



# 2K Fresnel Head - ARRI

INCANDESCENT PHOTOMETRICS



Distance	15 ft. (4.6 m)	20 ft. (6.1 m)	25 ft. (7.6 m)	30 ft. (9.1 m)	40 ft. (12.2 m)
<b>Spot Focus Beam Angle 13°</b>					
Footcandles	930	523	335	232	131
Beam Diameter	3.4 ft.	4.6 ft.	5.7 ft.	6.8 ft.	9.1 ft.
	1.0 m	1.4 m	1.7 m	2.1 m	2.8 m
<b>Medium Focus Beam Angle 30°</b>					
Footcandles	321	181	116	80	45
Beam Diameter	8.0 ft.	10.7 ft.	13.4 ft.	16.1 ft.	21.4 ft.
	2.4 m	3.3 m	4.1 m	4.9 m	6.5 m
<b>Flood Focus Beam Angle 58°</b>					
Footcandles	135	76	49	34	19
Beam Diameter	16.6 ft.	22.2 ft.	27.7 ft.	33.3 ft.	44.3 ft.
	5.1 m	6.8 m	8.4 m	10.1 m	13.5 m

## Lens Performance

Spot Performance at any distance:

Footcandles (or lux) =  $209,175 \div \text{Distance}^2$     Beam Diameter = Distance x 0.23

Medium Performance at any distance:

Footcandles (or lux) =  $72,200 \div \text{Distance}^2$     Beam Diameter = Distance x 0.54

Flood Focus Performance at any distance:

Footcandles (or lux) =  $30,425 \div \text{Distance}^2$     Beam Diameter = Distance x 1.11

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