



# LED FRESNELS







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</i>	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 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.

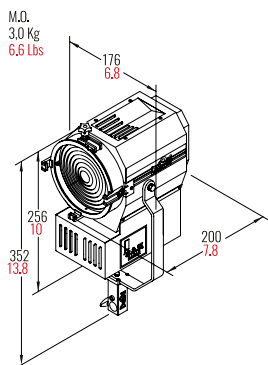


Barndoor cuts using DE SISTI LED FRESNELS matches what you see with Tungsten heads.



DeSima  
Super LED

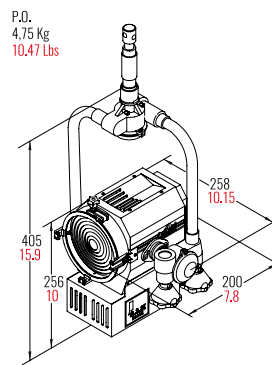
// PRODUCTS LIST



**// 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 polyetilen >

## ACCESSORIES



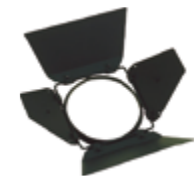
Colorframe



Set of scrims



8 leaf barndoor



4 leaf barndoor

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

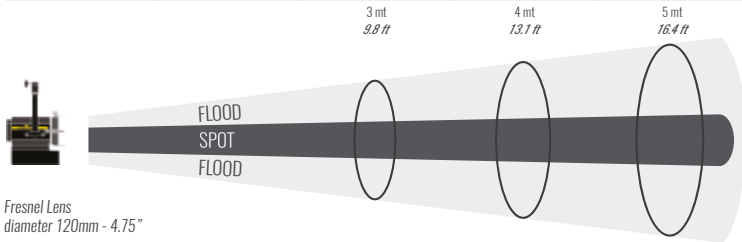


## // SUPER LED F4.7

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				
<b>FLOOD</b>	8.502 cd	945 lux <i>88 FC</i>	531 lux <i>49 FC</i>	340 lux <i>32 FC</i>
<b>SPOT</b>	33.953 cd	3.773 lux <i>350 FC</i>	2.122 lux <i>197 FC</i>	1.358 lux <i>126 FC</i>
5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 60W (CRI 96) - TLCI: 97				
<b>FLOOD</b>	8.550 cd	950 lux <i>88 FC</i>	534 lux <i>50 FC</i>	342 lux <i>32 FC</i>
<b>SPOT</b>	35.091 cd	3.899 lux <i>362 FC</i>	2.193 lux <i>204 FC</i>	1.404 lux <i>130 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>
<b>FLOOD</b>	41°	2.24 mt <i>7.4 ft</i>	2.99 mt <i>9.8 ft</i>	3.74 mt <i>12.3 ft</i>
<b>SPOT</b>	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>
<b>FLOOD</b>	64°	3.75 mt <i>12.3 ft</i>	5.00 mt <i>16.4 ft</i>	6.25 mt <i>20.5 ft</i>
<b>SPOT</b>	22°	1.17 mt <i>3.8 ft</i>	1.56 mt <i>5.1 ft</i>	1.94 mt <i>6.4 ft</i>

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

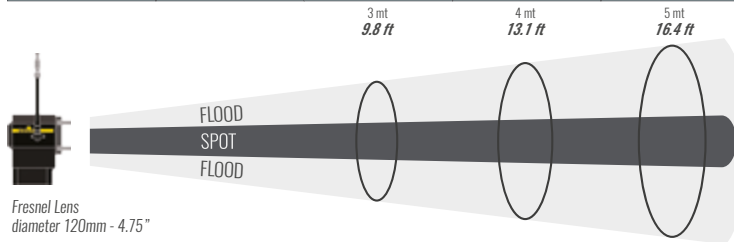
FC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]<sup>2</sup>

