



Optics Photometric Report

Filename: C15594_STRADA-2X2-MEW_(NVSxE21A)_(GLASS)_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C15594_STRADA-2X2-MEW_(NVSxE21A)_(GLASS)_SIMULATED

Luminaire Cat: C15594_STRADA-2X2-MEW_(NVSxE21A)_(GLASS)_SIMULATED

Lamp: Nichia NVSWE21A

Lamp Cat: C15594_STRADA-2X2-MEW_(NVSxE21A)_(GLASS)_SIMULATED

Lamp Output: 1 lamp, rated Lumens/lamp: 400

Max Candela: 383,9 at Horizontal: 60°, Vertical: 59°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0,2M, W: 0,2M, H: 0,02M)

Test: SIMULATION

Test Date: 15 Dec 2017

Test Lab: Ledil Oy

FLASHAREA: 0.014334

Photometry : Type C

Nema Type: 6 X 4

Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	TYPE II, SHORT
Max Cd, 90 Deg Vert:	0,4
Max Cd, 80 to <90 Deg:	7,9
Lumens % Lamp	
Downward Street Side:	303,1 75,8%
Downward House Side:	42,7 10,7%
Downward Total:	345,9 86,5%
Total Lumens:	345,9 86,5%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	77,1%	308,5	124,9	69,8
Beam (50%):	36,1%	144,5	113,4	33,8
Total:	86,4%	345,8		

