



## Optics Photometric Report

**Filename:** CP16165\_STRADELLA-IP-16-T2-PC\_Samsung\_LH351B\_SIMULATED\_IESNA

**Manufacturer:** Ledil Oy

**Luminaire:** CP16165\_STRADELLA-IP-16-T2-PC\_SIMULATED

**Luminaire Cat:** CP16165\_STRADELLA-IP-16-T2-PC\_SIMULATED

**Lamp:** Samsung\_LH351B

**Lamp Cat:** CP16165\_STRADELLA-IP-16-T2-PC\_SIMULATED

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

**Max Candela:** 56.1 at Horizontal: 280°, Vertical: 64°

**Input Wattage:** 1

**Luminous Opening:** Rectangle w/Luminous Sides (L: 0.1M, W: 0.06M, H: 0.01M)

**Test:** Zemax

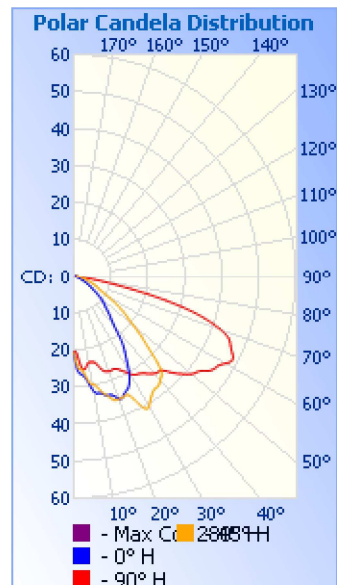
**Test Date:** 13 Feb 2018

**Test Lab:** Zemax

**FLASHAREA:** 0.001943

**Photometry :** Type C

**Nema Type:** 7 X 6



### Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	TYPE II, SHORT
Max Cd, 90 Deg Vert:	2.4
Max Cd, 80 to <90 Deg:	6.8
Lumens % Lamp	
Downward Street Side:	62.0 62%
Downward House Side:	25.7 25.7%
Downward Total:	87.7 87.7%
Total Lumens:	87.7 87.7%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	80.4%	80.4	159.3	121.5
Beam (50%):	53.7%	53.7	148.3	73.1
Total:	87.6%	87.6		

