



Optics Photometric Report

Filename: C16045_STRADELLA-8-T1-A-PC_(Oslon_Square_Gen3)_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C16045_STRADELLA-8-T1-A-PC_(Oslon_Square_Gen3)_SIMULATED

Luminaire Cat: C16045_STRADELLA-8-T1-A-PC_(Oslon_Square_Gen3)_SIMULATED

Lamp: Osram Oslon Square Gen3 - GW CSSRM2.PM - 1.00 W

Lamp Cat: C16045_STRADELLA-8-T1-A-PC_(Oslon_Square_Gen3)_SIMULATED

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

Max Candela: 937,0 at Horizontal: 85°, Vertical: 62°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0,05M, W: 0,05M, H: 0,01M)

Test: SIMULATION

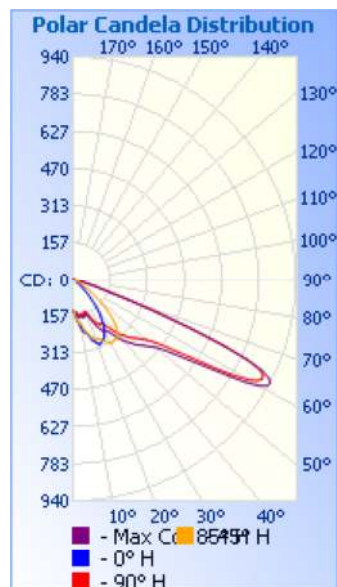
Test Date: 7 Feb 2018

Test Lab: Ledil Oy

FLASHAREA: 0.000896

Photometry : Type C

Nema Type: 7 X 5



Roadway Summary

| | |
|------------------------|---------------|
| Cutoff Classification: | CUTOFF |
| Distribution: | TYPE I, SHORT |
| Max Cd, 90 Deg Vert: | 11,5 |
| Max Cd, 80 to <90 Deg: | 15,3 |
| Lumens % Lamp | |
| Downward Street Side: | 476,8 59,6% |
| Downward House Side: | 251,0 31,4% |
| Downward Total: | 727,7 91% |
| Total Lumens: | 727,7 91% |

Flood Summary

| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
|--------------|------------|--------|-------------------|-----------------|
| Field (10%): | 78,6% | 629,0 | 141,6 | 85,5 |
| Beam (50%): | 20,4% | 163,2 | 18,7 | 56,7 |
| Total: | 90,9% | 727,5 | | |

