

LED FRESNELS

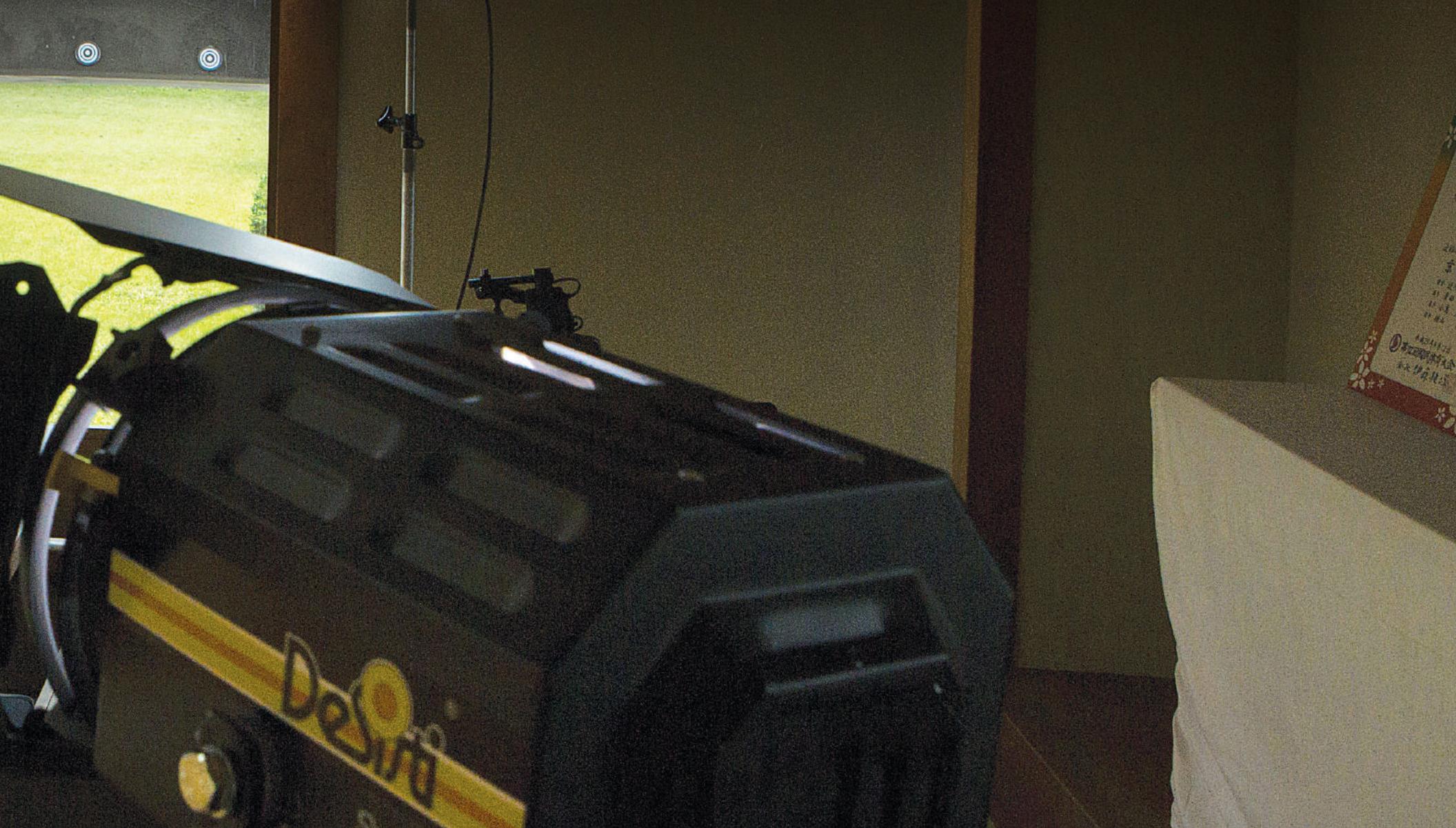


DeSisti



COMMON KEY FEATURES	4
LED FRESNEL SUPER SERIES	6
LED FRESNEL VARI-WHITE	8
LED FRESNEL RAIN PROTECTED	10
LED FRESNEL LIGHTING QUALITY FIRST	12
PRODUCTS LIST	13
Super LED F4.7 / F4.7 VARI-WHITE	14
Super LED F6 / F6 VARI-WHITE	16
Super LED F7 / F7 VARI-WHITE	18
Super LED F10 / F10 VARI-WHITE	20
Super LED F10 HP / F10 HP VARI-WHITE	22
Super LED F14	24
Super LED F14 HP / F14 HP VARI-WHITE	26





COMMON KEY FEATURES



// GLASS FRESNEL LENS

De Sisti utilizes a true Fresnel lens made of high quality, shock resistant borosilicate glass. Plastics lenses may discolor over time negatively affecting both output and color temperature. Glass is consistent, resilient to heat and offers better uniformity in beam projection.

// TRADITIONAL FRESNEL FOCUS RANGE & OUTPUT

All our Fresnels offer a Spot to Flood focus range of 8°-55°, the widest beam angle of any LED fresnel on the market.

// PATENTED OPTICS

Our internationally patented optical system optimizes the LED source. The reflector design in combination with a Fresnel lens gives us the highest optical efficiency in the industry. De Sisti is able to achieve similar outputs to our competitors with half the power requirements. Our Super LED Fresnels produce the exact light you've come to expect from a traditional Fresnel.



// HIGH COLOR QUALITY OF LIGHT

You can expect the highest color quality from De Sisti Super LED Fresnels with CRI & TLCI values above 95 throughout the range. The results ensure maximum compatibility of the light emitted by the devices with optical cameras that have no need for further adjustments.

// SILENT OPERATION, WITH THE RIGHT TEMPERATURE

We use Self Stabilizing Silent Active Cooling technology. The speed of the fan is managed by an internal thermal sensor and CPU, automatically adjusting the temperature of the LED Array to 65°C. The hydro dynamic bearing fan operates silently with a very low RPM. A unit must always be silent when it operates, not only with the fans switched off.

// UNIVERSAL PSU

De Sisti Super Fresnels are ready to use around the World with auto sensing power supplies accepting voltages from 90-250 volts.