## // SUPER LED 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				
<b>FLOOD @ 2.800°K CCT</b>	5.058 cd	562 lux <i>52 FC</i>	316 lux <i>29 FC</i>	202 lux <i>19 FC</i>
<b>FLOOD @ 6.600°K CCT</b>	5.697 cd	633 lux <i>59 FC</i>	356 lux <i>33 FC</i>	228 lux <i>21 FC</i>
FULL SPOT - C.C.T. tunable from 2.800°K to 6.600°K - 60W (CRI >95) - TLCI: 96				
<b>SPOT @ 2.800°K CCT</b>	29.556 cd	3.284 lux <i>496 FC</i>	3.005 lux <i>279 FC</i>	1.923 lux <i>179 FC</i>
<b>SPOT @ 6.600°K CCT</b>	36.702 cd	4.078 lux <i>379 FC</i>	2.294 lux <i>213 FC</i>	1.468 lux <i>136 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>
<b>FLOOD</b>	57°	3.26 mt <i>10.7 ft</i>	4.34 mt <i>14.3 ft</i>	5.43 mt <i>17.8 ft</i>
<b>SPOT</b>	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)

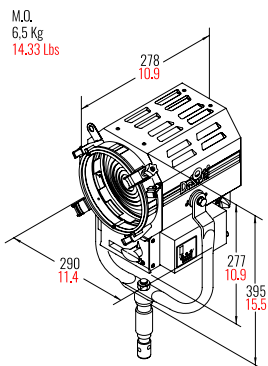
		3 mt <i>9.8 ft</i>	4 mt <i>13.1 ft</i>	5 mt <i>16.4 ft</i>
<b>FLOOD</b>	69°	4.12 mt <i>13.5 ft</i>	5.50 mt <i>18.0 ft</i>	6.87 mt <i>22.5 ft</i>
<b>SPOT</b>	20°	1.06 mt <i>3.5 ft</i>	1.41 mt <i>4.6 ft</i>	1.76 mt <i>5.8 ft</i>

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



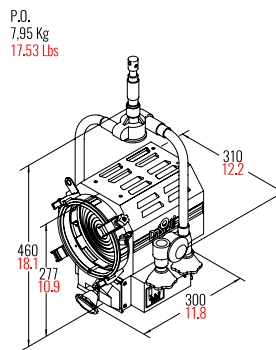
**// M.O. VERSION**  
 Mod. F6T. MO  
 Mod. F6D. MO  
 Mod. F6VW. MO



< Super LED F6 M.O. with barndoor



Rear view of Super LED F6 >



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



## ACCESSORIES



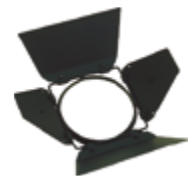
Colorframe



Set of scrims



8 leaf barndoor



4 leaf barndoor

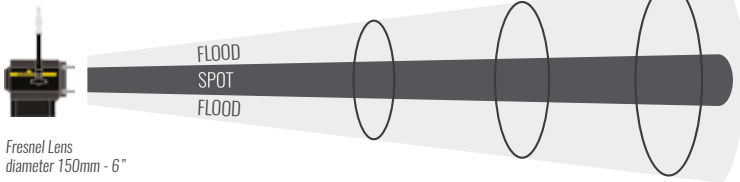
# SUPER LED F6 / F6 VARI-WHITE

## // 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>	12,960 cd	1,440 lux <i>134 FC</i>	518 lux <i>48 FC</i>	130 lux <i>12 FC</i>
<b>SPOT</b>	48,447 cd	5,383 lux <i>500 FC</i>	1,938 lux <i>180 FC</i>	484 lux <i>45 FC</i>
5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 120W (CRI 96) - TlCl: 97				
<b>FLOOD</b>	14,751 cd	1,639 lux <i>152 FC</i>	590 lux <i>55 FC</i>	148 lux <i>14 FC</i>
<b>SPOT</b>	57,096 cd	6,344 lux <i>589 FC</i>	2,284 lux <i>212 FC</i>	571 lux <i>53 FC</i>



Fresnel Lens  
diameter 150mm - 6"

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>
<b>FLOOD</b>	53°	2,99 mt <i>9.8 ft</i>	4,99 mt <i>16.4 ft</i>	9,97 mt <i>32.7 ft</i>
<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)

