

Filename: C16014_STRADA-SQ-SCL_(XHP-50)_SIMULATED-SIMULATION_IESNA

Manufacturer: Ledil Oy

Luminaire: C16014_STRADA-SQ-SCL_(XHP-50)_SIMULATED

Luminaire Cat: C16014_STRADA-SQ-SCL_(XHP-50)_SIMULATED

Lamp: CREE XHP-50_Warm_White - 1.00 W

Lamp Cat: C16014_STRADA-SQ-SCL_(XHP-50)_SIMULATED

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

Max Candela: 70,6 at Horizontal: 280°, Vertical: 77°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0,03M, W: 0,03M, H: 0,01M)

Test: SIMULATION

Test Date: 26 Feb 2018

Test Lab: Ledil Oy

FLASHAREA: 0.000397

Photometry : Type C

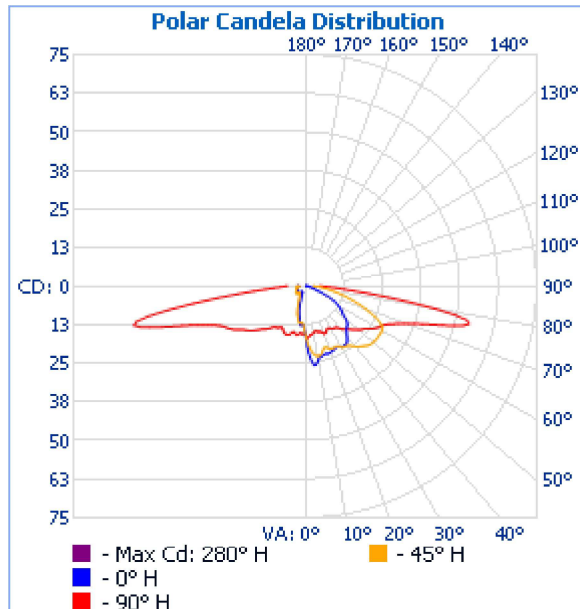
Nema Type: 7 X 7

Roadway Summary

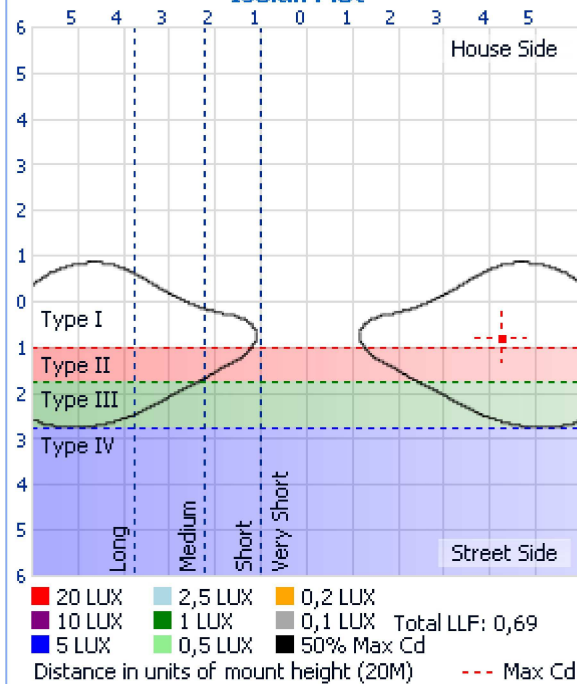
| | | |
|------------------------|----------------|-------|
| Cutoff Classification: | NONCUTOFF | |
| Distribution: | TYPE III, LONG | |
| Max Cd, 90 Deg Vert: | 9,6 | |
| Max Cd, 80 to <90 Deg: | 54,4 | |
| | Lumens % Lamp | |
| Downward Street Side: | 68,4 | 68,4% |
| Downward House Side: | 22,5 | 22,5% |
| Downward Total: | 90,9 | 90,9% |
| Total Lumens: | 90,9 | 90,9% |

Flood Summary

| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
|--------------|------------|--------|-------------------|-----------------|
| Field (10%): | 82,2% | 82,2 | 174,9 | 163 |
| Beam (50%): | 23,5% | 23,5 | 38,3 | 92,3 |
| Total: | 90,9% | 90,9 | | |



Isolux Plot



IsoCandela Plot

