



Optics Photometric Report

Filename: C16414_STRADELLA-16-T1-A-PC_(Samsung_LM301B)_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C16414_STRADELLA-16-T1-A-PC_(Samsung_LM301B)_SIMULATED

Luminaire Cat: C16414_STRADELLA-16-T1-A-PC_(Samsung_LM301B)_SIMULATED

Lamp: Samsung_LM301B

Lamp Cat: C16414_STRADELLA-16-T1-A-PC_(Samsung_LM301B)_SIMULATED

Lamp Output: 1 lamp, rated Lumens/lamp: 1600

Max Candela: 1 351.6 at Horizontal: 275°, Vertical: 60°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.05M, W: 0.05M, H: 0M)

Test: Zemax

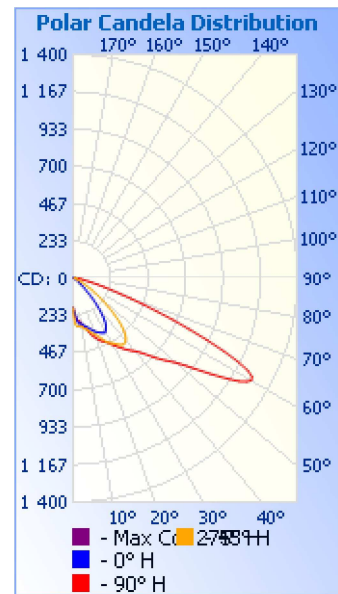
Test Date: 26 Mar 2018

Test Lab: Zemax

FLASHAREA: 0.000799

Photometry : Type C

Nema Type: 7 X 6



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	TYPE I, SHORT
Max Cd, 90 Deg Vert:	9.2
Max Cd, 80 to <90 Deg:	42.4
Lumens % Lamp	
Downward Street Side:	799.6 50%
Downward House Side:	662.8 41.4%
Downward Total:	1 462.5 91.4%
Total Lumens:	1 462.5 91.4%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	84.9%	1 358.4	149.1	102.2
Beam (50%):	26%	415.4	27.4	59.9
Total:	91.4%	1 462.0		

