

# Luminaire Photometric Report

Filename: MR16-42-SIW-001M

Manufacturer: LEDTRONICS -

Luminaire: WITH NO LENS, 14VAC, 1.6W

Luminaire Cat: MR16-42-SIW-001M

Lamp: . LUMEN RATING: 109.9Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 109.9

Max Candela: 227.0 at Horizontal: 0, Vertical: 0

Luminous Opening: Point

Test: 7-29-09

## Flood Summary

Efficiency Lumens Horizontal Spread Vertical Spread

Field (10%): 69.8% 76.7 59.9 59.9

Beam (50%): 39.3% 43.2 33.7 33.7

Total: 100% 109.9

## Illuminance at a Distance

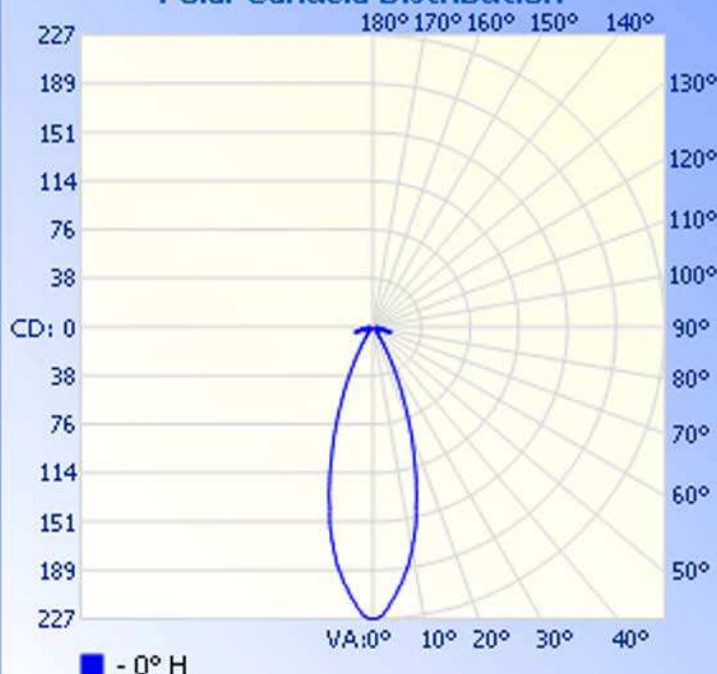
Center Beam FC

Beam Width

1.7ft	81.72 fc	1.0ft
3.3ft	20.43 fc	2.0ft
5.0ft	9.08 fc	3.0ft
6.7ft	5.11 fc	4.0ft
8.3ft	3.27 fc	5.0ft
10.0ft	2.27 fc	6.1ft

■ Beam Spread: 33.7°

## Polar Candela Distribution



## Isofootcandle Plot

