



Optics Photometric Report

Filename: CS12862_STRADA-IP-2X6-DWC_SAMSUNG_LH351B_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CS12862_STRADA-IP-2X6-DWC_SIMULATED

Luminaire Cat: CS12862_STRADA-IP-2X6-DWC_SIMULATED

Lamp: SAMSUNG_LH351B

Lamp Cat: CS12862_STRADA-IP-2X6-DWC_SIMULATED

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

Max Candela: 200.7 at Horizontal: 285°, Vertical: 69°

Input Wattage: 1

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

Test: Zemax

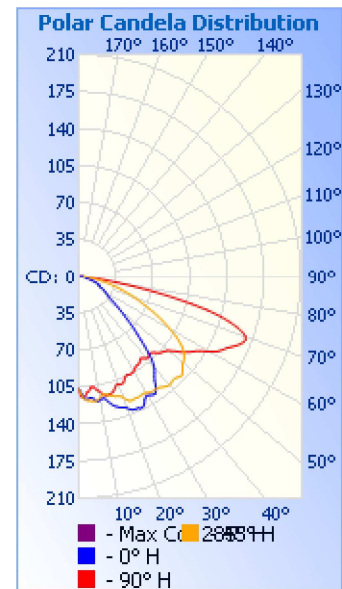
Test Date: 30 Nov 2017

Test Lab: Zemax

FLASHAREA: 0.004318

Photometry : Type C

Nema Type: 7 X 7



Roadway Summary

Cutoff Classification:	SEMICUTOFF
Distribution:	TYPE III, MEDIUM
Max Cd, 90 Deg Vert:	8.4
Max Cd, 80 to <90 Deg:	78.2
Lumens % Lamp	
Downward Street Side:	265.9 66.5%
Downward House Side:	104.7 26.2%
Downward Total:	370.6 92.7%
Total Lumens:	370.6 92.7%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	87.2%	348.6	159.7	149.6
Beam (50%):	61.4%	245.8	148.7	95.4
Total:	92.6%	370.5		

