



Optics Photometric Report

Filename: FP15897_HB-2X2MXS-WWW_CREE_MHB-B_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: FP15897_HB-2X2MXS-WWW_SIMULATED

Luminaire Cat: FP15897_HB-2X2MXS-WWW_SIMULATED

Lamp: CREE_MHB-B - 1.00 W

Lamp Cat: FP15897_HB-2X2MXS-WWW_SIMULATED

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

Max Candela: 57.1 at Horizontal: 300°, Vertical: 3°

Input Wattage: 1

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

Test: Zemax

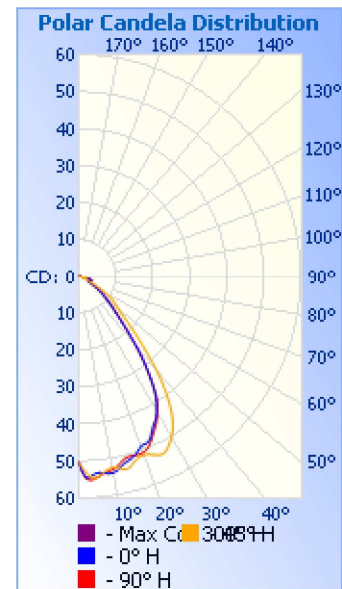
Test Date: 21 Dec 2017

Test Lab: Zemax

FLASHAREA: 0.002964

Photometry : Type C

Nema Type: 6 X 6



Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	0.8	
Max Cd, 80 to <90 Deg:	1.9	
	Lumens % Lamp	
Downward Street Side:	45.5	45.5%
Downward House Side:	45.7	45.7%
Downward Total:	91.1	91.1%
Total Lumens:	91.1	91.1%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	85.6%	85.6	110.8	110.8
Beam (50%):	64.6%	64.6	75	75.2
Total:	91.1%	91.1		

