



Optics Photometric Report

Filename: FA10660_LXP-M_CREE_XP-G3_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: FA10660_LXP-M_SIMULATED

Luminaire Cat: FA10660_LXP-M_SIMULATED

Lamp: CREE_XP-G3 - 1.00 W

Lamp Cat: FA10660_LXP-M_SIMULATED

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

Max Candela: 298.5 at Horizontal: 315°, Vertical: 1°

Input Wattage: 1

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

Test: Zemax

Test Date: 4 Jan 2018

Test Lab: Zemax

FLASHAREA: 0.000421

Photometry : Type C

Nema Type: 4 X 4

Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	2.1	
Max Cd, 80 to <90 Deg:	1.1	
	Lumens % Lamp	
Downward Street Side:	41.8	41.8%
Downward House Side:	41.9	41.9%
Downward Total:	83.7	83.7%
Total Lumens:	83.7	83.7%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	72.8%	72.8	49.6	51.8
Beam (50%):	44%	44.0	29	29
Total:	83.7%	83.7		

