



Optics Photometric Report

Filename: C15021_STRADA-2x2-SCL_Nichia_NVSW219D_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C15021_STRADA-2x2-SCL_SIMULATED

Luminaire Cat: C15021_STRADA-2x2-SCL_SIMULATED

Lamp: Nichia_NVSW219D

Lamp Cat: C15021_STRADA-2x2-SCL_SIMULATED

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

Max Candela: 66.1 at Horizontal: 75°, Vertical: 76°

Input Wattage: 1

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

Test: Zemax

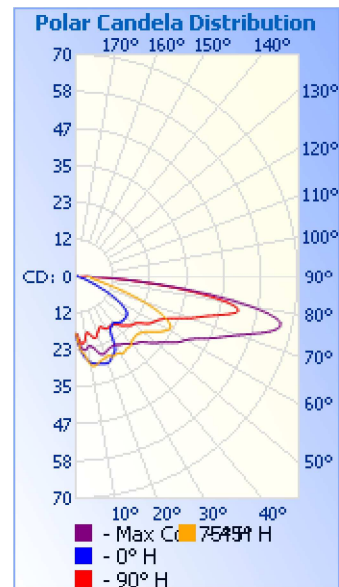
Test Date: 9 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.000983

Photometry : Type C

Nema Type: 7 X 7



Roadway Summary

Cutoff Classification: NONCUTOFF

Distribution: TYPE IV, LONG

Max Cd, 90 Deg Vert: 5.5

Max Cd, 80 to <90 Deg: 57.0

Lumens % Lamp

Downward Street Side: 72.1 72.1%

Downward House Side: 18.7 18.7%

Downward Total: 90.8 90.8%

Total Lumens: 90.8 90.8%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	83.8%	83.8	172.3	161.6
Beam (50%):	30.3%	30.3	42.8	81.7
Total:	90.8%	90.8		

