



Optics Photometric Report

Filename: preliminary_FP16310_HB-2X2MXS-M_CREE_MHB-B_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: preliminary_FP16310_HB-2X2MXS-M_SIMULATED

Luminaire Cat: preliminary_FP16310_HB-2X2MXS-M_SIMULATED

Lamp: CREE_MHB-B - 1.00 W

Lamp Cat: preliminary_FP16310_HB-2X2MXS-M_SIMULATED

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

Max Candela: 270.2 at Horizontal: 305°, Vertical: 1°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.09M, W: 0.09M, H: 0.02M)

Test: Zemax

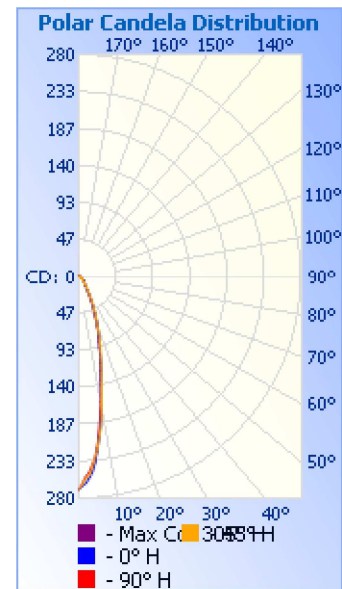
Test Date: 21 Dec 2017

Test Lab: Zemax

FLASHAREA: 0.003531

Photometry : Type C

Nema Type: 4 X 4



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	1.4
Max Cd, 80 to <90 Deg:	1.0
Lumens % Lamp	
Downward Street Side:	44.9 44.9%
Downward House Side:	45.3 45.3%
Downward Total:	90.3 90.3%
Total Lumens:	90.3 90.3%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	67.8%	67.8	56.6	57.6
Beam (50%):	27.9%	27.9	24.5	24.3
Total:	90.3%	90.3		

