



## Optics Photometric Report

**Filename:** CS16323\_STRADELLA-IP-28-HB-M\_SAMSUNG\_LH351C\_SIMULATED\_IESNA

**Manufacturer:** Ledil Oy

**Luminaire:** CS16323\_STRADELLA-IP-28-HB-M\_SIMULATED

**Luminaire Cat:** CS16323\_STRADELLA-IP-28-HB-M\_SIMULATED

**Lamp:** SAMSUNG\_LH351C

**Lamp Cat:** CS16323\_STRADELLA-IP-28-HB-M\_SIMULATED

**Lamp Output:** 1 lamp, rated Lumens/lamp: 2800

**Max Candela:** 1 835.0 at Horizontal: 330°, Vertical: 2°

**Input Wattage:** 1

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

**Test:** Zemax

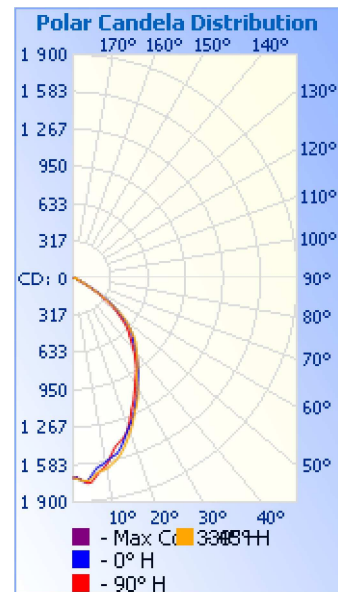
**Test Date:** 24 Nov 2017

**Test Lab:** Zemax

**FLASHAREA:** 0.003341

**Photometry :** Type C

**Nema Type:** 6 X 6



### Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	25.1
Max Cd, 80 to <90 Deg:	14.9
Lumens % Lamp	
Downward Street Side:	49%
Downward House Side:	47%
Downward Total:	96%
Total Lumens:	2 688.8

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	92.2%	2 581.9	118.8	119
Beam (50%):	53.7%	1 503.0	72.1	71.9
Total:	96%	2 688.2		