<b>FLOOD</b>	69°	4,12 mt <i>13.5 ft</i>	6,87 mt <i>22.5 ft</i>	13,75 mt <i>45.1 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>

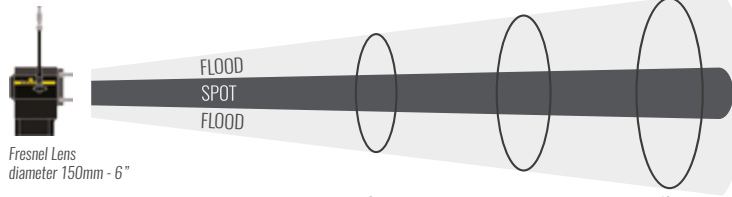
EC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]<sup>2</sup>

## // SUPER LED F6VW

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>	8,460 cd	940 lux <i>87 FC</i>	338 lux <i>31 FC</i>	85 lux <i>8 FC</i>
<b>FLOOD @ 6.600°K CCT</b>	11,205 cd	1,245 lux <i>116 FC</i>	448 lux <i>42 FC</i>	112 lux <i>10 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>	52,830 cd	5,870 lux <i>545 FC</i>	2,113 lux <i>196 FC</i>	528 lux <i>49 FC</i>
<b>SPOT @ 6.600°K CCT</b>	68,400 cd	7,600 lux <i>706 FC</i>	2,736 lux <i>254 FC</i>	684 lux <i>64 FC</i>



Fresnel Lens  
diameter 150mm - 6"

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

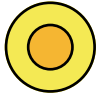
	Beam Angle	3 mt <i>9.8 ft</i>	5 mt <i>16.4 ft</i>	10 mt <i>32.8 ft</i>
<b>FLOOD</b>	60°	3,46 mt <i>11.4 ft</i>	5,77 mt <i>18.9 ft</i>	11,55 mt <i>37.9 ft</i>
<b>SPOT</b>	12°	0,63 mt <i>2.1 ft</i>	1,05 mt <i>3.4 ft</i>	2,10 mt <i>6.9 ft</i>

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

<b>FLOOD</b>	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>
<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>

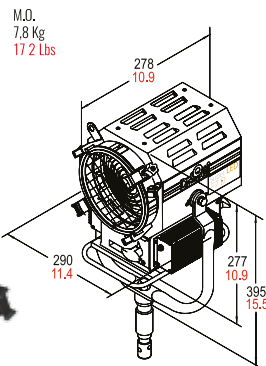
LLX AT ANY DISTANCE = Candle Power: [Distance(in m.)]<sup>2</sup>

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



PHOTOMETRIC DATA

RAIN PROTECTED VERSION  
AVAILABLE



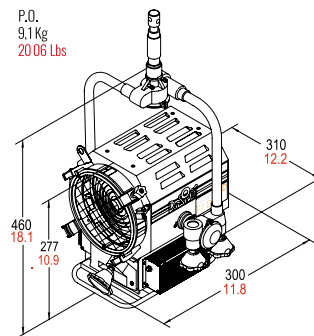
// M.O. VERSION  
Mod. F7T. MO  
Mod. F7D. MO  
Mod. F7VW. MO



< 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



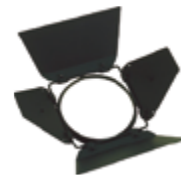
Colorframe



Set of scrim



8 leaf barndoor



4 leaf barndoor

## SUPER LED F7 / F7 VARI-WHITE

## // SUPER LED F7

Central Light intensity (Candle Power)

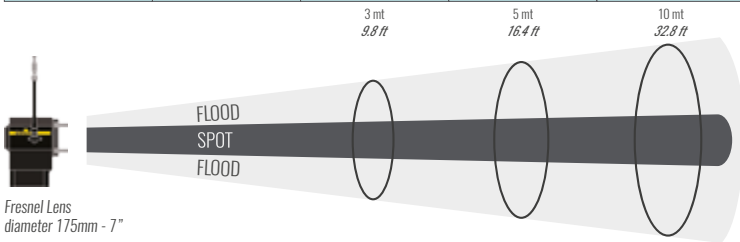
Illumination center values at Distances

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

<b>FLOOD</b>	19,440 cd	2,160 lux <i>201 FC</i>	778 lux <i>72 FC</i>	194 lux <i>18 FC</i>
<b>SPOT</b>	81,960 cd	9,107 lux <i>846 FC</i>	3,278 lux <i>305 FC</i>	820 lux <i>76 FC</i>

