DeSisti

Piccoletto

The Miniature LED Fresnel


Piccoletto
Sisti

De Sisti welcomes the ***Piccoletto*** *Fresnel to our product family. We produced this product to commemorate De Sisti's founder,* ***Mario De Sisti****. Mario was nicknamed* ***Piccoletto*** *(meaning small) by the Cinecitta gaffers when he started his lighting career at the early age of ten years old. The* ***Piccoletto*** *was designed in admiration of our founder. The Piccoletto name is engraved with* ***Mario's personal handwriting*** *to help preserve his legacy as the genius behind one of the leading international lighting brands in the world.*

The lightweight, compact ***Piccoletto*** *is a high-efficiency Fresnel spotlight that uses a* ***High Output 30W COB*** *(Chip on Board) LED Array with an enhanced* ***CRI greater than 90****. The fixture is available in either Tungsten (3.200°K) or Daylight (5.600°K) balanced CCT and mirrors the classic spot to flood beam control, sharp barndoor cuts, and focus range of a conventional Fresnel lamp.*

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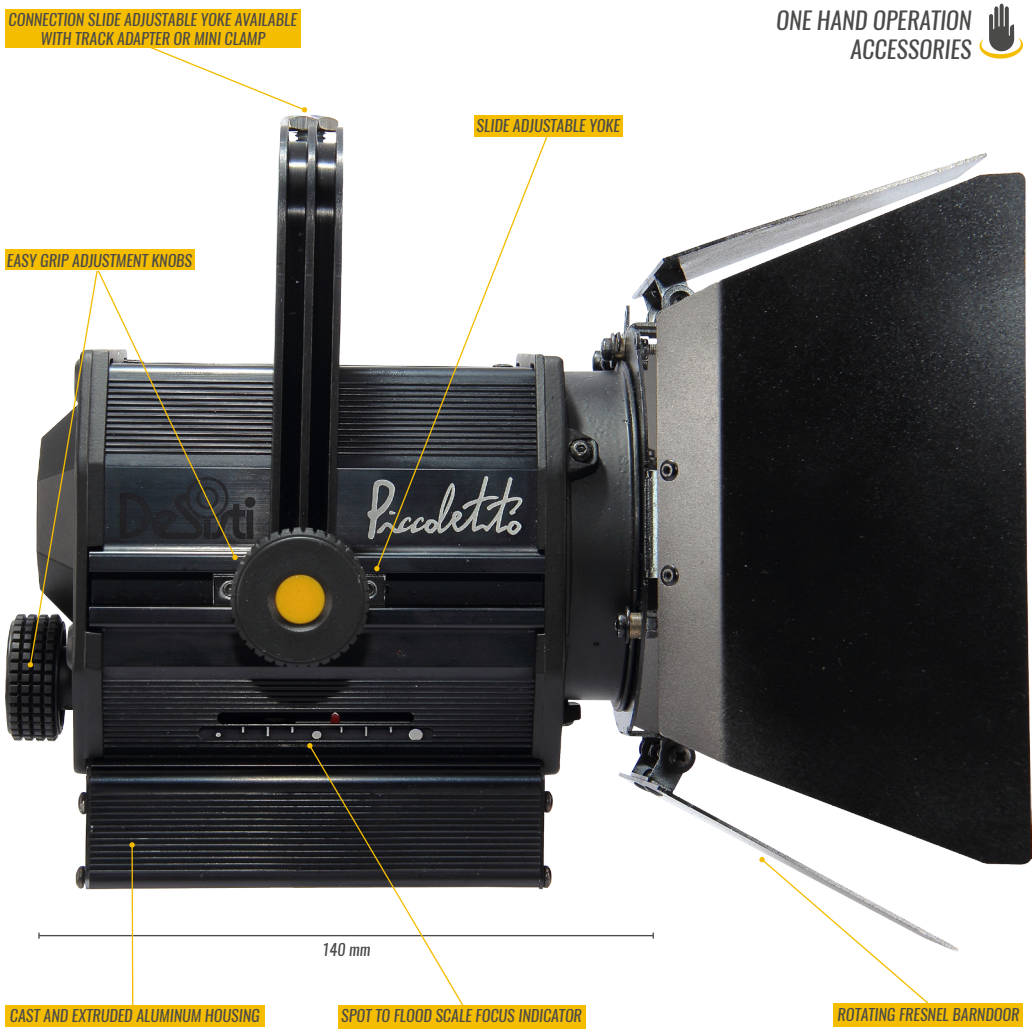

