



Optics Photometric Report

Filename: C16226_STRADELLA-8-HV-ME_Cree_XP-G3_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C16226_STRADELLA-8-HV-ME_SIMULATED

Luminaire Cat: C16226_STRADELLA-8-HV-ME_SIMULATED

Lamp: Cree_XP-G3 - 1.00 W

Lamp Cat: C16226_STRADELLA-8-HV-ME_SIMULATED

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

Max Candela: 51.5 at Horizontal: 65°, Vertical: 76°

Input Wattage: 1

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

Test: Zemax

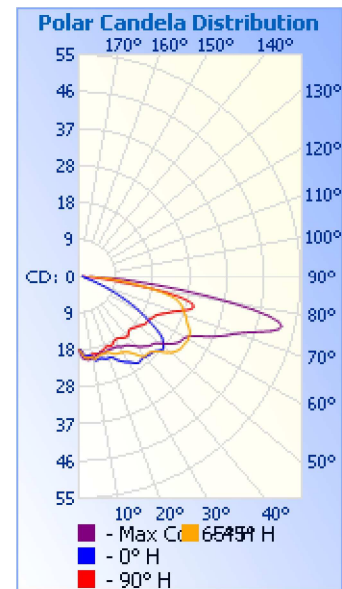
Test Date: 15 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.000857

Photometry : Type C

Nema Type: 7 X 7



Roadway Summary

Cutoff Classification:	NONCUTOFF	
Distribution:	TYPE IV, MEDIUM	
Max Cd, 90 Deg Vert:	3.6	
Max Cd, 80 to <90 Deg:	38.2	
Lumens % Lamp		
Downward Street Side:	65.0	65%
Downward House Side:	26.1	26.1%
Downward Total:	91.1	91.1%
Total Lumens:	91.1	91.1%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	86.3%	86.3	159	146.2
Beam (50%):	35.3%	35.3	43.5	58.4
Total:	91.1%	91.1		

