



Optics Photometric Report

Filename: FP15752_STRADA-2X2MXS-T3_CREE_MHB-B_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: FP15752_STRADA-2X2MXS-T3_SIMULATED

Luminaire Cat: FP15752_STRADA-2X2MXS-T3_SIMULATED

Lamp: CREE_MHB-B - 1.00 W

Lamp Cat: FP15752_STRADA-2X2MXS-T3_SIMULATED

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

Max Candela: 80.8 at Horizontal: 65°, Vertical: 68°

Input Wattage: 1

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

Test: Zemax

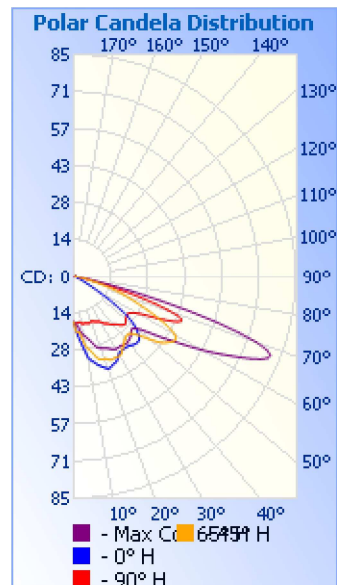
Test Date: 20 Dec 2017

Test Lab: Zemax

FLASHAREA: 0.003255

Photometry : Type C

Nema Type: 7 X 6



Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	TYPE II, SHORT	
Max Cd, 90 Deg Vert:	1.7	
Max Cd, 80 to <90 Deg:	2.7	
Lumens % Lamp		
Downward Street Side:	71.1	71.1%
Downward House Side:	16.8	16.8%
Downward Total:	87.9	87.9%
Total Lumens:	87.9	87.9%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	80.2%	80.2	140.4	107.7
Beam (50%):	19.1%	19.1	34.5	38.2
Total:	87.9%	87.9		

