



Optics Photometric Report

Filename: CS16323_STRADELLA-IP-28-HB-M_SAMSUNG_LH351B_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CS16323_STRADELLA-IP-28-HB-M_SIMULATED

Luminaire Cat: CS16323_STRADELLA-IP-28-HB-M_SIMULATED

Lamp: SAMSUNG_LH351B

Lamp Cat: CS16323_STRADELLA-IP-28-HB-M_SIMULATED

Lamp Output: 1 lamp, rated Lumens/lamp: 2800

Max Candela: 1 925.7 at Horizontal: 125°, Vertical: 2°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.1M, W: 0.1M, H: 0.01M)

Test: Zemax

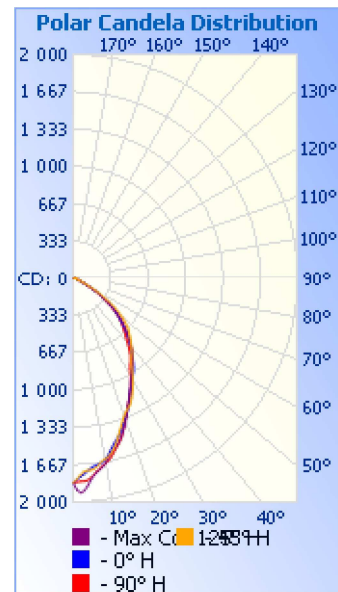
Test Date: 28 Nov 2017

Test Lab: Zemax

FLASHAREA: 0.003341

Photometry : Type C

Nema Type: 6 X 6



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	33.8
Max Cd, 80 to <90 Deg:	17.7
Lumens % Lamp	
Downward Street Side:	1 360.1 48.6%
Downward House Side:	1 315.6 47%
Downward Total:	2 675.7 95.6%
Total Lumens:	2 675.7 95.6%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	91.3%	2 555.4	118.9	118.7
Beam (50%):	48.3%	1 351.4	65.6	67.4
Total:	95.5%	2 675.2		

