



## Optics Photometric Report

**Filename:** C15431\_STRADELLA-16-HB-M\_SAMSUNG\_LH351C\_SIMULATED\_IESNA

**Manufacturer:** Ledil Oy

**Luminaire:** C15431\_STRADELLA-16-HB-M\_SIMULATED

**Luminaire Cat:** C15431\_STRADELLA-16-HB-M\_SIMULATED

**Lamp:** SAMSUNG\_LH351C

**Lamp Cat:** C15431\_STRADELLA-16-HB-M\_SIMULATED

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

**Max Candela:** 64.6 at Horizontal: 190°, Vertical: 2°

**Input Wattage:** 1

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

**Test:** Zemax

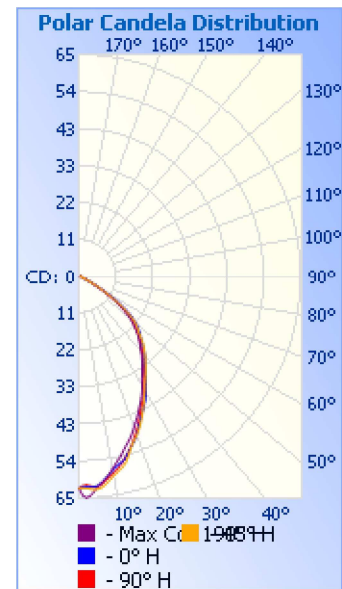
**Test Date:** 13 Nov 2017

**Test Lab:** Zemax

**FLASHAREA:** 0.095299

**Photometry :** Type C

**Nema Type:** 6 X 6



### Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	1.1
Max Cd, 80 to <90 Deg:	0.7
Lumens % Lamp	
Downward Street Side:	49.2 49.2%
Downward House Side:	47.2 47.2%
Downward Total:	96.4 96.4%
Total Lumens:	96.4 96.4%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	93%	93.0	119.3	119.4
Beam (50%):	54.7%	54.7	73.3	72.4
Total:	96.3%	96.3		

