



## Optics Photometric Report

**Filename:** C15245\_STRADELLA\_HB\_S\_(NVSL219CT)\_SIMULATED\_IESNA

**Manufacturer:** Ledil Oy

**Luminaire:** C15245\_STRADELLA\_HB\_S\_SIMULATED

**Luminaire Cat:** C15245\_STRADELLA\_HB\_S\_SIMULATED

**Lamp:** NICHIA NVSL219CT

**Lamp Cat:** C15245\_STRADELLA\_HB\_S\_SIMULATED

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

**Max Candela:** 160,7 at Horizontal: 115°, Vertical: 1°

**Input Wattage:** 1

**Luminous Opening:** Rectangle w/Luminous Sides (L: 0,01M, W: 0,01M, H: 0,01M)

**Test:** Zemax

**Test Date:** 19 Dec 2017

**Test Lab:** Zemax

**FLASHAREA:** 0.000148

**Photometry :** Type C

**Nema Type:** 5 X 5

### Roadway Summary

Cutoff Classification:	SEMICUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	2,8
Max Cd, 80 to <90 Deg:	2,1

	Lumens % Lamp	
Downward Street Side:	47,4	47,4%
Downward House Side:	45,9	45,9%
Downward Total:	93,3	93,3%
Total Lumens:	93,3	93,3%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	75,7%	75,7	85,9	86,6
Beam (50%):	27,4%	27,4	31,5	31,1
Total:	93,3%	93,3		

