



# LED FRESNELS

DeSisti





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





Desire

2000  
2001  
2002  
2003  
2004  
2005  
2006  
2007  
2008  
2009  
2010  
2011  
2012  
2013  
2014  
2015  
2016  
2017  
2018  
2019  
2020  
2021  
2022  
2023  
2024  
2025  
2026  
2027  
2028  
2029  
2030  
2031  
2032  
2033  
2034  
2035  
2036  
2037  
2038  
2039  
2040  
2041  
2042  
2043  
2044  
2045  
2046  
2047  
2048  
2049  
2050  
2051  
2052  
2053  
2054  
2055  
2056  
2057  
2058  
2059  
2060  
2061  
2062  
2063  
2064  
2065  
2066  
2067  
2068  
2069  
2070  
2071  
2072  
2073  
2074  
2075  
2076  
2077  
2078  
2079  
2080  
2081  
2082  
2083  
2084  
2085  
2086  
2087  
2088  
2089  
2090  
2091  
2092  
2093  
2094  
2095  
2096  
2097  
2098  
2099  
2100

## 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 barndoor 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 barndoor cutting of a conventional tungsten Fresnel.

The Fresnel range utilizes standard accessories from the De Sisti range of equivalent tungsten Fresnels such as barndoor, 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 CRIs 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 barndoor, 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 barndoor 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  $\mu$ s exposure time.**

## GREEN 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.



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

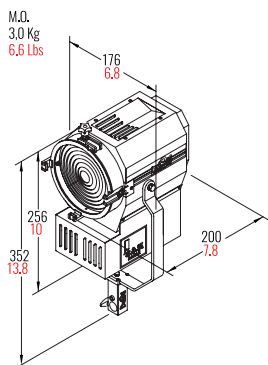


Barndoor cuts using DE SISTI LED FRESNELS matches what you see with Tungsten heads.



DeSiti  
Super LED

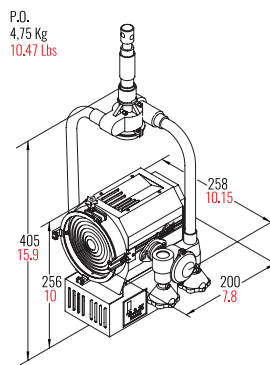
// PRODUCTS LIST



**// M.O. VERSION**  
 Mod. F4.7T. MO  
 Mod. F4.7D. MO  
 Mod. F4.7VW. MO



< Kit Soft case with three Super LEDs F4.7



**// P.O. VERSION**  
 Mod. F4.7T. PO  
 Mod. F4.7D. PO  
 Mod. F4.7VW. PO



Kit case in reinforced molded polyetenil >

## ACCESSORIES



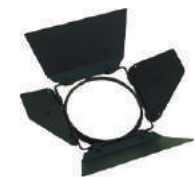
Colorframe



Set of scrims



8 leaf barndoor



4 leaf barndoor

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

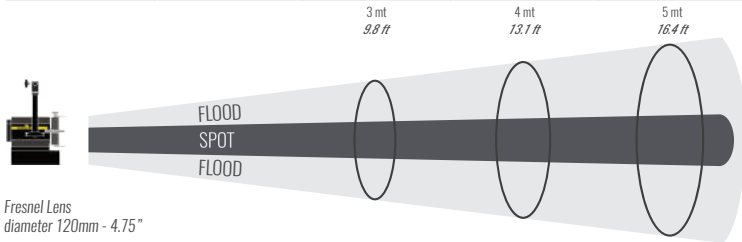


## // SUPER LED F4.7

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 <i>89 FC</i>	540 lux <i>50 FC</i>	346 lux <i>32 FC</i>
SPOT	37.260 cd	4.140 lux <i>385 FC</i>	2.329 lux <i>216 FC</i>	1.490 lux <i>138 FC</i>
5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 60W (CRI 96) - TLCI: 97				
FLOOD	10.080 cd	1.120 lux <i>104 FC</i>	630 lux <i>59 FC</i>	403 lux <i>37 FC</i>
SPOT	44.100 cd	4.900 lux <i>455 FC</i>	2.756 lux <i>256 FC</i>	1.764 lux <i>164 FC</i>



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

		3 mt <i>9.8 ft</i>	4 mt <i>13.1 ft</i>	5 mt <i>16.4 ft</i>
FLOOD	44°	2.42 mt <i>8.0 ft</i>	3.23 mt <i>10.6 ft</i>	4.04 mt <i>13.3 ft</i>
SPOT	12°	0.63 mt <i>2.1 ft</i>	0.84 mt <i>2.8 ft</i>	1.05 mt <i>3.4 ft</i>

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

		3 mt <i>9.8 ft</i>	4 mt <i>13.1 ft</i>	5 mt <i>16.4 ft</i>
FLOOD	66°	3.90 mt <i>12.8 ft</i>	5.20 mt <i>17.0 ft</i>	6.49 mt <i>21.3 ft</i>
SPOT	24°	1.28 mt <i>4.2 ft</i>	1.70 mt <i>5.6 ft</i>	2.13 mt <i>7.0 ft</i>

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

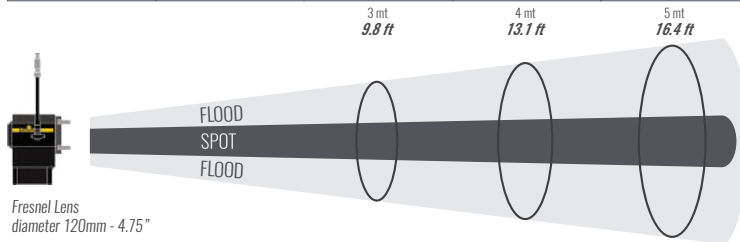
FC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]<sup>2</sup>