CONNECTION SLIDE ADJUSTABLE YOKE AVAILABLE WITH TRACK ADAPTER OR MINI CLAMP
ONE HAND OPERATION ACCESSORIES
SLIDE ADJUSTABLE YOKE
EASY GRIP ADJUSTMENT KNOBS
Piccoletto
120 mm
140 mm
CAST AND EXTRUDED ALUMINUM HOUSING
SPOT TO FLOOD SCALE FOCUS INDICATOR
ROTATING FRESNEL BARNDOOR

FEATURES

// *80 mm (3 inch) diameter high quality Borosilicate glass Fresnel lens.*

// *Light output (in Daylight) while in full flood (80° beam angle) exceeds 185 lux at 3 m. while output at full spot exceeds 940 lux The quality of the beam angle/distribution is top level.*

// *Rugged and lightweight aluminum housing with low glare, black epoxy powder coating, and internal double walls for reinforcement.*

// *Weights between 1kg and 1.3kg (2.2lbs-2.8lbs) depending on the version*

// *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.

PICCOLETTO P WITH MAINS PSU

PICCOLETTO P WITH BATTERY

// *Linear Bearing sliding focus mechanism which guides the LED engine. This ensures smooth operation while focusing, in any tilting position of the fixture.*

// *Light Intensity Control: External local potentiometer and DMX Addressing rotary switches. Full size XLR in/out for DMX control.*

// *Power Supply: Mains or Battery Operation.*

Requires 14,8V D.C. supply.

The bottom of the fixture features a Fast Fit mounting system for utilizing one of the following power supply components:

- *Fast Fit Mains Power Supply: to operate with any AC Supply (90 to 250V automatically switching)*
- *Fast Fit Adapter for connection to V Mount Standard Camera Batteries*
- *Fast Fit Battery - direct connection to a standard 14.8V portable camera battery (Sony BP- U series)*

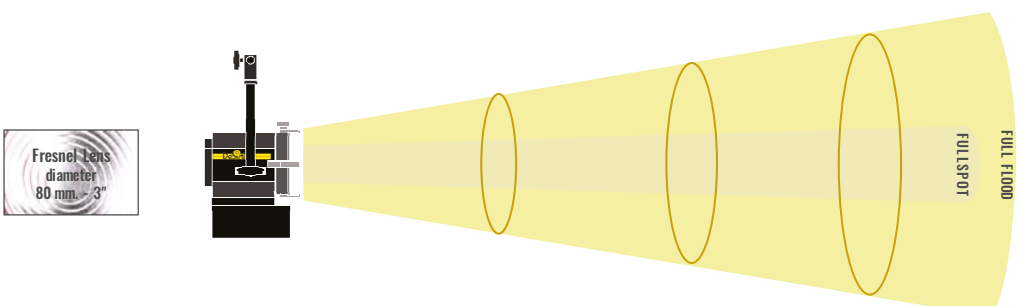
PICCOLETTO FE WITH EXTERNAL PSU AND TRACK CONNECTION

PICCOLETTO F (30W), FA (20W) - WITH INTERNAL PSU

PHOTOMETRICS

PHOTOMETRIC DATA PICCOLETTO T - 30W (CRI 92)
C.C.T. (Correlated Color Temperature) balanced to match 3.200°K TUNGSTEN LAMPS

Illumination center values at Distances Central Light intensity (Candle Power) 1.632 cd	408 lux ***38 FC***	181 lux ***17 FC***	65 lux ***6 FC***
Light beam diameter with Beam Angle (50% of center value): 80,0°	3,36 mt ***11,0 ft***	5,03 mt ***16,5 ft***	8,39 mt ***27,5 ft***
Light beam diameter with Field Angle (10% of center value): 96,0°	4,44 mt ***14,6 ft***	6,66 mt ***21,9 ft***	11,11 mt ***36,4 ft***
FULL FLOOD **DISTANCES**	2 mt ***6,6 ft***	3 mt ***9,8 ft***	5 mt ***16,4 ft***



