



Optics Photometric Report

Filename: C15986_STRADELLA-8-HV-VSM_Cree_XP-G3_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C15986_STRADELLA-8-HV-VSM_SIMULATED

Luminaire Cat: C15986_STRADELLA-8-HV-VSM_SIMULATED

Lamp: Cree_XP-G3 - 1.00 W

Lamp Cat: C15986_STRADELLA-8-HV-VSM_SIMULATED

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

Max Candela: 36.0 at Horizontal: 135°, Vertical: 70°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.05M, W: 0.05M, H: 0M)

Test: Zemax

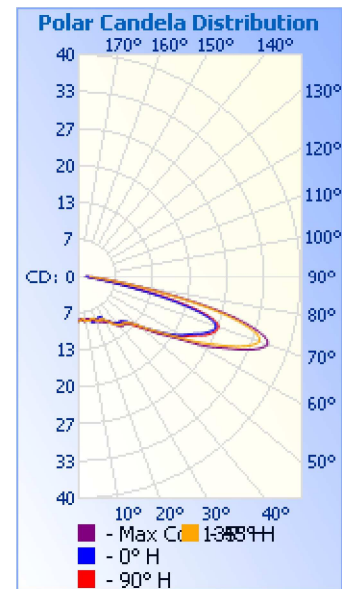
Test Date: 15 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.000857

Photometry : Type C

Nema Type: 7 X 7



Roadway Summary

Cutoff Classification:	SEMICUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	3.3	
Max Cd, 80 to <90 Deg:	10.3	
	Lumens % Lamp	
Downward Street Side:	45.8	45.8%
Downward House Side:	47.7	47.7%
Downward Total:	93.5	93.5%
Total Lumens:	93.5	93.5%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	91.6%	91.6	142.6	162.7
Beam (50%):	55.5%	55.5	122.4	34.9
Total:	93.5%	93.5		

