



Optics Photometric Report

Filename: C13937_STRADA-2x2-C-STP_Nichia_NVSW219D_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C13937_STRADA-2x2-C-STP_SIMULATED

Luminaire Cat: C13937_STRADA-2x2-C-STP_SIMULATED

Lamp: Nichia_NVSW219D

Lamp Cat: C13937_STRADA-2x2-C-STP_SIMULATED

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

Max Candela: 31.9 at Horizontal: 55°, Vertical: 43°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.05M, W: 0.05M, H: 0.01M)

Test: Zemax

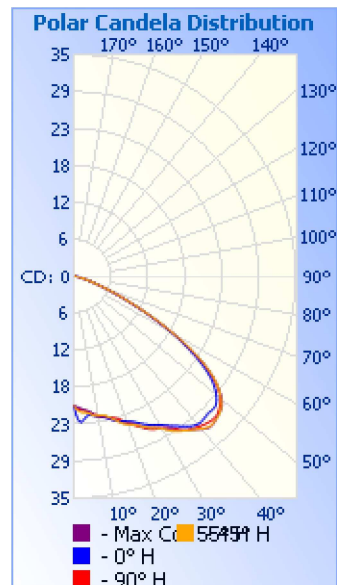
Test Date: 9 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.000909

Photometry : Type C

Nema Type: 7 X 7



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	1.4
Max Cd, 80 to <90 Deg:	0.7
Lumens % Lamp	
Downward Street Side:	47.8 47.8%
Downward House Side:	47.3 47.3%
Downward Total:	95.1 95.1%
Total Lumens:	95.1 95.1%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	93.3%	93.3	136.3	132.2
Beam (50%):	84.9%	84.9	114.7	107.4
Total:	95%	95.0		