LED FRESNEL SUPER SERIES

WHITE LIGHT, EITHER TUNGSTEN OR DAYLIGHT BALANCED



The De Sisti **LED Fresnel SUPER SERIES** offers **FIXED WHITE LED** arrays with incredible light output and quality performances.

Fixtures are available in Tungsten or Daylight balanced CCT with CRI and TLCI values higher than 96. The selection of LED Fresnels is now available from as small as 4.7" to as large as 14" (120 to 350mm lens size) and offer power ratings from 60W to 600W.

MAIN FEATURES

// Continuous light output at any dimming level. Flicker free up to 40,000 fps. We power our LED array via DC current rather than PWM technology used by our competitors.

// Same characteristics as a traditional Fresnel: single shadows, spot/flood focus range and exceptional barndoors control.

// CRI and TLCI greater than 96 with no shift in color temperature when dimming.

// High efficiency self stabilizing silent active cooling: Automatic, thermal stabilization of the LED operating temperature is managed by an internal thermal sensor and CPU, variable speed fans and heat sink to maintain the LED Array's constant temperature at a maximum of 65°C / 149°F. The hydro dynamic bearing fan operates silently with a very low RPM.

// Interchangeable accessories with our conventional range of Tungsten and HMI Fresnels

// All De Sisti Fresnel Series utilize a new Universal Voltage and "Power Factor Corrected" Power Supply (PF=0.96).



MODEL	TUNGSTEN EQUIVALENT (T VERSION)	HMI DAYLIGHT EQUIVALENT (D VERSION)
F4.7 - 60W	750W	250W
F6 - 120W	1200W	575W
F7 - 160W	1800W	More than a 575W
F10 - 180W	2500W	700W
F10HP - 330W	3500W	1200W compact
F14 - 400W	4000W	1200W standard
F14HP - 580W	5000W	1500W

• The values indicate the equivalent output power of a hypothetical traditional lamp



// Super LED F4.7

// Super LED F6

// Super LED F7

// Super LED F10 / F10 HP

// Super LED F14 / F14 HP

LED FRESNEL VARI-WHITE

ADJUSTABLE CORRELATED COLOR TEMPERATURE FROM 2800°K TO 6600°K



The Super LED Vari-White range introduces two new fixtures: F7 VW (160W) and F10HP VW (330W). The Vari-White line maintains the high efficiency De Sisti Internationally Patented optical system while providing the ability to modulate the color temperature from 2800°K to 6600°K. The light output has an enhanced CRI (Color Rendering Index) greater than 95 with continuous output throughout the color temperature range.

THE LIGHTING FIXTURE IS DMX CONTROLLED FOR:

- Super smooth dimming from 0 to 100%
- STEP MODE for CCT Control: Increments of 400°K every 10% of DMX variation
- CONTINUOUS MODE for CCT control.

The fixtures combine the classical SPOT/FLOOD beam control and excellent barndooring cutting of a conventional tungsten Fresnel.

The Fresnel range utilizes standard accessories from the De Sisti range of equivalent tungsten Fresnels such as barndoors, color frame, cones, and scrims.

MAIN FEATURES

Combine the classical SPOT/FLOOD beam control to a conventional tungsten lamp Fresnel, with

// CRI higher than 95 at any CCT throughout the range

// Universal A/C input voltage from 90-250V

// High quality, shock resistant borosilicate glass Fresnel lens on spring supports.

// Smooth 100-0% dimming via DMX 512 with no shift in color temperature

// High efficiency self stabilizing silent 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.

// Helix Screw driven focus mechanism which guides the LED engine via teflon bushings along 2 rods. This ensures smooth operation during focusing in any tilting position of the fixture.

// 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 of the lights.

// Modular design construction for maintenance and future upgrades.



// Super LED F4.7 VARI-WHITE

// Super LED F7 VARI-WHITE

// Super LED F10 HP VARI-WHITE

// Super LED F6 VARI-WHITE

// Super LED F10 VARI-WHITE

LED FRESNEL RAIN PROTECTED

IP23 RAIN PROTECTION OPTION



De Sisti LED Fresnels offer the option to have high powered and location ready fixtures with IP23 Rain Protection. This option is available on four fixtures: F7, F10HP, F14 & F14HP

HIGH POWER & HIGH LUMEN OUTPUT: these new fixtures are ideal to replace HMIs in outdoor locations without the need of an external ballast as the higher light output is able to compete with natural daylight.
IP23: Rain Protected construction to safely guarantee operation in any location environment while keeping the outstanding lighting performances and quality that characterize De Sisti LED Fresnels.

The above Key Features, combined with all the other benefits typical of De Sisti LED FRESNELS, give complete flexibility to utilize the products in any location environment. When compared to HMI (Daylight lamps) the Fresnels offer dimming to 0% via DMX or local control, minimal power requirements without any external ballasts, and CRI's in excess of 95 for both the Tungsten and Daylight Balanced CCT Versions.



MAIN FEATURES

// Fixtures are rated IP23 Rain protected. They can be used in the rain and are successfully tested at extreme ambient temperatures of (-20°C / -4°F and + 45°C / 113°F).

// Fixtures are equipped with a bottom skid and shock absorbing supports and utilize standard accessories from the De Sisti range of equivalent Fresnel lens size, such as barndoors, color frame, cones, scrims.





// Super LED F 7



// Super LED F 14 HP



// Super LED F 10HP

De Sisti LED Fresnels // Lighting quality first

When choosing a FRESNEL you expect:

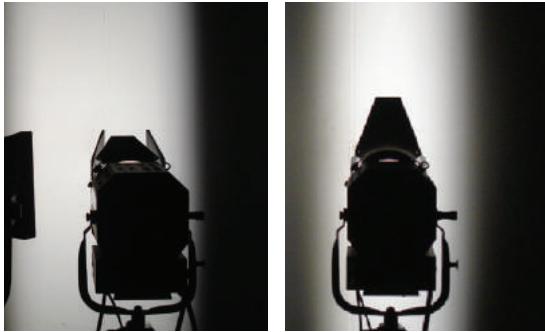
- Wide focus range from spot to flood
- Single shadows and their consistency within the Flood Field
- Even and wide Flood with excellent barndoors cuts

This is exactly what you get with the line of DE SISTI SUPER LED FRESNELS. Our internationally patented optical system optimizes the LED source. The reflector design in combination with a Fresnel lens gives us the highest optical efficiency in the industry. De Sisti is able to achieve similar outputs to our competitors with half the power requirements. Our Super LED Fresnels produce the exact light you've come to expect from a traditional Fresnel.

