



Optics Photometric Report

Filename: C16373_SITARA-T1-A_(Cree_MHB-B)_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C16373_SITARA-T1-A_(Cree_MHB-B)_SIMULATED

Luminaire Cat: C16373_SITARA-T1-A_(Cree_MHB-B)_SIMULATED

Lamp: Cree_MHB-B - 1.00 W

Lamp Cat: C16373_SITARA-T1-A_(Cree_MHB-B)_SIMULATED

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

Max Candela: 47.5 at Horizontal: 90°, Vertical: 59°

Input Wattage: 1

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

Test: Zemax

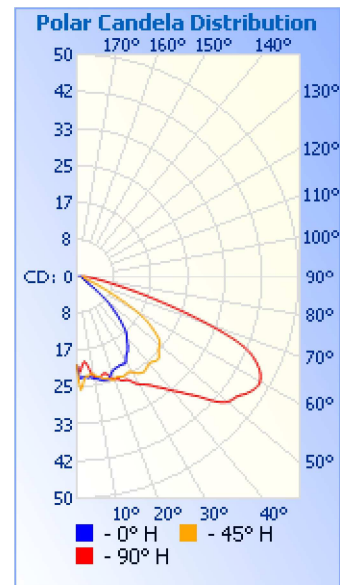
Test Date: 19 Apr 2018

Test Lab: Zemax

FLASHAREA: 0.000181

Photometry : Type C

Nema Type: 7 X 6



Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	TYPE II, SHORT	
Max Cd, 90 Deg Vert:	2.3	
Max Cd, 80 to <90 Deg:	5.3	
Lumens % Lamp		
Downward Street Side:	48.0	48%
Downward House Side:	42.6	42.6%
Downward Total:	90.6	90.6%
Total Lumens:	90.6	90.6%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	85.9%	85.9	160.4	123.8
Beam (50%):	47.9%	47.9	53.6	86.6
Total:	90.6%	90.6		

