



Optics Photometric Report

Filename: CS15418_STRADA-IP-2X6-SCL_SAMSUNG_LH351B_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CS15418_STRADA-IP-2X6-SCL_SIMULATED

Luminaire Cat: CS15418_STRADA-IP-2X6-SCL_SIMULATED

Lamp: SAMSUNG_LH351B

Lamp Cat: CS15418_STRADA-IP-2X6-SCL_SIMULATED

Lamp Output: 1 lamp, rated Lumens/lamp: 600

Max Candela: 386.5 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

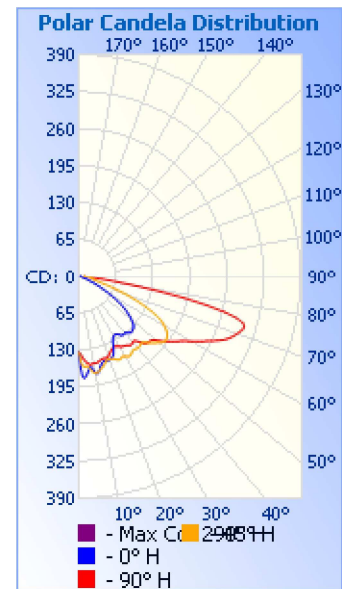
Test Date: 30 Nov 2017

Test Lab: Zemax

FLASHAREA: 0.004600

Photometry : Type C

Nema Type: 7 X 7



Roadway Summary

Cutoff Classification:	NONCUTOFF
Distribution:	TYPE III, MEDIUM
Max Cd, 90 Deg Vert:	14.9
Max Cd, 80 to <90 Deg:	120.2
Lumens % Lamp	
Downward Street Side:	414.1 69%
Downward House Side:	145.6 24.3%
Downward Total:	559.7 93.3%
Total Lumens:	559.7 93.3%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	85.5%	513.0	161.9	142
Beam (50%):	35.7%	214.1	41.3	83.9
Total:	93.3%	559.5		

