



Optics Photometric Report

Filename: C16373_SITARA-T1-A_(Osram_Duris S8)_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C16373_SITARA-T1-A_(Osram_Duris S8)_SIMULATED

Luminaire Cat: C16373_SITARA-T1-A_(Osram_Duris S8)_SIMULATED

Lamp: Osram_Duris S8 - 1.00 W

Lamp Cat: C16373_SITARA-T1-A_(Osram_Duris S8)_SIMULATED

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

Max Candela: 62.3 at Horizontal: 275°, Vertical: 52°

Input Wattage: 1

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

Test: Zemax

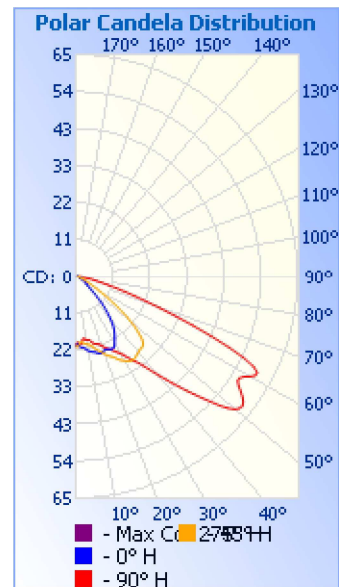
Test Date: 19 Apr 2018

Test Lab: Zemax

FLASHAREA: 0.000181

Photometry : Type C

Nema Type: 7 X 6



Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	TYPE I, SHORT	
Max Cd, 90 Deg Vert:	1.7	
Max Cd, 80 to <90 Deg:	3.1	
Lumens % Lamp		
Downward Street Side:	47.3	47.3%
Downward House Side:	44.3	44.3%
Downward Total:	91.6	91.6%
Total Lumens:	91.6	91.6%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	86%	86.0	152.3	113.4
Beam (50%):	39%	39.0	33	76.3
Total:	91.6%	91.6		

