



Optics Photometric Report

Filename: CS14144_STRADA-IP-2X6-ME_SAMSUNG_LH351B_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CS14144_STRADA-IP-2X6-ME_SIMULATED

Luminaire Cat: CS14144_STRADA-IP-2X6-ME_SIMULATED

Lamp: SAMSUNG_LH351B

Lamp Cat: CS14144_STRADA-IP-2X6-ME_SIMULATED

Lamp Output: 1 lamp, rated Lumens/lamp: 400

Max Candela: 243.9 at Horizontal: 295°, Vertical: 67°

Input Wattage: 1

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

Test: Zemax

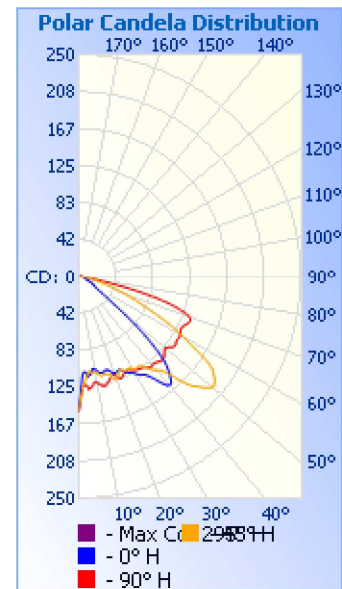
Test Date: 30 Nov 2017

Test Lab: Zemax

FLASHAREA: 0.004402

Photometry : Type C

Nema Type: 7 X 6



Roadway Summary

Cutoff Classification:	NONCUTOFF
Distribution:	TYPE II, SHORT
Max Cd, 90 Deg Vert:	27.6
Max Cd, 80 to <90 Deg:	40.8
Lumens % Lamp	
Downward Street Side:	276.2 69.1%
Downward House Side:	98.4 24.6%
Downward Total:	374.7 93.7%
Total Lumens:	374.7 93.7%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	86.9%	347.7	146.9	106.6
Beam (50%):	53.9%	215.6	134.1	66.7
Total:	93.6%	374.5		

