



Optics Photometric Report

Filename: C16118_STRADELLA-8-HV-HB-O_LUMILEDS_LUXEON_3030_2D_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C16118_STRADELLA-8-HV-HB-O_SIMULATED

Luminaire Cat: C16118_STRADELLA-8-HV-HB-O_SIMULATED

Lamp: LUMILEDS_LUXEON_3030_2D - 1.00 W

Lamp Cat: C16118_STRADELLA-8-HV-HB-O_SIMULATED

Lamp Output: 1 lamp, rated Lumens/lamp: 200

Max Candela: 286.0 at Horizontal: 285°, Vertical: 6°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.05M, W: 0.05M, H: 0.01M)

Test: Zemax

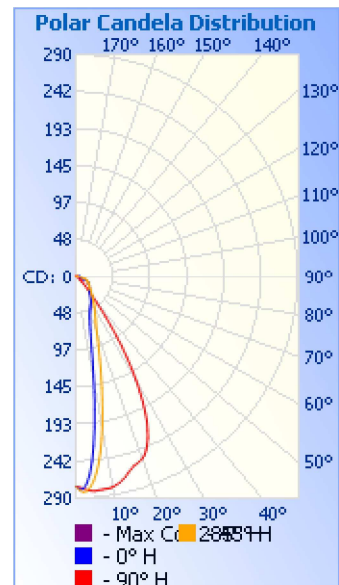
Test Date: 15 Dec 2017

Test Lab: Zemax

FLASHAREA: 0.001030

Photometry : Type C

Nema Type: 5 X 5



Roadway Summary

Cutoff Classification: SEMICUTOFF

Distribution: TYPE I, VERY SHORT

Max Cd, 90 Deg Vert: 5.2

Max Cd, 80 to <90 Deg: 4.6

Lumens % Lamp

Downward Street Side: 97.3 48.7%

Downward House Side: 89.3 44.6%

Downward Total: 186.6 93.3%

Total Lumens: 186.6 93.3%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	67.6%	135.1	79.6	77.8
Beam (50%):	31.3%	62.5	61.3	16.9
Total:	93.4%	186.8		