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

<b>FLOOD</b>	21,600 cd	2,400 lux <i>223 FC</i>	864 lux <i>80 FC</i>	216 lux <i>20 FC</i>
<b>SPOT</b>	86,274 cd	9,586 lux <i>891 FC</i>	3,451 lux <i>321 FC</i>	863 lux <i>80 FC</i>



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

Beam Sizes

<b>FLOOD</b>	53°	2,99 mt <i>9.8 ft</i>	4,99 mt <i>16.4 ft</i>	9,97 mt <i>32.7 ft</i>
<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)

<b>FLOOD</b>	69°	4,12 mt <i>13.5 ft</i>	6,87 mt <i>22.5 ft</i>	13,75 mt <i>45.1 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>

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)

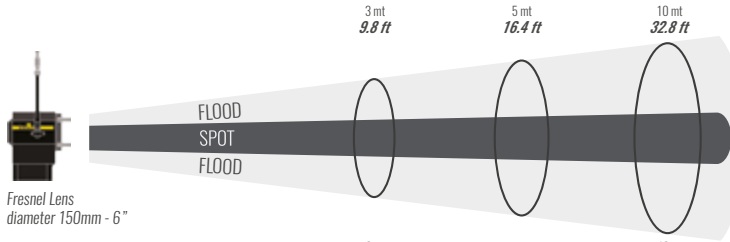
Illumination center values at Distances

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

<b>FLOOD @ 2.800°K CCT</b>	10,170 cd	1,130 lux <i>105 FC</i>	407 lux <i>38 FC</i>	102 lux <i>9 FC</i>
<b>FLOOD @ 6.600°K CCT</b>	18,000 cd	1,470 lux <i>137 FC</i>	529 lux <i>49 FC</i>	132 lux <i>12 FC</i>

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

<b>SPOT @ 2.800°K CCT</b>	59,670 cd	6,630 lux <i>616 FC</i>	2,387 lux <i>222 FC</i>	597 lux <i>55 FC</i>
<b>SPOT @ 6.600°K CCT</b>	77,850 cd	8,650 lux <i>804 FC</i>	3,114 lux <i>289 FC</i>	779 lux <i>72 FC</i>



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

Beam Sizes

<b>FLOOD</b>	60°	3,46 mt <i>11.4 ft</i>	5,77 mt <i>18.9 ft</i>	11,55 mt <i>37.9 ft</i>
<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)

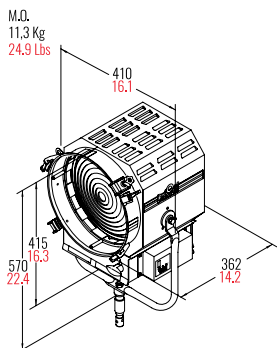
<b>FLOOD</b>	76°	4,69 mt <i>15.4 ft</i>	7,81 mt <i>25.6 ft</i>	15,63 mt <i>51.3 ft</i>
<b>SPOT</b>	24°	1,28 mt <i>4.2 ft</i>	2,13 mt <i>7.0 ft</i>	4,25 mt <i>13.9 ft</i>

