



## Optics Photometric Report

**Filename:** FA11904\_TINA3-  
WWW\_Cree\_XD16\_2x2cluster\_SIMULATED\_IESNA

**Manufacturer:** Ledil Oy

**Luminaire:** FA11904\_TINA3-WWW\_SIMULATED

**Luminaire Cat:** FA11904\_TINA3-WWW\_SIMULATED

**Lamp:** Cree\_XD16\_2x2cluster

**Lamp Cat:** FA11904\_TINA3-WWW\_SIMULATED

**Lamp Output:** 1 lamp, rated Lumens/lamp: 100

**Max Candela:** 51.9 at Horizontal: 225°, Vertical: 16°

**Input Wattage:** 1

**Luminous Opening:** Rectangle w/Luminous Sides (L: 0.02M, W: 0.02M, H: 0.01M)

**Test:** Zemax

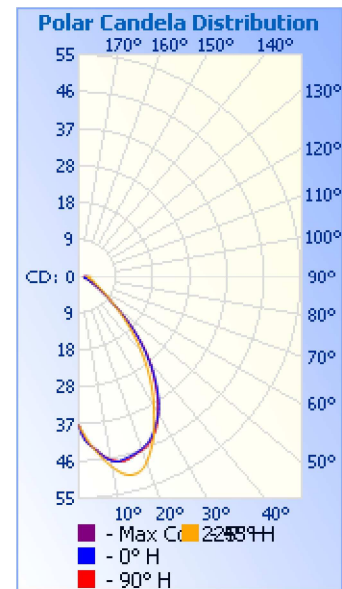
**Test Date:** 1 Feb 2018

**Test Lab:** Zemax

**FLASHAREA:** 0.000172

**Photometry :** Type C

**Nema Type:** 6 X 6



### Roadway Summary

Cutoff Classification:	SEMICUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	3.5
Max Cd, 80 to <90 Deg:	2.7
Lumens % Lamp	
Downward Street Side:	43.5 43.5%
Downward House Side:	43.8 43.8%
Downward Total:	87.3 87.3%
Total Lumens:	87.3 87.3%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	78.9%	78.9	115.7	116.6
Beam (50%):	56.9%	56.9	76.6	77.1
Total:	87.3%	87.3		

