



## Optics Photometric Report

**Filename:** CA12889\_STRADA-SQ-T-DWC\_(XHP50,2)\_SIMULATED\_IESNA

**Manufacturer:** Ledil Oy

**Luminaire:** CA12889\_STRADA-SQ-T-DWC\_(XHP50,2)\_SIMULATED

**Luminaire Cat:** CA12889\_STRADA-SQ-T-DWC\_(XHP50,2)\_SIMULATED

**Lamp:** Cree XHP50.2 - 1.00 W

**Lamp Cat:** CA12889\_STRADA-SQ-T-DWC\_(XHP50,2)\_SIMULATED

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

**Max Candela:** 42,0 at Horizontal: 285°, Vertical: 71°

**Input Wattage:** 1

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

**Test:** SIMULATION

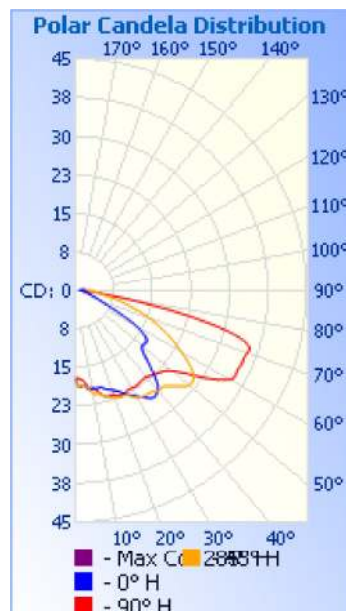
**Test Date:** 22 Sep 2017

**Test Lab:** Ledil Oy

**FLASHAREA:** 0.000370

**Photometry :** Type C

**Nema Type:** 7 X 7



### Roadway Summary

**Cutoff Classification:** NONCUTOFF

**Distribution:** TYPE III, MEDIUM

**Max Cd, 90 Deg Vert:** 5,3

**Max Cd, 80 to <90 Deg:** 18,4

**Lumens % Lamp**

**Downward Street Side:** 59,7 59,7%

**Downward House Side:** 26,9 26,9%

**Downward Total:** 86,6 86,6%

**Total Lumens:** 86,6 86,6%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	82,7%	82,7	164,3	143,3
Beam (50%):	52,2%	52,2	152,6	100,4
Total:	86,6%	86,6		

