



Optics Photometric Report

Filename: C13155_EMERALD-A_(Oslon_Square_Gen3)_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C13155_EMERALD-A_(Oslon_Square_Gen3)_SIMULATED

Luminaire Cat: C13155_EMERALD-A_(Oslon_Square_Gen3)_SIMULATED

Lamp: Osram Oslon Square Gen3 (GW CSSRM2.PM) - 1.00 W

Lamp Cat: C13155_EMERALD-A_(Oslon_Square_Gen3)_SIMULATED

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

Max Candela: 146,6 at Horizontal: 90°, Vertical: 74°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0,02M, W: 0,02M, H: 0,01M)

Test: SIMULATION

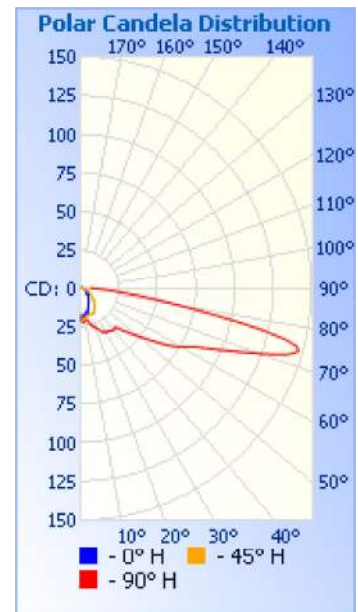
Test Date: 17 Aug 2017

Test Lab: Ledil Oy

FLASHAREA: 0.000267

Photometry : Type C

Nema Type: 7 X 6



Roadway Summary

Cutoff Classification: NONCUTOFF

Distribution: TYPE I, MEDIUM

Max Cd, 90 Deg Vert: 6,7

Max Cd, 80 to <90 Deg: 63,7

Lumens % Lamp

Downward Street Side: 48,1 48,1%

Downward House Side: 44,6 44,6%

Downward Total: 92,7 92,7%

Total Lumens: 92,7 92,7%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	66,9%	66,9	172,2	121,6
Beam (50%):	15,3%	15,3	21	63
Total:	92,7%	92,7		

