

DeSisti



Piccoletto
The Miniature LED Fresnel





Piccoletti

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.*

Mario De Sisti *Piccoletto*

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.



ONE HAND OPERATION
ACCESSORIES 

CONNECTION SLIDE ADJUSTABLE YOKE AVAILABLE
WITH TRACK ADAPTER OR MINI CLAMP

SLIDE ADJUSTABLE YOKE

EASY GRIP ADJUSTMENT KNOBS

Piccoletto

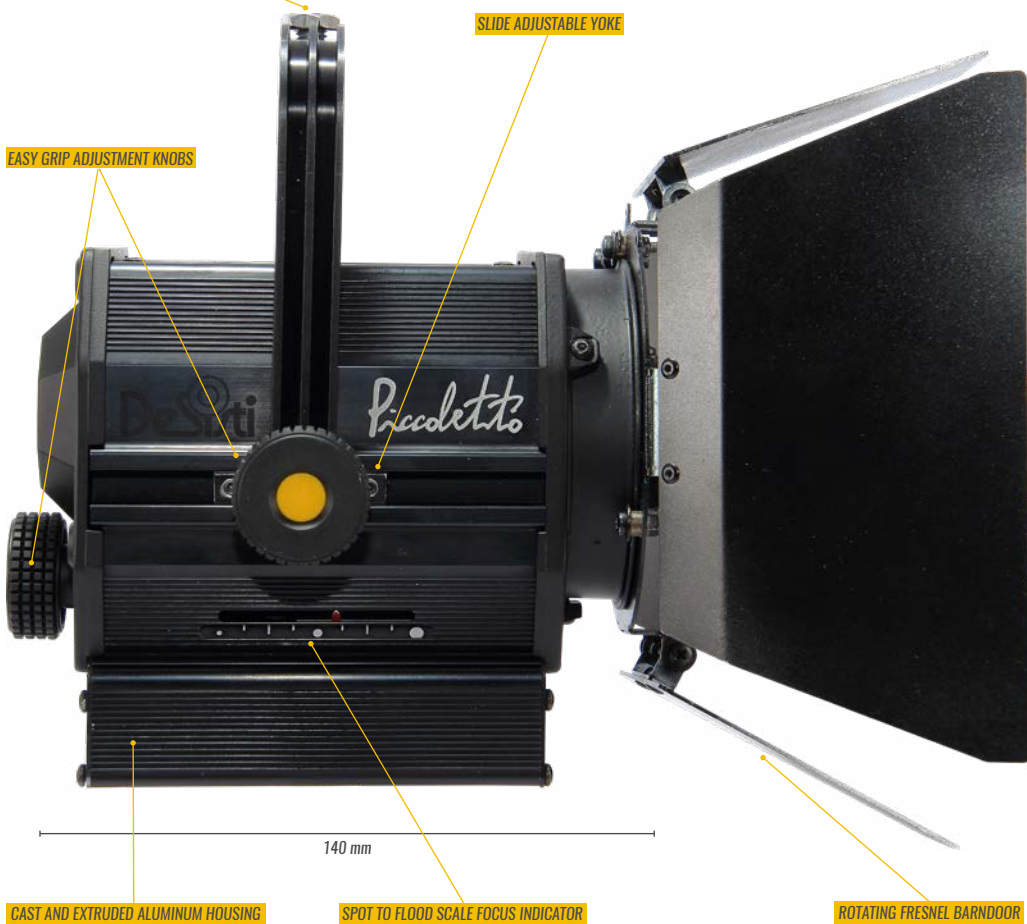
120 mm

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 for DMX, DIM or “POT” models (in Daylight) in full flood (up to 70° beam angle) exceeds 310 lux at 3 m, while output at full spot exceeds 1.223 lux.
- // Light output for VW model (in Daylight) in full flood (up to 80° beam angle) exceeds 185 lux at 3 m, while output at full spot exceeds 940 lux.
- // 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
- // Linear Bearing sliding focus mechanism which guides the LED engine. This ensures smooth operation while focusing, in any tilting position of the fixture.
- // High efficiency Self Stabilizing Silent Active Cooling: Automatic, thermal stabilization of the LED operating temperature is managed by an internal thermal sensor and CPU,

PICCOLETTO DMX FIXED WHITE



PICCOLETTO DMX VARI-WHITE



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.

