

Luminaire Photometric Report

Filename: PAR38-7X3W-XIW-120AMD

Manufacturer: LEDTRONICS -

Luminaire: WITH CLEAR LENS, 120VAC, 17.4W, 19.3VA, 0.903 PF

Luminaire Cat: PAR38-7X3W-XIW-120AMD

Lamp: . LUMEN RATING: 671.7Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 671.7

Max Candela: 1,115.0 at Horizontal: 0, Vertical: 0

Luminous Opening: Point

Test: 4-13-09

Flood Summary

Efficiency Lumens Horizontal Spread Vertical Spread

| | | | | |
|--------------|-------|-------|------|------|
| Field (10%): | 87.8% | 589.8 | 71.8 | 71.8 |
| Beam (50%): | 58.9% | 395.3 | 46.4 | 46.4 |
| Total: | 100% | 671.7 | | |

Zonal Lumen Summary

| Zone | Lumens | % Lamp | % Luminaire |
|-------|--------|--------|-------------|
| 0-30 | 529.6 | 78.8% | 79.2% |
| 0-40 | 610.4 | 90.9% | 91.3% |
| 0-60 | 656.0 | 97.7% | 98.1% |
| 60-90 | 12.9 | 1.9% | 1.9% |
| 0-90 | 668.9 | 99.6% | 100% |
| 0-180 | 668.9 | 99.6% | 100% |

Total Efficiency: 99.6%

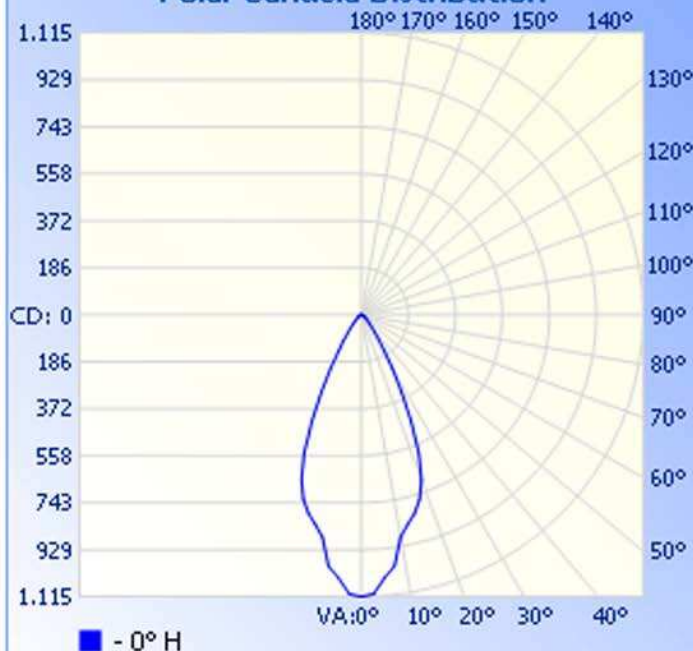
Illuminance at a Distance

Center Beam FC Beam Width

| | | |
|--------|------------------|--------------|
| 1.7ft | 401.40 fc | 1.4ft |
| 3.3ft | 100.35 fc | 2.9ft |
| 5.0ft | 44.60 fc | 4.3ft |
| 6.7ft | 25.09 fc | 5.7ft |
| 8.3ft | 16.06 fc | 7.1ft |
| 10.0ft | 11.15 fc | 8.6ft |

■ Beam Spread: 46.4°

Polar Candela Distribution



Isofootcandle Plot

