

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%

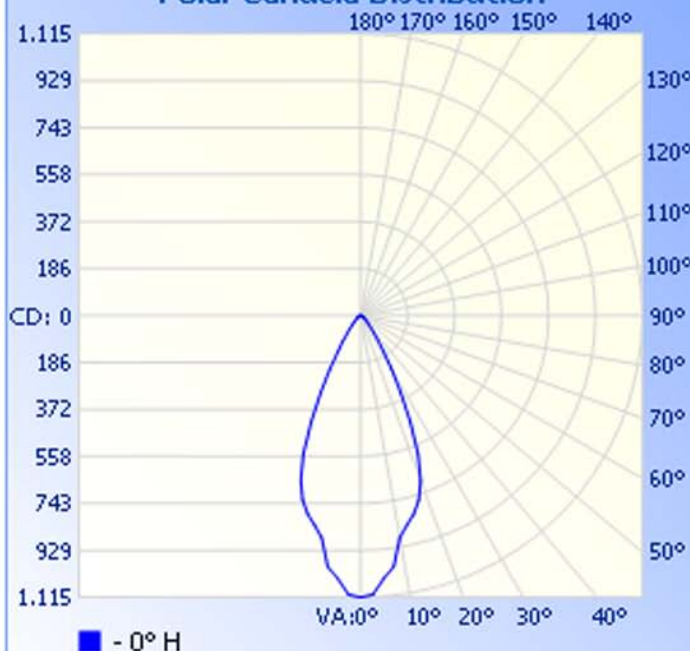
Illuminance at a Distance

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