// Light Intensity Control:

DMX Fixed White or Vari-White: External local potentiometer and DMX Addressing rotary switches. Full size XLR in/out for DMX control. Phase Dim

DIM: Phase Dim control

“POT”: External local potentiometer

// Power Supply:

DMX Fixed White or Vari-White: Mains or Battery Operation. (only for DMX models). Requires 14,8V D.C. supply. Plug on the back to connect battery through cables)

DIM or “POT”: Mains Operation

PICCOLETTO WITH TRACK CONNECTION



PICCOLETTO "POT" OR DIM - WITH INTERNAL PSU



// Piccoletto DMX Fixed White

Central Light intensity (Candle Power)

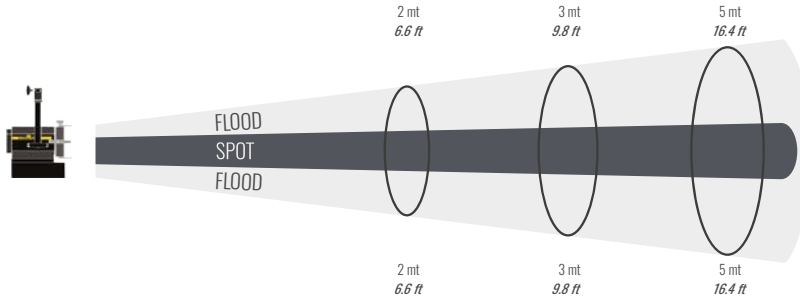
Illumination center values at Distances

3.200°K TUNGSTEN BALANCED C.C.I. (Correlated Color Temperature) - 30W (CRI 97) - TLCI: 96

FLOOD	2.646 cd	662 lux <i>61 FC</i>	294 lux <i>27 FC</i>	106 lux <i>10 FC</i>
SPOT	10.431 cd	2.608 lux <i>242 FC</i>	1.159 lux <i>108 FC</i>	417 lux <i>39 FC</i>

5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 30W (CRI 96) - TLCI: 97

FLOOD	2.943 cd	736 lux <i>68 FC</i>	327 lux <i>30 FC</i>	118 lux <i>11 FC</i>
SPOT	11.592 cd	2.898 lux <i>269 FC</i>	1.288 lux <i>120 FC</i>	464 lux <i>43 FC</i>



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

Beam Sizes

FLOOD	70°	2,80 mt <i>9.2 ft</i>	4,20 mt <i>13.8 ft</i>	7,00 mt <i>23.0 ft</i>
SPOT	16°	0,56 mt <i>1.8 ft</i>	0,84 mt <i>2.8 ft</i>	1,41 mt <i>4.6 ft</i>

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

FLOOD	82°	3,48 mt <i>11.4 ft</i>	5,22 mt <i>17.1 ft</i>	8,69 mt <i>28.5 ft</i>
SPOT	25°	0,89 mt <i>2.9 ft</i>	1,33 mt <i>4.4 ft</i>	2,22 mt <i>7.3 ft</i>

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

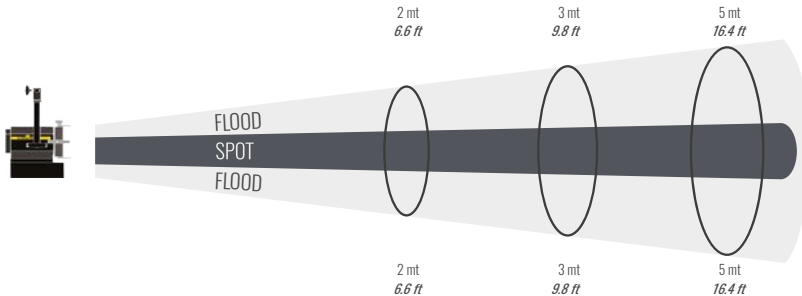
FC. AT ANY DISTANCE = Candle Power: [Distance(in ft.)]²

// Piccoletto "POT"

Central Light intensity (Candle Power)

Illumination center values at Distances

3.200°K TUNGSTEN BALANCED C.C.T. (Correlated Color Temperature) - 30W (CRI 97) - TLCI: 96				
FLOOD	2.520 cd	630 lux <i>59 FC</i>	280 lux <i>26 FC</i>	101 lux <i>9 FC</i>
SPOT	9.909 cd	2.477 lux <i>230 FC</i>	1.101 lux <i>102 FC</i>	396 lux <i>37 FC</i>
5.600°K DAYLIGHT BALANCED C.C.T. (Correlated Color Temperature) - 30W (CRI 96) - TLCI: 97				
FLOOD	2.790 cd	698 lux <i>65 FC</i>	310 lux <i>29 FC</i>	112 lux <i>10 FC</i>
SPOT	11.007 cd	2.752 lux <i>256 FC</i>	1.223 lux <i>114 FC</i>	440 lux <i>41 FC</i>



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

Beam Sizes

FLOOD	70°	2,80 mt <i>9.2 ft</i>	4,20 mt <i>13.8 ft</i>	7,00 mt <i>23.0 ft</i>
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Light beam diameter with Field Angle
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LUX AT ANY DISTANCE = Candle Power: [Distance(in m)]²

