



Optics Photometric Report

Filename: C15430_STRADELLA-16-HB-S_SAMSUNG_LH351B_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C15430_STRADELLA-16-HB-S_SIMULATED

Luminaire Cat: C15430_STRADELLA-16-HB-S_SIMULATED

Lamp: SAMSUNG_LH351B

Lamp Cat: C15430_STRADELLA-16-HB-S_SIMULATED

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

Max Candela: 162.7 at Horizontal: 150°, Vertical: 2°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.5M, W: 0.5M, H: 0.08M)

Test: Zemax

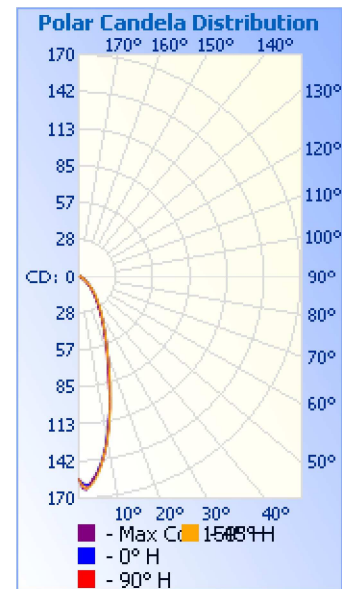
Test Date: 13 Nov 2017

Test Lab: Zemax

FLASHAREA: 0.095299

Photometry : Type C

Nema Type: 5 X 5



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	2.2
Max Cd, 80 to <90 Deg:	1.6
Lumens % Lamp	
Downward Street Side:	47.8 47.8%
Downward House Side:	46.3 46.3%
Downward Total:	94.0 94%
Total Lumens:	94.0 94%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	78.4%	78.4	82.9	82.8
Beam (50%):	30.6%	30.6	32.8	33.3
Total:	94%	94.0		

