



Optics Photometric Report

Filename: F15910_JENNY-8X1-FT65_C14436_JENNY-HLD-A-BLK_Nichia_NV4W144AM_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: F15910_JENNY-8X1-FT65_C14436_JENNY-HLD-A-BLK_Nichia_NV4W144AM_SIMULATED

Luminaire Cat: F15910_JENNY-8X1-FT65_C14436_JENNY-HLD-A-BLK_Nichia_NV4W144AM_SIMULATED

Lamp: Nichia_NV4W144AM

Lamp Cat: F15910_JENNY-8X1-FT65_C14436_JENNY-HLD-A-BLK_Nichia_NV4W144AM_SIMULATED

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

Max Candela: 98.1 at Horizontal: 0°, Vertical: 66°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.28M, W: 0.04M, H: 0.01M)

Test: Zemax

Test Date: 23 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.002892

Photometry : Type C

Nema Type: 6 X 4

Roadway Summary

Cutoff Classification: NONCUTOFF

Distribution: TYPE IV, VERY SHORT

Max Cd, 90 Deg Vert: 8.2

Max Cd, 80 to <90 Deg: 21.4

Lumens % Lamp

Downward Street Side: 61.8 61.8%

Downward House Side: 11.1 11.1%

Downward Total: 72.9 72.9%

Total Lumens: 72.9 72.9%

Flood Summary

| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
|---------------------|------------|--------|-------------------|-----------------|
| Field (10%): | 54.8% | 54.8 | 104.2 | 67 |
| Beam (50%): | 25.3% | 25.3 | 68 | 22.4 |
| Total: | 72.9% | 72.9 | | |