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

// Piccoletto DMX Vari-White

Central Light intensity (Candle Power)

Illumination center values at Distances

FULL FLOOD - C.C.T. tunable from 2.800°K to 6.600°K - 30W (CRI >95) - TLCI: 96

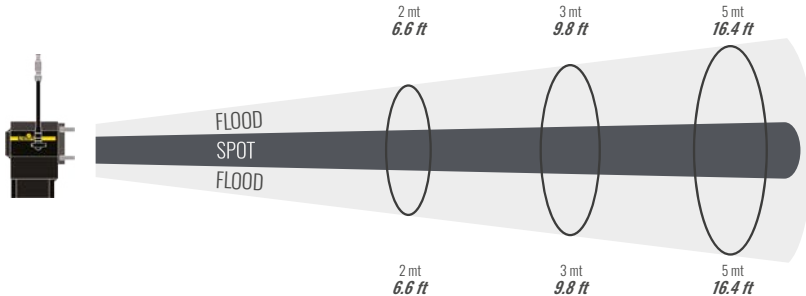
FLOOD @ 2.800°K CCT	1.632 cd	408 lux <i>38 FC</i>	181 lux <i>17 FC</i>	65 lux <i>6 FC</i>
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FLOOD @ 6.600°K CCT	1.665 cd	416 lux <i>39 FC</i>	185 lux <i>17 FC</i>	67 lux <i>6 FC</i>
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FULL SPOT - C.C.T. tunable from 2.800°K to 6.600°K - 30W (CRI >95) - TLCI: 96

SPOT @ 2.800°K CCT	8.291 cd	2.073 lux <i>193 FC</i>	921 lux <i>86 FC</i>	332 lux <i>31 FC</i>
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SPOT @ 6.600°K CCT	8.460 cd	2.115 lux <i>196 FC</i>	940 lux <i>87 FC</i>	338 lux <i>31 FC</i>
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Light beam diameter with Beam Angle
(50% of center value)

Beam Sizes

FLOOD	80°	3,36 mt <i>11.0 ft</i>	5,03 mt <i>16.5 ft</i>	8,39 mt <i>27.5 ft</i>
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SPOT	18°	0,63 mt <i>2.1 ft</i>	0,95 mt <i>3.1 ft</i>	1,58 mt <i>5.2 ft</i>
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Light beam diameter with Field Angle
(10% of center value)

FLOOD	96°	4,44 mt <i>14.6 ft</i>	6,66 mt <i>21.9 ft</i>	11,11 mt <i>36.4 ft</i>
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SPOT	30°	1,07 mt <i>3.5 ft</i>	1,61 mt <i>5.3 ft</i>	2,68 mt <i>8.8 ft</i>
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LUX AT ANY DISTANCE = Candle Power: [Distance(m.m)]²

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

// Piccoletto DIM

Central Light intensity (Candle Power)

Illumination center values at Distances

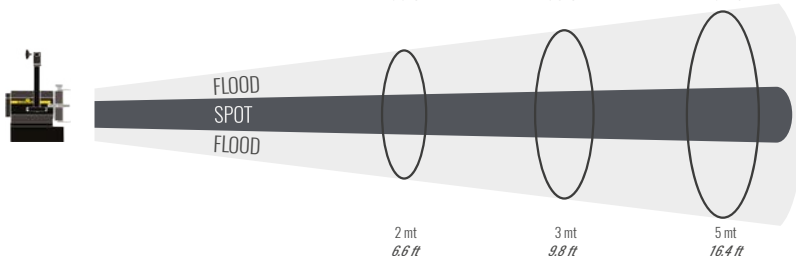
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FLOOD	2.790 cd	698 lux <i>65 FC</i>	310 lux <i>29 FC</i>	112 lux <i>10 FC</i>
SPOT	11.007 cd	2.752 lux <i>256 FC</i>	1.223 lux <i>114 FC</i>	440 lux <i>41 FC</i>

2 mt
6.6 ft 3 mt
9.8 ft 5 mt
16.4 ft



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

Beam Sizes

FLOOD	70°	2,80 mt <i>9.2 ft</i>	4,20 mt <i>13.8 ft</i>	7,00 mt <i>23.0 ft</i>
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FC. 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°)



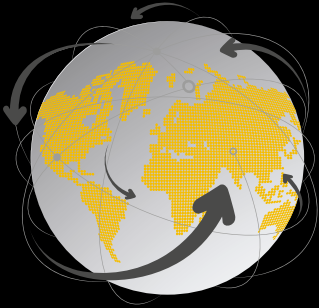
FRESNEL SINGLE SHADOW PROJECTION



PROPER LIGHT BEAM SHAPING WITH BARNDOOR



NARROW SETTING OF BARNDOOR



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