



Optics Photometric Report

Filename: C13896_STRADA-SQ-FS_Nichia_NWSx229A_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C13896_STRADA-SQ-FS_Nichia_NWSx229A_SIMULATED

Luminaire Cat: C13896_STRADA-SQ-FS_Nichia_NWSx229A_SIMULATED

Lamp: Nichia_NWSx229A - 1.00 W

Lamp Cat: C13896_STRADA-SQ-FS_Nichia_NWSx229A_SIMULATED

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

Max Candela: 98.5 at Horizontal: 15°, Vertical: 54°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.03M, W: 0.03M, H: 0.01M)

Test: Zemax

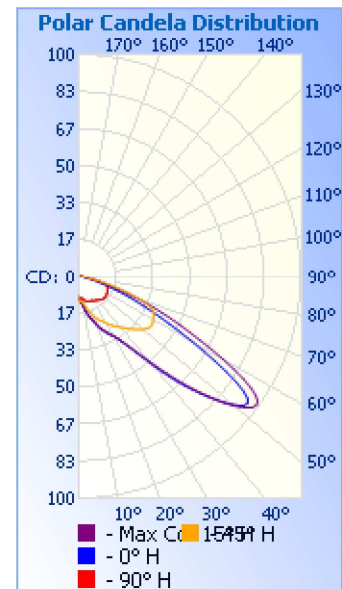
Test Date: 23 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.000452

Photometry : Type C

Nema Type: 7 X 5



Roadway Summary

Cutoff Classification: SEMICUTOFF

Distribution: TYPE III, VERY SHORT

Max Cd, 90 Deg Vert: 3.4

Max Cd, 80 to <90 Deg: 6.4

Lumens % Lamp

Downward Street Side: 76.6 76.6%

Downward House Side: 15.6 15.6%

Downward Total: 92.3 92.3%

Total Lumens: 92.3 92.3%

Flood Summary

| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
|--------------|------------|--------|-------------------|-----------------|
| Field (10%): | 81.5% | 81.5 | 133.4 | 88.3 |
| Beam (50%): | 35% | 35.0 | 70.7 | 25.4 |
| Total: | 92.2% | 92.2 | | |

