



Optics Photometric Report

Filename: C15431_STRADELLA-16-HB-M_SAMSUNG_LH351B_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C15431_STRADELLA-16-HB-M_SIMULATED

Luminaire Cat: C15431_STRADELLA-16-HB-M_SIMULATED

Lamp: SAMSUNG_LH351B

Lamp Cat: C15431_STRADELLA-16-HB-M_SIMULATED

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

Max Candela: 69.5 at Horizontal: 210°, Vertical: 1°

Input Wattage: 1

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

Test: Zemax

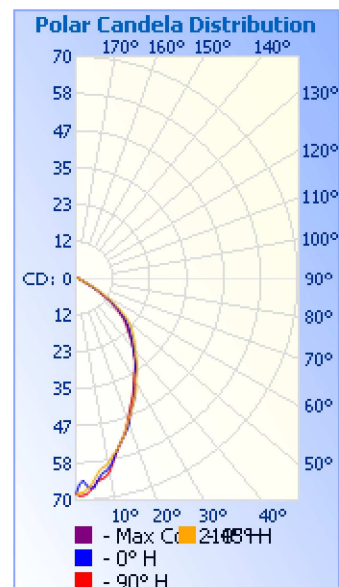
Test Date: 13 Nov 2017

Test Lab: Zemax

FLASHAREA: 0.095299

Photometry : Type C

Nema Type: 6 X 6



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	1.5
Max Cd, 80 to <90 Deg:	1.0
Lumens % Lamp	
Downward Street Side:	49.0 49%
Downward House Side:	47.3 47.3%
Downward Total:	96.3 96.3%
Total Lumens:	96.3 96.3%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	91.8%	91.8	119.3	119.2
Beam (50%):	46.9%	46.9	65.8	65.8
Total:	96.3%	96.3		