## // 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 <i>73 FC</i>	439 lux <i>41 FC</i>	281 lux <i>26 FC</i>
FLOOD @ 6.600°K CCT	8.703 cd	967 lux <i>90 FC</i>	544 lux <i>51 FC</i>	348 lux <i>32 FC</i>
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 <i>317 FC</i>	1.918 lux <i>178 FC</i>	1.228 lux <i>114 FC</i>
SPOT @ 6.600°K CCT	38.070 cd	4.230 lux <i>393 FC</i>	2.379 lux <i>221 FC</i>	1.523 lux <i>141 FC</i>



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

		3 mt <i>9.8 ft</i>	4 mt <i>13.1 ft</i>	5 mt <i>16.4 ft</i>
FLOOD	54°	3.06 mt <i>10.0 ft</i>	4.08 mt <i>13.4 ft</i>	5.10 mt <i>16.7 ft</i>
SPOT	12°	0.63 mt <i>2.1 ft</i>	0.84 mt <i>2.8 ft</i>	1.05 mt <i>3.4 ft</i>

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

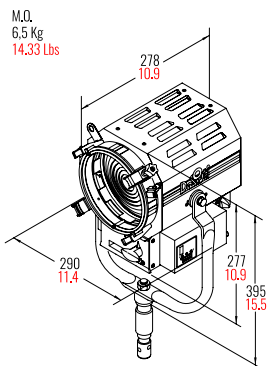
		3 mt <i>9.8 ft</i>	4 mt <i>13.1 ft</i>	5 mt <i>16.4 ft</i>
FLOOD	73°	4.44 mt <i>14.6 ft</i>	5.92 mt <i>19.4 ft</i>	7.40 mt <i>24.3 ft</i>
SPOT	23°	1.22 mt <i>4.0 ft</i>	1.63 mt <i>5.3 ft</i>	2.03 mt <i>6.7 ft</i>

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

FC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]<sup>2</sup>



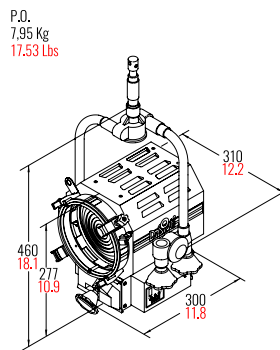
PHOTOMETRIC DATA



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



< Super LED F6 M.O. with barndoor



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



Rear view of Super LED F6 >

## ACCESSORIES



Colorframe



Set of scrims



8 leaf barndoor



4 leaf barndoor

# SUPER LED F6 / F6 VARI-WHITE

## // 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) - TlCl: 96**

<b>FLOOD</b>	14.760 cd	1.640 lux <i>152 FC</i>	590 lux <i>55 FC</i>	148 lux <i>14 FC</i>
--------------	-----------	----------------------------	-------------------------	-------------------------

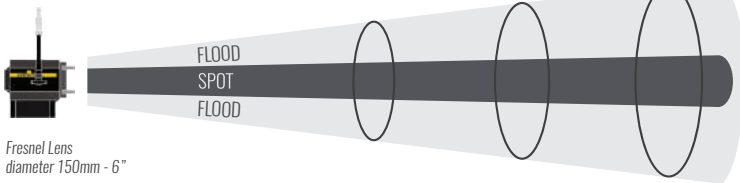
<b>SPOT</b>	58.500 cd	6.500 lux <i>604 FC</i>	2.340 lux <i>217 FC</i>	585 lux <i>54 FC</i>
-------------	-----------	----------------------------	----------------------------	-------------------------

**5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 120W (CRI 96) - TlCl: 97**

<b>FLOOD</b>	16.020 cd	1.780 lux <i>165 FC</i>	641 lux <i>60 FC</i>	160 lux <i>15 FC</i>
--------------	-----------	----------------------------	-------------------------	-------------------------

<b>SPOT</b>	66.510 cd	7.390 lux <i>687 FC</i>	2.660 lux <i>247 FC</i>	665 lux <i>62 FC</i>
-------------	-----------	----------------------------	----------------------------	-------------------------

3 mt  
*9.8 ft*      5 mt  
*16.4 ft*      10 mt  
*32.8 ft*



Fresnel Lens  
diameter 150mm - 6"

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

<b>FLOOD</b>	57°	3.26 mt <i>10.7 ft</i>	5.43 mt <i>17.8 ft</i>	10.86 mt <i>35.6 ft</i>
--------------	-----	---------------------------	---------------------------	----------------------------

<b>SPOT</b>	15°	0.79 mt <i>2.6 ft</i>	1.32 mt <i>4.3 ft</i>	2.63 mt <i>8.6 ft</i>
-------------	-----	--------------------------	--------------------------	--------------------------

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

<b>FLOOD</b>	73°	4.44 mt <i>14.6 ft</i>	7.40 mt <i>24.3 ft</i>	14.80 mt <i>48.6 ft</i>
--------------	-----	---------------------------	---------------------------	----------------------------

<b>SPOT</b>	24°	1.28 mt <i>4.2 ft</i>	2.13 mt <i>7.0 ft</i>	4.25 mt <i>13.9 ft</i>
-------------	-----	--------------------------	--------------------------	---------------------------

LLX AT ANY DISTANCE = Candle Power: [Distance(in m.)]<sup>2</sup>

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

## // SUPER LED F6 VV

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) - TlCl: 96**

<b>FLOOD @ 2.800°K CCT</b>	10.620 cd	1.180 lux <i>110 FC</i>	425 lux <i>39 FC</i>	106 lux <i>10 FC</i>
----------------------------	-----------	----------------------------	-------------------------	-------------------------

