



Optics Photometric Report

Filename: CP16106_CARMEN-50-RS-C_Osram_Solericq S9_F15255_HEKLA-SOCKET-C_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CP16106_CARMEN-50-RS-C_F15255_HEKLA-SOCKET-C_SIMULATED

Luminaire Cat: CP16106_CARMEN-50-RS-C_F15255_HEKLA-SOCKET-C_SIMULATED

Lamp: Osram_Solericq S9 - 1.00 W

Lamp Cat: CP16106_CARMEN-50-RS-C_F15255_HEKLA-SOCKET-C_SIMULATED

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

Max Candela: 583.0 at Horizontal: 0°, Vertical: 0°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.05M, W: 0.05M, H: 0.03M)

Test: Zemax

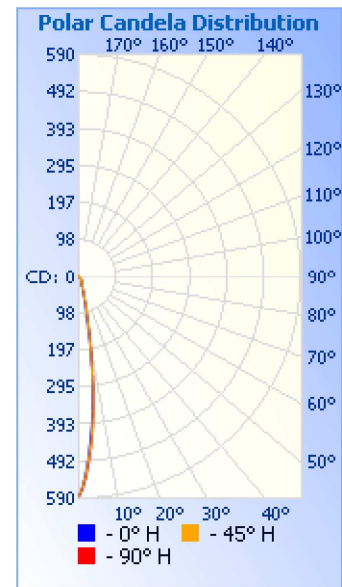
Test Date: 5 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.001840

Photometry : Type C

Nema Type: 2 X 2



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.1
Max Cd, 80 to <90 Deg:	0.2
Lumens % Lamp	
Downward Street Side:	29.3 29.3%
Downward House Side:	29.9 29.9%
Downward Total:	59.2 59.2%
Total Lumens:	59.2 59.2%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	40.4%	40.4	28.4	28.4
Beam (50%):	21.4%	21.4	14.7	14.7
Total:	59.5%	59.5		