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

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



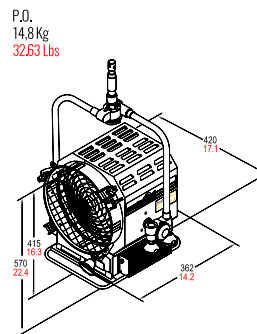
PHOTOMETRIC DATA



**// 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



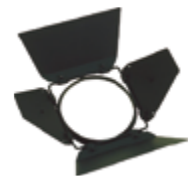
Colorframe



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

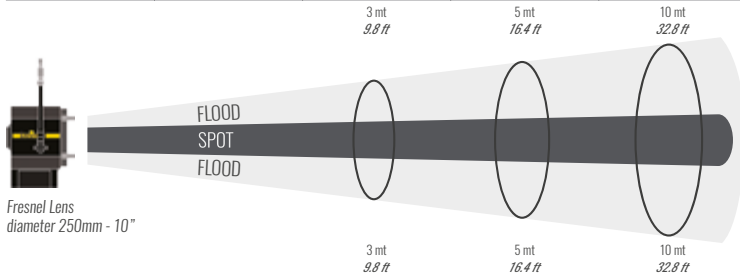
FLOOD	19,953 cd	2,217 lux <i>206 FC</i>	798 lux <i>74 FC</i>	200 lux <i>19 FC</i>
-------	-----------	----------------------------	-------------------------	-------------------------

SPOT	159,660 cd	17,740 lux <i>1,648 FC</i>	6,386 lux <i>593 FC</i>	1,597 lux <i>148 FC</i>
------	------------	-------------------------------	----------------------------	----------------------------

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

FLOOD	21,915 cd	2,435 lux <i>226 FC</i>	877 lux <i>81 FC</i>	219 lux <i>20 FC</i>
-------	-----------	----------------------------	-------------------------	-------------------------

SPOT	166,050 cd	18,450 lux <i>1,714 FC</i>	6,642 lux <i>617 FC</i>	1,661 lux <i>154 FC</i>
------	------------	-------------------------------	----------------------------	----------------------------



Fresnel Lens  
diameter 250mm - 10"

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

Beam Sizes

FLOOD	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>
SPOT	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)

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	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>

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 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

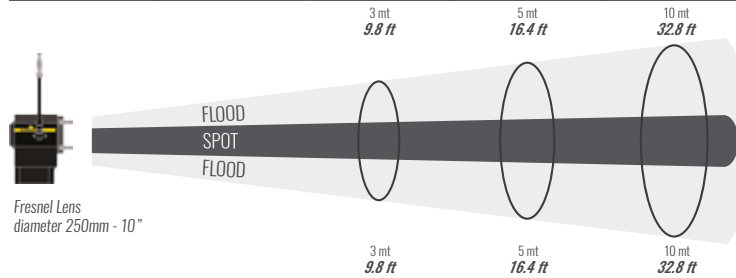
FLOOD @ 2.800°K CCT	12,807 cd	1,423 lux <i>132 FC</i>	512 lux <i>48 FC</i>	128 lux <i>12 FC</i>
---------------------	-----------	----------------------------	-------------------------	-------------------------

FLOOD @ 6.600°K CCT	17,100 cd	1,900 lux <i>177 FC</i>	684 lux <i>64 FC</i>	171 lux <i>16 FC</i>
---------------------	-----------	----------------------------	-------------------------	-------------------------

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

SPOT @ 2.800°K CCT	137,700 cd	15,300 lux <i>1,421 FC</i>	5,508 lux <i>512 FC</i>	1,377 lux <i>128 FC</i>
--------------------	------------	-------------------------------	----------------------------	----------------------------

SPOT @ 6.600°K CCT	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>
--------------------	------------	-------------------------------	----------------------------	----------------------------



Fresnel Lens  
diameter 250mm - 10"

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

Beam Sizes

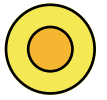
FLOOD	53°	2,99 mt <i>9.8 ft</i>	4,99 mt <i>16.4 ft</i>	9,97 mt <i>32.7 ft</i>
SPOT	11°	0,58 mt <i>1.9 ft</i>	0,96 mt <i>3.2 ft</i>	1,93 mt <i>6.3 ft</i>

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

FLOOD	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>
SPOT	19°	1,00 mt <i>3.3 ft</i>	1,67 mt <i>5.5 ft</i>	3,35 mt <i>11.0 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>