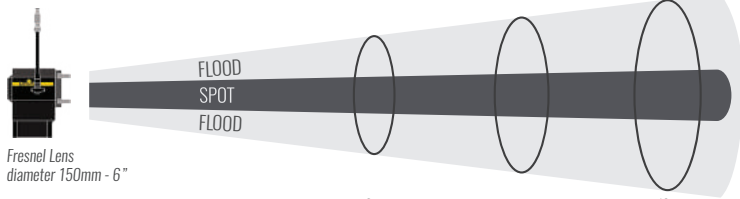
<b>FLOOD @ 6.600°K CCT</b>	13.320 cd	1.480 lux <i>137 FC</i>	533 lux <i>49 FC</i>	133 lux <i>12 FC</i>
----------------------------	-----------	----------------------------	-------------------------	-------------------------

**FULL SPOT - C.C.T. tunable from 2.800°K to 6.600°K - 120W (CRI >95) - TlCl: 96**

<b>SPOT @ 2.800°K CCT</b>	56.700 cd	6.300 lux <i>585 FC</i>	2.268 lux <i>211 FC</i>	567 lux <i>53 FC</i>
---------------------------	-----------	----------------------------	----------------------------	-------------------------

<b>SPOT @ 6.600°K CCT</b>	71.100 cd	7.900 lux <i>734 FC</i>	2.844 lux <i>264 FC</i>	711 lux <i>66 FC</i>
---------------------------	-----------	----------------------------	----------------------------	-------------------------

3 mt  
*9.8 ft*      5 mt  
*16.4 ft*      10 mt  
*32.8 ft*



Fresnel Lens  
diameter 150mm - 6"

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

<b>FLOOD</b>	56°	3.19 mt <i>10.5 ft</i>	5.32 mt <i>17.4 ft</i>	10.63 mt <i>34.9 ft</i>
--------------	-----	---------------------------	---------------------------	----------------------------

<b>SPOT</b>	14°	0.74 mt <i>2.4 ft</i>	1.23 mt <i>4.0 ft</i>	2.46 mt <i>8.1 ft</i>
-------------	-----	--------------------------	--------------------------	--------------------------

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

<b>FLOOD</b>	71°	4.28 mt <i>14.0 ft</i>	7.13 mt <i>23.4 ft</i>	14.27 mt <i>46.8 ft</i>
--------------	-----	---------------------------	---------------------------	----------------------------

<b>SPOT</b>	22°	1.17 mt <i>3.8 ft</i>	1.94 mt <i>6.4 ft</i>	3.89 mt <i>12.8 ft</i>
-------------	-----	--------------------------	--------------------------	---------------------------

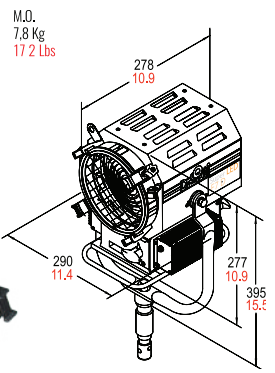
LLX AT ANY DISTANCE = Candle Power: [Distance(in m.)]<sup>2</sup>

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



PHOTOMETRIC DATA

**RAIN PROTECTED VERSION AVAILABLE**



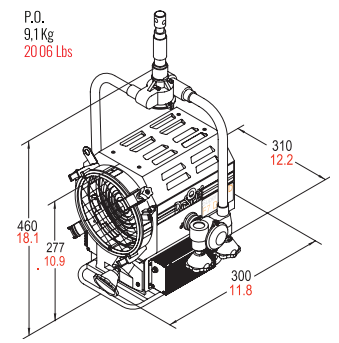
**// M.O. VERSION**  
Mod. F7T. MO  
Mod. F7D. MO  
Mod. F7VW. MO



< Super LED F7 M.O. with barndoor



Rear view of Super LED F7 >



**// P.O. VERSION**  
Mod. F7T. PO  
Mod. F7D. PO  
Mod. F7VW. PO



### ACCESSORIES



Colorframe



Set of scrims



8 leaf barndoor



4 leaf barndoor

## SUPER LED F7 / F7 VARI-WHITE

## // SUPER LED F7

Central Light intensity (Candle Power)

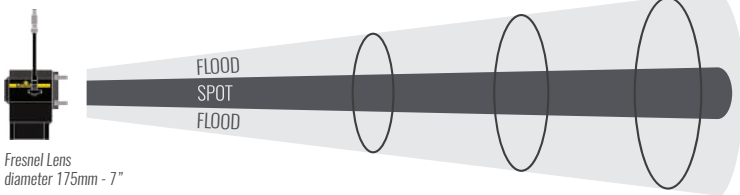
Illumination center values at Distances

**3.200°K TUNGSTEN BALANCED C.C.T. (Correlated Color Temperature) - 160W (CRI 97) - TLCI: 96**

	18.900 cd	2.100 lux <i>195 FC</i>	756 lux <i>70 FC</i>	189 lux <i>18 FC</i>
<b>FLOOD</b>				
<b>SPOT</b>	82.800 cd	9.200 lux <i>855 FC</i>	3.312 lux <i>308 FC</i>	828 lux <i>77 FC</i>

**5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) 160W (CRI 96) - TLCI: 97**

	21.060 cd	2.340 lux <i>217 FC</i>	842 lux <i>78 FC</i>	211 lux <i>20 FC</i>
<b>FLOOD</b>				
<b>SPOT</b>	88.470 cd	9.830 lux <i>913 FC</i>	3.539 lux <i>329 FC</i>	885 lux <i>82 FC</i>



