

**Filename: C16220_STRADELLA-16-T1-A_(Samsung_LM301B)
_SIMULATED_IESNA**

Manufacturer: Ledil Oy

Luminaire: C16220_STRADELLA-16-T1-A_(Samsung_LM301B)_SIMULATED

Luminaire Cat: C16220_STRADELLA-16-T1-A_(Samsung_LM301B)_SIMULATED

Lamp: Samsung_LM301B

Lamp Cat: C16220_STRADELLA-16-T1-A_(Samsung_LM301B)_SIMULATED

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

Max Candela: 1 217.3 at Horizontal: 275°, Vertical: 60°

Input Wattage: 1

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

Test: Zemax

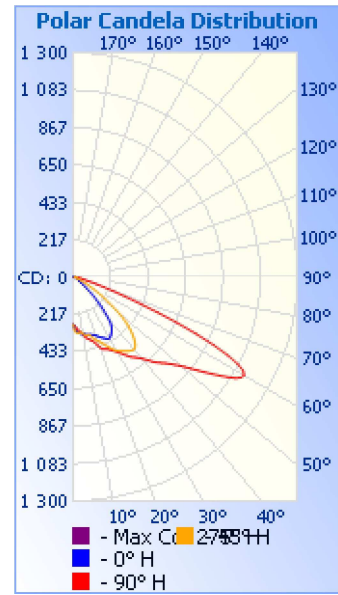
Test Date: 26 Mar 2018

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: 9.7

Max Cd, 80 to <90 Deg: 30.5

Lumens % Lamp

Downward Street Side: 824.3 51.5%

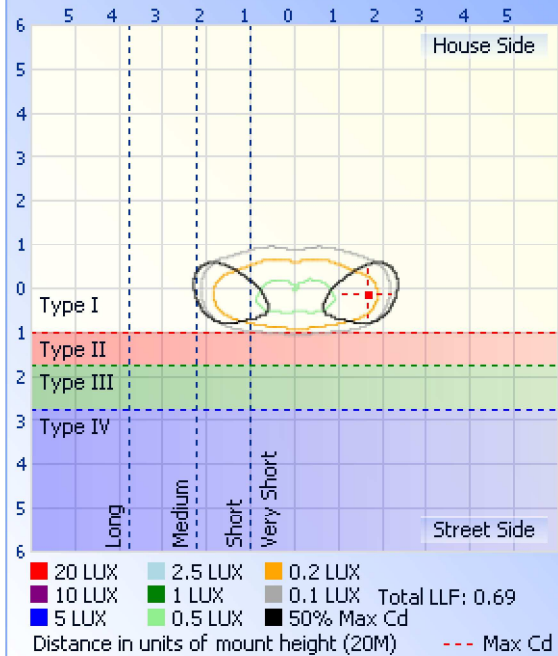
Downward House Side: 699.9 43.7%

Downward Total: 1 524.1 95.3%

Total Lumens: 1 524.1 95.3%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	89.9%	1 438.4	144.6	100.6
Beam (50%):	30.9%	494.4	31.2	61.8
Total:	95.2%	1 523.6		

Isolux Plot

IsoCandela Plot