PHOTOMETRIC DATA

**RAIN PROTECTED VERSION AVAILABLE**

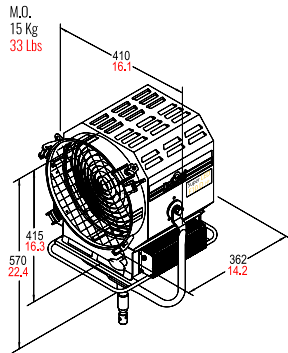


▲ Super LED F10HP M.O. with barndoor



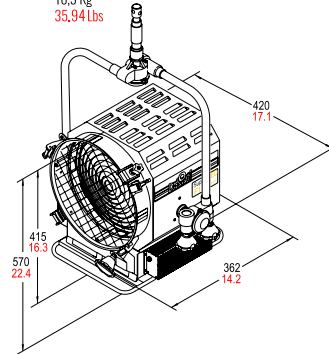
Rear view of Super LED F10HP >

**// 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



**ACCESSORIES**



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

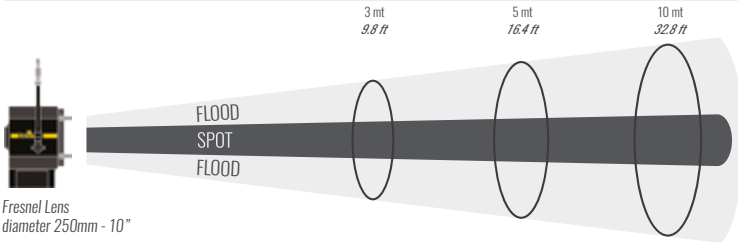


## // SUPER LED F 10 HP

Central Light intensity (Candle Power)

Illumination center values at Distances

3.200°K TUNGSTEN BALANCED C.C.T. (Correlated Color Temperature) - 330W (CRI 97) - TLCI: 97				
<b>FLOOD</b>	26.051 cd	2.895 lux <i>269 FC</i>	1.042 lux <i>97 FC</i>	261 lux <i>24 FC</i>
<b>SPOT</b>	132.685 cd	14.743 lux <i>1,370 FC</i>	5.307 lux <i>493 FC</i>	1.327 lux <i>123 FC</i>
5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 330W (CRI 95) - TLCI: 95				
<b>FLOOD</b>	27.000 cd	3.000 lux <i>279 FC</i>	1.080 lux <i>100 FC</i>	270 lux <i>25 FC</i>
<b>SPOT</b>	164.250 cd	18.250 lux <i>1,695 FC</i>	6.570 lux <i>610 FC</i>	1.643 lux <i>153 FC</i>



Fresnel Lens  
diameter 250mm - 10"

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

		3 mt <i>9.8 ft</i>	5 mt <i>16.4 ft</i>	10 mt <i>32.8 ft</i>
<b>FLOOD</b>	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>
<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)

		3 mt <i>9.8 ft</i>	5 mt <i>16.4 ft</i>	10 mt <i>32.8 ft</i>
<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>	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>

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

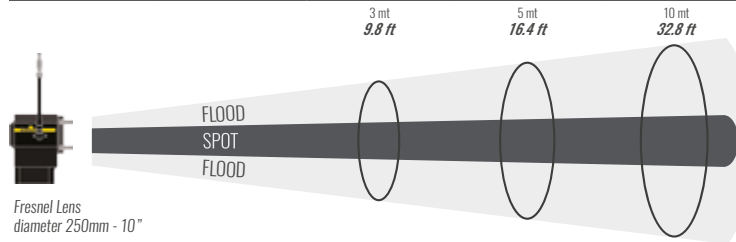
FC. AT ANY DISTANCE = Candle Power: [Distance(in ft)]<sup>2</sup>

## // 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) - TLCI: 96				
<b>FLOOD @ 2.800°K CCT</b>	25.560 cd	2.840 lux <i>264 FC</i>	1.022 lux <i>95 FC</i>	256 lux <i>24 FC</i>
<b>FLOOD @ 6.600°K CCT</b>	35.370 cd	3.930 lux <i>365 FC</i>	1.415 lux <i>131 FC</i>	354 lux <i>33 FC</i>
FULL SPOT - C.C.T. tunable from 2.800°K to 6.600°K - 330W (CRI >95) - TLCI: 96				
<b>SPOT @ 2.800°K CCT</b>	113.400 cd	12.600 lux <i>1,171 FC</i>	4.536 lux <i>421 FC</i>	1.134 lux <i>105 FC</i>
<b>SPOT @ 6.600°K CCT</b>	155.700 cd	17.300 lux <i>1,607 FC</i>	6.228 lux <i>579 FC</i>	1.557 lux <i>145 FC</i>



