



Optics Photometric Report

Filename: C15962_STRADA-2X2-FS3_Nichia_NVSWE21A_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C15962_STRADA-2X2-FS3_Nichia_NVSWE21A_SIMULATED

Luminaire Cat: C15962_STRADA-2X2-FS3_Nichia_NVSWE21A_SIMULATED

Lamp: Nichia_NVSWE21A

Lamp Cat: C15962_STRADA-2X2-FS3_Nichia_NVSWE21A_SIMULATED

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

Max Candela: 190.2 at Horizontal: 10°, Vertical: 58°

Input Wattage: 1

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

Test: Zemax

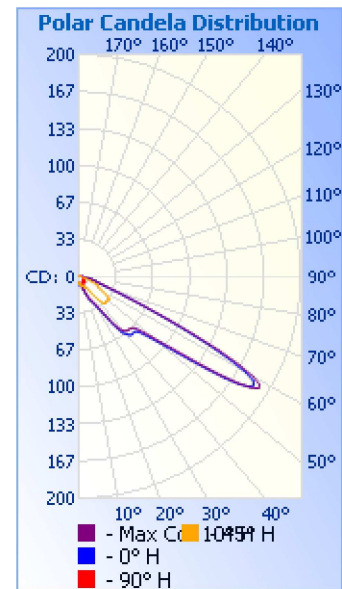
Test Date: 23 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.001187

Photometry : Type C

Nema Type: 4 X 4



Roadway Summary

Cutoff Classification: SEMICUTOFF

Distribution: TYPE III, VERY SHORT

Max Cd, 90 Deg Vert: 4.2

Max Cd, 80 to <90 Deg: 5.9

Lumens % Lamp

Downward Street Side: 68.9 68.9%

Downward House Side: 21.1 21.1%

Downward Total: 90.0 90%

Total Lumens: 90.0 90%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	58.5%	58.5	67.8	48.4
Beam (50%):	21.4%	21.4	44.7	13.2
Total:	90%	90.0		