Fresnel Lens  
diameter 175mm - 7"

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

Beam Sizes

	52°	2.93 mt <i>9.6 ft</i>	4.88 mt <i>16.0 ft</i>	9.75 mt <i>32.0 ft</i>
<b>FLOOD</b>				
<b>SPOT</b>	13°	0.68 mt <i>2.2 ft</i>	1.14 mt <i>3.7 ft</i>	2.28 mt <i>7.5 ft</i>

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

	65°	3.82 mt <i>12.5 ft</i>	6.37 mt <i>20.9 ft</i>	12.74 mt <i>41.8 ft</i>
<b>FLOOD</b>				
<b>SPOT</b>	23°	1.22 mt <i>4.0 ft</i>	2.03 mt <i>6.7 ft</i>	4.07 mt <i>13.3 ft</i>

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

FC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]<sup>2</sup>

## // SUPER LED F7VW

Central Light intensity (Candle Power)

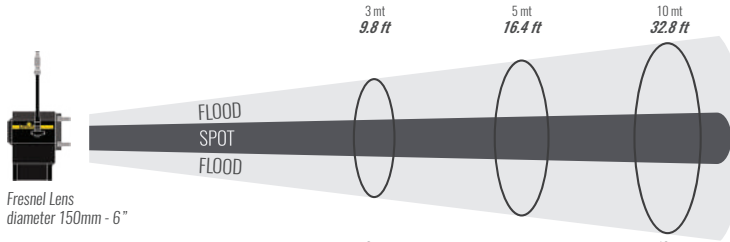
Illumination center values at Distances

**FULL FLOOD - C.C.T. tunable from 2.800°K to 6.600°K - 160W (CRI >95) - TLCI: 96**

	12.690 cd	1.410 lux <i>131 FC</i>	508 lux <i>47 FC</i>	127 lux <i>12 FC</i>
<b>FLOOD @ 2.800°K CCT</b>				
<b>FLOOD @ 6.600°K CCT</b>	16.830 cd	1.870 lux <i>174 FC</i>	673 lux <i>63 FC</i>	168 lux <i>16 FC</i>

**FULL SPOT - C.C.T. tunable from 2.800°K to 6.600°K - 160W (CRI >95) - TLCI: 96**

	64.080 cd	7.120 lux <i>661 FC</i>	2.563 lux <i>238 FC</i>	641 lux <i>60 FC</i>
<b>SPOT @ 2.800°K CCT</b>				
<b>SPOT @ 6.600°K CCT</b>	84.960 cd	9.440 lux <i>877 FC</i>	3.398 lux <i>316 FC</i>	850 lux <i>79 FC</i>



Fresnel Lens  
diameter 150mm - 6"

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

Beam Sizes

	55°	3.12 mt <i>10.2 ft</i>	5.21 mt <i>17.1 ft</i>	10.41 mt <i>34.2 ft</i>
<b>FLOOD</b>				
<b>SPOT</b>	13°	0.68 mt <i>2.2 ft</i>	1.14 mt <i>3.7 ft</i>	2.28 mt <i>7.5 ft</i>

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

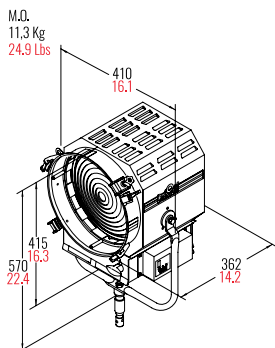
	70°	4.20 mt <i>13.8 ft</i>	7.00 mt <i>23.0 ft</i>	14.00 mt <i>45.9 ft</i>
<b>FLOOD</b>				
<b>SPOT</b>	25°	1.33 mt <i>4.4 ft</i>	2.22 mt <i>7.3 ft</i>	4.43 mt <i>14.5 ft</i>

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

FC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]<sup>2</sup>



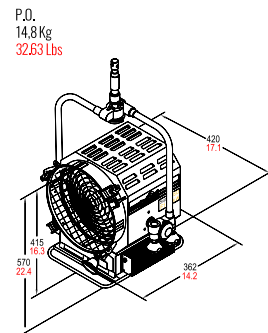
PHOTOMETRIC DATA



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



< Super LED F10 M.O. with barndoor >



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



Super LED F10 Rear View >

## ACCESSORIES



Colorframe



Set of scrims



8 leaf barndoor



4 leaf barndoor

# SUPER LED F10 / F10 VARI-WHITE

## // 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**

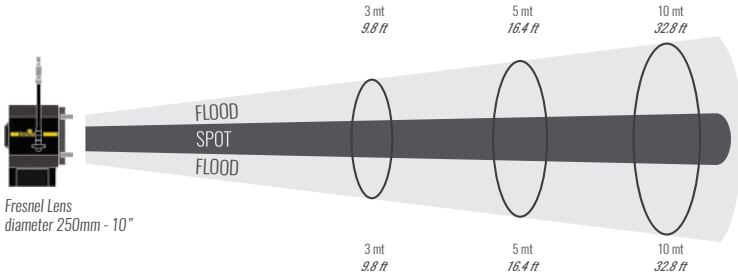
<b>FLOOD</b>	22.500 cd	2.500 lux <i>232 FC</i>	900 lux <i>84 FC</i>	225 lux <i>21 FC</i>
--------------	-----------	----------------------------	-------------------------	-------------------------

