped for further diffusion with a soft skirt and as all De Sisti LED sources has been tested to be flicker free

// The Driver can be removed from the back of the unit and can be remoted up to 50m distance from the light. This feature is helpful for productions when the Spacelight is not easily accessible

// The fixtures offers a very smooth dimming control with precise colour tuning and the +/-green correction allow users to provide have perfect colour matching

// The Spacelight is available with a full set of accessories like short and long skirt with reflector and target and all the black covering options and lantern

PERFORMANCES

– 300W LED equivalent to 6000W Tungsten Space LIght

– Adjustable CCT (Correlated Color Temperature) between 2700° and 6500°K with TLCI greater than 96

– Adjustable +/- Green Correction

– High resolution fine dimming control for smooth transients

– Convection cooled without fans and is completely flicker free

MECHANICAL & OPERATIONAL

– Mounting 3 point bridle or cables on eyelets or removable manual yoke

– Detachable Smart Electronics (DSE) that can be remote up to 50m. from the fixture

– A removable, quick change front disc with diffuser in case a higher output is required when using the space light with a white diffusion skirt

– The unit features built in brackets to allow stacking several fixtures on top of each other, for storage purposes

– Manual or DMX Operation

ACCESSORIES

– Traditional lighting diffusion. Full or half silk skirt and separate target

– Black Out Cloth. Full or Half

– Dome diffusion (Chinese lantern)

– Cone diffusion

– Detachable Smart Electronics extension cables (5 and 10 Meters)

– Optional Wireless DMX (CRMX Lumenradio)

– Optional Manual Yoke

SPACE LIGHT	
Power to LED	300W - DC current to the LED - flicker free
Rated Voltage & PFC	90-250V 50-60Hz PFC 0,96
Power consumption	330W @ 230V | 330W @120V
Power Connection	powerCON TRUE1 IN & OUT
DMX Data link USITT DMX512-A	5-pin XLR for DMX in & out. RDM control . 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	3: Dimmer/Light Intensity, CCT Control, Mode of CCT Control (steps or continous)
LED BOARDS Lifetime	60.000 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
CRI / TLCI	**T:** 96 / 96 **D:** 96 / 96
Protection Type	IP20
Ambient operating Temperature	-20° C to +40°C (-4° to 104°F)
Weight of Fixture with yoke (integrated PSU)	**Fixture's Head** 18 Kg (39.68 lb) **Manual Yoke** 2 Kg (4.41 lb) **PSU 5,**5 Kg (12.13 lb)
Photometrical @3m distance	**3200°K** 951 Lux / 88.4 FC **5600°K** 1.218 Lux / 113.2 FC

Super LED F20

The Super LED F20 is a high efficiency Fresnel lens spotlight using the innovative High Power 1000W
internally designed LED Array, in combination with the De Sisti Internationally Patented optical system for LED Fresnel
and with an enhanced CRI (Color Rendering Index) higher than 95 for appropriate chromacity performances.
The Lighting Fixture is DMX Controlled both wired and Wireless DMX (Lumenradio TimoTwo) from 0 to 100% with a
super smooth Dimming and a negligible variation of Colour Temperature while controlling the Light intensity.
The F20 is available with either Tungsten (3.200°K) or Daylight (5.600°K) Balanced CCT
(Correlated Color Temperature), in both cases with a CRI higher than 95.
The Device is equipped with a detachable driver that with an extension cable (optional) it can be remoted up to 50m
distance from the Head.
The fixture combines the classical SPOT/FLOOD beam control on an equivalent FOCUS RANGE to a conventional lamp
Fresnel, with an excellent barn door cutting.
It utilizes Standard accessories from the DE SISTI range of equivalent Fresnel Lens size, such as
Barndoor, Color Frame, Cones, Scrims.

F20

// 500 mm. (20") diameter high quality, shock resistant
Borosilicate glass Fresnel lens on spring supports.

// Rugged and lightweight Carbon Steel Housing with low glare
black epoxy powder coating and reinforces internal double walls.

// High efficiency Self Stabilizing Active Cooling: automatic,
thermal stabilization of the LED operating temperature
is managed by an internal thermal sensor and CPU,
variable speed fan and heat sink to maintain the LED Array's
constant temperature at a maximum of 65°C. The hydro
dynamic bearing fan operates silently with a very low RPM.

