



Optics Photometric Report

Filename: CA16015_STRADA-SQ-SCL_(Cree_XP-G2)_SIMULATED_IESNA

Manufacturer: LediL Oy

Luminaire: CA16015_STRADA-SQ-SCL_(Cree_XP-G2)_SIMULATED

Luminaire Cat: CA16015_STRADA-SQ-SCL_(Cree_XP-G2)_SIMULATED

Lamp: Cree_XP-G2 - 1.00 W

Lamp Cat: CA16015_STRADA-SQ-SCL_(Cree_XP-G2)_SIMULATED

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

Max Candela: 103.9 at Horizontal: 280°, Vertical: 77°

Input Wattage: 1

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

Test: Zemax

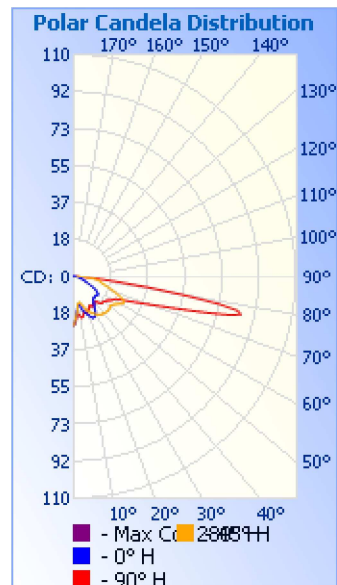
Test Date: 19 Apr 2018

Test Lab: Zemax

FLASHAREA: 0.000401

Photometry : Type C

Nema Type: 7 X 7



Roadway Summary

Cutoff Classification:	NONCUTOFF	
Distribution:	TYPE III, LONG	
Max Cd, 90 Deg Vert:	2.6	
Max Cd, 80 to <90 Deg:	65.3	
	Lumens % Lamp	
Downward Street Side:	67.4	67.4%
Downward House Side:	21.9	21.9%
Downward Total:	89.3	89.3%
Total Lumens:	89.3	89.3%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	80%	80.0	163.7	134.5
Beam (50%):	22.1%	22.1	26.8	107.9
Total:	89.2%	89.2		