DE SISTI LED FRESNELS are 4K Flicker Free operation tested with
Phantom Camera model VEO 640S at 40.000 fps and 2 μ s exposure time.



The light beam shown in full flood (60deg) has a even and flat field without any hot spots or drop off.



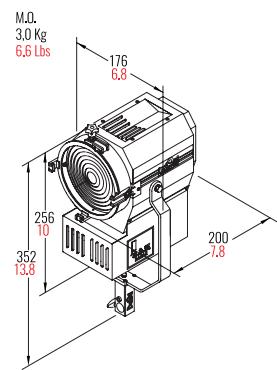
Barndoors cuts using DE SISTI LED FRESNELS matches what you see with Tungsten heads.

LED Lighting, Green Energy

These LED based products introduce Energy Savings greater than 92%. LED light engines last longer, are more durable than incandescent lighting and offer comparable or better light quality than other types of lighting. Dimmable LEDs also allow accurate color temperature and longevity over decades.



// PRODUCTS LIST



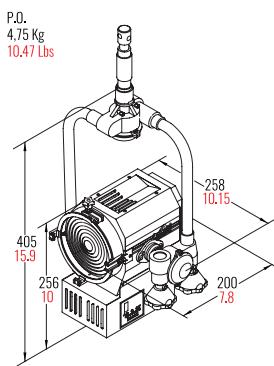
// M.O. VERSION

Mod. F4.7T. MO
Mod. F4.7D. MO
Mod. F4.7VW. MO



◀ Kit Soft case with three Super LEDs F4.7

Kit case in reinforced molded polyethilen ▶



// P.O. VERSION

Mod. F4.7T. PO
Mod. F4.7D. PO
Mod. F4.7VW. PO



SUPER LED F4.7 / F4.7 VARI-WHITE

ACCESSORIES



Colorframe



Set of scrims



8 leaf barndoor

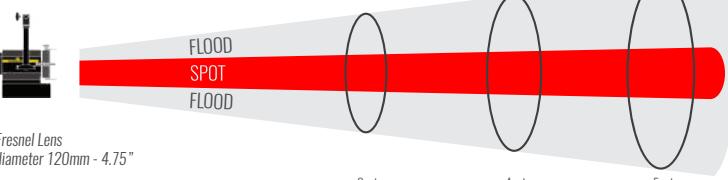


4 leaf barndoor

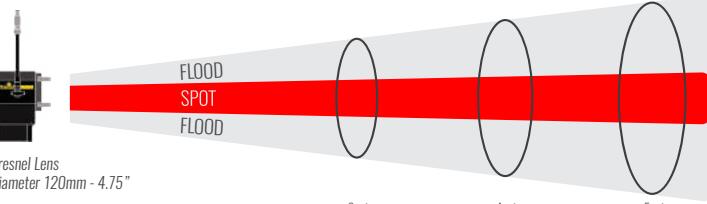


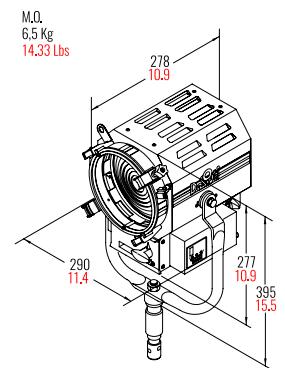
PHOTOMETRIC DATA

// SUPER LED F4.7

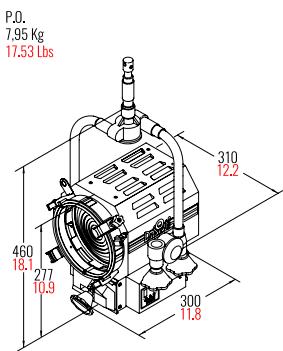
Central Light intensity (Candle Power)		Illumination center values at Distances		
3,200°K TUNGSTEN BALANCED C.C.T. (Correlated Color Temperature) - 60W (CRI 97) - TLCi: 96				
FLOOD	8,640 cd	960 lux 89 FC	540 lux 50 FC	346 lux 32 FC
SPOT	37,260 cd	4,140 lux 385 FC	2,329 lux 216 FC	1,490 lux 138 FC
5,600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 60W (CRI 98) - TLCi: 97				
FLOOD	10,080 cd	1,120 lux 104 FC	630 lux 59 FC	403 lux 37 FC
SPOT	44,100 cd	4,900 lux 455 FC	2,756 lux 256 FC	1,764 lux 164 FC
Fresnel Lens diameter 120mm - 4.75"		3 mt 9.8 ft	4 mt 13.1 ft	5 mt 16.4 ft
				
Light beam diameter with Beam Angle (50% of center value)				
FLOOD	44°	2.42 mt 8.0 ft	3.23 mt 10.6 ft	4.04 mt 13.3 ft
SPOT	12°	0.63 mt 2.1 ft	0.84 mt 2.8 ft	1.05 mt 3.4 ft
Light beam diameter with Field Angle (10% of center value)				
FLOOD	66°	3.90 mt 12.8 ft	5.20 mt 17.0 ft	6.49 mt 21.3 ft
SPOT	24°	1.28 mt 4.2 ft	1.70 mt 5.6 ft	2.13 mt 7.0 ft
LUX AT ANY DISTANCE = Candle Power: [Distance(in m.)] ²				
EC. AT ANY DISTANCE = Candle Power: [Distance(in ft)] ²				

// SUPER LED F4.7VW

Central Light intensity (Candle Power)		Illumination center values at Distances		
FULL FLOOD - C.C.T. tunable from 2,800°K to 6,600°K - 60W (CRI >95) - TLCi: 96				
FLOOD @ 2,800°K CCT	7,029 cd	781 lux 73 FC	439 lux 41 FC	291 lux 26 FC
FLOOD @ 5,600°K CCT	8,703 cd	967 lux 90 FC	544 lux 51 FC	348 lux 32 FC
FULL SPOT - C.C.T. tunable from 2,800°K to 6,600°K - 60W (CRI >95) - TLCi: 96				
SPOT @ 2,800°K CCT	30,690 cd	3,410 lux 317 FC	1,918 lux 178 FC	1,228 lux 114 FC
SPOT @ 5,600°K CCT	38,070 cd	4,230 lux 383 FC	2,329 lux 221 FC	1,523 lux 147 FC
Fresnel Lens diameter 120mm - 4.75"		3 mt 9.8 ft	4 mt 13.1 ft	5 mt 16.4 ft
				
