



Optics Photometric Report

Filename: CS16322_STRADELLA-IP-28-HB-S_SAMSUNG_LH351C_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CS16322_STRADELLA-IP-28-HB-S_SIMULATED

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

Lamp: SAMSUNG_LH351C

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

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

Max Candela: 4 161.4 at Horizontal: 345°, Vertical: 2°

Input Wattage: 1

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

Test: Zemax

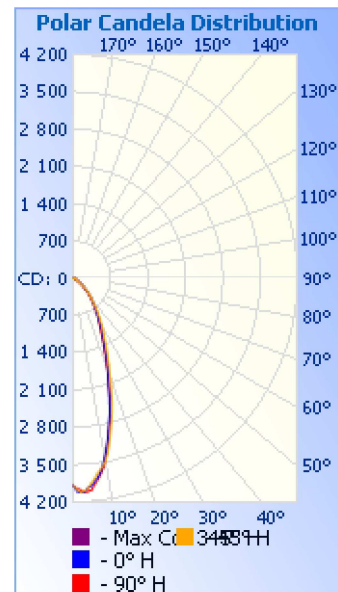
Test Date: 24 Nov 2017

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:	35.5
Max Cd, 80 to <90 Deg:	24.8
Lumens % Lamp	
Downward Street Side:	1 345.6 48.1%
Downward House Side:	1 280.6 45.7%
Downward Total:	2 626.2 93.8%
Total Lumens:	2 626.2 93.8%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	82.1%	2 297.7	87.1	87.1
Beam (50%):	35.3%	988.2	37.2	36.4
Total:	93.8%	2 625.9		

