



## Optics Photometric Report

**Filename:** C16373\_SITARA-T1-A\_(Bridgelux\_SMD 5050)  
\_SIMULATED\_IESNA

**Manufacturer:** Ledil Oy

**Luminaire:** C16373\_SITARA-T1-A\_(Bridgelux\_SMD 5050)\_SIMULATED

**Luminaire Cat:** C16373\_SITARA-T1-A\_(Bridgelux\_SMD 5050)\_SIMULATED

**Lamp:** Bridgelux\_SMD 5050 - 1.00 W

**Lamp Cat:** C16373\_SITARA-T1-A\_(Bridgelux\_SMD 5050)\_SIMULATED

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

**Max Candela:** 58.1 at Horizontal: 270°, Vertical: 57°

**Input Wattage:** 1

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

**Test:** Zemax

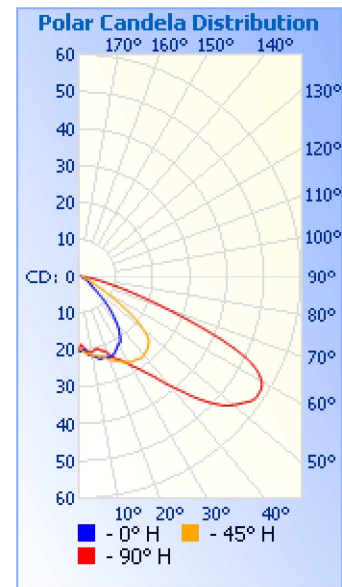
**Test Date:** 19 Apr 2018

**Test Lab:** Zemax

**FLASHAREA:** 0.000181

**Photometry :** Type C

**Nema Type:** 7 X 6



### Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	TYPE I, SHORT
Max Cd, 90 Deg Vert:	2.0
Max Cd, 80 to <90 Deg:	3.4
Lumens % Lamp	
Downward Street Side:	47.4 47.4%
Downward House Side:	43.5 43.5%
Downward Total:	90.9 90.9%
Total Lumens:	90.9 90.9%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	85.6%	85.6	154.1	114.4
Beam (50%):	40.2%	40.2	35.7	76.4
Total:	90.9%	90.9		