Light beam diameter with Beam Angle (50% of center value)				
FLOOD	54°	3.06 mt 10.0 ft	4.08 mt 13.4 ft	5.10 mt 16.7 ft
SPOT	12°	0.63 mt 2.1 ft	0.84 mt 2.8 ft	1.05 mt 3.4 ft
Light beam diameter with Field Angle (10% of center value)				
FLOOD	73°	4.44 mt 14.6 ft	5.92 mt 19.4 ft	7.40 mt 24.3 ft
SPOT	23°	1.22 mt 4.0 ft	1.63 mt 5.3 ft	2.03 mt 6.7 ft
LUX AT ANY DISTANCE = Candle Power: [Distance(in m.)] ²				
EC. AT ANY DISTANCE = Candle Power: [Distance(in ft)] ²				



// M.O. VERSION
Mod. F6T. MO
Mod. F6D. MO
Mod. F6VW. MO



// P.O. VERSION
Mod. F6T. PO
Mod. F6D. PO
Mod. F6VW. PO



SUPER LED F6 / F6 VARI-WHITE

ACCESSORIES



Colorframe



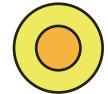
Set of scrims



8 leaf barndoors



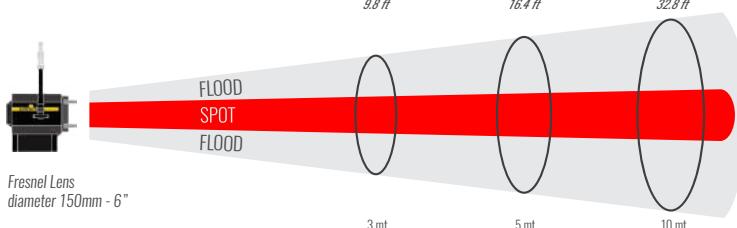
4 leaf barndoors



PHOTOMETRIC DATA

// SUPER LED F6

Central Light intensity (Candle Power) Illumination center values at Distances				
3,200°K TUNGSTEN BALANCED C.C.T. (Correlated Color Temperature) - 120W (CRI 97) - TLCI: 96				
FLOOD	14,760 cd	1,640 lux 152 FC	590 lux 55 FC	148 lux 14 FC
SPOT	58,500 cd	6,500 lux 604 FC	2,340 lux 217 FC	585 lux 54 FC
5,600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 120W (CRI 95) - TLCI: 97				
FLOOD	16,020 cd	1,780 lux 165 FC	641 lux 60 FC	160 lux 15 FC
SPOT	58,510 cd	7,390 lux 687 FC	2,660 lux 247 FC	665 lux 62 FC



Light beam diameter with Beam Angle
(50% of center value)

FLOOD	57°	3.26 mt 10.7 ft	5.43 mt 17.8 ft	10.86 mt 35.6 ft
SPOT	15°	0.79 mt 2.6 ft	1.32 mt 4.3 ft	2.63 mt 8.6 ft

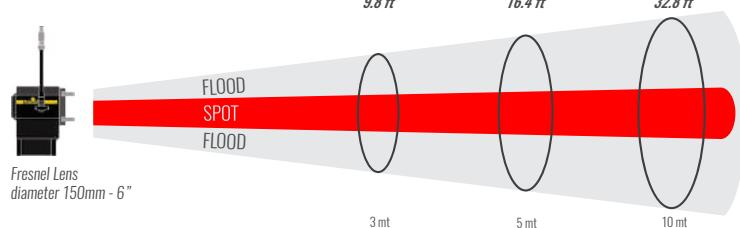
Light beam diameter with Field Angle
(10% of center value)

FLOOD	73°	4.44 mt 14.6 ft	7.40 mt 24.3 ft	14.80 mt 48.6 ft
SPOT	24°	1.28 mt 4.2 ft	2.13 mt 7.0 ft	4.25 mt 13.9 ft

LUX AT ANY DISTANCE = Candle Power: [Distance(in m.)]²

// SUPER LED F6 VW

Central Light intensity (Candle Power) Illumination center values at Distances				
FULL FLOOD - C.C.T tunable from 2,800°K to 6,600°K - 120W (CRI >95) - TLCI: 96				
FLOOD @ 2,800°K CCT	10,620 cd	1,180 lux 110 FC	425 lux 39 FC	105 lux 10 FC
FLOOD @ 5,600°K CCT	13,320 cd	1,480 lux 137 FC	533 lux 49 FC	133 lux 12 FC
FULL SPOT - C.C.T tunable from 2,800°K to 6,600°K - 120W (CRI >95) - TLCI: 96				
SPOT @ 2,800°K CCT	56,700 cd	6,300 lux 585 FC	2,268 lux 211 FC	567 lux 53 FC
SPOT @ 5,600°K CCT	71,100 cd	7,900 lux 734 FC	2,844 lux 264 FC	711 lux 66 FC



Light beam diameter with Beam Angle
(50% of center value)

FLOOD	56°	3.19 mt 10.5 ft	5.32 mt 17.4 ft	10.63 mt 34.9 ft
SPOT	14°	0.74 mt 2.4 ft	1.23 mt 4.0 ft	2.46 mt 8.1 ft

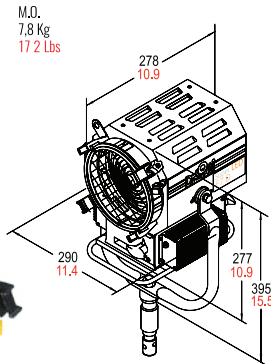
Light beam diameter with Field Angle
(10% of center value)

FLOOD	71°	4.28 mt 14.0 ft	7.13 mt 23.4 ft	14.27 mt 46.8 ft
SPOT	22°	1.17 mt 3.8 ft	1.94 mt 6.4 ft	3.89 mt 12.8 ft

