



Optics Photometric Report

Filename: CP16109_CARMEN-50-W-C_BRIDGELUX_BXRC-30E2000-C-73_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CP16109_CARMEN-50-W-C_SIMULATED

Luminaire Cat: CP16109_CARMEN-50-W-C_SIMULATED

Lamp: BRIDGELUX_BXRC-30E2000-C-73 - 1.00 W

Lamp Cat: CP16109_CARMEN-50-W-C_SIMULATED

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

Max Candela: 92.4 at Horizontal: 30°, Vertical: 2°

Input Wattage: 1

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

Test: Zemax

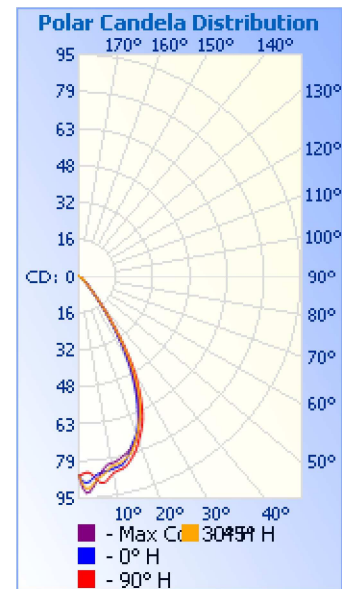
Test Date: 9 Jan 2018

Test Lab: Zemax

FLASHAREA: 0.001840

Photometry : Type C

Nema Type: 5 X 5



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.1
Max Cd, 80 to <90 Deg:	0.3
Lumens % Lamp	
Downward Street Side:	39.4 39.4%
Downward House Side:	40.2 40.2%
Downward Total:	79.6 79.6%
Total Lumens:	79.6 79.6%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	74.4%	74.4	81.6	80.8
Beam (50%):	57.4%	57.4	60.1	58.2
Total:	79.6%	79.6		

