



Optics Photometric Report

Filename: FA10665_CXP-M_CREE_XP-E_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: FA10665_CXP-M_SIMULATED

Luminaire Cat: FA10665_CXP-M_SIMULATED

Lamp: CREE_XP-E - 1.00 W

Lamp Cat: FA10665_CXP-M_SIMULATED

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

Max Candela: 299.4 at Horizontal: 65°, Vertical: 2°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.02M, W: 0.02M, H: 0.01M)

Test: Zemax

Test Date: 20 Dec 2017

Test Lab: Zemax

FLASHAREA: 0.000388

Photometry : Type C

Nema Type: 4 X 4

Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	0.7	
Max Cd, 80 to <90 Deg:	0.3	
	Lumens % Lamp	
Downward Street Side:	42.3	42.3%
Downward House Side:	42.3	42.3%
Downward Total:	84.6	84.6%
Total Lumens:	84.6	84.6%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	77%	77.0	47.1	50.5
Beam (50%):	51.8%	51.8	30.9	30.8
Total:	84.6%	84.6		

