



## Optics Photometric Report

**Filename:** CP16165\_STRADELLA-IP-16-T2-PC\_(Osram\_Oslon Square Gen3)\_SIMULATED\_IESNA

**Manufacturer:** Ledil Oy

**Luminaire:** CP16165\_STRADELLA-IP-16-T2-PC\_(Osram\_Oslon Square Gen3)\_SIMULATED

**Luminaire Cat:** CP16165\_STRADELLA-IP-16-T2-PC\_(Osram\_Oslon Square Gen3)\_SIMULATED

**Lamp:** Osram\_Oslon Square Gen3 - 1.00 W

**Lamp Cat:** CP16165\_STRADELLA-IP-16-T2-PC\_(Osram\_Oslon Square Gen3)\_SIMULATED

**Lamp Output:** 1 lamp, rated Lumens/lamp: 1600

**Max Candela:** 970.6 at Horizontal: 280°, Vertical: 68°

**Input Wattage:** 1

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

**Test:** Zemax

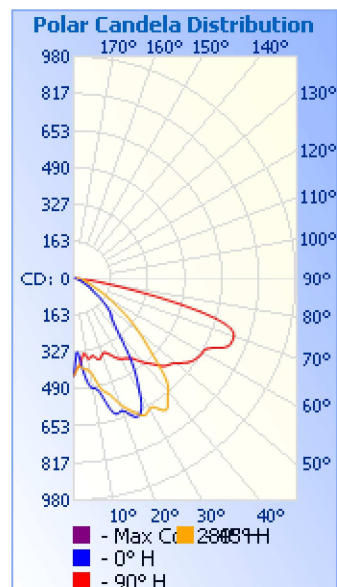
**Test Date:** 18 Apr 2018

**Test Lab:** Zemax

**FLASHAREA:** 0.001943

**Photometry :** Type C

**Nema Type:** 7 X 6



### Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	TYPE II, MEDIUM
Max Cd, 90 Deg Vert:	25.1
Max Cd, 80 to <90 Deg:	160.0
Lumens % Lamp	
Downward Street Side:	1 065.5 66.6%
Downward House Side:	363.7 22.7%
Downward Total:	1 429.2 89.3%
Total Lumens:	1 429.2 89.3%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	81.5%	1 303.7	160.3	116.8
Beam (50%):	52.4%	838.2	150.4	67
Total:	89.3%	1 428.8		

