



Optics Photometric Report

Filename: FP14825_STRADA-2X2MXS-DWC2_CREE_MHB-B_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: FP14825_STRADA-2X2MXS-DWC2_SIMULATED

Luminaire Cat: FP14825_STRADA-2X2MXS-DWC2_SIMULATED

Lamp: CREE_MHB-B - 1.00 W

Lamp Cat: FP14825_STRADA-2X2MXS-DWC2_SIMULATED

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

Max Candela: 64.0 at Horizontal: 75°, Vertical: 64°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.09M, W: 0.09M, H: 0.01M)

Test: Zemax

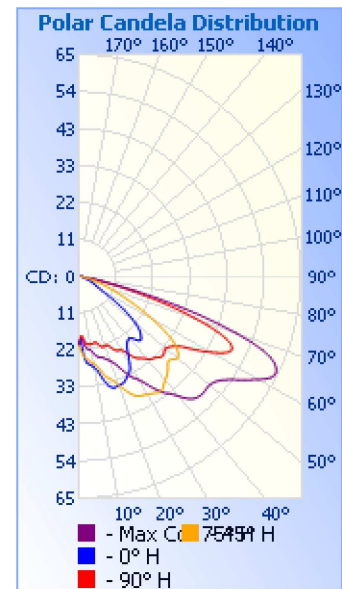
Test Date: 20 Dec 2017

Test Lab: Zemax

FLASHAREA: 0.003182

Photometry : Type C

Nema Type: 7 X 6



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	TYPE II, SHORT
Max Cd, 90 Deg Vert:	1.4
Max Cd, 80 to <90 Deg:	2.2
Lumens % Lamp	
Downward Street Side:	69.2 69.2%
Downward House Side:	22.5 22.5%
Downward Total:	91.7 91.7%
Total Lumens:	91.7 91.7%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	83.3%	83.3	150.4	113.1
Beam (50%):	48.2%	48.2	68.9	66
Total:	91.7%	91.7		

