



## Optics Photometric Report

**Filename:** C16052\_STRADELLA-8-HV-ME-N\_(Cree\_XP-G2)\_(cover)\_SIMULATED\_IESNA

**Manufacturer:** Ledil Oy

**Luminaire:** C16052\_STRADELLA-8-HV-ME-N\_(Cree\_XP-G2)\_(cover)\_SIMULATED

**Luminaire Cat:** C16052\_STRADELLA-8-HV-ME-N\_(Cree\_XP-G2)\_(cover)\_SIMULATED

**Lamp:** Cree\_XP-G2 - 1.00 W

**Lamp Cat:** C16052\_STRADELLA-8-HV-ME-N\_(Cree\_XP-G2)\_(cover)\_SIMULATED

**Lamp Output:** 1 lamp, rated Lumens/lamp: 800

**Max Candela:** 546.0 at Horizontal: 280°, Vertical: 62°

**Input Wattage:** 1

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

**Test:** Zemax

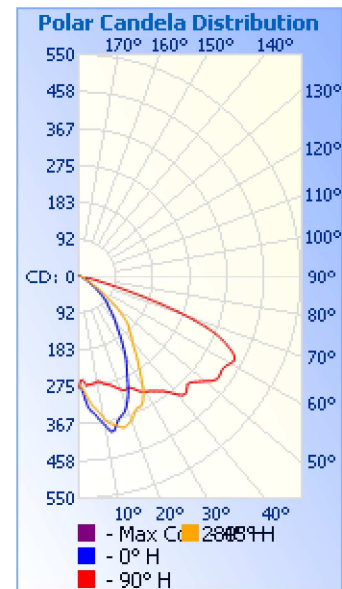
**Test Date:** 16 Apr 2018

**Test Lab:** Zemax

**FLASHAREA:** 0.000879

**Photometry :** Type C

**Nema Type:** 7 X 5



### Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	TYPE I, SHORT
Max Cd, 90 Deg Vert:	2.2
Max Cd, 80 to <90 Deg:	11.8
Lumens % Lamp	
Downward Street Side:	485.2 60.7%
Downward House Side:	176.4 22%
Downward Total:	661.6 82.7%
Total Lumens:	661.6 82.7%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	74%	592.2	149.1	88.5
Beam (50%):	49.7%	397.5	139.5	50.6
Total:	82.7%	661.5		

