



Optics Photometric Report

Filename: C15021_STRADA-2X2-SCL_Nichia_NVSL219B-V1(3000K, R8000)
_Tempered glass 4mm_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C15021_STRADA-2X2-SCL_with_glass_SIMULATED

Luminaire Cat: C15021_STRADA-2X2-SCL_with_glass_SIMULATED

Lamp: Nichia_NVSL219B-V1(3000K, R8000)

Lamp Cat: C15021_STRADA-2X2-SCL_with_glass_SIMULATED

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

Max Candela: 204.5 at Horizontal: 285°, Vertical: 75°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.05M, W: 0.05M, H: 0.08M)

Test: Zemax

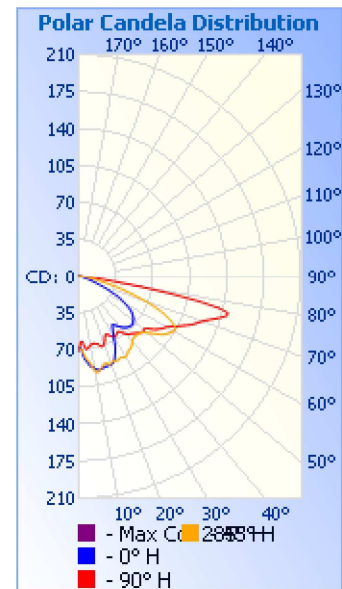
Test Date: 8 Nov 2017

Test Lab: Zemax

FLASHAREA: 0.004389

Photometry : Type C

Nema Type: 7 X 7



Roadway Summary

Cutoff Classification:	NONCUTOFF	
Distribution:	TYPE III, MEDIUM	
Max Cd, 90 Deg Vert:	2.5	
Max Cd, 80 to <90 Deg:	85.7	
	Lumens % Lamp	
Downward Street Side:	220.6	55.2%
Downward House Side:	54.6	13.6%
Downward Total:	275.2	68.8%
Total Lumens:	275.2	68.8%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	63.7%	254.8	158.7	133.6
Beam (50%):	25.4%	101.6	40.4	75.5
Total:	68.8%	275.2		