<b>SPOT</b>	170.100 cd	18.900 lux <i>1,756 FC</i>	6.804 lux <i>632 FC</i>	1.701 lux <i>158 FC</i>
-------------	------------	-------------------------------	----------------------------	----------------------------

**5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 180W (CRI 96) - TLCI: 97**

<b>FLOOD</b>	24.300 cd	2.700 lux <i>251 FC</i>	972 lux <i>90 FC</i>	243 lux <i>23 FC</i>
--------------	-----------	----------------------------	-------------------------	-------------------------

<b>SPOT</b>	178.200 cd	19.800 lux <i>1,839 FC</i>	7.128 lux <i>662 FC</i>	1.782 lux <i>166 FC</i>
-------------	------------	-------------------------------	----------------------------	----------------------------



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

Beam Sizes

<b>FLOOD</b>	55°	3,12 mt <i>10.2 ft</i>	5,21 mt <i>17.1 ft</i>	10,41 mt <i>34.2 ft</i>
--------------	-----	---------------------------	---------------------------	----------------------------

<b>SPOT</b>	12°	0,63 mt <i>2.1 ft</i>	1,05 mt <i>3.4 ft</i>	2,10 mt <i>6.9 ft</i>
-------------	-----	--------------------------	--------------------------	--------------------------

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

<b>FLOOD</b>	75°	4,60 mt <i>15.1 ft</i>	7,67 mt <i>25.2 ft</i>	15,35 mt <i>50.3 ft</i>
--------------	-----	---------------------------	---------------------------	----------------------------

<b>SPOT</b>	23°	1,22 mt <i>4.0 ft</i>	2,03 mt <i>6.7 ft</i>	4,07 mt <i>13.4 ft</i>
-------------	-----	--------------------------	--------------------------	---------------------------

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

FC. AT ANY DISTANCE = Candle Power: [Distance(in ft.)]<sup>2</sup>

## // SUPER LED F10 W

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**

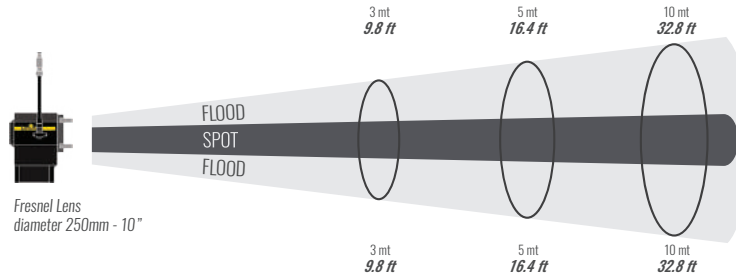
<b>FLOOD @ 2.800°K CCT</b>	16.290 cd	1.810 lux <i>168 FC</i>	652 lux <i>61 FC</i>	163 lux <i>15 FC</i>
----------------------------	-----------	----------------------------	-------------------------	-------------------------

<b>FLOOD @ 6.600°K CCT</b>	21.510 cd	2.390 lux <i>222 FC</i>	860 lux <i>80 FC</i>	215 lux <i>20 FC</i>
----------------------------	-----------	----------------------------	-------------------------	-------------------------

**FULL SPOT - C.C.T. tunable from 2.800°K to 6.600°K - 200W (CRI >95) - TLCI: 96**

<b>SPOT @ 2.800°K CCT</b>	147.600 cd	16.400 lux <i>1,524 FC</i>	5.904 lux <i>548 FC</i>	1.476 lux <i>137 FC</i>
---------------------------	------------	-------------------------------	----------------------------	----------------------------

<b>SPOT @ 6.600°K CCT</b>	200.700 cd	22.300 lux <i>2,072 FC</i>	8.028 lux <i>746 FC</i>	2.007 lux <i>186 FC</i>
---------------------------	------------	-------------------------------	----------------------------	----------------------------



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

Beam Sizes

<b>FLOOD</b>	57°	3,26 mt <i>10.7 ft</i>	5,43 mt <i>17.8 ft</i>	10,86 mt <i>35.6 ft</i>
--------------	-----	---------------------------	---------------------------	----------------------------

<b>SPOT</b>	12°	0,63 mt <i>2.1 ft</i>	1,05 mt <i>3.4 ft</i>	2,10 mt <i>6.9 ft</i>
-------------	-----	--------------------------	--------------------------	--------------------------

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

<b>FLOOD</b>	77°	4,77 mt <i>15.7 ft</i>	7,95 mt <i>26.1 ft</i>	15,91 mt <i>52.2 ft</i>
--------------	-----	---------------------------	---------------------------	----------------------------

<b>SPOT</b>	20°	1,06 mt <i>3.5 ft</i>	1,76 mt <i>5.8 ft</i>	3,53 mt <i>11.6 ft</i>
-------------	-----	--------------------------	--------------------------	---------------------------