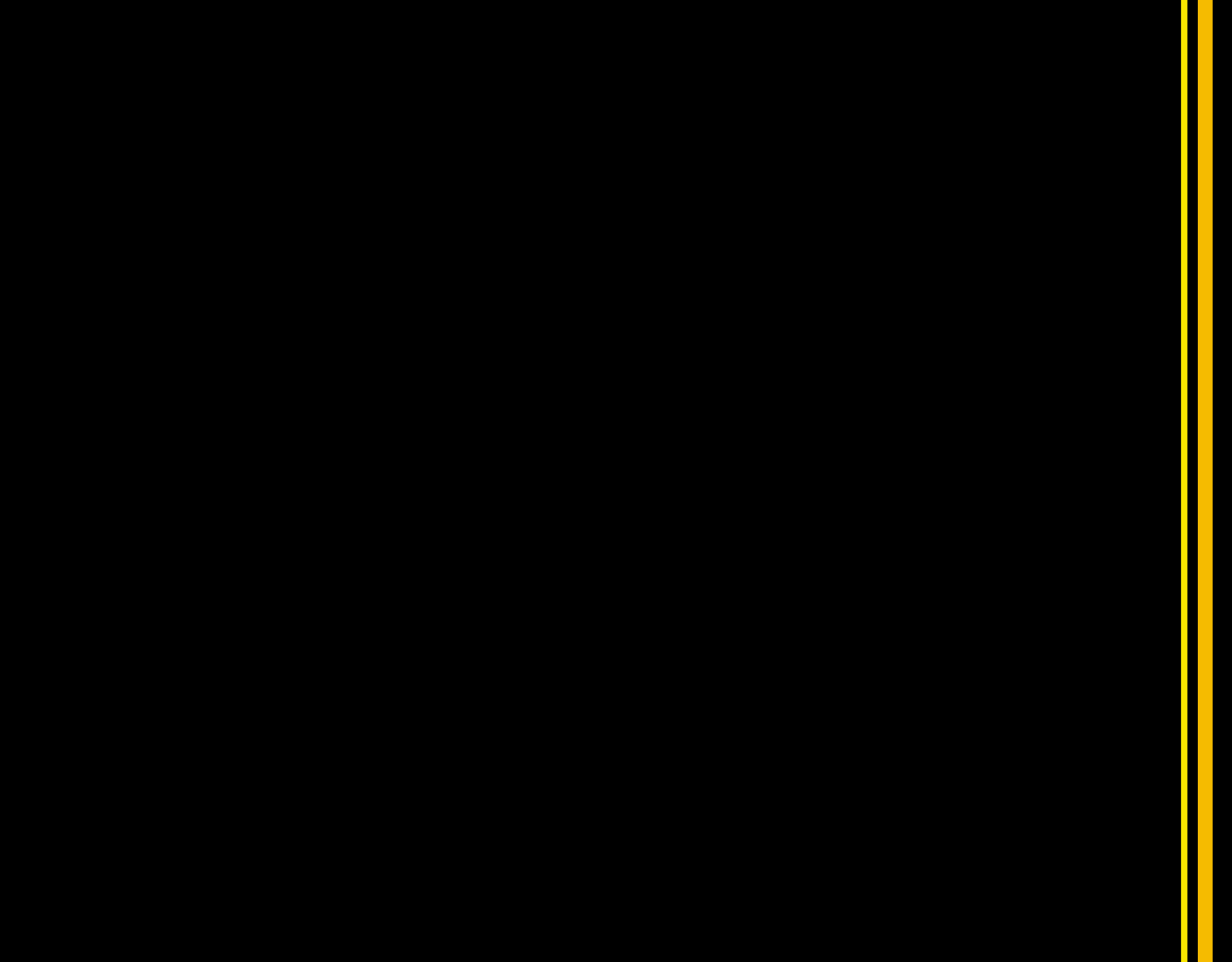// Special Patented Optics for LED Technology.

// Helix Screw driven focus mechanism which guides Teflon
bushings supported LED ENGINE along 2 rods. This ensures
smooth operation during focusing in any tilting position of the
fixture. The Teflon bushings also provide a wiping action, which
cleans the steel guide rails during focus.

// The unit is equipped with a hinged lens door and wire
guard. One of the 4 accessory brackets has a spring
loaded locking knob to safely secure external accessories.

SUPER LED F20	
Power to LED	1000W - DC current to the LED - flicker free
Rated Voltage & PFC	90-250V 50-60Hz PFC 0,96
Power consumption	1150W @ 230V | 1150W @120V
Power Connection	powerCON TRUE1 - IN & OUT
DMX Data link **USITT DMX512-A**	5-pin XLR for DMX in & out. RDM control . Wireless DMX on board(TIMO TWO) 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 ARRAYS 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	IP20
Ambient operating Temperature	-20° C to +40°C (-4° to 104°F)
Weight of Fixture	45,5 Kg (100.3 lb)
Weight of Barndoor	4 leaf 4,5 Kg (9.9 lb)
Weight of color frame	0,9 Kg (2.00 lb)
Lens diameter	500mm / 20"
Photometrical @3m distance	**Tungsten** **SPOT (14° BA)** 16.819 Lux / 1,563 FC **FLOOD (62° BA)** 2.394 Lux / 222 FC **Daylight** **SPOT (14° BA)** 19.332 Lux / 1,796 FC **FLOOD (62° BA)** 2.772 Lux / 258 FC

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