



Optics Photometric Report

Filename: C10975_GT4-WW-OSRAM_OSLON_SSL_80_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C10975_GT4-WW_SIMULATED

Luminaire Cat: C10975_GT4-WW_SIMULATED

Lamp: OSRAM_OSLON_SSL_80 - 1.00 W

Lamp Cat: C10975_GT4-WW_SIMULATED

Lamp Output: 1 lamp, rated Lumens/lamp: 400

Max Candela: 412.4 at Horizontal: 150°, Vertical: 4°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.04M, W: 0.04M, H: 0.01M)

Test: Zemax

Test Date: 1 Dec 2017

Test Lab: Zemax

FLASHAREA: 0.000602

Photometry : Type C

Nema Type: 5 X 5

Roadway Summary

| | | |
|------------------------|---------------|-------|
| Cutoff Classification: | NONCUTOFF | |
| Distribution: | Type VS | |
| Max Cd, 90 Deg Vert: | 20.0 | |
| Max Cd, 80 to <90 Deg: | 16.3 | |
| | Lumens % Lamp | |
| Downward Street Side: | 175.0 | 43.8% |
| Downward House Side: | 175.9 | 44% |
| Downward Total: | 350.9 | 87.7% |
| Total Lumens: | 350.9 | 87.7% |

Flood Summary

| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
|--------------|------------|--------|-------------------|-----------------|
| Field (10%): | 74.5% | 297.8 | 86.4 | 86.7 |
| Beam (50%): | 45.7% | 182.8 | 49 | 49.5 |
| Total: | 87.7% | 350.9 | | |