LUX AT ANY DISTANCE = Candle Power: [Distance(in m.)]²

EC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]²

 RAIN PROTECTED VERSION

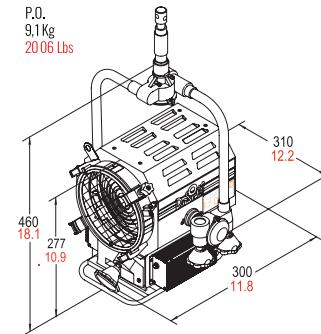


// M.O. VERSION

Mod. F7T. MO
Mod. F7D. MO
Mod. F7VW. MO



◀ Super LED F7 M.O. with barndoors



// P.O. VERSION

Mod. F7T. PO
Mod. F7D. PO
Mod. F7VW. PO



SUPER LED F7 / F7 VARI-WHITE

ACCESSORIES



Colorframe



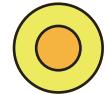
Set of scrims



8 leaf barndoors



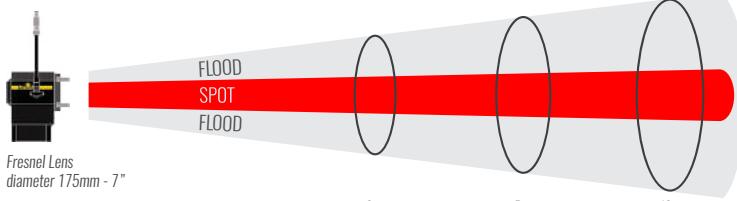
4 leaf barndoors



PHOTOMETRIC DATA

// SUPER LED F7

Central Light intensity (Candle Power) Illumination center values at Distances				
3.200°K TUNGSTEN BALANCED C.C.T. (Correlated Color Temperature) - 160W (CRI 97) - TLCI: 96				
FLOOD	18.900 cd	2.100 lux 195 FC	756 lux 70 FC	189 lux 18 FC
SPOT	82.800 cd	9.200 lux 855 FC	3.312 lux 308 FC	828 lux 77 FC
5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) 160W (CRI >95) - TLCI: 97				
FLOOD	21.000 cd	2.340 lux 217 FC	842 lux 78 FC	211 lux 20 FC
SPOT	88.470 cd	9.839 lux 913 FC	3.539 lux 328 FC	885 lux 82 FC



Light beam diameter with Beam Angle (50% of center value)				
Beam Sizes				
FLOOD	52°	2.93 mt 9.6 ft	4.88 mt 16.0 ft	9.75 mt 32.0 ft
SPOT	13°	0.68 mt 2.2 ft	1.14 mt 3.7 ft	2.28 mt 7.5 ft

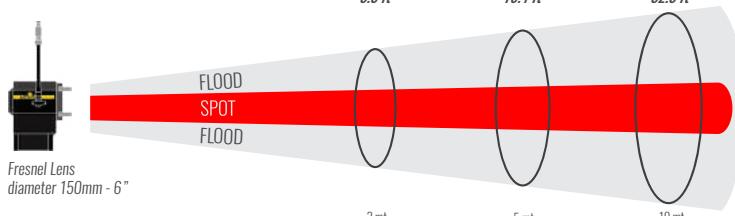
Light beam diameter with Field Angle (10% of center value)				
Beam Sizes				
FLOOD	65°	3.82 mt 12.5 ft	6.37 mt 20.9 ft	12.74 mt 41.8 ft
SPOT	23°	1.22 mt 4.0 ft	2.03 mt 6.7 ft	4.07 mt 13.3 ft

LUX AT ANY DISTANCE = Candle Power: [Distance(in m.)]²

EC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]²

// SUPER LED F7 VW

Central Light intensity (Candle Power) Illumination center values at Distances				
FULL FLOOD - C.C.T. tunable from 2.800°K to 6.600°K - 160W (CRI >95) - TLCI: 96				
FLOOD @ 2.800°K CCT	12.690 cd	1.410 lux 131 FC	508 lux 47 FC	127 lux 12 FC
FLOOD @ 5.600°K CCT	16.830 cd	1.870 lux 174 FC	673 lux 63 FC	169 lux 16 FC
FULL SPOT - C.C.T. tunable from 2.800°K to 6.600°K - 160W (CRI >95) - TLCI: 96				
SPOT @ 2.800°K CCT	64.080 cd	7.120 lux 661 FC	2.563 lux 238 FC	641 lux 60 FC
SPOT @ 5.600°K CCT	84.960 cd	9.440 lux 877 FC	3.398 lux 316 FC	850 lux 79 FC

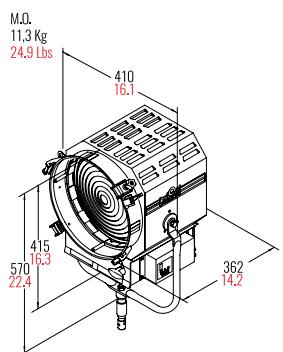


Light beam diameter with Beam Angle (50% of center value)				
Beam Sizes				
FLOOD	55°	3.12 mt 10.2 ft	5.21 mt 17.1 ft	10.41 mt 34.2 ft
SPOT	13°	0.68 mt 2.2 ft	1.14 mt 3.7 ft	2.28 mt 7.5 ft

Light beam diameter with Field Angle (10% of center value)				
Beam Sizes				
FLOOD	70°	4.20 mt 13.8 ft	7.00 mt 23.0 ft	14.00 mt 45.9 ft
SPOT	25°	1.33 mt 4.4 ft	2.22 mt 7.3 ft	4.43 mt 14.5 ft

LUX AT ANY DISTANCE = Candle Power: [Distance(in m.)]²

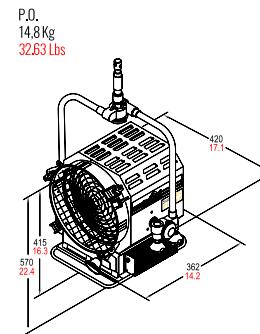
EC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]²



