



## Optics Photometric Report

**Filename:** C16226\_STRADELLA-8-HV-ME\_(NVSLE21A)\_SIMULATED\_IESNA

**Manufacturer:** Ledil Oy

**Luminaire:** C16226\_STRADELLA-8-HV-ME\_(NVSLE21A)\_SIMULATED

**Luminaire Cat:** C16226\_STRADELLA-8-HV-ME\_(NVSLE21A)\_SIMULATED

**Lamp:** Nichia NVSLE21A

**Lamp Cat:** C16226\_STRADELLA-8-HV-ME\_(NVSLE21A)\_SIMULATED

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

**Max Candela:** 595,1 at Horizontal: 70°, Vertical: 70°

**Input Wattage:** 1

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

**Test:** SIMULATION

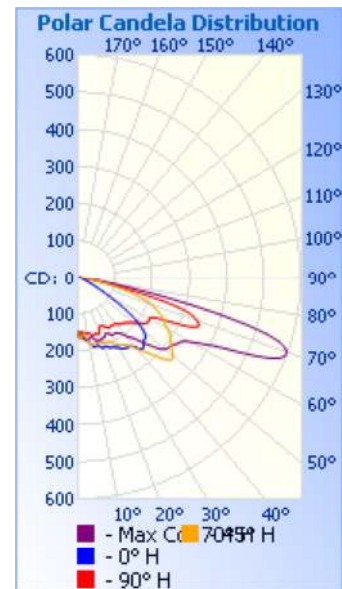
**Test Date:** 28 Sep 2017

**Test Lab:** Ledil Oy

**FLASHAREA:** 0.000896

**Photometry :** Type C

**Nema Type:** 7 X 6



### Roadway Summary

|                        |                  |
|------------------------|------------------|
| Cutoff Classification: | CUTOFF           |
| Distribution:          | TYPE III, MEDIUM |
| Max Cd, 90 Deg Vert:   | 11,3             |
| Max Cd, 80 to <90 Deg: | 69,0             |
| Lumens % Lamp          |                  |
| Downward Street Side:  | 567,8 71%        |
| Downward House Side:   | 175,3 21,9%      |
| Downward Total:        | 743,1 92,9%      |
| Total Lumens:          | 743,1 92,9%      |

### Flood Summary

|              | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
|--------------|------------|--------|-------------------|-----------------|
| Field (10%): | 85,3%      | 682,8  | 147,6             | 112,1           |
| Beam (50%):  | 27,6%      | 221,1  | 31,1              | 46              |
| Total:       | 92,8%      | 742,8  |                   |                 |

