



Optics Photometric Report

Filename: CS15020_STRADA-IP-2X6-VSM_Samsung_LH351C_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CS15020_STRADA-IP-2X6-VSM_SIMULATED

Luminaire Cat: CS15020_STRADA-IP-2X6-VSM_SIMULATED

Lamp: Samsung_LH351C

Lamp Cat: CS15020_STRADA-IP-2X6-VSM_SIMULATED

Lamp Output: 1 lamp, rated Lumens/lamp: 100

Max Candela: 40.5 at Horizontal: 315°, Vertical: 68°

Input Wattage: 1

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

Test: Zemax

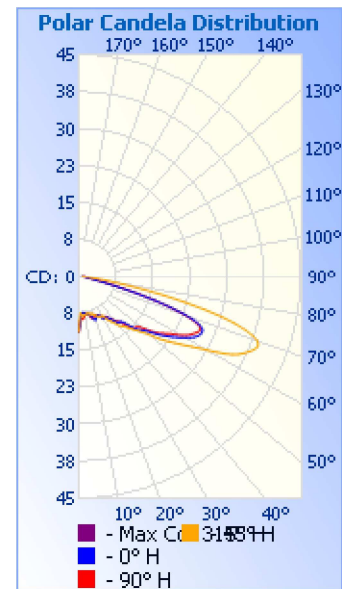
Test Date: 2 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.003612

Photometry : Type C

Nema Type: 7 X 7



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	1.9
Max Cd, 80 to <90 Deg:	6.2
Lumens % Lamp	
Downward Street Side:	47.7%
Downward House Side:	46.9%
Downward Total:	94.6%
Total Lumens:	94.6%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	92.8%	92.8	131.7	155.4
Beam (50%):	56.9%	56.9	115.2	38.1
Total:	94.5%	94.5		

