



Optics Photometric Report

Filename: FN15188_STELLA-FRESNEL_CITIZEN_CLU048_1818C4_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: FN15188_STELLA-FRESNEL_SIMULATED

Luminaire Cat: FN15188_STELLA-FRESNEL_SIMULATED

Lamp: CITIZEN_CLU048_1818C4

Lamp Cat: FN15188_STELLA-FRESNEL_SIMULATED

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

Max Candela: 142.6 at Horizontal: 280°, Vertical: 2°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.09M, W: 0.09M, H: 0.02M)

Test: Zemax

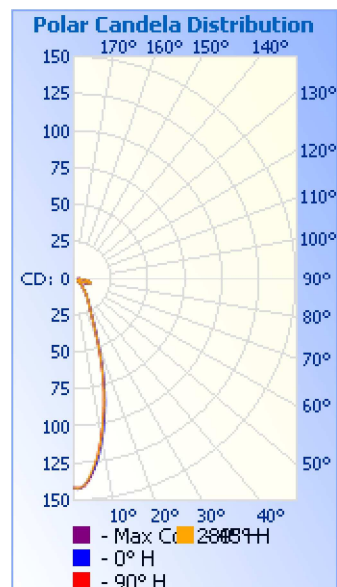
Test Date: 12 Jan 2018

Test Lab: Zemax

FLASHAREA: 0.003968

Photometry : Type C

Nema Type: 5 X 5



Roadway Summary

Cutoff Classification:	SEMICUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	3.5
Max Cd, 80 to <90 Deg:	8.7
Lumens % Lamp	
Downward Street Side:	45.4 45.4%
Downward House Side:	45.1 45.1%
Downward Total:	90.5 90.5%
Total Lumens:	90.5 90.5%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	52.7%	52.7	71.5	72
Beam (50%):	25.3%	25.3	32.3	32.6
Total:	90.5%	90.5		