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

FC. AT ANY DISTANCE = Candle Power: [Distance(in ft.)]<sup>2</sup>



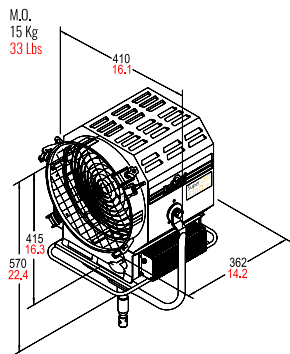
PHOTOMETRIC DATA

**RAIN PROTECTED VERSION AVAILABLE**



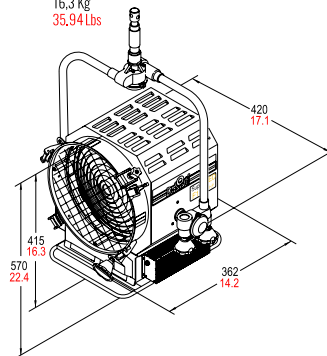
▲ Super LED F10HP M.O. with barndoor

**// M.O. VERSION**  
 Mod. F10THP. MO  
 Mod. F10DHP. MO  
 Mod. F10HPVW. MO



**// P.O. VERSION**  
 Mod. F10THP. PO  
 Mod. F10DHP. PO  
 Mod. F10HPVW. PO

P.O.  
 16.3 Kg  
 35.94 Lbs



Rear view of Super LED F10HP >



**ACCESSORIES**



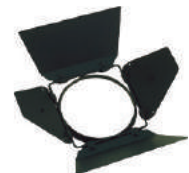
Colorframe



Set of scrims



8 leaf barndoor



4 leaf barndoor

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

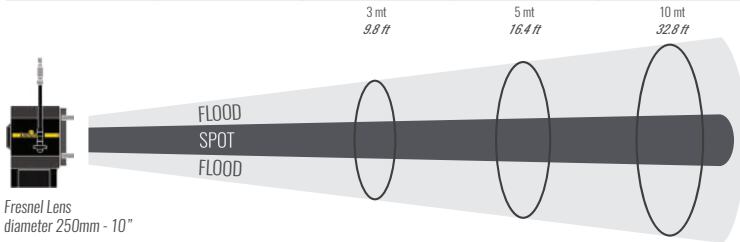


## // SUPER LED F 10 HP

Central Light intensity (Candle Power)

Illumination center values at Distances

3.200°K TUNGSTEN BALANCED C.C.T. (Correlated Color Temperature) - 330W (CRI 97) - TlCl: 97				
FLOOD	36.540 cd	4.060 lux <i>377 FC</i>	1.462 lux <i>136 FC</i>	365 lux <i>34 FC</i>
SPOT	145.800 cd	16.200 lux <i>1,505 FC</i>	5.832 lux <i>542 FC</i>	1.458 lux <i>135 FC</i>
5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 330W (CRI 95) - TlCl: 95				
FLOOD	43.470 cd	4.830 lux <i>449 FC</i>	1.739 lux <i>162 FC</i>	435 lux <i>40 FC</i>
SPOT	179.100 cd	19.900 lux <i>1,849 FC</i>	7.164 lux <i>666 FC</i>	1.791 lux <i>166 FC</i>



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

	Beam Angle	3 mt <i>9.8 ft</i>	5 mt <i>16.4 ft</i>	10 mt <i>32.8 ft</i>
FLOOD	54°	3.06 mt <i>10.0 ft</i>	5.10 mt <i>16.7 ft</i>	10.19 mt <i>33.4 ft</i>
SPOT	13°	0.68 mt <i>2.2 ft</i>	1.14 mt <i>3.7 ft</i>	2.28 mt <i>7.5 ft</i>

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

	Field Angle	3 mt <i>9.8 ft</i>	5 mt <i>16.4 ft</i>	10 mt <i>32.8 ft</i>
FLOOD	76°	4.69 mt <i>15.4 ft</i>	7.81 mt <i>25.6 ft</i>	15.63 mt <i>51.3 ft</i>
SPOT	25°	1.33 mt <i>4.4 ft</i>	2.22 mt <i>7.3 ft</i>	4.43 mt <i>14.5 ft</i>

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

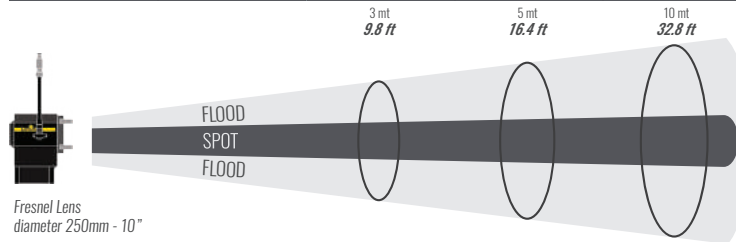
FC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]<sup>2</sup>

## // 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) - TlCl: 96				
FLOOD @ 2.800°K CCT	34.830 cd	3.870 lux <i>360 FC</i>	1.393 lux <i>129 FC</i>	348 lux <i>32 FC</i>
FLOOD @ 6.600°K CCT	47.340 cd	5.260 lux <i>489 FC</i>	1.894 lux <i>176 FC</i>	473 lux <i>44 FC</i>
FULL SPOT - C.C.T. tunable from 2.800°K to 6.600°K - 330W (CRI >95) - TlCl: 96				
SPOT @ 2.800°K CCT	154.800 cd	17.200 lux <i>1,598 FC</i>	6.192 lux <i>575 FC</i>	1.548 lux <i>144 FC</i>
SPOT @ 6.600°K CCT	208.800 cd	23.200 lux <i>2,155 FC</i>	8.352 lux <i>776 FC</i>	2.088 lux <i>194 FC</i>



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

	Beam Angle	3 mt <i>9.8 ft</i>	5 mt <i>16.4 ft</i>	10 mt <i>32.8 ft</i>
FLOOD	54°	3.06 mt <i>10.0 ft</i>	5.10 mt <i>16.7 ft</i>	10.19 mt <i>33.4 ft</i>
SPOT	15°	0.79 mt <i>2.6 ft</i>	1.32 mt <i>4.3 ft</i>	2.63 mt <i>8.6 ft</i>

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

	Field Angle	3 mt <i>9.8 ft</i>	5 mt <i>16.4 ft</i>	10 mt <i>32.8 ft</i>
FLOOD	74°	4.52 mt <i>14.8 ft</i>	7.54 mt <i>24.7 ft</i>	15.07 mt <i>49.4 ft</i>
SPOT	25°	1.33 mt <i>4.4 ft</i>	2.22 mt <i>7.3 ft</i>	4.43 mt <i>14.5 ft</i>

