



Optics Photometric Report

Filename: CA14402_EVA-M_CREE_XHP35_HI_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CA14402_EVA-M_SIMULATED

Luminaire Cat: CA14402_EVA-M_SIMULATED

Lamp: CREE_XHP35_HI - 1.00 W

Lamp Cat: CA14402_EVA-M_SIMULATED

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

Max Candela: 393.2 at Horizontal: 0°, Vertical: 2°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.04M, W: 0.04M, H: 0.02M)

Test: Zemax

Test Date: 4 Jan 2018

Test Lab: Zemax

FLASHAREA: 0.000973

Photometry : Type C

Nema Type: 4 X 4

Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	1.2	
Max Cd, 80 to <90 Deg:	0.5	
	Lumens % Lamp	
Downward Street Side:	46.3	46.3%
Downward House Side:	46.2	46.2%
Downward Total:	92.5	92.5%
Total Lumens:	92.5	92.5%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	81%	81.0	47	47.6
Beam (50%):	45.8%	45.8	25.9	25.7
Total:	92.5%	92.5		

