



# 300W Fresnel Head - ARRI

INCANDESCENT PHOTOMETRICS



Distance	5 ft. (1.5 m)	10 ft. (3.0 m)	15 ft. (4.6 m)	20 ft. (6.1 m)	25 ft. (7.6 m)
<b>Spot Focus Beam Angle 15°</b>					
Footcandles	673	168	75	42	27
Beam Diameter	1.3 ft.	2.6 ft.	3.9 ft.	5.3 ft.	6.6 ft.
	0.4 m	0.8 m	1.2 m	1.6 m	2.0 m
<b>Medium Focus Beam Angle 30°</b>					
Footcandles	360	90	40	23	14
Beam Diameter	2.7 ft.	5.4 ft.	8.0 ft.	10.7 ft.	13.4 ft.
	0.8 m	1.6 m	2.4 m	3.3 m	4.1 m
<b>Flood Focus Beam Angle 55°</b>					
Footcandles	180	45	20	11	7
Beam Diameter	5.2 ft.	10.4 ft.	15.6 ft.	20.8 ft.	26.0 ft.
	1.6 m	3.2 m	4.8 m	6.3 m	7.9 m

## Lens Performance

**Spot Performance at any distance:**

**Footcandles (or lux) =  $16,800 \div \text{Distance}^2$**     **Beam Diameter = Distance x 0.26**

**Medium Performance at any distance:**

**Footcandles (or lux) =  $9,000 \div \text{Distance}^2$**     **Beam Diameter = Distance x 0.54**

**Flood Focus Performance at any distance:**

**Footcandles (or lux) =  $4,500 \div \text{Distance}^2$**     **Beam Diameter = Distance x 1.04**

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