



Optics Photometric Report

Filename: CS15887_STRADA-IP-2X6-T3-B-90_SAMSUNG_LH351B_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: SAMSUNG_LH351B

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

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

Max Candela: 157.7 at Horizontal: 290°, Vertical: 68°

Input Wattage: 1

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

Test: Zemax

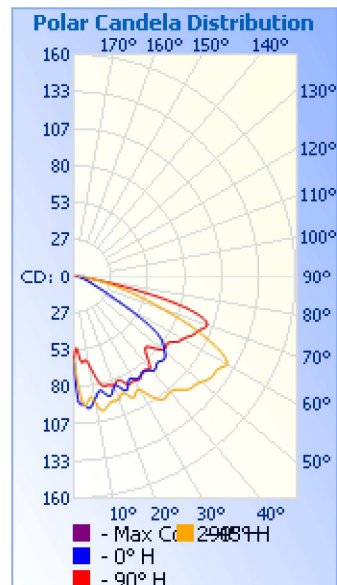
Test Date: 19 Dec 2017

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:	8.8
Max Cd, 80 to <90 Deg:	30.3
Lumens % Lamp	
Downward Street Side:	228.2 76.1%
Downward House Side:	52.1 17.4%
Downward Total:	280.4 93.5%
Total Lumens:	280.4 93.5%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	85.6%	256.8	155.8	111.9
Beam (50%):	69%	206.9	144.9	66
Total:	93.4%	280.3		

