



Optics Photometric Report

Filename: CS15887_STRADA-IP-2X6-T3-B-90_Cree_XP-G3_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CS15887_STRADA-IP-2X6-T3-B-90_SIMULATED

Luminaire Cat: CS15887_STRADA-IP-2X6-T3-B-90_SIMULATED

Lamp: Cree_XP-G3 - 1.00 W

Lamp Cat: CS15887_STRADA-IP-2X6-T3-B-90_SIMULATED

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

Max Candela: 156.9 at Horizontal: 75°, Vertical: 72°

Input Wattage: 1

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

Test: Zemax

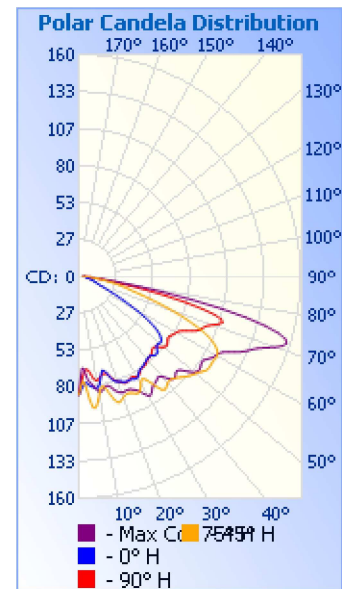
Test Date: 9 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.005128

Photometry : Type C

Nema Type: 7 X 6



Roadway Summary

Cutoff Classification:	SEMICUTOFF
Distribution:	TYPE III, MEDIUM
Max Cd, 90 Deg Vert:	10.9
Max Cd, 80 to <90 Deg:	43.6
Lumens % Lamp	
Downward Street Side:	217.9 72.6%
Downward House Side:	57.6 19.2%
Downward Total:	275.5 91.8%
Total Lumens:	275.5 91.8%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	83.8%	251.4	159.3	118.7
Beam (50%):	63.1%	189.3	148.8	68.3
Total:	91.8%	275.4		

