



Optics Photometric Report

Filename: CA11389_EMILY-O_Cree_XQ-E HI_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CA11389_EMILY-O_SIMULATED

Luminaire Cat: CA11389_EMILY-O_SIMULATED

Lamp: Cree_XQ-E HI - 1.00 W

Lamp Cat: CA11389_EMILY-O_SIMULATED

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

Max Candela: 832.4 at Horizontal: 270°, Vertical: 13°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.03M, W: 0.03M, H: 0.01M)

Test: Zemax

Test Date: 26 Jan 2018

Test Lab: Zemax

FLASHAREA: 0.000541

Photometry : Type C

Nema Type: 4 X 1

Roadway Summary

Cutoff Classification:	SEMICUTOFF	
Distribution:	TYPE I, VERY SHORT	
Max Cd, 90 Deg Vert:	2.8	
Max Cd, 80 to <90 Deg:	2.3	
	Lumens % Lamp	
Downward Street Side:	47.2	47.2%
Downward House Side:	47.7	47.7%
Downward Total:	94.9	94.9%
Total Lumens:	94.9	94.9%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	81.2%	81.2	58.4	14.5
Beam (50%):	49.7%	49.7	45.2	6.8
Total:	95.9%	95.9		

