



Optics Photometric Report

Filename: C15987_STRADELLA-8-HV-SCL_Cree_XP-G3_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C15987_STRADELLA-8-HV-SCL_SIMULATED

Luminaire Cat: C15987_STRADELLA-8-HV-SCL_SIMULATED

Lamp: Cree_XP-G3 - 1.00 W

Lamp Cat: C15987_STRADELLA-8-HV-SCL_SIMULATED

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

Max Candela: 56.9 at Horizontal: 75°, Vertical: 79°

Input Wattage: 1

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

Test: Zemax

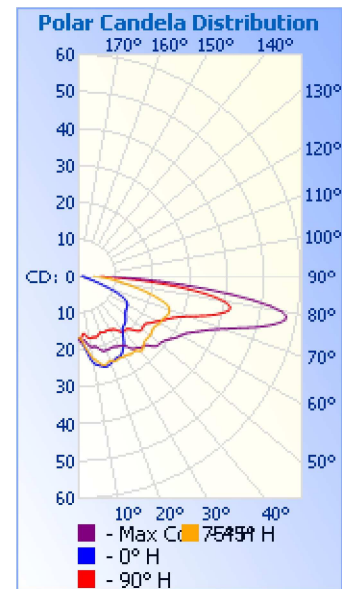
Test Date: 15 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.000852

Photometry : Type C

Nema Type: 7 X 7



Roadway Summary

Cutoff Classification:	NONCUTOFF	
Distribution:	TYPE IV, LONG	
Max Cd, 90 Deg Vert:	9.0	
Max Cd, 80 to <90 Deg:	55.4	
	Lumens % Lamp	
Downward Street Side:	67.8	67.8%
Downward House Side:	21.8	21.8%
Downward Total:	89.6	89.6%
Total Lumens:	89.6	89.6%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	81.4%	81.4	159	171.6
Beam (50%):	28.1%	28.1	37.8	86.8
Total:	89.6%	89.6		

