



Optics Photometric Report

Filename: C16156_STRADELLA-16-HB-O_Lumileds_LUXEON CZ
White_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C16156_STRADELLA-16-HB-O_SIMULATED

Luminaire Cat: C16156_STRADELLA-16-HB-O_SIMULATED

Lamp: Lumileds_LUXEON CZ White - 1.00 W

Lamp Cat: C16156_STRADELLA-16-HB-O_SIMULATED

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

Max Candela: 160.9 at Horizontal: 275°, Vertical: 2°

Input Wattage: 1

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

Test: Zemax

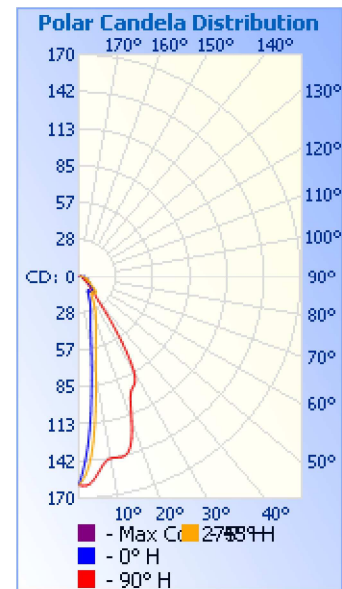
Test Date: 20 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.000990

Photometry : Type C

Nema Type: 5 X 4



Roadway Summary

Cutoff Classification: SEMICUTOFF

Distribution: TYPE I, VERY SHORT

Max Cd, 90 Deg Vert: 4.4

Max Cd, 80 to <90 Deg: 4.1

Lumens % Lamp

Downward Street Side: 47.3 47.3%

Downward House Side: 48.1 48.1%

Downward Total: 95.4 95.4%

Total Lumens: 95.4 95.4%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	66.4%	66.4	82	53.6
Beam (50%):	26%	26.0	60.6	13.9
Total:	95.5%	95.5		

