



Optics Photometric Report

Filename: C16373_SITARA-T1-A_(Osram_OSCONIQ P 3737 (2W version))
_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C16373_SITARA-T1-A_(Osram_OSCONIQ P 3737 (2W version))
_SIMULATED

Luminaire Cat: C16373_SITARA-T1-A_(Osram_OSCONIQ P 3737 (2W version))
_SIMULATED

Lamp: Osram_OSCONIQ P 3737 (2W version) - 1.00 W

Lamp Cat: C16373_SITARA-T1-A_(Osram_OSCONIQ P 3737 (2W version))
_SIMULATED

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

Max Candela: 97.3 at Horizontal: 80°, Vertical: 58°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.02M, W: 0.02M, H: 0.01M)

Test: Zemax

Test Date: 19 Apr 2018

Test Lab: Zemax

FLASHAREA: 0.000181

Photometry : Type C

Nema Type: 7 X 5

Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	TYPE I, SHORT	
Max Cd, 90 Deg Vert:	1.9	
Max Cd, 80 to <90 Deg:	4.1	
	Lumens % Lamp	
Downward Street Side:	48.9	48.9%
Downward House Side:	42.0	42%
Downward Total:	90.9	90.9%
Total Lumens:	90.9	90.9%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	81.6%	81.6	142.8	97.8
Beam (50%):	23.1%	23.1	14.5	67.2
Total:	90.9%	90.9		

