

# 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		

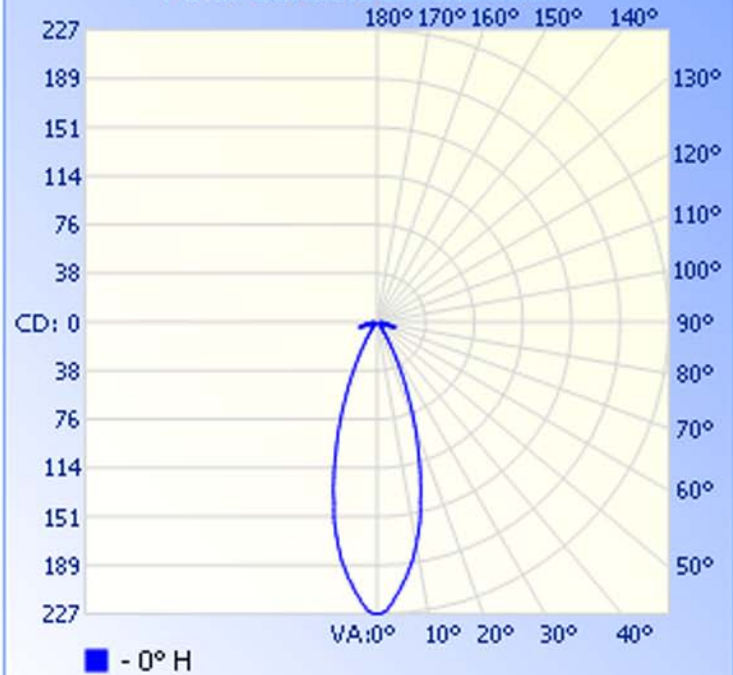
## Illuminance at a Distance

Center Beam FC Beam Width

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

■ Beam Spread: 33.7°

## Polar Candela Distribution



## Isofootcandle Plot