// M.O. VERSION
Mod. F10T. MO
Mod. F10D. MO
Mod. F10VW. MO



◀ Super LED F10 M.O. with barndoors



// P.O. VERSION
Mod. F10T. PO
Mod. F10D. PO
Mod. F10VW. PO



Super LED F10 Rear View ▶

SUPER LED F10 / F10 VARI-WHITE

ACCESSORIES



Colorframe



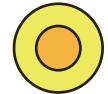
Set of scrims



8 leaf barndoors



4 leaf barndoors



PHOTOMETRIC DATA

// SUPER LED F10

Central Light intensity (Candle Power)					Illumination center values at Distances				
3,200°K TUNGSTEN BALANCED C.C.T. (Correlated Color Temperature) - 180W (CRI 97) - TLCI: 96					Illumination center values at Distances				
FLOOD					2,500 lux 232 FC	900 lux 84 FC	225 lux 21 FC		
FLOOD	22,500 cd	2,500 lux 232 FC	900 lux 84 FC	225 lux 21 FC					
SPOT					18,900 lux 1,756 FC	6,804 lux 632 FC	1,701 lux 158 FC		
SPOT	170,100 cd	18,900 lux 1,756 FC	6,804 lux 632 FC	1,701 lux 158 FC					
5,600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 180W (CRI 96) - TLCI: 97									
FLOOD					2,700 lux 261 FC	972 lux 90 FC	243 lux 23 FC		
FLOOD	24,300 cd	2,700 lux 261 FC	972 lux 90 FC	243 lux 23 FC					
SPOT					19,800 lux 1,639 FC	7,129 lux 602 FC	1,782 lux 166 FC		
SPOT	178,200 cd	19,800 lux 1,639 FC	7,129 lux 602 FC	1,782 lux 166 FC					
					3 mt 9.8 ft	5 mt 16.4 ft	10 mt 32.8 ft		
Fresnel Lens diameter 250mm - 10"									
FLOOD SPOT FLOOD									
Light beam diameter with Beam Angle (50% of center value)									
FLOOD					3.12 mt 10.2 ft	5.21 mt 17.1 ft	10.41 mt 34.2 ft		
FLOOD	55°	3.12 mt 10.2 ft	5.21 mt 17.1 ft	10.41 mt 34.2 ft					
SPOT					0.63 mt 2.1 ft	1.05 mt 3.4 ft	2.10 mt 6.9 ft		
SPOT	12°	0.63 mt 2.1 ft	1.05 mt 3.4 ft	2.10 mt 6.9 ft					
Light beam diameter with Field Angle (10% of center value)									
FLOOD					4.60 mt 15.1 ft	7.67 mt 25.2 ft	15.35 mt 50.3 ft		
FLOOD	75°	4.60 mt 15.1 ft	7.67 mt 25.2 ft	15.35 mt 50.3 ft					
SPOT					1.22 mt 4.0 ft	2.03 mt 6.7 ft	4.07 mt 13.4 ft		
SPOT	23°	1.22 mt 4.0 ft	2.03 mt 6.7 ft	4.07 mt 13.4 ft					
LUX AT ANY DISTANCE = Candle Power: [Distance(in m.)] ²									
EC. AT ANY DISTANCE = Candle Power: [Distance(in ft)] ²									

// SUPER LED F10 VW

Central Light intensity (Candle Power)					Illumination center values at Distances				
FULL FLOOD - C.C.T. tunable from 2,800°K to 6,600°K - 200W (CRI >95) - TLCI: 96					Illumination center values at Distances				
FLOOD @ 2,800°K CCT	16,290 cd	1,810 lux 168 FC	652 lux 61 FC	163 lux 15 FC					
FLOOD @ 5,600°K CCT	21,510 cd	2,390 lux 222 FC	950 lux 90 FC	235 lux 20 FC					
FULL SPOT - C.C.T. tunable from 2,800°K to 6,600°K - 200W (CRI >95) - TLCI: 96									
SPOT @ 2,800°K CCT	147,600 cd	16,400 lux 1,524 FC	5,904 lux 548 FC	1,476 lux 137 FC					
SPOT @ 5,600°K CCT	200,700 cd	22,300 lux 2,072 FC	8,028 lux 748 FC	2,007 lux 186 FC					
Fresnel Lens diameter 250mm - 10"									
FLOOD SPOT FLOOD									
Light beam diameter with Beam Angle (50% of center value)									
FLOOD					3.26 mt 10.7 ft	5.43 mt 17.8 ft	10.86 mt 35.6 ft		
FLOOD	57°	3.26 mt 10.7 ft	5.43 mt 17.8 ft	10.86 mt 35.6 ft					
SPOT					0.63 mt 2.1 ft	1.05 mt 3.4 ft	2.10 mt 6.9 ft		
SPOT	12°	0.63 mt 2.1 ft	1.05 mt 3.4 ft	2.10 mt 6.9 ft					
Light beam diameter with Field Angle (10% of center value)									
FLOOD					4.77 mt 15.7 ft	7.95 mt 26.1 ft	15.91 mt 52.2 ft		
FLOOD	77°	4.77 mt 15.7 ft	7.95 mt 26.1 ft	15.91 mt 52.2 ft					
SPOT					1.06 mt 3.5 ft	1.76 mt 5.8 ft	3.53 mt 11.6 ft		
SPOT	20°	1.06 mt 3.5 ft	1.76 mt 5.8 ft	3.53 mt 11.6 ft					
LUX AT ANY DISTANCE = Candle Power: [Distance(in m.)] ²									
EC. AT ANY DISTANCE = Candle Power: [Distance(in ft)] ²									

