



Optics Photometric Report

Filename: CS15750_STRADA-2X2MX-8-T4-B_(XHP50)_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CS15750_STRADA-2X2MX-8-T4-B_(XHP50)_SIMULATED

Luminaire Cat: CS15750_STRADA-2X2MX-8-T4-B_(XHP50)_SIMULATED

Lamp: Cree XHP50 - 1.00 W

Lamp Cat: CS15750_STRADA-2X2MX-8-T4-B_(XHP50)_SIMULATED

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

Max Candela: 60,6 at Horizontal: 310°, Vertical: 72°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0,09M, W: 0,09M, H: 0,01M)

Test: SIMULATION

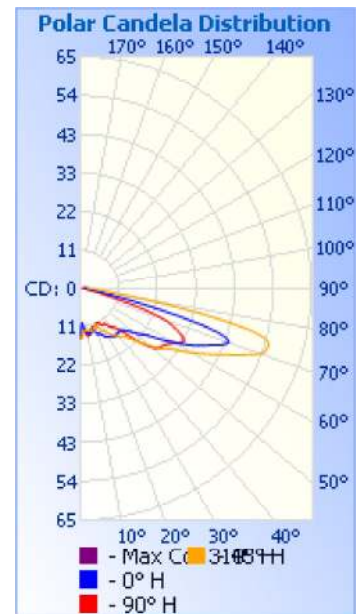
Test Date: 22 Aug 2017

Test Lab: Ledil Oy

FLASHAREA: 0.003182

Photometry : Type C

Nema Type: 6 X 6



Roadway Summary

| | | |
|------------------------|-----------------|-------|
| Cutoff Classification: | NONCUTOFF | |
| Distribution: | TYPE IV, MEDIUM | |
| Max Cd, 90 Deg Vert: | 3,2 | |
| Max Cd, 80 to <90 Deg: | 20,5 | |
| | Lumens % Lamp | |
| Downward Street Side: | 69,2 | 69,2% |
| Downward House Side: | 19,6 | 19,6% |
| Downward Total: | 88,8 | 88,8% |
| Total Lumens: | 88,8 | 88,8% |

Flood Summary

| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
|--------------|------------|--------|-------------------|-----------------|
| Field (10%): | 80,8% | 80,8 | 128,4 | 109,3 |
| Beam (50%): | 40,3% | 40,3 | 114,1 | 61,1 |
| Total: | 88,7% | 88,7 | | |