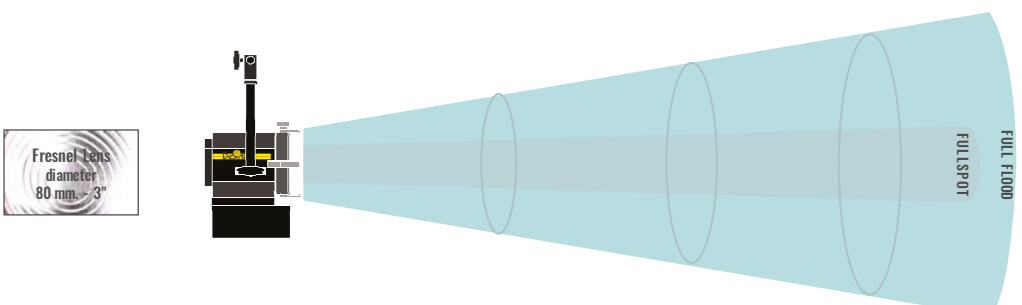
FULL SPOT **DISTANCES**	2 mt ***6,6 f***	3 mt ***9,8 f***	5 mt ***16,4 f***
Illumination center values at Distances Central Light intensity (Candle Power) 8.291 cd	2.073 lux ***193 FC***	921 lux ***86 FC***	332 lux ***31 FC***
Light beam diameter with Beam Angle (50% of center value):18,0°	0,63 mt ***2,1 ft***	0,95 mt ***3,1 ft***	1,58 mt ***5,2 ft***
Light beam diameter with Field Angle (10% of center value):30,0°	1,07 mt ***3,5 ft***	1,61 mt ***5,3 ft***	2,68 mt ***8,8 ft***

LUX AT ANY DISTANCE = Candle Power : [Distance(in m.)] ^{2} F.C. AT ANY DISTANCE = Candle Power : [Distance(in ft)] ^{2}

PHOTOMETRICS

PHOTOMETRIC DATA PICCOLETTO D - 30W (CRI 92)
C.C.T. (Correlated Color Temperature) balanced to match 5.600°K DAYLIGHT LAMPS

Illumination center values at Distances	416 lux	185 lux	67 lux
Central Light intensity (Candle Power) 1.665 cd	***39 FC***	***17 FC***	***6 FC***
Light beam diameter with Beam Angle	3,36 mt	5,03 mt	8,39 mt
(50% of center value): 80,0°	***11,0 ft***	***16,5 ft***	***27,5 ft***
Light beam diameter with Field Angle	4,44 mt	6,66 mt	11,11 mt
(10% of center value): 96,0°	***14,6 ft***	***21,9 ft***	***36,4 ft***
FULL FLOOD **DISTANCES**	2 mt	3 mt	5 mt
	6,6 ft	***9,8 ft***	***16,4 ft***



FULL SPOT **DISTANCES**	2 mt	3 mt	5 mt
	6,6 f	***9,8 f***	***16,4 f***
Illumination center values at Distances	2115 lux	940 lux	338 lux
Central Light intensity (Candle Power) 8.460 cd	***196 FC***	***87 FC***	***31 FC***
Light beam diameter with Beam Angle	0,63 mt	0,95 mt	1,58 mt
(50% of center value): 18,0°	***2,08ft***	***3,12 ft***	***5,20ft***
Light beam diameter with Field Angle	1,07 mt	1,61 mt	2,68 mt
(10% of center value): 30,0°	***3,52ft***	***5,27ft***	***8,79ft***

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

F.C. AT ANY DISTANCE = Candle Power : [Distance(in ft)] ^{2}

DE SISTI PICCOLETTO LED FRESNEL 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*

These are the exact features you get with the ***PICCOLETTO***

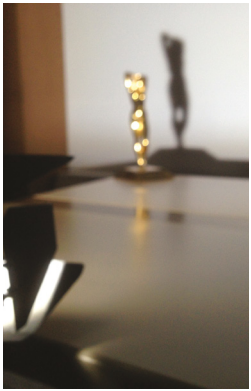
Our internationally patented optical system optimizes the LED source. The reflector design in combination with a Fresnel lens gives us the highest optical efficiency in the industry. De Sisti is able to achieve similar outputs to our competitors with half the power requirements and the exact light you've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

Piccoletto

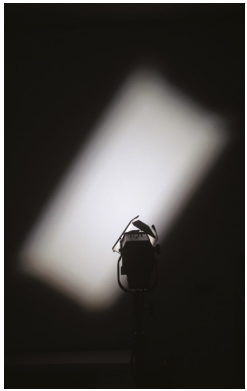
// *The following are some images of the PICCOLETTO's Light beam projections:*

PICCOLETTO IN FULL SPOT INTENSE AND FOCUSED BEAM (BEAM ANGLE =18°)

PICCOLETTO IN FULL FLOOD WIDE & EVEN FIELD (BEAM ANGLE = 80°)



FRESNEL SINGLE SHADOW PROJECTION



PROPER LIGHT BEAM SHAPING WITH BARNDOOR

NARROW SETTING OF BARNDOOR

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