Fresnel Lens  
diameter 250mm - 10"

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

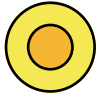
		3 mt <i>9.8 ft</i>	5 mt <i>16.4 ft</i>	10 mt <i>32.8 ft</i>
<b>FLOOD</b>	54°	3,06 mt <i>10.0 ft</i>	5,10 mt <i>16.7 ft</i>	10,19 mt <i>33.4 ft</i>
<b>SPOT</b>	15°	0,79 mt <i>2.6 ft</i>	1,32 mt <i>4.3 ft</i>	2,63 mt <i>8.6 ft</i>

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

		3 mt <i>9.8 ft</i>	5 mt <i>16.4 ft</i>	10 mt <i>32.8 ft</i>
<b>FLOOD</b>	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>
<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>

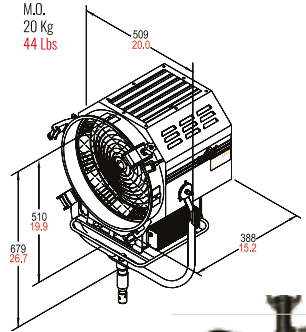


PHOTOMETRIC DATA

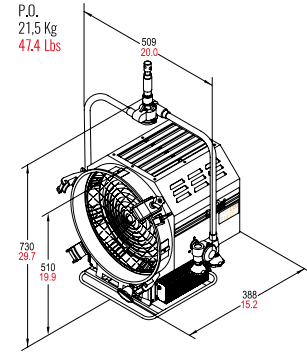
RAIN PROTECTED VERSION AVAILABLE



// 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 - Rear View >

< Super LED F14 M.O. with barndoor



### ACCESSORIES



Colorframe



Set of scrims



8 leaf barndoor



4 leaf barndoor

## SUPER LED F14

## // SUPER LED F14

Central Light intensity (Candle Power)

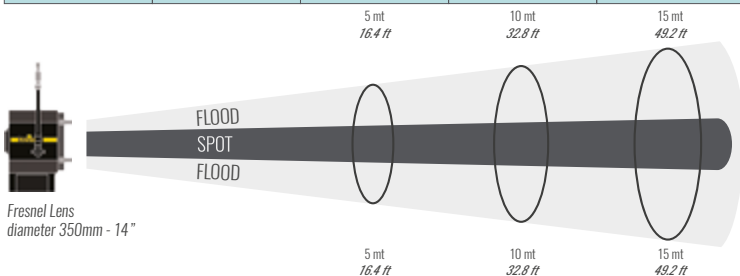
Illumination center values at Distances

**3.200°K TUNGSTEN BALANCED C.C.T. (Correlated Color Temperature) - 400W (CRI 97) - TLCI: 96**

		5 mt 16.4 ft	10 mt 32.8 ft	15 mt 49.2 ft
<b>FLOOD</b>	37,427 cd	1,497 lux <b>139 FC</b>	374 lux <b>35 FC</b>	166 lux <b>15 FC</b>
<b>SPOT</b>	226,839 cd	9,074 lux <b>843 FC</b>	2,268 lux <b>211 FC</b>	1,008 lux <b>94 FC</b>

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

		5 mt 16.4 ft	10 mt 32.8 ft	15 mt 49.2 ft
<b>FLOOD</b>	43,308 cd	1,732 lux <b>161 FC</b>	433 lux <b>40 FC</b>	192 lux <b>18 FC</b>
<b>SPOT</b>	260,640 cd	10,426 lux <b>969 FC</b>	2,606 lux <b>242 FC</b>	1,158 lux <b>108 FC</b>



