

Luminaire Photometric Report

Filename: LED24T85M-144-XPW-001WF

Manufacturer: LEDTRONICS -

Luminaire: FROSTED LENS, 8.5W, 120VAC

Luminaire Cat: LED24T85M-144-XPW-001WF

Lamp: LUMEN RATING: 638.2Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 638.2

Max Candela: 200.0 at Horizontal: 0, Vertical: 0

Luminous Opening: Point

Test: 3-31-10

Flood Summary

Efficiency Lumens Horizontal Spread Vertical Spread

| | | | | |
|--------------|-------|-------|-------|-------|
| Field (10%): | 99.9% | 637.6 | n/a | 166 |
| Beam (50%): | 67.5% | 430.6 | 125.3 | 104.5 |
| Total: | 100% | 638.2 | | |

Zonal Lumen Summary

| Zone | Lumens | % Lamp | % Luminaire |
|-------|--------|--------|-------------|
| 0-30 | 152.8 | 23.9% | 24% |
| 0-40 | 249.7 | 39.1% | 39.2% |
| 0-60 | 445.2 | 69.8% | 69.9% |
| 60-90 | 191.6 | 30% | 30.1% |
| 0-90 | 636.8 | 99.8% | 100% |
| 0-180 | 636.8 | 99.8% | 100% |

Total Efficiency: 99.8%

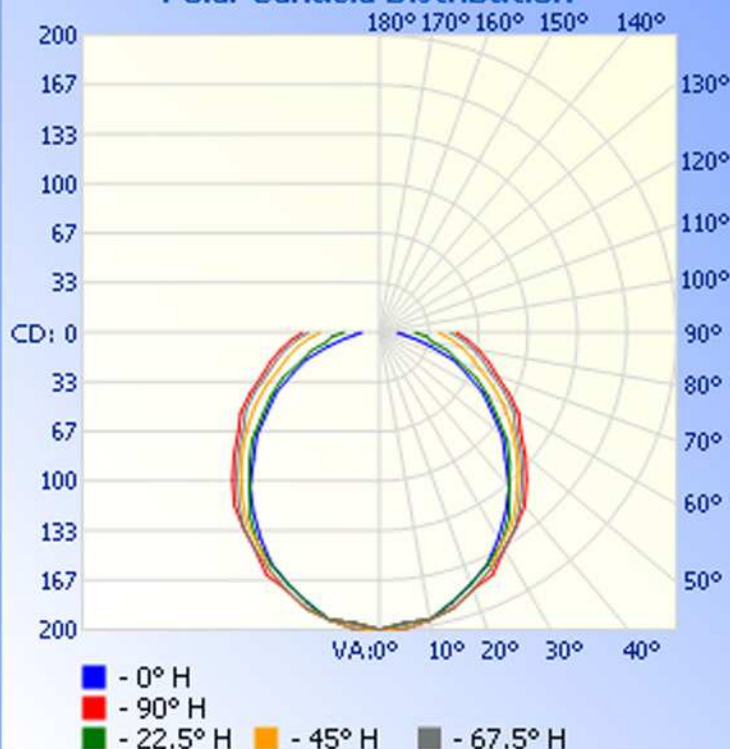
Illuminance at a Distance

Center Beam FC Beam Width

| | | | |
|--------|-----------------|---------------|---------------|
| 1.7ft | 72.00 fc | 4.3ft | 6.4ft |
| 3.3ft | 18.00 fc | 8.6ft | 12.9ft |
| 5.0ft | 8.00 fc | 12.9ft | 19.3ft |
| 6.7ft | 4.50 fc | 17.2ft | 25.8ft |
| 8.3ft | 2.88 fc | 21.5ft | 32.2ft |
| 10.0ft | 2.00 fc | 25.9ft | 38.7ft |

■ Vert. Spread: 104.5° ■ Horiz. Spread: 125.3°

Polar Candela Distribution



Isofootcandle Plot