 RAIN PROTECTED VERSION
AVAILABLE

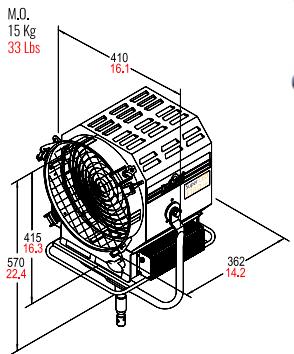


// M.O. VERSION

Mod. F10THP. MO
Mod. F10DHP. MO
Mod. F10HPVW. MO



▲ Super LED F10HP. M.O. with barndoors

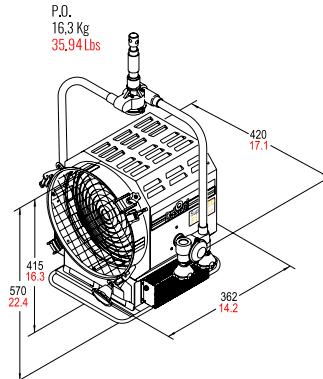


Rear view of Super LED F10HP >



// P.O. VERSION

Mod. F10THP. PO
Mod. F10DHP. PO
Mod. F10HPVW. PO



ACCESSORIES



Colorframe



Set of scrims

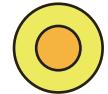


8 leaf barndoors



4 leaf barndoors

SUPER **LED F10 HP / F10 HP VARI-WHITE**



PHOTOMETRIC DATA

// SUPER LED F 10 HP

Central Light intensity (Candle Power)		Illumination center values at Distances		
3.200°K TUNGSTEN BALANCED C.C.T. (Correlated Color Temperature) - 330W (CRI 97) - TLCI: 97				
FLOOD	36.540 cd	4.060 lux 377 FC	1.462 lux 136 FC	365 lux 34 FC
SPOT	145.800 cd	16.200 lux 1,505 FC	5.832 lux 542 FC	1458 lux 135 FC
5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 330W (CRI 95) - TLCI: 95				
FLOOD	43.470 cd	4.820 lux 449 FC	1.729 lux 162 FC	435 lux 40 FC
SPOT	179.100 cd	19.900 lux 1,849 FC	7.164 lux 668 FC	1791 lux 166 FC
		3 mt 9.8 ft	5 mt 16.4 ft	10 mt 32.8 ft
Fresnel Lens diameter 250mm - 10"				
Light beam diameter with Beam Angle (50% of center value)				
FLOOD	54°	3.06 mt 10.0 ft	5.10 mt 16.7 ft	10.19 mt 33.4 ft
SPOT	13°	0.68 mt 2.2 ft	1.14 mt 3.7 ft	2.28 mt 7.5 ft
Light beam diameter with Field Angle (10% of center value)				
FLOOD	76°	4.69 mt 15.4 ft	7.81 mt 25.6 ft	15.63 mt 51.3 ft
SPOT	25°	1.33 mt 4.4 ft	2.22 mt 7.3 ft	4.43 mt 14.5 ft
LUX AT ANY DISTANCE = Candle Power: [Distance(in m.)] ²				
EC. AT ANY DISTANCE = Candle Power: [Distance(in ft)] ²				

// SUPER LED F10HP VW

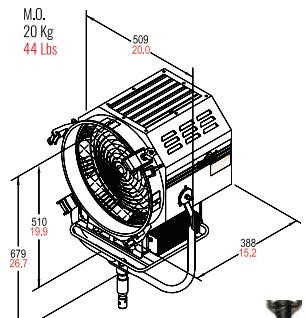
Central Light intensity (Candle Power)		Illumination center values at Distances		
FULL FLOOD - C.C.T. tunable from 2.800°K to 6.600°K - 330W (CRI >95) - TLCI: 96				
FLOOD @ 2.800°K CCT	34.830 cd	3.870 lux 360 FC	1.393 lux 129 FC	348 lux 32 FC
FLOOD @ 5.600°K CCT	41.340 cd	5.269 lux 489 FC	1.894 lux 178 FC	473 lux 44 FC
FULL SPOT - C.C.T. tunable from 2.800°K to 6.600°K - 330W (CRI >95) - TLCI: 96				
SPOT @ 2.800°K CCT	154.800 cd	17.200 lux 1,598 FC	6.192 lux 575 FC	1548 lux 144 FC
SPOT @ 5.600°K CCT	208.000 cd	23.200 lux 2,155 FC	8.352 lux 778 FC	2088 lux 194 FC
		3 mt 9.8 ft	5 mt 16.4 ft	10 mt 32.8 ft
Fresnel Lens diameter 250mm - 10"				
Light beam diameter with Beam Angle (50% of center value)				
FLOOD	54°	3.06 mt 10.0 ft	5.10 mt 16.7 ft	10.19 mt 33.4 ft
SPOT	15°	0.79 mt 2.6 ft	1.32 mt 4.3 ft	2.63 mt 8.6 ft
Light beam diameter with Field Angle (10% of center value)				
FLOOD	74°	4.52 mt 14.8 ft	7.54mt 24.7 ft	15.07mt 49.4 ft
SPOT	25°	1.33 mt 4.4 ft	2.22 mt 7.3 ft	4.43 mt 14.5 ft
LUX AT ANY DISTANCE = Candle Power: [Distance(in m.)] ²				
EC. AT ANY DISTANCE = Candle Power: [Distance(in ft)] ²				

 RAIN PROTECTED VERSION
AVAILABLE



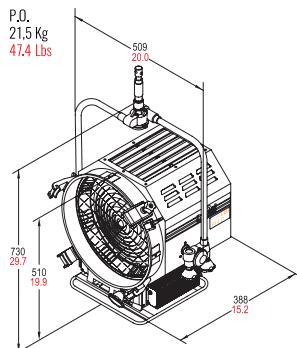
// M.O. VERSION

Mod. F14T. MO
Mod. F14D. MO
Mod. F14VW. MO



// P.O. VERSION

Mod. F14T. PO
Mod. F14D. PO
Mod. F14VW. PO



Super LED F14 - Rear View >

< Super LED F14 M.O. with barndoors



ACCESSORIES



Colorframe



Set of scrims



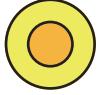
8 leaf barndoors



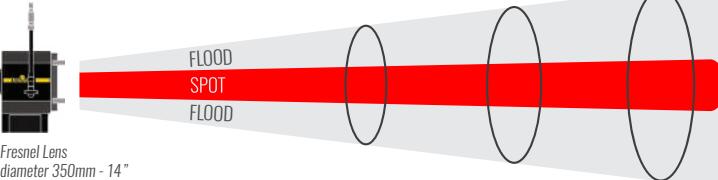
4 leaf barndoors

Tungsten & Daylight versions available
F14 > 400W

SUPER LED F14



PHOTOMETRIC DATA

// SUPER LED F14				
Central Light intensity (Candle Power)		Illumination center values at Distances		
3,200°K TUNGSTEN BALANCED C.C.T. (Correlated Color Temperature) - 400W (CRI 97) - TLCI: 96				
FLOOD	37.427 cd	1.497 lux 139 FC	374 lux 35 FC	166 lux 15 FC
SPOT	226.839 cd	9.074 lux 843 FC	2.268 lux 211 FC	1.008 lux 94 FC
5,600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 400W (CRI 95) - TLCI: 95				
FLOOD	43.308 cd	1.722 lux 161 FC	433 lux 40 FC	192 lux 18 FC
SPOT	260.640 cd	10.425 lux 869 FC	2.606 lux 242 FC	1.158 lux 108 FC
		5 mt 16.4 ft	10 mt 32.8 ft	15 mt 49.2 ft
				