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

FC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]<sup>2</sup>

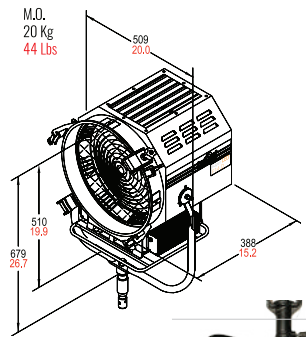


PHOTOMETRIC DATA

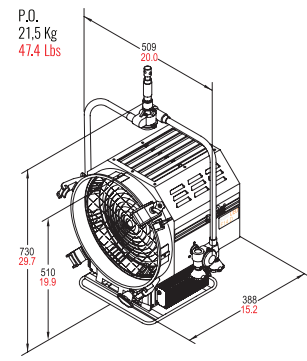
**RAIN PROTECTED VERSION AVAILABLE**



**// M.O. VERSION**  
 Mod. F14T. MO  
 Mod. F14D. MO  
 Mod. F14VW. MO



**// P.O. VERSION**  
 Mod. F14T. PO  
 Mod. F14D. PO  
 Mod. F14VW. PO



Tungsten & Daylight versions available  
 F14 > 400W

**SUPER LED F14**



Super LED F14 - Rear View >  
 < Super LED F14 M.O. with barndoor



**ACCESSORIES**



Colorframe



Set of scrims



8 leaf barndoor



4 leaf barndoor

## // 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**

<b>FLOOD</b>	37,427 cd	1,497 lux <i>139 FC</i>	374 lux <i>35 FC</i>	166 lux <i>15 FC</i>
--------------	-----------	----------------------------	-------------------------	-------------------------

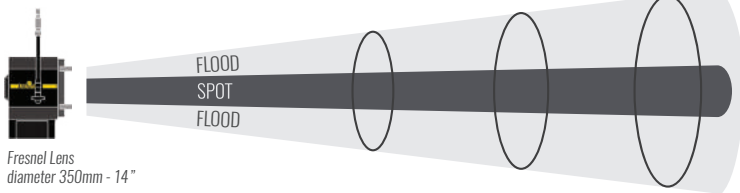
<b>SPOT</b>	226,839 cd	9,074 lux <i>843 FC</i>	2,268 lux <i>211 FC</i>	1,008 lux <i>94 FC</i>
-------------	------------	----------------------------	----------------------------	---------------------------

**5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 400W (CRI 95) - TLCI: 95**

<b>FLOOD</b>	43,308 cd	1,732 lux <i>161 FC</i>	433 lux <i>40 FC</i>	192 lux <i>18 FC</i>
--------------	-----------	----------------------------	-------------------------	-------------------------

<b>SPOT</b>	260,640 cd	10,426 lux <i>969 FC</i>	2,606 lux <i>242 FC</i>	1,158 lux <i>108 FC</i>
-------------	------------	-----------------------------	----------------------------	----------------------------

5 mt 10 mt 15 mt  
*16.4 ft 32.8 ft 49.2 ft*



Fresnel Lens  
diameter 350mm - 14"

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

<b>FLOOD</b>	54°	5,10 mt <i>16.7 ft</i>	10,19 mt <i>33.4 ft</i>	15,29 mt <i>50.2 ft</i>
--------------	-----	---------------------------	----------------------------	----------------------------

<b>SPOT</b>	12°	1,05 mt <i>3.4 ft</i>	2,10 mt <i>6.9 ft</i>	3,15 mt <i>10.3 ft</i>
-------------	-----	--------------------------	--------------------------	---------------------------

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

<b>FLOOD</b>	77°	7,95 mt <i>26.1 ft</i>	15,91 mt <i>52.2 ft</i>	23,86 mt <i>78.3 ft</i>
--------------	-----	---------------------------	----------------------------	----------------------------

<b>SPOT</b>	22°	1,94 mt <i>6.4 ft</i>	3,89 mt <i>12.8 ft</i>	5,83 mt <i>19.1 ft</i>
-------------	-----	--------------------------	---------------------------	---------------------------

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

FC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]<sup>2</sup>



PHOTOMETRIC DATA

RAIN PROTECTED VERSION  
AVAILABLE

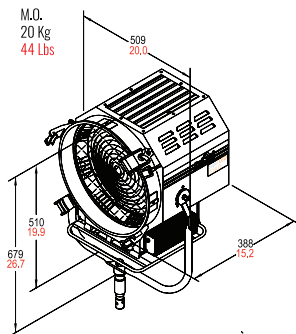
Tungsten & Daylight  
versions available 580W



^ Super LED F14 HP M.O. with barndoor



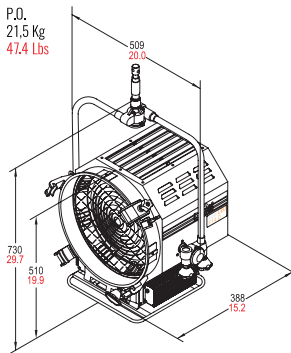
// M.O. VERSION  
Mod. F14THP. MO  
Mod. F14DHP. MO  
Mod. F14HPVW. MO



