



Optics Photometric Report

Filename: C16005_STRADELLA-8-T1-A_(LH351C)_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C16005_STRADELLA-8-T1-A_(LH351C)_SIMULATED

Luminaire Cat: C16005_STRADELLA-8-T1-A_(LH351C)_SIMULATED

Lamp: Samsung LH351C

Lamp Cat: C16005_STRADELLA-8-T1-A_(LH351C)_SIMULATED

Lamp Output: 1 lamp, rated Lumens/lamp: 800

Max Candela: 747,7 at Horizontal: 275°, Vertical: 53°

Input Wattage: 1

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

Test: SIMULATION

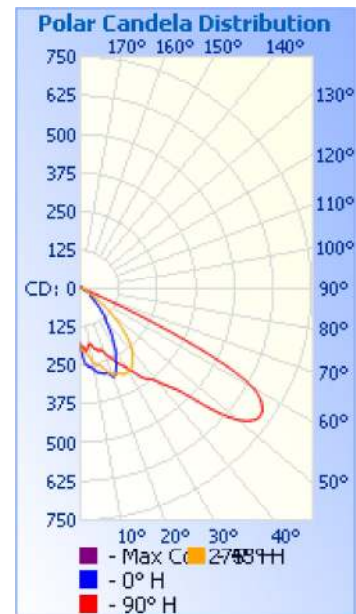
Test Date: 4 Sep 2017

Test Lab: Ledil Oy

FLASHAREA: 0.000896

Photometry : Type C

Nema Type: 7 X 5



Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	TYPE I, SHORT	
Max Cd, 90 Deg Vert:	16,6	
Max Cd, 80 to <90 Deg:	18,1	
	Lumens % Lamp	
Downward Street Side:	465,8	58,2%
Downward House Side:	290,9	36,4%
Downward Total:	756,7	94,6%
Total Lumens:	756,7	94,6%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	84,8%	678,3	134	93
Beam (50%):	36,3%	290,1	30,8	62,6
Total:	94,6%	756,5		