		5,10 mt 16.7 ft	10,19 mt 33.4 ft	15,29 mt 50.2 ft
<b>FLOOD</b>	54°	5,10 mt <b>16.7 ft</b>	10,19 mt <b>33.4 ft</b>	15,29 mt <b>50.2 ft</b>
<b>SPOT</b>	12°	1,05 mt <b>3.4 ft</b>	2,10 mt <b>6.9 ft</b>	3,15 mt <b>10.3 ft</b>

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

		7,95 mt 26.1 ft	15,91 mt 52.2 ft	23,86 mt 78.3 ft
<b>FLOOD</b>	77°	7,95 mt <b>26.1 ft</b>	15,91 mt <b>52.2 ft</b>	23,86 mt <b>78.3 ft</b>
<b>SPOT</b>	22°	1,94 mt <b>6.4 ft</b>	3,89 mt <b>12.8 ft</b>	5,83 mt <b>19.1 ft</b>

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

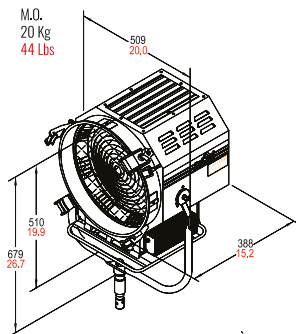
Tungsten & Daylight  
versions available 580W



^ Super LED F14 HP M.O. with barndoor



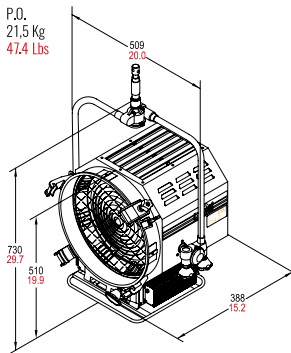
// M.O. VERSION  
Mod. F14THP. MO  
Mod. F14DHP. MO  
Mod. F14HPVW. MO



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 >



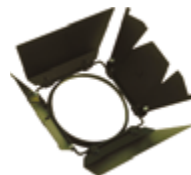
## ACCESSORIES



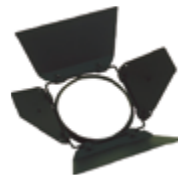
Colorframe



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>	44.801 cd	1.792 lux <i>166 FC</i>	448 lux <i>42 FC</i>	199 lux <i>18 FC</i>
--------------	-----------	----------------------------	-------------------------	-------------------------

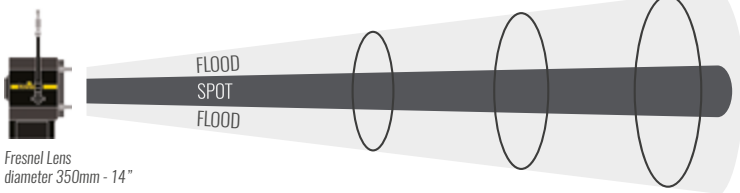
<b>SPOT</b>	213.131 cd	8.525 lux <i>792 FC</i>	2.131 lux <i>198 FC</i>	947 lux <i>88 FC</i>
-------------	------------	----------------------------	----------------------------	-------------------------

**5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 580W (CRI 95) - TLCI: 95**

<b>FLOOD</b>	51.840 cd	2.074 lux <i>193 FC</i>	518 lux <i>48 FC</i>	230 lux <i>21 FC</i>
--------------	-----------	----------------------------	-------------------------	-------------------------

<b>SPOT</b>	205.560 cd	8.222 lux <i>764 FC</i>	2.056 lux <i>191 FC</i>	914 lux <i>85 FC</i>
-------------	------------	----------------------------	----------------------------	-------------------------

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)

Beam Sizes

<b>FLOOD</b>	51°	4,77 mt <i>15.6 ft</i>	9,54 mt <i>31.3 ft</i>	14,31 mt <i>46.9 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>	74°	7,54 mt <i>24.7 ft</i>	15,07 mt <i>49.4 ft</i>	22,61 mt <i>74.2 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(m m.)]<sup>2</sup>

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



PHOTOMETRIC DATA



Desisti®

Super LED  
F7D

DIMMER





### **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)