



Optics Photometric Report

Filename: CS15886_STRADA-IP-2X6-T2-B-90_Cree_XP-G3_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CS15886_STRADA-IP-2X6-T2-B-90_SIMULATED

Luminaire Cat: CS15886_STRADA-IP-2X6-T2-B-90_SIMULATED

Lamp: Cree_XP-G3 - 1.00 W

Lamp Cat: CS15886_STRADA-IP-2X6-T2-B-90_SIMULATED

Lamp Output: 1 lamp, rated Lumens/lamp: 300

Max Candela: 204.1 at Horizontal: 75°, Vertical: 66°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.07M, W: 0.17M, H: 0.01M)

Test: Zemax

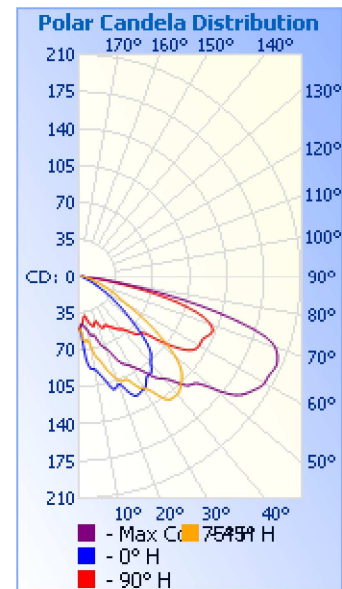
Test Date: 9 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.005008

Photometry : Type C

Nema Type: 7 X 6



Roadway Summary

Cutoff Classification:	SEMICUTOFF
Distribution:	TYPE II, SHORT
Max Cd, 90 Deg Vert:	13.0
Max Cd, 80 to <90 Deg:	40.9
Lumens % Lamp	
Downward Street Side:	231.6 77.2%
Downward House Side:	47.1 15.7%
Downward Total:	278.7 92.9%
Total Lumens:	278.7 92.9%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	83.5%	250.4	159.6	110.6
Beam (50%):	56.6%	169.8	148.7	63.2
Total:	92.9%	278.6		

