



Optics Photometric Report

Filename: C15246_STRADELLA-HB-M_Nichia_NVSL219CT_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C15246_STRADELLA-HB-M_SIMULATED

Luminaire Cat: C15246_STRADELLA-HB-M_SIMULATED

Lamp: Nichia_NVSL219CT

Lamp Cat: C15246_STRADELLA-HB-M_SIMULATED

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

Max Candela: 61.3 at Horizontal: 290°, Vertical: 3°

Input Wattage: 1

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

Test: Zemax

Test Date: 1 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.000123

Photometry : Type C

Nema Type: 6 X 6

Roadway Summary

Cutoff Classification:	SEMICUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	2.6
Max Cd, 80 to <90 Deg:	1.8
Lumens % Lamp	
Downward Street Side:	48.5 48.5%
Downward House Side:	46.9 46.9%
Downward Total:	95.3 95.3%
Total Lumens:	95.3 95.3%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	90.7%	90.7	126.6	125.8
Beam (50%):	44.8%	44.8	66.9	68.2
Total:	95.3%	95.3		

