



Optics Photometric Report

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

Manufacturer: Ledil Oy

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

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

Lamp: NICHIA NVSWE21A

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

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

Max Candela: 438,7 at Horizontal: 60°, Vertical: 60°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0,05M, W: 0,05M, H: 0,01M)

Test: SIMULATION

Test Date: 15 Dec 2017

Test Lab: Ledil Oy

FLASHAREA: 0.001138

Photometry : Type C

Nema Type: 6 X 4

Roadway Summary

Cutoff Classification:		SEMICUTOFF
Distribution:		TYPE II, SHORT
Max Cd, 90 Deg Vert:		14,9
Max Cd, 80 to <90 Deg:		27,0
	Lumens	% Lamp
Downward Street Side:	330,3	82,6%
Downward House Side:	47,8	11,9%
Downward Total:	378,1	94,5%
Total Lumens:	378,1	94,5%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	82,4%	329,8	125,5	68,6
Beam (50%):	32,8%	131,0	37,7	32
Total:	94,5%	378,0		