M.O.  
20 Kg  
44 Lbs

// P.O. VERSION  
Mod. F14THP. PO  
Mod. F14DHP. PO  
Mod. F14HPVW. PO

P.O.  
21,5 Kg  
47,4 Lbs



Super LED F14 HP - Rear View >



## ACCESSORIES



Colorframe



Set of scrims



8 leaf barndoor



4 leaf barndoor

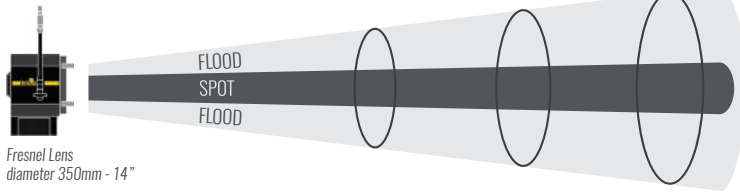
# SUPER LED F14 HP

## // 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				
<b>FLOOD</b>	84.600 cd	3.384 lux <i>314 FC</i>	846 lux <i>79 FC</i>	376 lux <i>35 FC</i>
<b>SPOT</b>	490.500 cd	19.620 lux <i>1,823 FC</i>	4.905 lux <i>456 FC</i>	2.180 lux <i>203 FC</i>
5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 580W (CRI 95) - TLCI: 95				
<b>FLOOD</b>	99.000 cd	3.960 lux <i>368 FC</i>	990 lux <i>92 FC</i>	440 lux <i>41 FC</i>
<b>SPOT</b>	552.600 cd	22.104 lux <i>2,054 FC</i>	5.526 lux <i>513 FC</i>	2.456 lux <i>228 FC</i>



Fresnel Lens  
diameter 350mm - 14°

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

	Beam Angle	5 mt	10 mt	15 mt
<b>FLOOD</b>	42°	3,84 mt <i>12.6 ft</i>	7,68 mt <i>25.2 ft</i>	11,52 mt <i>46.9 ft</i>
<b>SPOT</b>	11°	0,96 mt <i>3.2 ft</i>	1,93 mt <i>6.3 ft</i>	2,89 mt <i>9.5 ft</i>

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

	Field Angle	5 mt	10 mt	15 mt
<b>FLOOD</b>	70°	7,00 mt <i>23.0 ft</i>	14,00 mt <i>45.9 ft</i>	21,01 mt <i>68.9 ft</i>
<b>SPOT</b>	17°	1,49 mt <i>4.9 ft</i>	2,99 mt <i>9.8 ft</i>	4,48 mt <i>14.7 ft</i>

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

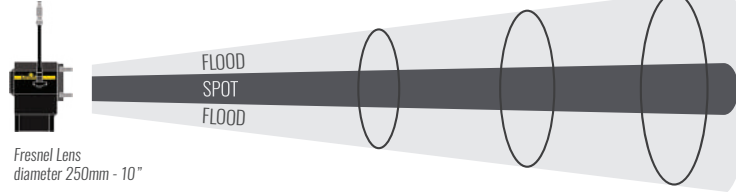
FC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]<sup>2</sup>

## // 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				
<b>FLOOD @ 2.800°K CCT</b>	49.500 cd	1.980 lux <i>184 FC</i>	495 lux <i>46 FC</i>	220 lux <i>20 FC</i>
<b>FLOOD @ 6.600°K CCT</b>	64.440 cd	2.578 lux <i>239 FC</i>	644 lux <i>60 FC</i>	286 lux <i>27 FC</i>
FULL SPOT - C.C.T. tunable from 2.800°K to 6.600°K - 580W (CRI >95) - TLCI: 96				
<b>SPOT @ 2.800°K CCT</b>	259.200 cd	10.368 lux <i>963 FC</i>	2.592 lux <i>241 FC</i>	1.152 lux <i>107 FC</i>
<b>SPOT @ 6.600°K CCT</b>	330.300 cd	13.212 lux <i>1,227 FC</i>	3.303 lux <i>307 FC</i>	1.468 lux <i>136 FC</i>



Fresnel Lens  
diameter 250mm - 10°

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

	Beam Angle	5 mt	10 mt	15 mt
<b>FLOOD</b>	52°	4,88 mt <i>16.0 ft</i>	9,75 mt <i>32.0 ft</i>	14,63 mt <i>48.0 ft</i>
<b>SPOT</b>	13°	1,14 mt <i>3.7 ft</i>	2,28 mt <i>7.5 ft</i>	3,42 mt <i>11.2 ft</i>

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

	Field Angle	5 mt	10 mt	15 mt
<b>FLOOD</b>	76°	7,81 mt <i>25.6 ft</i>	15,63 mt <i>51.3 ft</i>	23,44 mt <i>76.9 ft</i>
<b>SPOT</b>	22°	1,94 mt <i>6.4 ft</i>	3,89 mt <i>12.8 ft</i>	5,83 mt <i>19.1 ft</i>

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

FC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]<sup>2</sup>



PHOTOMETRIC DATA







### **ITALY**

Tel. +39-06-902901  
Fax +39-06-90231051  
[desisti@desisti.it](mailto:desisti@desisti.it)

### **USA**

Tel. +1-908-317-0020  
Fax +1-908-317-0021  
[desisti@desistiusa.com](mailto:desisti@desistiusa.com)

### **ASIA**

Tel. +65-6745-1811  
Fax +65-6844-3633  
[info@desisti.tv](mailto:info@desisti.tv)

### **SPAIN**

Tel. +34-91-304-6617  
Fax +34-91-304-9201  
[jgines@desiberica-desisti.com](mailto:jgines@desiberica-desisti.com)

### **UNITED KINGDOM**

Tel. +44-(0)-7785-233073  
Fax +44-1932-843931  
[nick@desistilighting.co.uk](mailto:nick@desistilighting.co.uk)

---

[www.desisti.it](http://www.desisti.it)