



## Optics Photometric Report

**Filename:** CA15946\_STRADA-SQ-T2-B\_(Cree\_XP-E2)\_SIMULATED\_IESNA

**Manufacturer:** LediL Oy

**Luminaire:** CA15946\_STRADA-SQ-T2-B\_(Cree\_XP-E2)\_SIMULATED

**Luminaire Cat:** CA15946\_STRADA-SQ-T2-B\_(Cree\_XP-E2)\_SIMULATED

**Lamp:** Cree\_XP-E2 - 1.00 W

**Lamp Cat:** CA15946\_STRADA-SQ-T2-B\_(Cree\_XP-E2)\_SIMULATED

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

**Max Candela:** 113.0 at Horizontal: 280°, Vertical: 70°

**Input Wattage:** 1

**Luminous Opening:** Rectangle w/Luminous Sides (L: 0.03M, W: 0.03M, H: 0.01M)

**Test:** Zemax

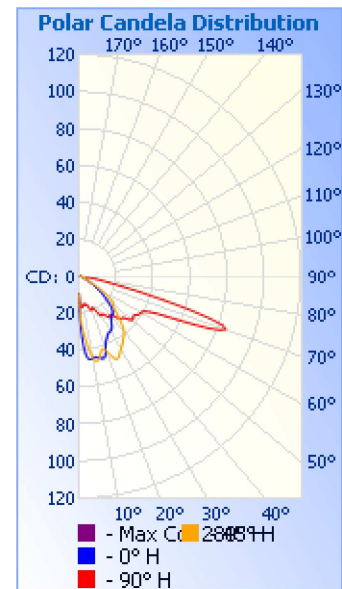
**Test Date:** 4 Apr 2018

**Test Lab:** Zemax

**FLASHAREA:** 0.000402

**Photometry :** Type C

**Nema Type:** 7 X 6



### Roadway Summary

Cutoff Classification:	SEMICUTOFF	
Distribution:	TYPE II, MEDIUM	
Max Cd, 90 Deg Vert:	2.0	
Max Cd, 80 to <90 Deg:	13.2	
	Lumens % Lamp	
Downward Street Side:	78.3	78.3%
Downward House Side:	12.6	12.6%
Downward Total:	90.8	90.8%
Total Lumens:	90.8	90.8%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	81.1%	81.1	157.7	100.9
Beam (50%):	25.6%	25.6	31.6	54.1
Total:	90.8%	90.8		

