



Optics Photometric Report

Filename: CN15826_WINNIE-O-C_Osram_Soleriq S9_F15255_HEKLA-SOCKET-C_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CN15826_WINNIE-O-C_F15255_HEKLA-SOCKET-C_SIMULATED

Luminaire Cat: CN15826_WINNIE-O-C_F15255_HEKLA-SOCKET-C_SIMULATED

Lamp: Osram_Soleriq S9 - 1.00 W

Lamp Cat: CN15826_WINNIE-O-C_F15255_HEKLA-SOCKET-C_SIMULATED

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

Max Candela: 183.9 at Horizontal: 285°, Vertical: 2°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.05M, W: 0.05M, H: 0.02M)

Test: Zemax

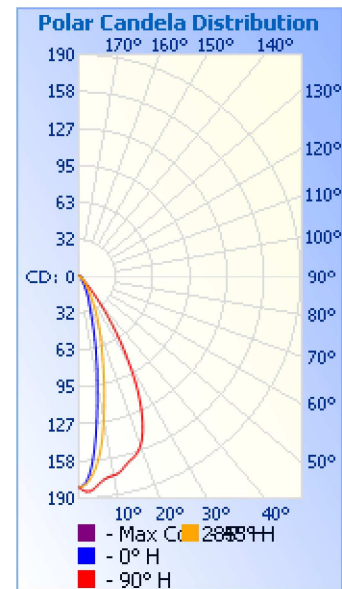
Test Date: 6 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.001551

Photometry : Type C

Nema Type: 5 X 4



Roadway Summary

| | |
|------------------------|--------------------|
| Cutoff Classification: | CUTOFF |
| Distribution: | TYPE I, VERY SHORT |
| Max Cd, 90 Deg Vert: | 0.4 |
| Max Cd, 80 to <90 Deg: | 1.3 |
| Lumens % Lamp | |
| Downward Street Side: | 41.9 41.9% |
| Downward House Side: | 42.7 42.7% |
| Downward Total: | 84.6 84.6% |
| Total Lumens: | 84.6 84.6% |

Flood Summary

| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
|--------------|------------|--------|-------------------|-----------------|
| Field (10%): | 70.7% | 70.7 | 79.7 | 48.2 |
| Beam (50%): | 42.2% | 42.2 | 58.6 | 20 |
| Total: | 84.6% | 84.6 | | |

