



## Optics Photometric Report

**Filename:** C15430\_STRADELLA-16-HB-S\_Lumileds\_LUXEON CZ  
White\_SIMULATED\_IESNA

**Manufacturer:** Ledil Oy

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

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

**Lamp:** Lumileds\_LUXEON CZ White - 1.00 W

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

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

**Max Candela:** 242.6 at Horizontal: 0°, Vertical: 0°

**Input Wattage:** 1

**Luminous Opening:** Rectangle w/Luminous Sides (L: 0.05M, W: 0.05M, H: 0.01M)

**Test:** Zemax

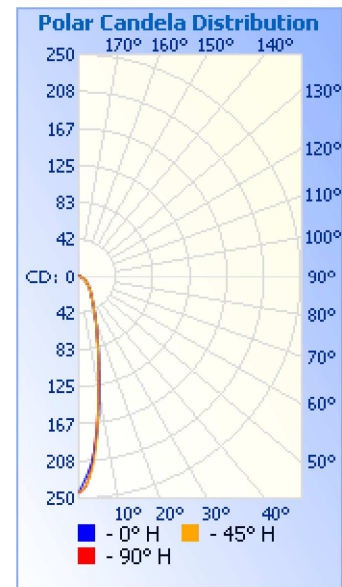
**Test Date:** 20 Feb 2018

**Test Lab:** Zemax

**FLASHAREA:** 0.000953

**Photometry :** Type C

**Nema Type:** 4 X 4



### Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	1.4
Max Cd, 80 to <90 Deg:	1.5
Lumens % Lamp	
Downward Street Side:	47.3 47.3%
Downward House Side:	47.7 47.7%
Downward Total:	95.0 95%
Total Lumens:	95.0 95%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	64.2%	64.2	68	67.5
Beam (50%):	17.4%	17.4	21.5	21.7
Total:	95.1%	95.1		

