



Optics Photometric Report

Filename: CS16322_STRADELLA-IP-28-HB-S_SAMSUNG_LH351B_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CS16322_STRADELLA-IP-28-HB-S_SIMULATED

Luminaire Cat: CS16322_STRADELLA-IP-28-HB-S_SIMULATED

Lamp: SAMSUNG_LH351B

Lamp Cat: CS16322_STRADELLA-IP-28-HB-S_SIMULATED

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

Max Candela: 4 721.1 at Horizontal: 70°, Vertical: 2°

Input Wattage: 1

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

Test: Zemax

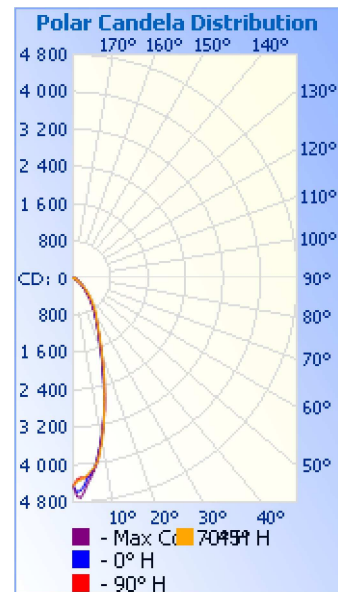
Test Date: 24 Nov 2017

Test Lab: Zemax

FLASHAREA: 0.003341

Photometry : Type C

Nema Type: 5 X 5



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	48.0
Max Cd, 80 to <90 Deg:	28.6
Lumens % Lamp	
Downward Street Side:	1 331.6 47.6%
Downward House Side:	1 286.6 45.9%
Downward Total:	2 618.2 93.5%
Total Lumens:	2 618.2 93.5%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	78.7%	2 204.8	82	82
Beam (50%):	30%	839.6	33.1	32.1
Total:	93.5%	2 618.2		

