



## Optics Photometric Report

**Filename:** FN14976\_STELLA-DWC2\_(CLU048)\_(B&W\_431\_Type\_Z1)\_SIMULATED\_IESNA

**Manufacturer:** Ledil Oy

**Luminaire:** FN14976\_STELLA-DWC2\_(CLU048)\_(B&W\_431\_Type\_Z1)\_SIMULATED

**Luminaire Cat:** FN14976\_STELLA-DWC2\_(CLU048)\_(B&W\_431\_Type\_Z1)\_SIMULATED

**Lamp:** Citizen CLU048 + Bender & Wirth 431 Type Z1

**Lamp Cat:** FN14976\_STELLA-DWC2\_(CLU048)\_(B&W\_431\_Type\_Z1)\_SIMULATED

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

**Max Candela:** 37,3 at Horizontal: 295°, Vertical: 43°

**Input Wattage:** 1

**Luminous Opening:** Rectangle w/Luminous Sides (L: 0,09M, W: 0,09M, H: 0,02M)

**Test:** SIMULATION

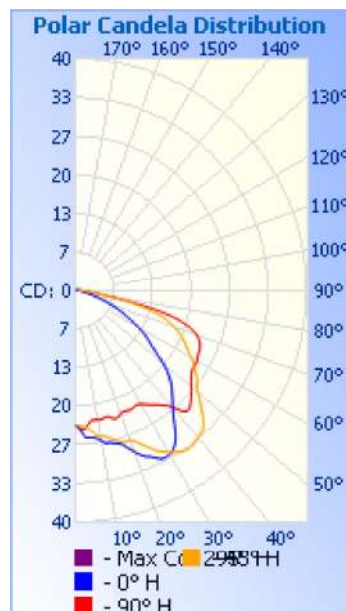
**Test Date:** 14 Feb 2017

**Test Lab:** Ledil Oy

**FLASHAREA:** 0.003706

**Photometry :** Type C

**Nema Type:** 7 X 6



### Roadway Summary

**Cutoff Classification:** SEMICUTOFF

**Distribution:** TYPE II, VERY SHORT

**Max Cd, 90 Deg Vert:** 1,5

**Max Cd, 80 to <90 Deg:** 14,7

**Lumens % Lamp**

**Downward Street Side:** 61,8 61,8%

**Downward House Side:** 29,0 29%

**Downward Total:** 90,8 90,8%

**Total Lumens:** 90,8 90,8%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	88,1%	88,1	162,8	129
Beam (50%):	62,8%	62,8	151,2	73,4
Total:	90,7%	90,7		

