



## Optics Photometric Report

**Filename:** C15430\_STRADELLA-16-HB-S\_SAMSUNG\_LH351C\_SIMULATED\_IESNA

**Manufacturer:** Ledil Oy

**Luminaire:** C15430\_STRADELLA-16-HB-S\_SIMULATED

**Luminaire Cat:** C15430\_STRADELLA-16-HB-S\_SIMULATED

**Lamp:** SAMSUNG\_LH351C

**Lamp Cat:** C15430\_STRADELLA-16-HB-S\_SIMULATED

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

**Max Candela:** 147.1 at Horizontal: 65°, Vertical: 2°

**Input Wattage:** 1

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

**Test:** Zemax

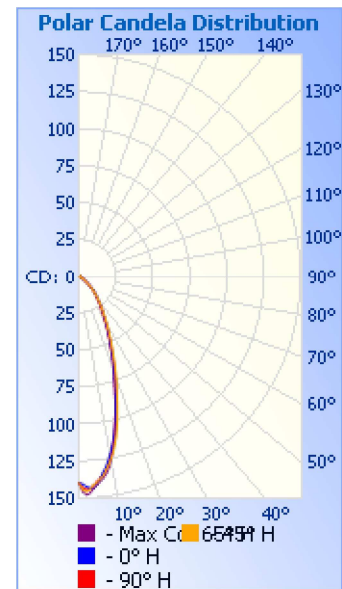
**Test Date:** 13 Nov 2017

**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:	1.8
Max Cd, 80 to <90 Deg:	1.9
Lumens % Lamp	
Downward Street Side:	48.0 48%
Downward House Side:	45.7 45.7%
Downward Total:	93.7 93.7%
Total Lumens:	93.7 93.7%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	82%	82.0	87	87
Beam (50%):	35.9%	35.9	37.2	36.7
Total:	93.7%	93.7		