Fresnel Lens diameter 350mm - 14"				
Light beam diameter with Beam Angle (50% of center value)				
FLOOD	54°	5.10 mt 16.7 ft	10.19 mt 33.4 ft	15.29 mt 50.2 ft
SPOT	12°	1.05 mt 3.4 ft	2.10 mt 6.9 ft	3.15 mt 10.3 ft
Light beam diameter with Field Angle (10% of center value)				
FLOOD	77°	7.95 mt 26.1 ft	15.91 mt 52.2 ft	23.86 mt 78.3 ft
SPOT	22°	1.94 mt 6.4 ft	3.89 mt 12.8 ft	5.83 mt 19.1 ft
LUX AT ANY DISTANCE = Candle Power: [Distance(in m)] ²				
EC. AT ANY DISTANCE = Candle Power: [Distance(in ft)] ²				



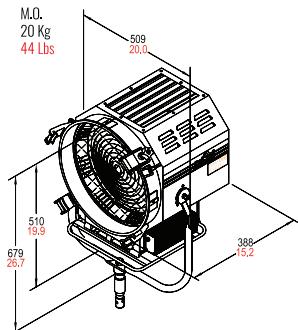
 RAIN PROTECTED VERSION

Tungsten & Daylight
versions available 580W



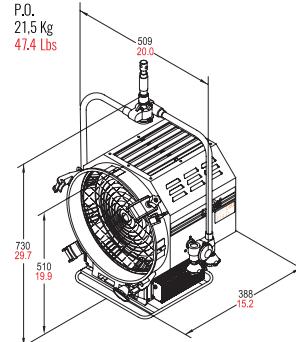
// M.O. VERSION
Mod. F14THP. MO
Mod. F14DHP. MO
Mod. F14HPVW. MO

~ Super LED F14 HP M.O. with barndoors



// P.O. VERSION

Mod. F14THP. PO
Mod. F14DHP. PO
Mod. F14HPVW. PO



Super LED F14 HP - Rear View >

ACCESSORIES



Colorframe



Set of scrims



8 leaf barndoors



4 leaf barndoors

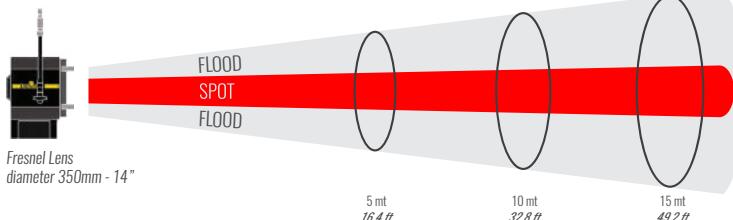
SUPER **LED F14 HP**



PHOTOMETRIC DATA

// SUPER LED F14 HP

Central Light intensity (Candle Power)		Illumination center values at Distances		
3.200°K TUNGSTEN BALANCED C.C.T. (Correlated Color Temperature) - 580W (CRI 97) - TLCI: 96				
FLOOD	84.600 cd	3.394 lux 314 FC	846 lux 79 FC	376 lux 35 FC
SPOT	490.500 cd	19.620 lux 1.823 FC	4.905 lux 456 FC	2.180 lux 203 FC
5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 580W (CRI 95) - TLCI: 95				
FLOOD	49.000 cd	2.969 lux 368 FC	990 lux 92 FC	440 lux 41 FC
SPOT	552.600 cd	22.104 lux 2.854 FC	5.526 lux 513 FC	2.456 lux 228 FC



Light beam diameter with Beam Angle
(50% of center value)

FLOOD	42°	3.84 mt 12.6 ft	7.68 mt 25.2 ft	11.52 mt 46.9 ft
SPOT	11°	0.96 mt 3.2 ft	1.93 mt 6.3 ft	2.89 mt 9.5 ft

Light beam diameter with Field Angle
(10% of center value)

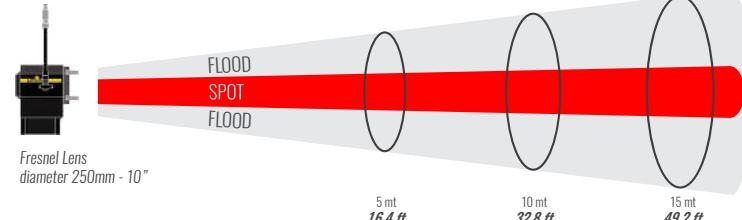
FLOOD	70°	7.00 mt 23.0 ft	14.00 mt 45.9 ft	21.01 mt 68.9 ft
SPOT	17°	1.49 mt 4.9 ft	2.99 mt 9.8 ft	4.48 mt 14.7 ft

LUX AT ANY DISTANCE = Candle Power: [Distance(in m.)]²

EC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]²

// SUPER LED F14HP VW

Central Light intensity (Candle Power)		Illumination center values at Distances		
FULL FLOOD - C.C.T. tunable from 2.800°K to 6.600°K - 580W (CRI >95) - TLCI: 96				
FLOOD @ 2.800°K CCT	49.500 cd	1.980 lux 184 FC	495 lux 46 FC	220 lux 20 FC
FLOOD @ 5.600°K CCT	64.440 cd	2.978 lux 289 FC	644 lux 60 FC	286 lux 27 FC
FULL SPOT - C.C.T. tunable from 2.800°K to 6.600°K - 580W (CRI >95) - TLCI: 96				
SPOT @ 2.800°K CCT	259.200 cd	10.368 lux 963 FC	2.592 lux 241 FC	1.152 lux 107 FC
SPOT @ 5.600°K CCT	330.300 cd	13.217 lux 1.227 FC	3.303 lux 307 FC	1.469 lux 136 FC



Light beam diameter with Beam Angle
(50% of center value)

FLOOD	52°	4.88 mt 16.0 ft	9.75 mt 32.0 ft	14.63 mt 48.0 ft
SPOT	13°	1.14 mt 3.7 ft	2.28 mt 7.5 ft	3.42 mt 11.2 ft

Light beam diameter with Field Angle
(10% of center value)

FLOOD	76°	7.81 mt 25.6 ft	15.63 mt 51.3 ft	23.44 mt 76.9 ft
SPOT	22°	1.94 mt 6.4 ft	3.89 mt 12.8 ft	5.83 mt 19.1 ft

LUX AT ANY DISTANCE = Candle Power: [Distance(in m.)]²

EC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]²

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Super LED
F7D

DIMMER



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