VL1100 Arc ERS - Photometrics

VL1100 ERS Luminaire - 575W Metal Halide				
FIELD ANGLE (Degrees)	FIELD DIAMETER TN [1]	BEAM ANGLE (Degrees)	BEAM DIAMETER TN [1]	CANDELA (cd)
19.0	.335	13.0	.228	235,300
27.0	.480	18.0	.317	123,700
36.5	.660	24.0	.425	66,500
70.0 (Super Zoom)	1.40	28.5	.508	31,600

VL1100 ERS Luminaire - 575W Metal Halide (Long-Life)				
FIELD ANGLE (Degrees)	FIELD DIAMETER TN [1]	BEAM ANGLE (Degrees)	BEAM DIAMETER TN [1]	CANDELA (cd)
19.5	.344	13.5	.237	205,400
27.0	.480	18.5	.326	104,900
36.0	.650	24.5	.434	56,400
70.0 (Super Zoom)	1.40	28.0	.499	27,000

[1] Multiply distance by Tn to determine beam/field diameter.

To calculate center beam Illuminance (I) in footcandles, at a specific distance (D): $I = cd/D^2$
- if (D) is in feet, (I) is in foot candles
- if (D) is in meters, (I) is in lux

All data taken with a seasoned light source at 20 hours of life.