



PHOTOMETRIC

VL3000 Wash Luminaire - 1200W Metal Halide

Fixture output = 35,000 lumens. All data taken with a seasoned light source at 20 hours of life.

| Diffusion | CANDELA (cd)** | BEAM ANGLE (degrees) | BEAM DIAMETER TN* | FIELD ANGLE (degrees) | FIELD DIAMETER TN* |
|------------|----------------|----------------------|-------------------|-----------------------|--------------------|
| Full Spot | 1,270,000 | 7.5 | 0.131 | 14.0 | 0.246 |
| 25% Flood | 497,000 | 10.0 | 0.175 | 22.0 | 0.389 |
| 50% Flood | 178,000 | 18.0 | 0.317 | 37.5 | 0.679 |
| 75% Flood | 94,100 | 25.0 | 0.443 | 49.5 | 0.922 |
| Full Flood | 61,100 | 30.5 | 0.545 | 60.0 | 1.155 |

* Multiply throw distance by Tn to determine coverage.

** To calculate center beam illuminance (I) at a specific distance (D): $I = \frac{cd}{D^2}$

-- if (D) is in feet, (I) is in foot candles

-- if (D) is in meters, (I) is in lux